



Water Pump 2014

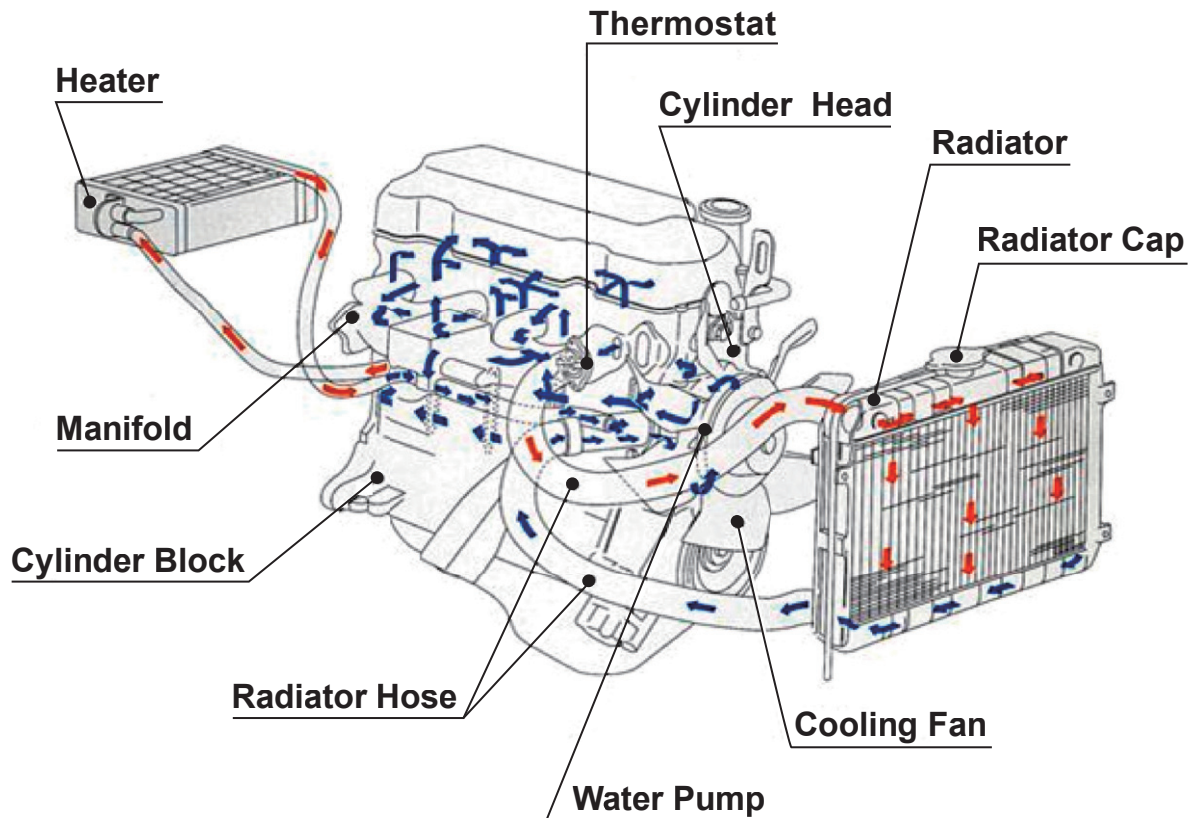
GMB will continue to distribute our mark-engraved products to the world, as we also strive to improve innovative ideas and actions in answer to the needs of our various international customers.

GMB
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1. The Function of the Water Pump

Coolant Flow



Flow at low temperature



Flow at high temperature



Water Pump is integral parts of cooling system and has important roll to circulate the coolant through engine block water jacket and radiator.



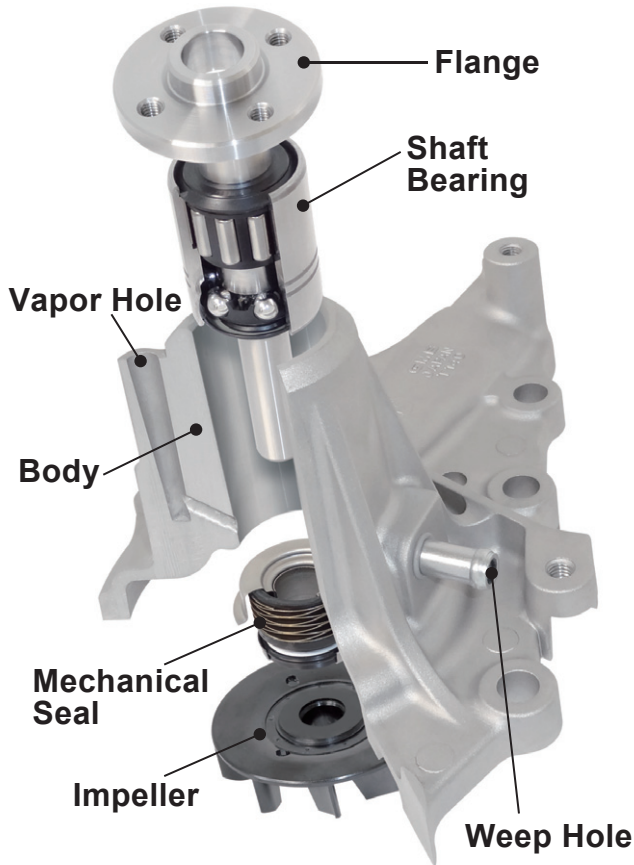
Engine heated high temperature coolant is cooled off through radiator and circulated into engine block water jacket.



Water Pump is positioned between engine and radiator, and water pump is driven by belt pulley system, timing belt or fan belt to circulate coolant forcibly.



2. Structure and Mechanism of Water Pump



Flange (Hub)	Pulley and/or fan clutch are mounted onto the flange.
Shaft Bearing	There are Ball /Ball and Ball /Roller types.
Body	Aluminum with Die-Cast, Gravity-Cast and Cast-Iron
Mechanical Seal	Maintain rotor being closed tightly
Impeller	There are either, pressed steel, cast-iron or resin type.

Crank Shaft rotary power drives impeller rotation through water pump pulley and bearing shaft.

The impeller rotation drives coolant into water jacket using centrifugal force and makes coolant circulate.

Coolant filled pump room and water pump bearing is isolated by mechanical seal.

Mechanical seal is dynamic rotation seal type and is always required to rotate in lubricated condition. The approached and lubricated liquid turns into vapor, The weep hole in body has a mechanism to discharge the vapor out of the hole.

While engine is running, water pump flange belt or timing belt continues to drive bearing shaft at higher RPM than engine RPM Therefore, high durability is required for water pump.



3. Precaution in Replacing Water Pump

- **Replacement should be handled by specialist**

- 『 If handled by non-specialist, it may cause failure of water pump itself and also other failures apart from water pump 』

- **Please be sure of water pump car model, production year, OE parts number**

- 『 Installing water pump of different part number causes failure or overheating 』

- **Do not shock water pump**

- 『 Water Pump composed of precision parts of bearing, mechanical seal etc. 』
- 『 If water pump is struck by a hammer or is dropped, it may cause leakage or damage to bearing 』

- **Do not install water pump while engine is heated**

- 『 Heated coolant flows out to cause burns Install water pump after engine is cooled down completely 』

- **Do not refill cold water or coolant while engine is heated**

- 『 Sudden temperature change will damage mechanical seal and engine parts 』

- **Do not start engine without coolant**

- 『 Mechanical seal will be damaged and it causes leakage 』

- **While engine is running, do not stand close to fan coupling or in rotational direction of fan**

- 『 While engine is running and if rotating parts such as fan were damaged, those parts will scatter around and could cause serious injury 』

- **Be sure there is no leakage in other parts, radiator, radiator hose, heater core etc. other than water pump**

- 『 Leakage occurs in other parts than water pump 』

- **Check fan, fan coupling, pulley fan belt, radiator cap, thermostat etc.**

- 『 Abnormal noise and failure in cooling system can arise in parts other than water pump 』

- **When you replace timing belt driven type of water pump, replace timing belt and tensioner bearing at same time**

- 『 Abnormal noise and failure in cooling system can arise in parts other than water pump 』

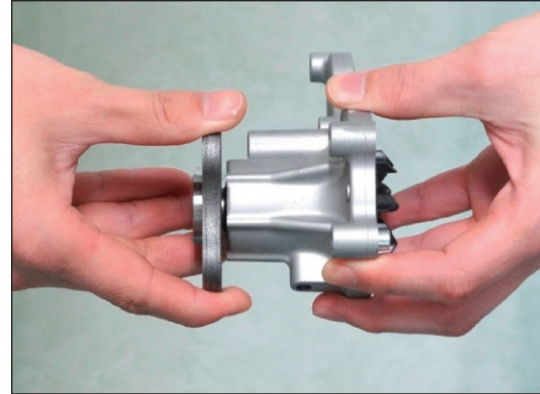


4. Precautions in replacing water pump

1 Do not dry turn water pump

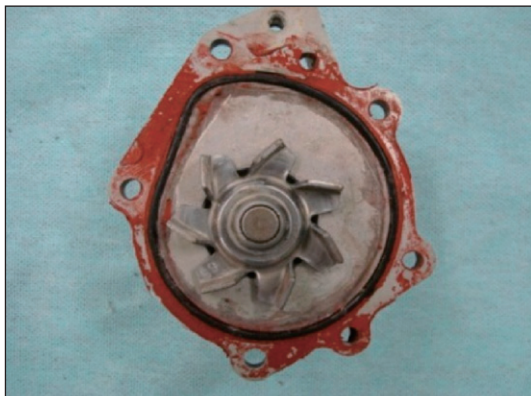
Do not turn the flange or pulley while mechanical seal contact surface is in dry condition. Turning in dry condition may cause damage to carbon and make squealing noise.

In dry condition, it may make squealing noise but it will stop when coolant lubricates contact surface of mechanical seal after water pump is installed to engine.



2 Do not apply liquid sealant to O ring

By applying liquid sealant for O ring type seal, excess amount of liquid sealant mixes with coolant inside water channel and intrude into mechanical seal contact surface which will cause leakage.



3 Inspection on Belts

When replacing water pump, inspect and adjust pulley belt, timing belt. If belt is cracked or foreign material or oil is adhering to belts or belt tension is insufficient, then abnormal noises are likely to be produced



5. Installation Procedure

1

- Flush radiator and engine replacing coolant, and remove dirt, rust deposits out of cooling system in installed condition of old water pump

Foreign material intrudes into mechanical seal and it causes leakage

2

- Remove old water pump, completely clean remaining gaskets or dirt from mounting surface

If cleaning is incomplete, it causes to leak out of mounting surface

3

- Apply liquid sealant lightly and evenly on both sides of new gasket
- Do not apply sealant for O ring or metal gasket

Excess sealant usage allows seal agent to enter into coolant
It causes leakage in early stage

4

- Install new water pump and tighten mounting bolts in diagonal pattern with car manufacturer's specified torque evenly

Excessively tightening bolts causes mounting bolt hole damaged and causes leakage

5

- If the water pump is the type to be assembled with fan clutch, and if you find installation wobbling or damage, replace the parts

Increased vibration causes fracture on bearing, body and or flange

6

- Install belt on water pump pulley and adjust tension to the specified value by car manufacturer

If excessive load is applied, water pump body and bearing will have excess load which leads to early stage fracture

7

- Refill radiator with new coolant and ensure there is no leakage
- Do not recycle old coolant Use new coolant with concentrations and volume specified by car manufacturer

Using poor quality coolant causes cavitation, abnormal wear of mechanical seal, impeller corrosion

8

- Bleed the air completely to ensure the radiator and its reservoir tank are filled with coolant volume specified by car manufacturer
- At the end, check there is no leakage, no abnormal noise in any places.
- Now the replacement is complete

If you start engine with insufficient coolant, it will cause water circulation failure and abnormal wear of mechanical seal



6. Failure Cause and Prevention

Failure Mode

Leakage

Location	Symptom	Cause
Body weep hole	Rough contact surface of Mechanical seal	<ul style="list-style-type: none">▪ Coolant degradation▪ Foreign material (dirt, sludge) intruded
	Foreign material adhering to contact surface of mechanical seal	<ul style="list-style-type: none">▪ Coolant degradation▪ Excess liquid sealant application allows sealant to enter into water channel and mix with coolant and it intrude into mechanical seal
	Mechanical seal fractured, burned	<ul style="list-style-type: none">▪ Driving with insufficient coolant
	Mechanical seal fractured	<ul style="list-style-type: none">▪ Pulley run-out▪ Insufficiently and unevenly tightened bolts.
	Early stage matching of mechanical seal contact surface	<ul style="list-style-type: none">▪ Internal pressure difference causes drip and generates vapor



Vapor generated in early stage of Installation will stop after matching on contact surface of mechanical seal

Prevention

- Regular coolant maintenance
- Fully flush when replacing coolant
- Apply appropriate amount of liquid sealant evenly
- Refill coolant
- Tighten mounting bolts evenly in an diagonal pattern
- Install belts with proper tension



6. Failure Cause and Prevention

Failure Mode

Leakage

Location	Symptom	Cause
Mounting Surface	Foreign material adhering to mounting surface	<ul style="list-style-type: none">Contamination on engine mounting surface caused foreign material to intrude
	Liquid sealant is not applied for supplied gasket	<ul style="list-style-type: none">Liquid sealant is not applied
	Improper installation	<ul style="list-style-type: none">Chip, deformation on mounting surfaceTightening torque failureApplied sealant on O ring, metal gasket
	Gasket fractured, deformed	<ul style="list-style-type: none">During transportation, handling, fractured and deformed

Prevention

- Clean engine mounting surface of any remaining gasket /sealant without causing damage on mounting surface
- Apply liquid sealant on both sides of supplied gasket (Apply liquid sealant lightly and evenly on both sides of our supplied paper gasket)
However, do not apply liquid sealant for O ring, metal gasket
- Tighten mounting bolts with manufacturer specified torque evenly in an diagonal pattern



6. Failure Cause and Prevention

Failure Mode

Abnormal Noise

Location	Symptom	Cause
Water pump area	Bearing noise 「Rumbling」	<ul style="list-style-type: none">▪ Coolant intrusion due to mechanical seal failure▪ Excess Belt Tension▪ Vibration by run-out of pulley / fan
	Mechanical seal noise 「Whining」	<ul style="list-style-type: none">▪ Seal contact area is dry
	Belt noise 「Squeak」	<ul style="list-style-type: none">▪ Belt degradation, tension performance degraded

Prevention

- Regular coolant maintenance
- Regular maintenance of belt tensioner
- Regular check for belt degradation

Failure	Symptom	Cause
Body Fractured	Corrosion due to cavitation	<ul style="list-style-type: none">▪ Corrosion due to coolant deterioration (oxidation etc.)
	Mounting bolts hole fractured	<ul style="list-style-type: none">▪ Bolts were tightened with excessive torque

Prevention

- Regular coolant maintenance
- Fasten mounting bolts with manufacturer specified torque evenly in an diagonal pattern



6. Failure Cause and Prevention

Failure Mode

Overheat

Failure	Symptom	Cause
Overheat	Impeller idling	▪ Coolant Frozen
	Impeller broken, corroded	▪ Corrosion by coolant deterioration (oxidation)
	Corrosion by cavitation	▪ Corrosion by coolant deterioration (oxidation)

Prevention

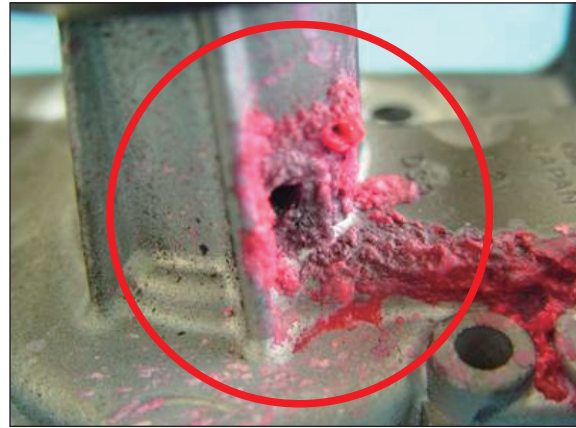
- Use specified and suitable coolant for cold districts
- Regular coolant maintenance
- Adjust Belt tension to the specification.
- Replace degraded belts



7. Specimen Problems

1

Leakage out of weep hole



Cause1

Wear by Coolant

Resulting from sludge or rust from metallic corrosion carried by coolant intruding into mechanical seal surface and abrading sealing surface so sealing performance decreases

Prevention

- Coolant needs regular maintenance
- Cooling system should be flushed completely at replacement.





7. Specimen Problems

1

Leakage out of weep hole

Cause2

Usage of excess liquid sealant



Excess amount of liquid sealant mixes with coolant and intrudes between opposing sides of mechanical seal stopping full seal being made and causing leakage

Prevention

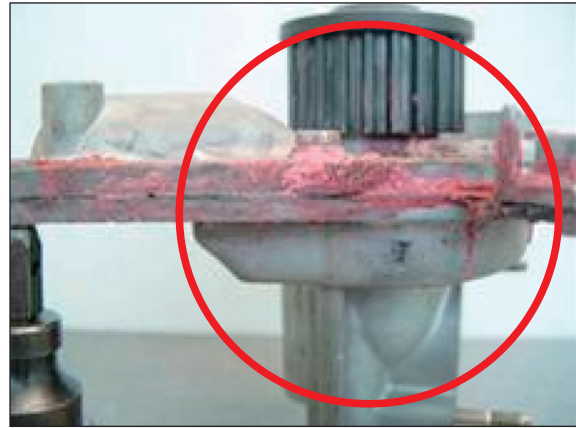
- Liquid sealant must be applied evenly to water pump gasket surface
However, do not apply liquid sealant for O ring and metal gasket



7. Specimen Problems

2

Leakage from Mounting Surface



Cause!

Contamination on mounting surface (Sealant grime etc.)

Liquid sealant is not applied

Applying sealant on supplied O ring, Metal gasket

Improper installation

Prevention

- Ensure mounting surface is free from remaining gasket /sealant without causing damage on mounting surface

- Apply sealant on both side of supplied gasket

- Do not apply liquid sealant on O ring type seal.

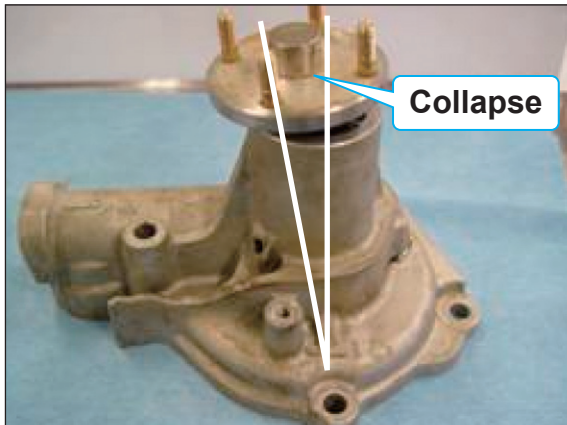
- Tighten mounting bolts using manufacturer's specified torque evenly in a diagonal pattern



7. Specimen Problems

3

Noise



Fan clutch bearing blocked
→ breakage

Cause!

Bearing Noise

Mechanical seal failure
caused coolant intrude Into
bearing

Excess vibration by other
installed parts (pulley/fan)

Excess belt tension

Prevention

- Regular coolant maintenance

- Check fully abrasion condition, run-out of pulley/fan and replace them if found abnormal

- Keep belt tension within the values specified by car manufacturer



7. Specimen Problems

4

Overheat



Impeller Corrosion



Bottom plate corrosion

Cause!

Coolant Frozen

Corrosion due to coolant deterioration (oxidation etc.)

Prolonged use of coolant exhausts the rust preventive chemicals and ethylene glycol which are main element of antifreeze turns into formic acid

Prevention

- Use coolant specified and suitable for cold districts
Do not recycle used coolant Use a good quality coolant with concentration corresponding to respective area climate

- Regular maintenance of coolant
Before replacing water pump, replace coolant in radiator and engine block water jacket and fully flush

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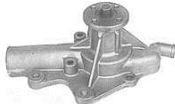



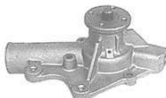
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IMPORTANT NOTICE

This catalog is superceding all former catalogs under the number Section 4. To avoid any possible misunderstanding, we recommend to destroy old ones you may have and make reference to this new catalog only in your future orders. The data listed herein is correct to the best of our knowledge and belief, having been compiled from reliable and official sources of information. However, we cannot assume any responsibility for possible error.

NUMERICAL LISTING






AMC(AMERICAN MOTOR & JEEP)

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GWAM-01A 8125501 8129459	77-79 2000 75-79 3800 4200	AMC CONCORD, GREMLIN, SPIRIT 4CYL (121) AMC CONCORD, GREMLIN, HORMET 6CYL (232) AMC PACER, HORMET 6CYL (232) JEEP CJ5, CJ6, CJ7 6CYL (232) AMC AMX, CONCORD, GREMLIN 6CYL (258) AMC MATADOR, , HORMET 6CYL (258) JEEP CHEROKEE, CJ5, CJ6, CJ7, J10, J20 6CYL (258)	
GWAM-03A 8130749 8133033 8134320	83-84 2500 83-86 4200 80 80-86	AMC EAGLE 4CYL (150) JEEP w/o Serpentine Belt Drive 4CYL (150) AMC AMX, PACER 6CYL (258) AMC EAGLE, SPIRIT w/o Serpentine Belt Drive 6CYL (258) JEEP w/o Serpentine Belt Drive 6CYL (258) •Aluminum body	
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GWAM-05A J8134321	83-86 2500 81-86 4200	JEEP w/Serpentine Belt Drive 4CYL (150) AMC EAGLE, SPIRIT w/Serpentine Belt Drive 6CYL (258) JEEP w/Serpentine Belt Drive 6CYL (258)	
GWAM-06A 83502938	85-90 2500 88-90 4000 85-89 4200	JEEP w/Serpentine Belt Drive 4CYL (150) JEEP WAGONEER Hub Height 2 5/8 inch 6CYL (242) AMC, JEEP w/Serpentine Belt Drive 6CYL (258)	
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GWAM-09A 4626054 4626054AD	91-02 2500 93-99 4000	JEEP 4CYL (150) JEEP 6CYL (242)	

AMC(AMERICAN MOTOR & JEEP)

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BEDFORD

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GWBF-02A 9943171	76-		TORANA SUNBIRD COMMODORE 4 & 6cyl (HOLDEN) Petrol engine CF. 
GWBF-03A 7182777 9962669	67-77		6 TON, 7 TON 
GWBF-05A 9960156	76-85 76-80 71-79 76-85	1200 1256	VAUXHALL, CHEVETTE BEDFORD CHVANNE VAUXHALL, VIVA 1256/1300 VAUXHALL, CHEVETTE ESTAT (13N) VAUXHALL, CHEVETTE (13N, 13S) VAUXHALL, CHEVETTE ESTAT (13S) 
GWBF-06A 91055181	80-82	1256	(GWBF-05A with heater pipe) BEDFORD CHVANNE 




BMW

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68		3210	2800CS	6 CYL		
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BMW

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BMW









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	94-99	1796	BMW3 Convertible(E36)318i
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	92-95	1796	BMW3 Coupe(E36)318is
	95-99	1895	BMW3 Coupe(E36)318is
	99-01	1895	BMW3 Coupe(E46)318Ci
	96-99	1596	BMW3 Touring(E36)316i
	95-99	1796	BMW3 Touring(E36)318i
	99-01	1895	BMW3 Touring(E46)318i
	89-95	1796	BMW5(E34)518i
	95-96	1796	BMW5 Touring(E34)518g
	94-97	1796	BMW5 Touring(E34)518i
	95-98	1796	BMW Z3(E36)1.8
	95-99	1895	BMW Z3(E36)1.9







BRITISH LEYLAND

PART NO.	APPLICATION GUIDE			
GWBL-01A 2A774/5,12A1332 12G120/1284/1771 GWP101/102/132 12A1690 38402022/3/4	56-79	AUSTIN BLMC INNOCENTI MG MORRIS <u>GWBL-01A=GWBL-02A</u>		
GWBL-03A GWP306 GWP312 530477	61-83 2300	LAND ROVER Series II A,III Petrol and diesel engines	Fixed Fan 	
GWBL-05A GWP117 GWP123 GWP130	68-78 68-77 74-78 76-81	MORRIS MARINA HANOMAG F20,F25,F30,F35 LEYLAND SHERPA MGB GT		
GWBL-07A GWP140	78-82	PRINCESS,MARINA, SHERPA, 1700,2000		
GWBL-10A GWP129 GWP147	75-76 76-80	AUSTIN,MORRIS 18-22 WOLSELEY 2200 PRINCESS 2200 ROVER 2600cc SD,SDX		
GWBL-11A GWP138 GWP154	73-83 850 80-90 998 82-93 999 67-84 1098 76-81 1256 69-80	ALLEGRO 998cc/1098cc/1275cc AUSTIN METF BMC Serie A MINI MK I MINI MK I 99HC20P, 99HA53P, 99H997P MINI MK I MINI MK I 99HD81 MINI MK I 10H		
GWBL-12A GWP415	74-75 4235 74-82	JAGUAR 6 CYL JAGUAR XJ6 6 CYL		
GWBL-13A GWP423	83-87 4235 83-86	JAGUAR VANDENPLAS 6 CYL JAGUAR XJ6 6 CYL		

BRITISH LEYLAND

PART NO.	APPLICATION GUIDE			
GWBL-14A GWP151 GWP171	83-90 84-88	1275	MAESTRO MONTEGO 12HL	
GWBL-15A GWP155	84-88 84-91	1994	MAESTRO,MONTEGO 20HA50AA, 20HC51AA, 20HC81 MAESTRO,MONTEGO 20HSC, 20H MAESTRO,MONTEGO 20H(EFI) MAESTRO,MONTEGO 20HC85 MAESTRO,MONTEGO 20H MAESTRO,MONTEGO 20HSC, 20H	
GWBL-16A GWP148	80-84 80-95	2000	ITAL LEYLAND DAF SHERPA	
GWBL-17A GWP157 GWP173	85-90 86-90 84-88	1598	MAESTRO 16HA03AL, 16HA35AL MAESTRO 16HA37 MONTEGO 16HC37	
GWBL-18A GWP333 FWP492 QCP2743	89-94 90-95	1400	214 Si, Sli, Gsi 16V Eng METRO Gti 16V Eng	
GWBL-19A PEB102510L	98- 00-	1796 2497	LANDROVER FREELANDER 18K4F 16V Eng LANDROVER FREELANDER 25K4F Eng	6 CYL 
GWBL-20A PEB102240L PET100760L	00- 02-05	1951 2500	LANDROVER FREELANDER LANDROVER FREELANDER (USA MODEL)	6 CYL 
<u>DISCONTINUED</u>			<u>GWBL-04A(GWP124/131)</u> <u>GWBL-06A(GWP128)</u> <u>GWBL-08A(GWP143)</u> <u>GWBL-09A(GWP116/144)</u>	






CHRYSLER

PART NO.		APPLICATION GUIDE				
GWCR-01A 1918076 75221513	60-70	(U.K.)				
	66-	SINGER VOGUE, GAZELLE				
	67-76	HILLMAN HUNTER				
	69-76	HUNTER SCEPTRE,SUNBEAM				
	70-	RAPIER, H120,SUNBEAM ALPINE SUNBEAM VOGUE				
GWCR-02A EX196910	62-69	(AUSTRALIA) VALIANT RV1,SV1,AP5,AP6, VC,VE,VF,VG				
GWCR-03A 3425318 4153239	70-79	(AUSTRALIA)				
	75-78	VALIANT VG 6cyl HEMI eng CENTURA 6cyl HEMI eng				
GWCR-04A 5214490 5240630	78-83	1700	DODGE OMNI	4 CYL	(105)	
	78-79		PLYMOUTH HORIZON	4 CYL	(105)	
GWCR-05A 4293898 4323148 5203432	82-90	2200	CHRYSLER	4 CYL	(135)	
	86-89	2500	CHRYSLER	4 CYL	(153)	
	81-88		DODGE	4 CYL	(135)	
	81-89		DODGE	4 CYL	(153)	
	85-88		PLYMOUTH	4 CYL	(135)	
			PLYMOUTH	4 CYL	(153)	
GWCR-06A 2196035/910 2808679 3420050 4106034 4131243	78-83	2800	CHRYSLER	6 CYL	(225)	
	60-76	3200	DODGE	6 CYL	(170)	
	70-74	3700	DODGE	6 CYL	(198)	
	60-87		DODGE	6 CYL	(225)	
	60-71		PLYMOUTH	6 CYL	(170)	
	60-79		PLYMOUTH	6 CYL	(198)	
			PLYMOUTH	6 CYL	(225)	
GWCR-07A 3420037 3420038 3780108 3780109 3837640 3837641 4728533	58	3800	CHRYSLER	8 CYL	(318)	
	59	3900	CHRYSLER	8 CYL	(360)	
	70	4000	CHRYSLER	8 CYL	(440)	
	58-59	5200	DODGE	6 CYL	(230)	
	59-91	5300	DODGE	6 CYL	(239)	
	60-92	5600	DODGE	6 CYL	(243)	
	70-73	5700	DODGE	8 CYL	(318)	
	71-75	5900	DODGE	8 CYL	(325)	
	71-80	6600	DODGE	8 CYL	(340)	
	72-78	7200	DODGE	8 CYL	(350)	
	75-89		DODGE	8 CYL	(360, 361)	
	78-80		DODGE	8 CYL	(400)	
	87-91		DODGE	8 CYL	(440)	






Continued

Continued







CHRYSLER

PART NO.		APPLICATION GUIDE				
GWCR-07A	70-89	5200	PLYMOUTH	8 CYL	(318)	
	70-75	5600	PLYMOUTH	8 CYL	(340)	
	71-79	5900	PLYMOUTH	8 CYL	(360, 361)	
	74	6600	PLYMOUTH	8 CYL	(400)	
	70-78	7200	PLYMOUTH	8 CYL	(440)	
GWCR-17A 71244450 71250918 75221515	70-73		HILLMAN AVENGER 1250,1500			
	73-81		AVENGER 1300,1600(w/o viscous coupling)			
	71-73		PLYMOUTH CRICKET(w/o viscous coupling)			
GWCR-18A 20443700 20262700 20263800	76-		TALBOT AVENGER 1300,1600 (w/ electric fan)			
	77-		TALBOT SUNBEAM 1000			
			TALBOT SUNBEAM 1300,1600			
			(w/ electric fan)			
GWCR-20A 1818610 1879526 2448326 2448327 2808464 2808466 2808680 2808681 3683834 3780127 3780196	58	3700	CHRYSLER	8 CYL	(360, 361)	 ●Aluminum body
	58	3800	CHRYSLER	8 CYL	(383)	
	63	5200	CHRYSLER	8 CYL	(400)	
	70	5600	CHRYSLER	8 CYL	(413)	
	74	5700	CHRYSLER	8 CYL	(413)	
	58-59	5900	CHRYSLER	8 CYL	(426)	
	58-65	6300	CHRYSLER	8 CYL	(440)	
	59-65	6600	DODGE	8 CYL	(340)	
	59-71	6700	DODGE	8 CYL	(350)	
	60-64	6800	DODGE	8 CYL	(360, 361)	
	61-65	7000	DODGE	8 CYL	(383)	
	61-73	7200	DODGE	8 CYL	(400)	
	63-71		DODGE	8 CYL	(413)	
	66-78		DODGE	8 CYL	(413)	
	66-79		DODGE	8 CYL	(426)	
	69-70		DODGE	8 CYL	(440)	
	70-74		PLYMOUTH	6 CYL	(225)	
	71-78		PLYMOUTH	6 CYL	(230)	
	72-78		PLYMOUTH	8 CYL	(318)	
			PLYMOUTH	8 CYL	(340)	
			PLYMOUTH	8 CYL	(350)	
				8 CYL	(361)	
			PLYMOUTH	8 CYL	(383)	
			PLYMOUTH	8 CYL	(400)	
			PLYMOUTH	8 CYL	(413)	
			PLYMOUTH	8 CYL	(413)	
			PLYMOUTH	8 CYL	(426)	
			PLYMOUTH	8 CYL	(440)	
GWCR-26A 4387457 4636258	89	2200	CHRYSLER	4 CYL	(135)	
		2500	CHRYSLER	4 CYL	(153)	
			DODGE	4 CYL	(135)	
			DODGE	4 CYL	(153)	
			PLYMOUTH	4 CYL	(135)	
			PLYMOUTH	4 CYL	(153)	




CHRYSLER

PART NO.	APPLICATION GUIDE				
GWCR-27A 4448878 5010898AA	90-00 3300 91-00 3800 94-00 95-99	CHRYSLER 6 CYL (201) CHRYSLER 6 CYL (230, 232) DODGE 6 CYL (201) DODGE 6 CYL (230) PLYMOUTH 6 CYL (201) PLYMOUTH 6 CYL (230)			
GWCR-28A 4483453 4621172	90 2200 90-93 2500 90-94 90-95	CHRYSLER 4 CYL (135) CHRYSLER 4 CYL (153) DODGE 4 CYL (135) DODGE 4 CYL (153) PLYMOUTH 4 CYL (135) PLYMOUTH 4 CYL (153)			
GWCR-29A 4654393 5281175 (AW7140)	93-96 3300 96 3500 93-97	CHRYSLER 6 CYL (201) CHRYSLER 6 CYL (215) DODGE 6 CYL (201) AMC EAGLE VISION 6 CYL (201)			
GWCR-30A 4667660 MO4667660 (AW7150)	95-00 2000 95-98	CHRYSLER 4 CYL (122) DODGE 4 CYL (122) PLYMOUTH 4 CYL (122) AMC EAGLE TALON 4 CYL (122,Y)			
GWCR-31A 4882837 4556541 4882837 (AW7141)	93-94 3500	CHRYSLER 6 CYL (215) DODGE 6 CYL (215) AMC EAGLE VISION 6 CYL (215,F)			
GWCR-32A 0500385AA 4663296 5003085 5663296 (AW7151)	95-97 3500 97	CHRYSLER 6 CYL (215) DODGE 6 CYL (215) PLYMOUTH 6 CYL (215,G) AMC EAGLE VISION 6 CYL (215,F,G)			
GWCR-33A 04621489 4621489 (AW7153)	95-96 2400 96	CHRYSLER 4 CYL (148) DODGE 4 CYL (148) PLYMOUTH 4 CYL (148)			
GWCR-34A 04663296AB (AW7158)	97 3500	CHRYSLER CONCORDE 6 CYL (215,F) CHRYSLER LHS 6 CYL (215,F) DODGE INTERPID 6 CYL (215) PLYMOUTH PROWLER 6 CYL (215,F) AMC EAGLE VISION 6 CYL (215,F)			



CHRYSLER

PART NO.	APPLICATION GUIDE				
GWCR-35A 4792195 4792195AB (AW7162)	98-01 3200 99-04 3500 99-02	CONCORDE, INTERPID 6 CYL (197) 300M, CONCORDE, INTERPID 6 CYL (215) LHS, PROWLER 6 CYL (215)			
GWCR-36A 53020280 53021018 53021018AB 53021018AC 53021018AD (AW7160)	98 3900 93-01 4700 93-03 5200 93-98 5900 98-00	DODGE TRUCK 6 CYL (239) DODGE, DURANGO 8 CYL (285) DODGE TRUCK 8 CYL (318) DODGE TRUCK 8 CYL (360) JEEP 8 CYL (318) JEEP, GRAND CHEROKEE 8 CYL (360)	<div>OUTLET HOLE DRILLED</div> 		
GWCR-37A 53008354 (AW7159)	92 3900	DODGE TRUCK 6 CYL (239) DODGE TRUCK 8 CYL (318)	<div>OUTLET HOLE TAPPED</div> 		
GWCR-38A 3283803 3802004 3802358 3802970 4429404 R5003665AA F3HZ-8501ARM (AW7145)	90 5900 89-93 89-98 90-96 93-94 93-96 93-97	FORD TRUCK 360 FD1060 CUMMINS- SERIES400-1100 -DIESEL CF700/800,F700/800 L900,LA800/900,LL900 LN700,LS900,LT800/900 LTL900,LTS800/900 CFT800,L800,LS800 FT900 B600/700,F600 FT800 DODGE TRUCK, D250 DIESEL 8 CYL (359) DODGE TRUCK, RAM 2500 DIE 8 CYL (359) DODGE TRUCK, RAM 3500 DIE 8 CYL (359) DODGE TRUCK, W250, W350 D 8 CYL (359)			
GWCR-39A 4694307 4694307AB 4649307AC 4649307AE (AW7156)	96-06 2400 02-06 96-00	CHRYSLER 4 CYL (148) DODGE 4 CYL (148) PLYMOUTH 4 CYL (148) JEEP 4 CYL (148)			
GWCR-40A 4663 731AB 4663 732 4663 732AB/AC/AD 4663 736 4892 225AA RCWP7161	98-04 2700 01-07 05-07 98-06	CONCORDE, INTERPID 6 CYL (167) 300M, SEBRING 6 CYL (167) CHARGER, MAGNUM 6 CYL (167) INTERPID, STRATUS 6 CYL (167)			

CHRYSLER

PART NO.		APPLICATION GUIDE				
GWCR-41A 5302 0865 5302 0873AB/AC 5302 1187AA/2058AA 5302 2189AA/AB/AC 6804 5797AA	07-09	3700	CHRYSLER, ASPEN	8 CYL	(285)	
	02-10	4700	DODGE TRUCK	6 CYL	(226)	
	00-10		DODGE TRUCK	8 CYL	(287)	
	02-12		JEEP	6 CYL	(226)	
	06-09		JEEP, COMMANDER	8 CYL	(285)	
	99-10		JEEP, GRAND CHEROKEE	8 CYL	(287)	
GWCR-42A 4792 838AA 4792 838AB 5302 2095AD 5302 2095AF	EZB	5700	CHRYSLER 300		(05-10)	
	EZC	6100	DODGE	CHALLENGER	(08-10)	
	EZD			CHARGER	(06-10)	
				MAGNUM	(06-08)	
			JEEP	GRAND CHEROKEE	(06-10)	
GWCR-43A 4792968AD	04-10	3500	CHRYSLER	6 CYL	(215)	
	07-10	4000	CHRYSLER	6 CYL	(241)	
	05-10		DODGE	6 CYL	(215)	
			DODGE	6 CYL	(241)	
<u>DISCONTINUED</u>			<u>GWCR-07AP(3837641)</u> <u>GWCR-21A(2808649,2951330,3004866)</u> <u>GWCR-22A(1881803,2196996,2585291,3004715)</u> <u>GWCR-23A(A3716593)</u> <u>GWCR-25A(3004991)</u>			







DAIHATSU

PART NO.	APPLICATION GUIDE			
GWD-12A 16100-87501-000 16100-87502-000 16100-87503-000 16100-87504-000	ZM	360	HIJET S38 (71.09-81.08) ATRAI	
GWD-13A 16100-59017-000 16100-59145-000	B 13B	3000 3400	DELTA DV28,SV28 (72.03-77.08) (TOYOTA) V10/11/12/17/18 (77.08-80.09) DYNA V98/D/99 (84.09-90.05) V75/76/78/79/78D (84.09-88.08) V75D (84.09-87.08)	
GWD-14A 16100-87304-000 16100-87305-000 16100-87307-000 16100-87308-000 16100-87309-000 16100-87380-000	DG DIESEL	2500	DELTA V20/23/24/25/26 (77.08-82.10) TAFT F50 (78.08-82.08) RUGGER	
GWD-15A 16100-87701-000 16100-87705-000 16100-87706-000 16100-87791-000	AB CB	550 1000	FELLOW MAX CUORE L40 (76.05-79.02) L40V (76.06-80.06) L45 (77.10-82.12) CHRADE G10 (79.02-80.06)	
GWD-16A 16102-87780 (16100-87780-000 16100-87781-000 W/HOUSING NO.)	AB	550	HIJET S40/60 (76.04-81.03) ATRAI HADIVAN L55V	
GWD-17A 16100-87726-000 16100-87787-000 16100-87796-000	CB CL	1000	CHARADE G11 (83.01-85.01) G101S (87.01-93.01) G30 (85.02-93.01)	
GWD-24A 16100-28030-000	12T	1600	CHRMANT A20 (79.08-79.08) A40 (79.08-81.07)	
GWD-25A 16111-87780-000 (16100-87782/4/9 W/HOUSING NO.)	AB	550	HIJET S65/66 (81.04-86.05) ATRAI S66V (82.03-86.05)	





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PART NO.	APPLICATION GUIDE			
GWD-26A 16100-87707-000 16100-87788-000	AB	550	FELLOW MAX CUORE L54/55/55V/56 (80.06-85.08)	
GWD-27A 16100-87730-000 16100-87786-000 16100-87795-000	CB	1000	CHARADE G100S HIJET G100S(TBO) G11 (87.01-93.01) (87.01-88.01) (85.01-86.12)	
GWD-28A 16100-37382-000 16100-87381-000 16100-87382-000 16100-87383-000 16100-87387-000	DG 2500 DL 2800 DIESEL		DELTA V20/23/24/25/26 TAFT V54/56 RUGGER V57 ROCKY F50 F60 (82.10-83.02) (78.02-84.04) (84.09-89.01) (82.08-82.10) (82.08-84.03)	
GWD-29A 16100-87252-000 16100-87280-000 16100-87280-000 16100-87286-000	EB	550	MIRA L70S/70V/71V LEEZA L100S/100V CUORE (85.08-90.02) (86.11-90.07)	
GWD-30A 16100-87511-000 16100-87580-000 16100-87582-000 16100-87586-000	EB	550	HIJET S80C/80P/81C/81P ATRAI S80P/S81P(SPC) (86.05-90.04) (87.05-90.04)	
GWD-31A 16100-87512-000 16100-87581-000 16100-87583-000	EB	550	HIJET S80V/81V ATRAI (86.05-90.04)	
GWD-32A 16100-87108-000 16100-87182-000 16100-87184-000 16100-B9170	HCE 1300 HCF 1500 HEEG 1600 HD HDEG HDEP		CHARADE A101S/111S APPLAUSE G102S/112S PYZAR G200S/203S/213S HIJET G201S G301G/311G G303G/313G (89.06-00.05) (88.01-93.01) (93.01-00.03) (93.07-98.07) (97.09-02.07) (96.08-02.07)	
GWD-33A 16100-87394-000	DL	2800	TAFT F70 RUGGER (87.09-90.11)	





DAIHATSU

PART NO.	APPLICATION GUIDE			
GWD-34A 16100-87731-000 16100-87790-000 16100-87797-000	CB	1000	CHARADE G100S(TBO)	(87.01-93.01)
				
GWD-35A 16100-87109 16100-87183 16100-87185 16100-B9250	HCEJ HDE	1300 1600	TERIOS J100G ROCKY F300S APPLAUSE FEROZA	(97.03-00.05) (90.07-97.05)
				
GWD-36A 16100-87244-000 16100-87248-000 16100-87283-000 16100-87287-000 16100-B9210	EFCL EFEL EFFL EFHL EFJL EFKL EFXL	660	LEEZA L111S MIRA L111SK OPTI L200S/200V/210S MOVE L210V L220S L300S/310S L500V/510V L510S L500S L500S	(90.08-92.07) (91.11-92.07) (90.03-95.01) (90.04-94.08) (90.04-93.07) (92.02-98.08) (94.08-98.08) (94.08-95.10) (94.08-95.10) (94.10-98.08)
				
GWD-37A 16100-87290-000 16100-87509-000 16100-87588-000 16100-87590-000	EFCS	660	HIJET S82C/82P/83C/83P ATRAI	(90.04-94.01)
				
GWD-38A 16100-87291-000 16100-87510-000 16100-87585-000 16100-87591-000 16100-87859-000	EFES EFTS EFVS EFXS	660	HIJET S82V/83V ATRAI S82V/83V S82W/83W	(92.08-94.01) (90.04-94.01) (91.08-94.01)
				
GWD-39A 16100-87292-000 16100-87505-000 16100-87507-000 16100-87592-000	EFCK EFES EFNS EFTS	660	HIJET S100C/100CT/100P/100V ATRAI S100C/100CT/100P/100V MIDGET II S100V/110P/110V/120V/130V S100W S100W/110W S110C/110CT/110P/110V S120V/130V K100C K100P	(94.01-95.12) (94.01-98.12) (94.01-95.12) (94.04-98.12) (94.04-95.12) (94.01-98.12) (94.01-96.12) (97.01-99.08) (96.03-99.08)
				

DAIHATSU

PART NO.		APPLICATION GUIDE		
GWD-40A 16102-87201 16102-87204 16102-87207	EFDE	660	HIJET/ATRAI J131G	(00.01-)
	EFDEM	1000	MAX M200G	(00.08-02.12)
	EFDET		MIRA L950S/960S	(01.11-04.05)
	EFGL		MOVE L701S/711S	(02.08-05.03)
	EFGS		NAKID L150S/160S/250S/260S	(02.10-04.04)
	EFRL		OPTI L250V/260V	(02.12-05.08)
	EFRS		STORIA L350S/360S	(03.11-04.05)
	EFVE		TANTO L600S/610S	(95.08-98.09)
	EFVN		TERIOS L500S/510S	(95.10-98.08)
	EFZL		TERIOS KID S100C/100CT/100P/100V/100W	(95.12-98.12)
	EFZS		TERIOS LUKIA S110P/110V/110W/120V/130V	(95.12-98.12)
	EJDE		YRV M100S/110S	(98.01-04.05)
	EJVE		J111G	(98.10-)
			L700S/710S/900S/910S	(98.10-05.03)
			L800S/810S	(98.11-02.08)
			S200C/200P/210P	(98.12-05.03)
			L700V/710V/750S/760S	(99.11-02.12)
(16100-87249-000 16100-87508-000 W/HOUSING NO.)				
GWD-40AH 16100-87228-000 16100-87245-000 16100-87249-000	EFDE	660	OPTI J131G	(00.01-)
	EFDEM		TANTO L950S/960S	(01.11-05.11)
	EFDET		MOVE L150S/160S	(02.10-04.04)
	EFGL		MIRA L350S/360S	(03.11-04.05)
	EFRL		MAX L600S/610S	(95.08-98.09)
	EFVE		TERIOS KID L500S/510S	(95.10-98.08)
	EFVN		TERIOS LUKIA J111G	(98.10-)
	EFZL		NAKED L700S/710S/900S/910S	(98.10-)
	EFDE		L800S/810S	(98.11-02.08)
			L700V/710V	(99.11-02.12)
			L750S/760S	(99.11-03.12)
			L900S/910S	(98.10-02.09)
			L910S	(98.10-02.10)
			L550S/560S	(04.08-05.05)
				
GWD-41A 16102-87202 16102-87205 16102-87208	EFDET	660	MIRA L250S/260S	(02.12-04.12)
	EFZL		MOVE L150S/160S	(02.10-04.12)
			OPTI L550S/560S	(04.08-05.05)
			TANTO L300S/310S	(95.10-98.08)
			L350S/360S	(03.11-05.06)
(16100-87230 16100-87246 16100-87251 W/HOUSING NO.)				
GWD-41AH 16100-87230-000 16100-87246-000 16100-87251-000	EFDET	660	MIRA L250S/260S	(02.12-04.12)
	EFZL		MOVE L150S/160S	(02.10-04.12)
			OPTI L550S/560S	(04.08-05.05)
			TANTO L300S/310S	(95.10-98.08)
			L350S/360S	(03.11-05.06)
				







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PART NO.	APPLICATION GUIDE				
GWD-42A 16102-87201 16102-87204 16102-87207 <div>(16100-97213-000 16100-97231-000 W/HOUSING NO.)</div>	EFDE 660 EFDEM 1000 EFDET EFGL EFGS EFRL EFRS EFVE EFVN EFZL EFZS EJDE EJVE	HIJET J131G (00.01-) ATRAI M200G (00.08-02.12) MAX L950S/960S (01.11-05.11) MIRA L701S/711S (02.08-05.03) MOVE L150S/160S/250S/260S (02.10-04.04) NAKID L250V/260V (02.12-05.08) OPTI L350S/360S (03.11-04.05) STORIA L600S/610S (95.08-98.09) TANTO L500S/510S (95.10-98.08) TERIOS S100C/100CT/100P/100V/100W (95.12-98.12) TERIOS KID S110P/110V/110W/120V/130V (95.12-98.12) TERIOS LUKIA M100S/110S (98.01-04.05) YRV J111G (98.10- 05.11) J111G/131G (02.01-03.08) J131G (00.01-05.10) L700S/710S/900S/910S (98.10-05.03) L800S/810S (98.11-02.08) S200C/200P/210P (98.12-05.03) L700V/710V/750S/760S (99.11-02.12)			
GWD-42AH 16100-97213-000 16100-97231-000 16100-B9180	EFVE 660	HIJET S200C/200P/210P (98.12-07.12) ATRAI			
GWD-43A 16102-97201 16102-97205 16100-B9200 <div>(16100-97214-000 16100-97232-000 W/HOUSING NO.)</div>	EFDE 660 EFVE EFSE EFVN EFDET	HIJET S200V/210V (98.12-04.11) ATRAI S220V/230V (98.12-01.12) S220G/230G (99.05-04.11) S200W/210W (00.01-04.11) S200P (00.02-04.11) S320V/330V (04.11-07.12) S330W (05.01-07.12) S320G/330G (05.04-05.11) S320G/330G (05.12-07.12)			
GWD-43AH 16100-97214-000 16100-97232-000 16100-B9200	EFDE 660 EFVE EFSE EFVN EFDET	HIJET S200V/210V (98.12-04.11) ATRAI S220V/230V (98.12-01.12) S220G/230G (99.05-04.11) S200W/210W (00.01-04.11) S200P (00.02-04.11) S320V/330V (04.11-07.12) S330W (05.01-07.12) S320G/330G (05.04-05.11) S320G/330G (05.12-07.12)			



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PART NO.	APPLICATION GUIDE				
GWD-44A 16100-87247-000 16100-87250-000 16100-87288-000	JBEL JBXL	660	MIRA MOVE	L502S/512S L602S	(94.08-98.08) (95.08-98.09) 
GWD-45A 16100-97206-000 16100-97212-000 16100-B9140 16100-B9330	JBDET JBDE JCDET	660	COPEN MAX MOVE STORIA OPTI	L880K L952S/962S L902S L912S L802S M112S	(02.06-04.05) (01.11-04.05) (98.10-02.09) (01.10-02.09) (98.11-00.02) (98.03-04.05) 
GWD-46A 16100-87390-000 16100-87395-000 16100-B9090	DL DIESEL	2800	DELTA TAFTA RUGGER	V57 F73G F73W F78G F78W	(84.09-95.04) (93.05-97.05) (93.05-97.05) (93.05-97.05) (93.05-97.05) 
GWD-47A 16100-97221-000 16100-97240-000 16100-97502-000 16100-B9190	EFSE	660	HIJET ATRAI MIDGIT II	S200C/200P/210C/210P S200V/210V S200W/210W S320V/330V S320W/330W K100C/100P	(98.12-07.12) (98.12-04.11) (00.01-04.11) (04.11-07.12) (05.01-07.12) (99.08-01.07) 
GWD-48A 16100-97207-000 16100-97241-000 16100-B9100	EFSE	660	OPTI MIRA MOVE	L800S/810S L250S/250V/260S/260V L700S/700V/710S/700V L900S	(98.11-02.08) (02.12-07.11) (98.10-02.12) (98.10-00.10) 
GWD-49AH 16100-87231-000 16100-87506-000 16100-87508-000	EFZS EFGS EFRS	660	HIJET ATRAI	S100C/CT/P/V/W S110P/V/W S120V S130V	(95.12-98.12) (95.12-98.12) (95.12-98.12) (95.12-98.12) 
GWD-50AH 16100-97205 (GWD-50AH=GWT-134AH)	EJVE EJDE	1000	MIRA STORIA YRV	L701S/711S M100S/110S M200G	(02.08-05.03) (98.01-04.05) (00.08-02.12) 
GWD-51A 16102-97207 16100-BZ020 16100-BZ030	EFDET	660	MIRA MOVE TANTO	L250S/260S L150S/160S L550S/560S L350S/360S	(04.02-07.11) (04.02-06.10) (04.08-09.03) (03.11-07.12) 




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PART NO.	APPLICATION GUIDE			
GWD-51AH 16100-97243-000 16100-B9130	EFDET	660	MIRA L250S/260S (04.02-07.11) MOVE L150S/160S (04.02-06.10) TANTO L550S/560S (04.08-09.03) L350S/360S (03.11-07.12)	
GWD-52A 16102-97206 16102-B2010	EFDEM EFDET EFVE EFVN EFDE	660	MAX L950S/960S (04.05-05.11) MIRA L950S/960S (04.05-05.11) TANTO L250S/250V/260S (04.02-07.11) TERIOS L250V/260V (02.12-07.11) TERIOS KID L650S/660S (04.11-09.03) TERIOS LUKIA L700S/710S (04.05-04.10) L700S/710S (04.05-04.10) L701S/711S (04.05-04.10) L250S/260S (04.02-07.11) L150S (04.01-06.10) L160S (04.02-06.10) L550S/560S (04.08-09.03) L350S/360S (04.05-07.12) J111G/131G (03.08-06.08) J111G/131G (03.08-12.01)	
GWD-52AH 16100-97242-000 16100-B9050 16100-B9120	EFDEM EFDET EFVE EFVN EFDE	660	MAX L950S/960S (04.05-05.11) MIRA L950S/960S (04.05-05.11) TANTO L250S/250V/260S (04.02-07.11) TERIOS L250V/260V (02.12-07.11) TERIOS KID L650S/660S (04.11-09.03) TERIOS LUKIA L700S/710S (04.05-04.10) L700S/710S (04.05-04.10) L701S/711S (04.05-04.10) L250S/260S (04.02-07.11) L150S (04.01-06.10) L160S (04.02-06.10) L550S/560S (04.08-09.03) L350S/360S (04.05-07.12) J111G/131G (03.08-06.08) J111G/131G (03.08-12.01)	
GWD-53A 16102-97203	EFVD	660	MIRA L250S (02.12-07.11)	
GWD-53AH 16100-97228-000 16100-B9110	EFVD	660	MIRA L250S (02.12-07.11)	
GWD-54A 16102-97204	EFVE	660	HIJET S200C/P (02.01-07.12) ATRAI S210P	

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PART NO.	APPLICATION GUIDE					
GWD-55A 16100-B9450 16100-B9451 16100-B9452 16100-B9461	KFVE KFDET	660	ATRAI ESSE TANTO HIJET MIRA MOVE	L235S/245S S201C/201P/211C/211P S321G/331G S321V/331V S321V/331V/321W/331W L275S/285S L275S/285S L275V L275V/285V L675S/685S L175S/185S L175S/185S L575S/585S L575S/585S L375S L375S/385S L455S L455S/465S L465S	(06.12-12.01) (07.12-12.01) (07.08-12.01) (07.12-12.01) (07.12-12.01) (06.12-12.01) (06.12-12.01) (08.02-12.01) (07.10-12.01) (09.07-12.01) (06.10-10.12) (06.10-10.12) (08.08-11.06) (08.09-11.06) (07.12-12.01) (07.12-10.10) (09.12-12.01) (09.12-12.01) (09.12-10.10)	
GWD-56A 16100-B9350 16100-B9455 16100-B9464	KFVE	660	TANTO MIRA MOVE HIJET	L375S,L385S,L455S,L465S L275S/V,L285S/V,L675S, L685S L575S,L585S S321V/W,S331V/W	(10.10-) (10.10-) (10.10-) (08.12-)	
<u>DISCONTINUED</u>			<u>GWD-11A(16100-87303-000)</u>			

FIAT






PART NO.		APPLICATION GUIDE	
GWFI-01A 4297101 5893339 5894255 5883960 5893336 5894129 5993339 7719919 7784978 <div>4194951 4243593 4329406 4384128 5882695 5983960 W/HOUSING NO.</div>	69-78 69-82 71-76 72-79 72-81 73-79 74-82 74-84 75-78 75-79 78-82 78-89 82-87 83-85 83-87 83-88 83-89 83-90 84-86 85-87 85-88 85-89 86-89 89-92 89-93 89-96	1100 1300 1400 1500 1600	128,X 1/9 ZASTABA 101 SEAT 128 Rally (AR) Sport Coupe (AC 5) Coupe (AC) Coupe Berlinetta (AC) Familiare (AF) Familiare (AF1) 1/9 (128 AS) 1/9 (128 AS) Exclusiv Serie 1/9 (128 AS) Five Speed (138) 70 (138) 75 (138) 85 (138) 85 Super Weekend 100 (RF) Bertone Convertible 50 I (138A) 65 I (138A) 70 I (138A) 75 i.e. II (138A) 60 II (138A) 70 II (138A) 75 CAT II (138A) 85 (146A/E) Turbo i.e. (146A/E) 50 (146A/E) 55 (146A/E) 60 (146A.EG) (146A/E) 70 (146A/E) 70 i.e. (146A/E) 70 S
			
GWFI-02A 4067807 4068101 4119143	61-67 63-70	1300 1500 1800 1100T	ZASTAVA PZ125,POLSKI FAT 125P 1000er-Serie (116)
			
GWFI-03A 4314160 4314162 4331825 5882689	69-73 69-74 70-73 71-75 72-76 73-75 73-76 76-80 78-80 78-81 79-82	1300 1400 1500 1600 1800 2000	132GLS,131RALLY,RACING 131(USA),124 SPECIAL SEAT 153 Special T Coupe Sport Coupe Sport (BC 1) Coupe Sport (CC1) Spider Sport (BS) Spider Sport (BS1) Spider Sport (CS) Spider Sport (CS1) Super Mirafiori Super Mirafiori (A) Abarth Rally Racing
			

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FIAT

PART NO.	APPLICATION GUIDE		
GWFI-03A	72-74	1300	GLS (A1)
	73-79	1500	Special (A1)
	75-77	1600	GLS
	76	1700	i.e.
	78-85	2000	(132A)
	78-89		(132A) i.e.
	80-82		1/9 (128 AS) Exclusiv Serie
	81-86		1/9 (128 AS) Five Speed
			
GWFI-04A 4129810 5882684	66-73	1200	124,241
	66-75		SEAT 124,124 SPECIAL
	67-73		(TA)
			Familiare
			
GWFI-05A 4320086 4332090 4332336 4336188 5882690	74-76	1300	131 S MIRAFIORI
	74-82	1600	131 SUPER
	74-81	1900	Mirafiori
	75-82	2000	(S)
	75-78		Familiare/Panorama Mirafiori(AF)
	74-89		Familiare/Panorama CL (AF1)
			SERIE Box
			SERIE Bus
			
GWFI-06A 2101-1307010 4197598	72-		LADA(USSR) 1200L
			1300L,1500S,1600GL,VAZ124,
			VAZ2101,ZHIGULI
			
GWFI-07A 4336009 4436099 5882691 5890406 7597577 71737960	77-	1000	127(1050cc)
	78-83	1050	Sport
	81-86	1100	Diesel
	77-86	1300	Panorama
	82-83	1700	Panorama Diesel
	80-95		D
	87-91		Panorama
	86-93		Panorama D
	86-92		(146 B) 60
			(146 B) 70
			Weekend (146B) 60
			Weekend (146B) 70
			Weekend (146B) DS
			(146_)
			(146_) D
			

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FIAT

PART NO.		APPLICATION GUIDE		
GWFI-07A	78-82	1000	(127) 1050	
	80-87	1100	(147)	
	82-87	1300	(147) 60	
	82-88		(147) Diesel	
	83-92		Box (146 Uno) 60	
	84-88		Box (146 Uno) 70	
	84-95		Pick up (146)	
	85-89		Pick up (147)	
	86-88		Pick up (147) D	
	86-89		(141A_) D	
	86-92		I (138A) 60	
	86-93		(146A/E) Super Diesel	
	88-93		(146A/E) 45 (146A.ED)	
	88-94		(146A/E) 45 i.e.	
	92-93		(146A/E) 55	
	94-00		(146A/E) 50 (146A/E) 50 i.e. (146A/E) 60 (146A.EG)	
				
GWFI-09A 4269431 58826787 5955242 5882687 5955242	66-73	1400	132,124 SPECIAL	
	67-76	1500	Special	
	68-75	1600	Coupe Sport	
	69-74	1700	Coupe (BC 1)	
	69-77	1800	Coupe Sport (CC 1)	
	70-73		Spider Sport (BS)	
	72-74		Spider Sport (BS1)	
	72-75		Spider Sport (CS)	
	72-76		Spider Sport (CS1)	
	72-77		Spider Rally Abarth (CSA)	
	73-76		Special (A1)	
				
	GWFI-11A 4081489 4081499	59-	1500	FIAT 1500,1500L,1800B
		64-68	2300	disengaging fan
61-69			2300 w/o air cond.	
64-67			POLSKI 125P	
62-69			ZASTAVA 1500	
			1000er-Serie 1000er-Serie (116) 1500 Convertible 1500-2300	
				
GWFI-12A* (4405285, 5924366 4429224, 5990701 4429228, 7633560 4465144 W/HOUSING + PULLEY NO. 7671810)	78-82	1100	REGATA 1300cc,1500cc	
	78-89	1300	RITOMO 1300cc 65,75L,75C	
	79-	1400	REGATA 1300cc,1500cc A/T	
	80-89	1500	X-1/9,STRADA U.S.A. MODEL	
	81-82	1600	TIPO 1400cc,1600cc	
	82-87		(138) 70	
	83-85		(138) 75	
				
	continued			

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FIAT

FIAT

PART NO.	APPLICATION GUIDE		
GWFI-14A 0055184080 46423351 46531183 71713727	999 1108 1242	PALIO (98.06-01.02) PANDA (86.01-04.07) PUNTO (94.04-00.06) UNO (84.04-95.10)	
GWFI-15A 7617168 7635148 7651586 7691046 7691047 7723345 7770038 7784979	1372 1581 1581 1372 1581 1581 1372 1581 1595 1581 1581 1581 1581 1372 1372 1581 1581	FIAT FIORINO Box(146Uno)70i.e.1.4 (94.05-01.05) FIAT FIORINO Box(146Uno)75i.e.1.6 (93.10-01.05) FIAT FIORINO Pick up(146) 1.6 (94.01-01.05) FIAT TEMPRA(159)1.4i.e.(159.AC,159.AX) (92.03-96.08) FIAT TEMPRA(159)1.6i.e.(159.AE) (90.06-92.07) FIAT TEMPRA(159)1.6i.e.(159.AS,159.AT) (92.06-96.08) FIAT TIPO(160)1.4i.e.(160.AP,160.AD,160.EA) (89.05-95.04) FIAT TIPO(160)1.6(160.AE) (88.01-91.10) FIAT TIPO(160)1.6i.e. (88.02-91.05) FIAT TIPO(160)1.4i.e.(160.A1,160.EC,160.EB) (92.10-95.04) FIAT TIPO(160)1.6i.e.(160.AF) (90.07-93.01) FIAT UNO(146A/E)1.6 (89.12-93.12) FIAT UNO(146A/E)70i.e.1.4 (89.09-93.12) INNOC ELBA(146)1.4i.e.(146EN,146EQ) (94.09-96.12) LANC DEDRA(835)1.6i.e.(835AN)I (93.04-99.07) LANC DEDRA(835)1.6i.e.(835EB)CATI (94.07-99.07)	
<u>DISCONTINUED</u>		<u>GWFI-10A(4243679, 4296890)</u> <u>GWFI-10AH(4384129, 5939200,5882694)</u>	

FORD






PART NO.	APPLICATION GUIDE		
GWF-01A			(U.K.)
1126040	68-71	1100	CORTINA MK II
1233204	68-76	1300	ESCORT
1518093	69-77	1600	CAPRI
1487478	70-75	900	(GERMANY)
5005054	71-73	950	ESCORT I , II
5020717	74-77		
6041801	74-80		
691F-8501AA	75-79		
69IF8505BA	75-80		(USA)
70IF8505AA	76-81		FORD PINTO,MERCURY CAPR 4cyl
88EX8591AAC	78-85		
88FX8591C1B			II (GECF) CAPRI
88FX8591C2B			III (GECF)
88FX-8591CA			I (AFH,ATH) ESCORT
A790X8591EBA			I (AFH,ATH) GT
A790X-8591ECA			I Estate (ADH)
D0RY-8501A			II (ATH)
D1FZ-8501B			II (ATH) RS
DORY-8501A			II Estate
EPW730			II Estate (BADR)
ME88FX8591C2B			II Estate (CADR)
			(GBTK) TAUNUS
GWF-02A			(U.K.)
1126039	59-70	950	ANGLIA 105E,123E,VAN
1206633	68-70	900	ESCORT, VAN
1518120	68-71	1600	CORTINA MK I ,MK II
5005054	68-76	1300	CAPRI
105E-8501A		1100	PREFECT 107E,CORSAIR
1711733			(GERMANY)
5005004			ESCORT
5020716			
88EX8591A1B			
88EX8591A2B			I (AFH,ATH) ESCORT
88EX-8591AA			I (AFH,ATH) GT
A790X-8591BCA			I Estate (ADH)
EPW181			
ME88EX8591A2B			
GWF-03A			(U.K.)
1126030	70-80	1300	ESCORT
1126031	71-74	1500	CAPRI 1600,CONSUL
1233214	72-75	1600	CORTINA MK III,GRANADA
1518087	73-77	2000	TRANSIT
5004978	74-77		(ECJ) CAPRI
5010875	75-77		II (GECF)
5010876	75-80		III (GECF)
5010880	77-82		(GGFL),Coupe (GGCL),Turnier (GGNL) CONSUL
5011864	77-85		II (ATH) RS Rear Wheel Drive ESCORT
5013267	77-86		II (ATH) RS (BATN)
5014270	78-87		(GU) GRANADA
6135824	82-87		(GGTL,GGFL)
6158875	85-92		Estate (GNU)
1484376	91-94		Estate (GGNL)
1528548	95-00		100 I P
5004972,6052804			Box (T__) (TAS) TRANSIT
5005058			Box (T__) (TAL,TAS,TGL,TWS)
70HF-8501BA			Box (V__) (WS)
70HM8505AA			Box (V__) (VHL,VVS),(VVL)
70HM8505RO1			Box (V__) (VVS)
A790X8591EFA/DA			Bus (E__)
A830X8591A1UB			Bus (E__)(EBL,EBS,ECL,EDS,EDL,EGL,ESS,ESL,EUS)

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FORD

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FORD

PART NO.		APPLICATION GUIDE		
GWF-06A APW5000 XC8501CRB	76-	3300 4100	(AUSTRALIA) CORTINA TD,TE FAIRLANE ZH,ZJ FALCON XC,XD	(200,250) (250) (250) 
	63-77		FALCON(AUSTRALIA) XD 6cyl w/Air conditioning	
GWF-08A 1446372 1446373 1501255 5007171 5004981 5005039 5005171 5005794 6007276 EPW932	65-70 66-72 69-74 71-78 72-74 72-75 72-76 73- 74-77 76-77 78-81	1700 2000 2500 3000	(U.K.) CAPRI GT, V4 CORSAIR V4 ZEPHYR , MKIV,ZODIAC V4, V6 MKIV,CONSUL V4 12/30 CWT TRANSIT 75 petrol A series TRUCK, 3000 diesel I (ECJ) CAPRI II (GECF) III (GECF) (GGFL),Coupe (GGCL) CONSUL Turnier (GGNL) Bus (72E,73E) FT 100 (72E2A) TRANSIT Box (72E,71E) FT 100 (72E2A) Flatbed/Chassis (74E) FT 100 (GERMANY) GRANADA (GGTL,GGFL),Estate (GGNL) GRANADA	
GWF-08AH 1446372 1446373 1501255 682F-8501AA/BA 722F-8501AA	65-70 66-72 69-74 72-74 73- 76-77	2000 2500 3000	(U.K.) CAPRI GT V4 CORSAIR V4 ZEPHYR MKIV,ZODIAC V4, V6 MKIV,CONSUL V4 12/30 CWT TRANSIT 75 petrol A series TRUCK 3000 diesel (GERMANY) GRANADA	
GWF-09A 1511175 , 5004988 5020424 , 6031236 715F-8501AAD A790X8591ADA 88VX8591AA EPW32	71-78 77- 77-85 77-86	2300 2400	TRANSIT diesel Box (V__) D (VVS) TRANSIT Bus (72E,73E) D FT 100 (72E2X) Bus (V__) D (VAS,VL,VIL,VZS) Flatbed/Chassis (V__) D (VGL,VSL,VT, VCS,VDS)	

FORD





PART NO.	APPLICATION GUIDE			
GWF-10A 1126045 , 1213104 1518094 , 5024603 5005197 , 6039328 5010783 6050034 , 6050907 77BF8501AA/AB 77IF8505AA 90BX8591A1B 90BX8591AA A790-8591HFA A790X8591H2FA A790X8591HFA D8RZ-8501A , EPW985 ME790X8591H2FA	76-80 76-83 77-86 80-85 81-83 81-86 83-89 85-90 86-90	1000 1100 1300 1600 900	FIESTA(GERMANY,USA) '81 Express (AVA) '86 Express (AVF) III (GAA) III Estate (AWA) IV (GAF,AWF,ABFT) IV Estate (AWF,AVF) Box (FVD) Box (WVFT) (WVFT) I (GFBT) I (GFBT) (WFBT) I (GFBT) XR2 II (FBD) (FBD) II (AFF)	ESCORT FIESTA ORION
GWF-11A D0AZ-8501C/E D1AZ-8501A D2SZ-8501A D6AZ-8501A	70-79 73-79 77-82		FORD,MERCURY LINCOLN FORD TRUCK,	8cyl 8cyl 8cyl (351C,M, 400) (351M,400) (351M,400)
				 ●Aluminum body
GWF-14A 1124359 1518116 1527289 , 5005194 5007749 , 5007852 5025831 6043065 , 6049790 92TX8591A2B 92TX8591AA A810X8591FA/HA EPW56 EPW58 EPW981 ME92TX8591A2B	70- 71-76 72-75 72-76 72-77 74-77 75-79 77-81 77-85 78-82 79-85 81-87 82-86	1800 2000 2300 2600 2800	GRANDA,CORTINA,TAUNUS CAPRI,CONSUL,SIERRA II (GECF) III (GECF) III (GECF) Super III (GECF) Super Injection (GGFL),Coupe (GGCL),Turnier (GGNL) (GGTL,GGFL) (GU) (GU) i Coupe (GGCL) Estate (GGNL) Estate (GNU) Estate (GNU) i Estate (BNC),Hatchbak (GBC) (GBTS,GBFS,CBTS) Coupe (GBCK) V6 Turnier (GBNS)	V6 CAPRI CONSUL GRANADA SIERRA TAUNUS
GWF-15A D27Z-8501A D77Z-8501A 38115010	72-83	1800 2000	COURIER PICK-UP	
GWF-16A D4FZ-8501A D4ZE8505AB D8FZ-8501A	74-82	2300	COURIER,PINTO 2300 MERCURY Bobcat,Comet,Montego	4cyl & 6cyl 

FORD

PART NO.	APPLICATION GUIDE		
GWF-17A 5004998 , 5020425 6065714 791F8501AA 88AX8591AA A790X8591ARA EPW44 1126037 88AX8591A1B 88AX8591A2B	73- 1100 74-80 1300 75-80 1600 78-85	ESCORT II CORTINA MK IV III (GECP) CAPRI II (ATH) ESCORT II (ATH) RS II Estate	
GWF-18A 5004995/7 , 5006043/6 5009286/7 , 5010887 6065711/2 , 6135823 A790X8591ANA A820X8591BA A830X8591JA A790X8591ALA A790X8591DA A790X8591RLA A820X8591AA EPW41 EPW50 EPW68 EPW69 ME840X8591B2BB 1126032 1233215 1518088 5010877 5013268 5013274	77-82 1300 77-85 1600 77-86 2000 78-87 79- 79-82 82-86 82-87 85-89 85-92 86-92 87 87-93 89-93 90-93 91-94 94-00 95-00	TAUNUS,CORTINA,CAPRI GRANADA,TRANSIT III (GECP) (GU),Estate (GNU) (GBG,GB4) (GBG,GB4) i Estate (BNC) Hatchbak (GBC) Hatchbak (GBC,GBG) Hatchbak (GBC,GBG) 16V Cosworth 4X4 Hatchbak (GBC,GBG) 16V Cosworth 4X4 CAT '80 Turnier (GBNS) '80 (GBS,GBNS) Box (E__),Box (E__) i (EAL,EAS) Box (T__) (TAS) Box (T__) (TAL,TAS,TGL,TWS) Box (V__) (WS) Box (V__) (VHL,VVS),(VVL) Box (V__) (VVS) Bus (E__) (EBL,EBS,EDS,EDL,EGL,ESS,ESL,EUS) Bus (E__) CNG Bus (T__) (TBL,TES) Bus (T__) (TBS,TCL,TCS) CAT Bus (T__) (TBS,TCL,TCS,TEL,TES) Bus (V__) (VAS,VLS,VZS) Bus (V__) (VAS,VBLVIL,VLS,VUL,VZS) Bus (V__) (VAS,VIL,VLS,VUL,VZS) Flatbed/Chassis (E__) (EME/L/S,ENE/L/S) Flatbed/Chassis (E__) (TTE,TTL,TTS) Flatbed/Chassis (E__) (TUL) CAT Flatbed/Chassis (E__) (VCS,VDS) Flatbed/Chassis (E__) (VGL,VSL,VTL,VCS,VDS) 100 I 100 II	CAPRI GRANADA SIERRA








FORD

PART NO.	APPLICATION GUIDE				
GWF-22A D4BZ-8501A E3BZ-8501A E3TZ-8501A E4BZ-8501A E37E8505AA E6ZZ8501A E87EAA E87EAB	82	3800	LINCOLN CONTINENTAL,	V6	(230)
	82-83		FORD TRUCK F100	V6	(230)
	82-87		FORD	V6	(230)
			MERCURY	V6	(230)
					
GWF-23A C9TZ-8501A D0AZ-8501F D0OZ-8501B/C D0ZZ-8501A/B D6ZZ-8501B D0AZ8501B D0AZ8501C D0OZ8501F D5UZ8501A	69-87		FORD	8cyl	(255,302,351W)
	70-82		FORD TRUCK	8cyl	(255,302,351W)
	77-80		LINCOLN	8cyl	(302,351W)
			MERCURY	8cyl	(255,302,351W)
					•Aluminum body
					
GWF-24A D3RY-8501B D4ZZ-8501A D6ZZ-8501A D8ZZ-8501A D3RY8501C TF728505AA 73TF8505AA	73	2600	FORD MUSTANG,PINTO	V6	(171)
	74-79	2800	MERCURY BOBCAT,CAPRI		
			MERCURY CAPRI	V6	(159)
					•Aluminum body
					
GWF-25A 1499785 5005193 6043064 71F8501AA A7908591HBA A790X8591HBA EPW980 ME92TX8591C2B 1124361 1518108 5025833 92TX8591CA 92TX8591C2B 1499705 71TF8501AA	70-76	1800	TAUNUS,CAPRI,CONSUL,GRANADA		
	71-79	2000	w/o FAN CLUTCH	V6	
	72-75	2300			
	72-77	2600			
	76-77	2800			
	77-85		II (GECF) CAPRI		
	79-85		III (GECF)		
			III (GECF) Super		
			(GGFL),Coupe CONSUL		
			(GGTL,GGFL) GRANADA		
			(GU)		
			(GU) i		
			Coupe (GGCL)		
			Estate (GGNL)		
			Estate (GNU)		
			Estate (GNU) i		
			(GBFK) V6,(GBTK) V6	TAUNUS	
					




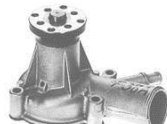


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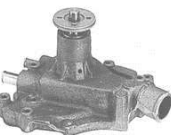

PART NO.	APPLICATION GUIDE				
GWF-25A	67-74 2000 68-74 2300 70-76 75-79 75-79	(GBTS,GBFS,CBTS) TAUNUS 17M (31F)/(32F)/Coupe (33F) 17M Turnier (36F) 20M (41F)/(42F)/Turnier (46F) 20M Coupe (43F) 20M XL (51F)/(52F)/Coupe (53F) Coupe (GBCK) V6 Turnier (GBNS) 			
GWF-26A D9AZ-8501A E0AZ-8501A D9AE8505CE E0AE8505AA E7AE8505AA E8AZ8501A E9AE8505BA FOAZ8501A F0AZ8501A	80-85 4200 5000 5800	FORD,MERCURY,LINCOLN V8 (255) PASSENGER (302) WINDSOR eng (351) 			
GWF-27A D9ZZ-8501A E0ZZ-8501A E2ZZ-8501A D9ZE8505AE E0ZE8505BB E1ZE8505AA E4ZZ8501A	79-85 4200 5000	FORD MUSTANG V8 (255) MERCURY CAPRIS (302) 			
GWF-28A D5BZ-8501A D8BZ-8501A C5DE8505AB D5DE8505AB D8BE8505CA	75-85 3300 (from APRIL 75)	FORD,MERCURY 6cyl (200) PASSENGER •Aluminum body 			
GWF-29A C0DE-8587A C0DZ-8501A/B/C C6DZ-8501A/B/C/D D4DZ-8501A	60-75 2400 2800 3300	FORD BRONCO,FALCON MAVERICK, 6cyl (144) MUSTANG E100,P100 (170) MERCURY COMET,MONTIGO (200) 			

continued

FORD

PART NO.		APPLICATION GUIDE			
GWF-29A	75 3300 (before APRIL 75)	FORD,MERCURY w/o Air con.	6cyl (200)		
					•Aluminum body
GWF-35A D2VY-8501A D4VY-8501A D5TZ-8501G D8TZ-8501B E4TZ-8501D/E	70-78 7000 73-85 7500	FORD TRUCK	V8 (460)		
		FORD,MERCURY	V8 (429) (460)		
GWF-36A* (E43Z-8501A E93Z-8501A W/HOUSING NO. Z93Z8501B)	84-85 2300	FORD TEMPO MERCURY TOPAZ	4cyl (140)		
GWF-37A C5AZ-8501C/D/G/F/M C5AZ-8501N/R/S/U/V/W C8AZ-8501A/B D0AZ-8501A/D D2TZ-8501C , D4TZ-8501B D4TZ8501H	64-76 5400 5800 5900 6400 6700 7000	FORD,MERCURY	V8 (330)		
		FAMILY,TRUCK,INDUSTRIAL (Partial applications)	V8 (352) V8 (360) V8 (390) V8 (410) V8 (427,428,429)		
GWF-38A C9DZ-8501A D0DZ-8501A D1DZ-8501A D2DZ-8501A D5DZ-8501A APW5000 APW5002 D0AZ8501A 2930V990039	69-80 4100	FORD,MERCURY PASSENGER 6cyl	(250)		
		*Partial applications	•Aluminum body		
GWF-39A D4TZ-8501C D5TZ-8501B E2TZ-8501A E4TZ-8501B E9PZ8501D	82 5000 74-82 84-85	FORD TRUCK	6cyl (300)		
		FORD BRONCO,TRUCK E-F150/350 (single rear wheel) FORD BRONCO,TRUCK E-F150/350 6cyl (300) GWF-39A=(GWF-32A) •Aluminum body			
GWF-40A 5008470 A810X-8591SA 5018852 EPW33 1126036 5018437	80-85 1100 81- 1300 81-86 1600 85 86-90	ESCORT	CVH eng		
		'81 Express (AVA) '86 Express (AVF) III (GAA) III (GAA) i (GAA)	ESCORT		continued






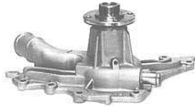
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PART NO.		APPLICATION GUIDE				
GWF-40A 870X8591AA 870X8591A1B 870X8591A2B 6099125 6135823	80-85	1100	III (GAA) RS Turbo	ESCORT		
	82-85	1300	III (GAA) XR3i / RS i			
	83-85	1400	III Convertible (ALD)			
	83-86	1600	III Convertible (ALD) i			
	83-87		III Estate (AWA)			
	84-85		IV (GAF,AWF,ABFT)			
	84-89		II (FBD) (FBD)	FIESTA		
	85-90		II (FBD)			
	89-93		II (FBD) XR2 (FBD)			
			I (AFD)	ORION		
		I (AFD) i				
		(GBG,GB4) I , Hatchback (GBC,GBG) i		SIERRA		
GWF-41A C6AZ-8501A/B/C D2AZ-8501A D5TZ-8501A E3TZ-8501G	65-70	5000	FORD TRUCK 150-350 series	(300)		
	71-77		P350-500 series			
			FORD TRUCK	(240, 300)		
			MERCURY METEOR 240 eng	V6 (240)		
			●Aluminum body			
GWF-42A C5AZ-8501E/H/L/T C5OZ-8501B/C/D/G C9AZ-8501A/B C9ZZ-8501A D3UZ-8501A C5OE8505B C5OZ8501E/F/H C6OE8505A/B C8AE8505J C8OE8505D	65-77	5000	FORD TRUCK,PASS	V8	(289, 302, 351)	
		5800	MERCURY			
GWF-44A E1AZ-8501A E1AE8505AA E6AZ8501B E6MY8501A	80-86	5000	FORD PASS.TAXI,POUCE	V8	(302, 351)	
		5800	MERCURY PASS.TAXI,POUCE	V8	(302, 351)	
			LINCOLN			
GWF-47A 5004980 5007851 A790X8591NA A810X8591GA EPW19 EPW57 ME92TX8591B2B 1124360 1518117 5025832 92TX8591BA 92TX8591B2B 813X8591GA	72-75	2000	CORTINA MK IV	V6		
	72-76	2300	III (GECF)		CAPRI	
	77-85	2800	III (GECF) Super			
	78-82		III (GECF) Super Injection			
	79-81		Coupe (GGCL),Turnier (GGNL)		CONSUL	
	79-82		(GGTL,GGFL)		GRANADA	
	79-85		(GU),Estate (GNU)			
	81-87		(GU) I , Estate (GNU) i			
	82-86		Coupe (GGCL)			
	83-86		Estate (BNC),Hatchback (GBC)		SIERRA	
			Estate (BNC) i 4x4 / XR4i			
			Hatchback (GBC) i XR 4x4			
			Hatchback (GBC) XR4i			
			'80 Turnier (GBNS)		TAUNUS	
			'80 (GBS,GBNS)			




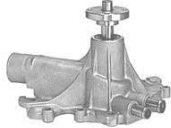

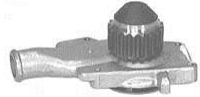
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PART NO.		APPLICATION GUIDE			
GWF-52A* <div> <div>E43Z-8501B W/HOUSING NO.</div> <div>8AG215010 8AG215100 8AG215100C</div> </div>	84-86	2000	FORD ESCORT,TEMPO MERCURY LYNX,TOPAZ	4cyl diesel	
GWF-53A E69Z-8501A E69E8505AAI F49Z8501A F49Z8501B RFE69E8505AAI	86-88		FORD AEROSTAR	6cyl (183)	
GWF-55A E7TZ-8501B E3TE8505DA E8TZ8501A E9PZ8501E E9TE8505BA E9TZ8501C F0TZ8501F F0TZ8501F	87		FORD TRUCK E-F 150/350 BRONCO	6cyl (300)	●Aluminum body 
GWF-56A E6AZ-8501A E5ZE8505A E5ZE8505AA F0ZZ8501A F3ZZ8501B	86-93	5000	FORD MUSTANG,THUNDERBIRD MERCURY CAPRI,COUGER	V8 (302)	
GWF-57A E5ZZ-8501A	85	5000	FORD LTD,MUSTANG MERCURY CAPRI,MARQUIS High output eng	V8 (302)	
GWF-58A E6TZ-8501A E7RY8501A 86TF8505BD	86-92 86-94 87-94 88-93 89-94 91 91-94 93-94 94-98 95-98	2400 2900	FORD BRONCO II ,RANGER I (GAE,GGE) i / Saloon (GGE) i I (GAE,GGE) i CAT I (GAE,GGE) i 24V / Saloon (GGE) i 24V I (GAE,GGE) i 4x4 I Estate (GGE) i I Estate (GGE) 24V I Estate (GGE) i 4x4 I Saloon (GGE) i 4x4 II (GFR,GGR) i / Estate (GNR,GGR) i II (GFR,GGR) i 24V/Estate (GNR,GGR) i 24V (GBG,GB4) 4x4 / i Estate (BNG) / 4x4 / i Hatchback (GBC,GBG) i / i XR 4x4 Bus (E_) i	6cyl (177) SCORPIO SIERRA TRANSIT	

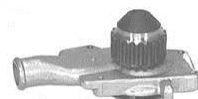
FORD

PART NO.		APPLICATION GUIDE			
GWF-59A APW5009	88-94	3900 4000	(AUSTRALIA)		
			FALCON EA,EB,ED		
GWF-60A E8DZ-8501A E8DZ8501B RFE7DE8505 RFE8DE8505	88-93	3800	FORD JAURUS,MERCURY SABLE, 6cyl	(230)	
			LINCOLN CONTINENTAL		
GWF-61A E6ZZ-8501A	83-89 88-89	2000 2300	FORD MUSTANG,THUNDERBIRD, 4cyl	(140)	
			MERCURY COUGAR,MERKUR,XR4Ti		
GWF-62A E8TZ-8501A F0TZ-8501F	87-92	4900	FORD TRUCK E-F 150/350,BRONCO	6cyl (300)	
				●Aluminum body	
GWF-63A E8SZ-8501A E9SZ-8501A E9SE8505CA F1SZ8501B RFE8SE8505 RFE9SE8505	88-	3800	FORD THUNDERBIRD,	6cyl (230)	
			MERCURY COUGER		
GWF-64A E92Z-8501A F02Z8501A OFE1H15010G OK71015010 8AG215010A 8AH215010 8AK115010 FEMJ15100	88-	2200	FORD PROBE	4cyl	
GWF-65A 5013320 5020651 A840X8591BCA EPW70 ME88SX8591A2B 1053055	86-	1600	(GERMANY)		
			ESCORT III ESCORT VAN FIESTA ORION	CVH CVH CVH CVH	

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FORD

PART NO.	APPLICATION GUIDE				
GWF-65A 1126041 1233205 1518091 88SX8591AA 88SX8591A1A 88SX8591A1B 88SX8591A2B	83-86	1300	(U.K.)		
	83-89	1400	ESCORT III 1400,1600(CVH)	CVH	
	84-89	1600	ESCORT 1400,1600(CVH) VAN	CVH	
	85-90		FIESTA 1400,1600(CVH)	CVH	
	86-89		ORION 1400,1600(CVH)	CVH	
	86-90		'86 Express (AVF) i		ESCORT
	87-90		'91 Express (AVF)		
	89-93		'95 Box (AVL)		
	89-95		IV (GAF,AWF,ABFT)		
	90-92		IV (GAF,AWF,ABFT) i/Turbo RS		
	90-93		IV (GAF,AWF,ABFT) XR3i		
	90-94		IV Convertible (ALF)		
	92-93		IV Convertible (ALF) i/XR3i		
	92-94		IV Estate (AWF,AVF)		
	92-95		IV Estate (AWF,AVF) i		
	93-95		V (GAL)/Convertible (ALL)/Estate (GAL,AVL)		
	95-98		VI (GAL)/Estate (GAL)		
	95-99		VI Convertible (ALL)		
			VI Convertible (ALL) i		
			VI Saloon (GAL)		
			VII (GAL,AAL,ABL)/Convertible (ALL)		
			VII Estate (GAL,ANL)/Saloon (GAL,AFL)		
			II (FBD) (FBD)		FIESTA
			II (FBD) XR2 (FBD)		
			III (GFJ)		
			III (GFJ) CAT		
			III (GFJ) Turbo (FBJT)		
			III (GFJ) XR2i		
			I (AFD) i		ORION
			II (AFF)		
			II (AFF) CAT		
			II (AFF) i		
			II (AFF) i CAT		
			III (GAL)		
			III (GAL) i		
			III (GAL) i 16V		
GWF-66A E8BZ-8501A E8BZ-8501B E7GZ8501A E9BZ8501A E9BZ8501AA FZB78501A F4BZ8501A F4BZ8501B	87-	1300 1600	FESTIVA 1300 MERCURY Tracer 1600 (KOREA KIA) PRIDE		
GWF-67A E7TZ-8501A E9TZ-8501D F0TZ-8501E F3TZ8501A F3TZ8501B F3TZ8501C	87-94	5000 5800	FORD TRUCK,BRONCO	V8 V8	(302) (351)










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FORD

PART NO.	APPLICATION GUIDE				
GWF-67A F3TZ8501D F5TE8505C5A F5TZ8501H2A					
GWF-69A F0CZ-8501A	91	1900	FORD Escort,MERCURY Tracer 4cyl		
GWF-70A E8AZ-8501A F0AZ-8501A D9AE8505CE D9AZ8501A E0AE8505AA E0AZ8501A E7AE8505AA E9AE8505BA	88-91	5000	FORD MERCURY Passenger V8 LINCOLN TOWN Car	(302)	
GWF-71A E9JY-8501B E9JY8501BA E9J485013 8AB815010	91-96	1800	FORD ESCORT,MERCURY TRACER,	4cyl (109)	
	91-94	1600	MERCURY CAPRI,98(1.6L)	4cyl (98)	
GWF-72A F1CZ-8501A F4CZ8501A F5CZ8501A F6PE8505AA F6PZ8501AA	91-96	1900	FORD ESCORT MERCURY TRACER	4cyl (116)	
GWF-73A F3XY-8501B F3XZ8501BA 21010160 21010260	93-94	3000	MERCURY VILLAGER VAN		
GWF-75A F4AZ-8501A F1VY-8501A F1AE8505AD F4AZ8501AA F8AZ8501AA (AW4066)	91-96	4600	LINCOLN,MERCURY	(281)	

FORD

PART NO.	APPLICATION GUIDE				
GWF-76A F2UZ-8501A (AW4079)	92-93	49000	FORD TRUCK	(300)	
GWF-77A F0TZ-8501D F0TZ8501G F5TZ8501C F7PZ8501AA F7TZ8501AB F7TZ8501AD 90TM8505AC 95TM8505AA (AW4060)	90-96 93-98	4900 4000	AEROSTAR,BRONCO II ,EXPLORER,RANGER (U2) V6 All-wheel Drive	(300) USA EXPLORER	
GWF-78A* (EF8501KT W/PULLEY NO.)	94-02	4000	FORD FALCON AUSTRALIA USE. EF	6cyl	
GWF-78AP EF8501KT	94-02	4000	FORD FALCON AUSTRALIA USE. EF	6cyl	
GWF-79A F4DZ-8501A RFF4DE8505AB (AW4089)	94-95 95 94	3.8L	FORD TAURUS,MERCURY SABLE V6 FORD WINDSTAR V6 LINCOLN CONTINENTAL V6	(232) (232) (232)	
GWF-80A F4SZ-8501A RFF4SE8505AB (AW4090)	94-95	3800	FORD MUSTANG V6 FORD THUNDERBIRD,MERCURY V6 COUGAR w/o SUPERCHARGED	(232) (232)	
GWF-81A F5TZ-8501A F6TZ-8501KA F6TZ-8501KB F3TZ-8501E F6TE8505LA (AW4099)	93-96	4900	FORD E100/350 VAN F100/350 PICKUP	6cyl (300)	

FORD

PART NO.	APPLICATION GUIDE				
GWF-82A F5DZ-8501A F6DZ-8501FA F8DZ8501AA RFF58E8505AC XF1Z8501AA 1F1Z8501AA (AW4094)	95 95-99 96-98	3000	FORD TAURUS Exc SHO V6 (183) FORD TAURUS,MERCURY SABLE V6 (183) SOHC Eng FORD WINDSTAR V6 (183)		
GWF-83A F3LY-8501A F3LY-8501B F6LZ-8501AA	93-98 94-98 96-98	4600	FORD MUSTANG V8 (281) FORD THUNDERBIRD V8 (281) MERCURY COUGAR V8 (281) LINCOLN MARK V III V8 (281)		
GWF-84A F57Z-8501A F87Z-8501BA ZZM3-15-010 F87Z8501BB RFF57E8505BH XL5Z8501CA (AW4093)	95-98 95-97	2300 2500	FORD RANGER 4cyl (140) MAZDA B2300 PICK UP 4cyl (151)	<u>GWF-84A=(GWMZ-44A)</u>	
GWF-85A F59Z-8501A ZZM7-15-010 F59Z-8501A F87Z8501DA XL5Z8501AA XL5Z8501AC (AW4095)	95-98	3000	FORD AEROSTAR,RANGER V6 (183) MAZDA B3000 PICK UP V6	<u>GWF-85A=(GWMZ-45A)</u>	
GWF-86A 5020121 EPW97 88YX8591AA	83-85 86-91	1600 1800	FORD ESCORT FORD SIERRA		





FORD

PART NO.	APPLICATION GUIDE		
GWF-87A 5012773 5024545 EPW20 EPW38 A840X8591AA A840X8591ATA ME914F8591A2B 1233218 1518123 914FX8591AA 914FX8591A1B 914FX8591A2B	83-86	2500	FORD TRANSIT DIESEL
	85		Box (E_) DI (EAL,EAS) TRANSIT
	85-89		Box (E_) TD (EAL,EAS)/(EAL,EAS)
	86-89		Box (E_) TD (EAS,EAL)/(EAS,EAL)
	86-91		Box (E_) TD (EAS)
	88-92		Box (E_) TDI (EAL,EAS)
	91-00		Box (T_) D (TAL,TAS,TGL,TWS)
	91-94		Box (V_) D (VVL)
	92-00		Bus (E_) DI (EBL,ECL,EDS,EDL)
	92-94		Bus (E_) DI (EBL,EDL,EDS,EDL,ESS)
	94-00		Bus (E_) DI (EBL,EDS,ESL,ESS,EUS)
	95-00		Bus (E_) DI (EBS,EDS,EDL,ESS,EUS)
	97-00		Bus (E_) DI (EBS,EDS,EGL,ESS,EUS)
	98-00		Bus (E_) TD (EB_,ED_,ES_)
	99-00		Bus (E_) TD (EBL,EDL,EDS,EGL,ESL,ESS,EUS)
			Bus (E_) TD (EBS,EBL,ECL,EDS,EDL,ESS,EUS)
			Bus (E_) TD (ECL,EDL,EDS,ESL,ESS,EUS)
			Bus (E_) TD (ECL,EDS,EDL,EGL,ESS,EUS)
			Bus (T_) D (TBS,TCL,TCS,TEL,TES)
			Bus (T_) D (TBS,TEL,TES)
			Bus (V_) D (VAS,VBL,VIL,VUL,VZS)
			Flatbed/Chassis (E_) DI (EME/L/S,ENE/L/S)
			Flatbed/Chassis (E_) DI (EML,ENE/L)
			Flatbed/Chassis (E_) DI (EML/S,ENL/S)
			Flatbed/Chassis (E_) TD (EME/L/S,ENE/L)
			Flatbed/Chassis (E_) TD (EME/L/S,ENE/L/S)
			Flatbed/Chassis (T_) D (TTL,TTS,TUL,TUS,TTE) CAT
			Flatbed/Chassis (T_) DI (TTE,TTL,TUS,TUL)
			Flatbed/Chassis (V_) D (VGL,VSL,VTL,VCS,VDS)
			TOURNEO DI
			TOURNEO TD
GWF-88A 5020437 , 5025908 5026783 EPW71 , FWP1464 QCP2652 ME91BX8591C2B ME92BX8591C2B 1126048 1233209 1518095 88BX8591AA 92BX8591BA 92BX8591C1B 92BX8591C2B	83-89	1000	FORD ESCORT
	85-90	1100	FIESTA
	86-90	1300	ORION
	88-90		'91 Express (AVI) ESCORT
	89-91		'86 Express (AVF)
	89-95		IV (GAF,AWF,ABFT)
	90-91		IV (GAF,AWF,ABFT) (GAF)
	90-92		IV Estate (AWF,AVF)
	90-93		V (GAL)
	90-94		III (GFJ) FIESTA
			Box (FVD)
			II (AFF) ORION
			III (GAL)
GWF-89A 5020242 , 5024297 EPW40 FWP1465 QCP2673 EPW82 1020988 1023645 1090432 1317913 88FX8591AA 88FX8591AB 88FX8591A1C 96FF8K500AE 96FX8591AA	88-90	1800	FORD ESCORT DIESEL
	89-		FORD FIESTA DIESEL
	89-90		FORD ORION DIESEL
	90-		'86 Express (AVF) D ESCORT
	90-92		'91 Express (AVL) D
	90-94		'92 Express (AVL) D
	91-96		'95 Box (AVL) D
	92-95		IV (GAF,AWF,ABFT) D/Estate (AWF,AVF) D
	93-95		V (GAL) D/Estate (GAL,AVL) D
	95		VI (GAL) D/ Estate (GAL) D
	95-96		VI Saloon (GAL) D
	95-99		VII (GAL,AAL,ABL) D
			VII Estate (GAL,ANL) D
			VII Saloon (GAL,AFL) D
			Box (F3L,F5L) D FIESTA









Continued






FORD

PART NO.	APPLICATION GUIDE			
GWF-89A 1E015010 EPW82PA640	00 87-92 89-90 89-95 90-93 92-93 95-00 96 96-00 98	1800	Box (FVD) D (FVJ) Box (J5_,J3_) D Box (JV_) D Box (JV_) TD III (GFJ) D IV (JA_,JB_) D II (BAP) TD II Estate (BNP) TD II Saloon (BFP) TD II (AFF) D III (GAL) D III (GAL) TD 100 II TD	FIESTA MONDEO ORION P
GWF-90A F5RZ-8501B 68788045 EPW76 ME938M8591A1B 1007456 1566241 6783220 938M8501AJ 938M8591AA (AW4088)	93-96 94-96 95-97 96-00	1600 1800 2000	FORD CONTOUR 4cyl MERCURY MISTIQUE MONDEO ZH16 MONDEO ZH18 MONDEO ZH20 I (GBP) i 16V I (GBP) i 16V 4x4 I Estate (BNP) i 16V I Estate (BNP) i 16V 4x4 I Saloon (GBP) i 16V I Saloon (GBP) i 16V 4x4 II (BAP) i/Estate (BNP) i/Saloon (BFP) i	MONDEO  
GWF-91A F5RZ-8501A F63Z-8501AA XS2Z-8501BC AJY11501-0 AJ0315010B F53E8505AB F578501A XSZ8501BC XS2E8501BDBE XS2E8501CA XS2E8501EA XS2E8501EABE XS2Z8501CC XS2Z8501CD XS2Z8501CF XS2Z8501EA 1F1Z8501BA 7269023 (AW4091)	94-96 95-98 96-00	2450 2500	FORD CONTOUR V6 MERCURY MISTIQUE I (GBP) i 24V I Estate (BNP) i 24V/Saloon (GBP) i 24V II (BAP) 24V II Estate (BNP) 24V/Saloon (BFP) 24V	MONDEO 
GWF-92A F4ZZ-8501A F4ZZ-8501B (AW4087)	94-95	5000	MODEL V8 FORD MUSTANG	(302) 



FORD

PART NO.	APPLICATION GUIDE				
GWF-93A F1SZ-8501A F3PZ-8501A F1SE8505BC (AW4057)	91-93	5000	FORD THUNDERBIRD MERCURY COUGER FALCON (AUSTRALIA)	V8 V8 V8	(302) (302) (302)
					
GWF-94A F6ZZ-8501A F6ZZ-8501BE F7ZZ-8501AA F8ZZ-8501AA RFF65E8505AD RFF75E8505BA (AW4103)	93-97 96-98 96-97	3800	Coupe FORD MUSTANG FORD THUNDERBIRD MERCURY COUGAR	USA THUNDERBIRD V6 V6 V6	 (232*4) (232*4) (232*4)
					
GWF-95A F6DZ-8501A F7DZ-8501A F5DE8505AE F5DZ8501CL (AW4098)	98- 96-97	3000	TAURUS SABLE	V6 V6 DOHC	(183) (183)
					
GWF-96A F87Z-8501CA F67E8505BA (AW4101)	97-98 98- 99-	5000	EXPLORER MOUNTAINEER AUSTRALIA FALCON UTE AND VAN	V8 V8 V8	(302) (302) (302)
					
GWF-97A F68Z-8501A XF2Z-8501AA RFF68E8505BC RFF78E8505BA 3F2Z8501BB 5F2Z8501BA 6U7Z8501A (AW4102)	95-98	3800	WINDSTAR	V6	(232)
					
GWF-98A F65Z-8501BA F6TZ-8501JB XL3Z-8501AA (AW4100)	97 97-98 98	4600 5400	BRONCO F100/350 EXPEDITION LINCOLN NAVIGATOR	V8 V8 V8	(281) (281, 330) (330)
					

FORD

PART NO.	APPLICATION GUIDE				
GWF-99A F7CZ-8501AB F7CE8505AA (AW4107)	97-99	2000	ESCORT ESCORT GT EXP ZX2	4cyl SOHC	(122P)
					
GWF-100A F8RZ-8501EN F8RZ-8501NE F8RZ8501CF ME988X8591F1D ME9888591F1D P8RZ8501EN YF0915100 1058743 1094596 1138318 1227902 1317038 1517732 978M8A513CC 978M8501NH 988M8501TJ 988X591EA 988X8591EA 988X8591FC 988X8591F1D (AW4115)	00- 02 02-04 95-98 96-00 98- 98-00 98-01 98-04 99-00 99-04	1600 1800 2000	CONTOUR ESCORT ESCORT GT EXP ZX2 FOCUS (EG_) 16V CLASSIC (AAL,ABL) 16V CLASSIC Turnier (ANL) 16V VIII (GAL,AAL,ABL) 16V (DAW,DBW) 16V (DAW,DBW) ST170 Estate (DNW) 16V, Saloon (DFW) 16V Estate (DNW) ST170 II (BAP) i II Estate (BNP) i/Saloon (BFP) i CONNECT 16V / Di CONNECT (P65_,P70_,P80_) 16V	4cyl(3) 4cyl(3) ZX2, DOHC 4cyl (3)(P) DOHC	
					
GWF-101A F85Z-8501AA F65Z8501AC RFF75E8505EA 3L3Z8501DB 6U7X8501B 6U7Z8501B (AW4105)	97-	4200	FORD TRUCK F100/350 PICK UP	V-6 256(2) F150/250	V6 (256*2)
					
GWF-102A F77Z-8501AD 6L2Z8501A 97JM8505A (AW4108)	97-	4000	FORD TRUCK EXPLORER	V6	
					
GWF-103A YF3-8501AB (AW4097)	95-00	4600	LINCOLN CONTINENTAL		(281)
					




FORD

PART NO.	APPLICATION GUIDE			
GWF-104A E9TZ-8501B E3TZ8501D E4TZ8501C XU2Z8V501AARM XU2Z8501AARM XU2Z8501EA 446430C 446430C2 446430C4 (AW4018)	83-88 89-94	6900 7300	FORD TRUCK E100/350 VAN E SUPER DUTY- VAN F100/350 PICK UP V8 420(1) 446(M)(C)	
GWF105A* (902C-8501AA W/HOUSING NO.)	89-93		SAPPHIRE Pipe less of GWF-08A	
GWF-105AH 902C-8501AA	89-93		SAPPHIRE Pipe less of GWF-08AH	
GWF-106A BA8501KT	03-	4000	FALCON 6cyl (BA) AUSTRALIA USE.	
GWF-106AP BA8501KT	03-	4000	FALCON 6cyl (BA) AUSTRALIA USE.	
GWF-107A* (1308453 W/HOUSING NO.) 1096556 1131809 1146965 1385827 1455679 2U1Q-8K500-DB 4436393 1136393	00-06 01-06 03- 04-06 06	2400	TRANSIT DIESEL Box (FA__) DI (FAA_,FAB_,FAC_,FAD_) TRANSIT Box (FA__) DI [RWD] (FAA_,FAB_,FAC_,FAD_) Box (FA__) TDCi Box (FA__) TDE Box TDCi / All-wheel Drive Bus (FD__,FB__,FS__,FZ__,FC__) DI (F_B_,F_C_,F_A_) Bus (FD__,FB__,FS__,FZ__,FC__) DI [RWD] (F_B_,F_C_) Bus (FD__,FB__,FS__,FZ__,FC__) DI [RWD] (F_B_,F_C_,F_A_) Bus (FD__,FB__,FS__,FZ__,FC__) TDCi Bus (FD__,FB__,FS__,FZ__,FC__) TDE Bus (FD__,FB__,FS__,FZ__,FC__) TDE (F_C_,F_B_,F_A_) Bus TDCi / All-wheel Drive Flatbed/Chassis (FM__,FN__) DI (F_A_,F_B_,F_C_,F_D_) Flatbed/Chassis (FM__,FN__) TDCi	








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FORD

PART NO.	APPLICATION GUIDE			
GWF-107A*	01-06 06	2400	Flatbed/Chassis (FM__,FN__) TDE Flatbed/Chassis TDCi / All-wheel Drive TRANSIT	
GWF-107AH 1308453 1096556 1131809 1146965 1385827 1455679 2U1Q-8K500-DB 4436393 1136393	00-06 01-06 03- 04-06 06	2400	TRANSIT DIESEL Box (FA__) DI (FAA__,FAB__,FAC__,FAD__) TRANSIT Box (FA__) DI [RWD] (FAA__,FAB__,FAC__,FAD_) Box (FA__) TDCi Box (FA__) TDE Box TDCi / All-wheel Drive Bus (FD__,FB__,FS__,FZ__,FC__) DI (F_B_,F_C_,F_A_) Bus (FD__,FB__,FS__,FZ__,FC__) DI [RWD] (F_B_,F_C_) Bus (FD__,FB__,FS__,FZ__,FC__) DI [RWD] (F_B_,F_C_,F_A_) Bus (FD__,FB__,FS__,FZ__,FC__) TDCi Bus (FD__,FB__,FS__,FZ__,FC__) TDE Bus (FD__,FB__,FS__,FZ__,FC__) TDE (F_C_,F_B_,F_A_) Bus TDCi / All-wheel Drive Flatbed/Chassis (FM__,FN__) DI (F_A_,F_B_,F_C_,F_D_) Flatbed/Chassis (FM__,FN__) TDCi Flatbed/Chassis (FM__,FN__) TDE Flatbed/Chassis TDCi / All-wheel Drive	
GWF-108A 1317021 EPW55 ME928X8591A1B 1517728 5025607 928X8591 928X8591AA 928X8591A1B	90-92 92 92-00 92-93 92-95 93-95 94-95 95 95-00 95-98 95-99 98-00 99-00	1600 1800	ESCORT 90(LJF/LUJ/LUK) CLASSIC (AAL,ABL) 16V CLASSIC Turnier (ANL) 16V V (GAL) 16V XR3i V Convertible (ALL) 16V XR3i V Estate (GAL,AVL) 16V VI (GAL) i 16V VI (GAL) 16V XR3i VI (GAL) XR3i 16V 4x4 VI Convertible (ALL) 16V XR3i VI Convertible (ALL) i 16V VI Estate (GAL) i 16V VI Saloon (GAL) i 16V VII (GAL,AAL,ABL) 16V VII (GAL,AAL,ABL) 16V 4x4 VII (GAL,AAL,ABL) i 16V VII Convertible (ALL) 16V XR3i VII Estate (GAL,ANL) 16V VII Estate (GAL,ANL) i 16V VII Saloon (GAL,AFL) 16V VII Saloon (GAL,AFL) i 16V III (GFJ) i 16V III (GFJ) 16V / XR2i 16V III (GAL) 16V III (GAL) i 16V	ESCORT 

FORD






PART NO.	APPLICATION GUIDE				
GWF-109A 1318354 EPW79 5028472 93FX8591AA 93FX8591A1B	93-00 93-96 96-00	1800	MONDEO I / II (RFM/RFN) I (GBP) TD I Estate (BNP) TD/Saloon (GBP) TD II (BAP) TD II Estate (BNP) TD/Saloon (BFP) TD	MONDEO	
GWF-110A F2TZ 8501A	92-94	7500	E-350 ECONOLINE V8 F SUPER DUTY) F-250 F-350 F53)	(480G) (480G) (480G) (480G) (480G)	
GWF-111A F4TZ 8501B	93- 95-96 95-97 96-	7500 7300	E SUPER DUTY V8 E-350 ECONOLINE V8 F SUPER DUTY V8 F SUPER DUTY V8 DIESEL F-250 (460,G) V8 F-350 (460,G) V8 F53 (460,G) V8	(460G) (460G) (460G) (445C) (460G) (460G) (460G)	
GWF-112A F4TZ 8507A F6TZ 8501AA F7TZ 8501CRM F81Z 8501ARM F81Z 8501CRM	00-03 03- 96-02 96-97 98-03 99-03	7300	E SUPER DUTY V8 E,F-350 ECONOLINE E,F-350 ECONOLINE E-350 ECONOLINE E-450 ECONOLINE E-550 SUPER DUTY EXCURSION F SUPER DUTY F-250 F-250,350 SUPER DUTY F-450,550 SUPER DUTY	(445,F) (445,F) (445,F) (445,F) (445,F) (445,F) (445,F) (445,F) (445,F) (445,F)	
GWF-113A YR3Z 8501AB	05-06 08- 99-01 99-02	4600	CROWN VICTORIA V8 F-150 MUSTANG MUSTANG	(281G,W) (281W) (281V,X) (281H)	
GWF-114A YW7Z 8501BB	01-04 01-10 03-04 06-10 07-09	4600	CROWN VICTORIA V8 MUSTANG MUSTANG LINCOLN TOWN CAR MERCURY GRAND MARQUIS MERCURY MARAUDER	(281V,W,9) (281R,X,Y) (281H) (281V,W) (281V,W) (281V)	
GWF-115A YS4Z 8507AA	00-04	2000	FOCUS L4	(120P)	

FORD

PART NO.	APPLICATION GUIDE			
GWF-116A 3L3Z8501CA 7L3Z8501A F1VY8507A XC2Z8501BA	03-04	4600	EXPEDITION	V8 (281,W)
	03-05	5400	LINCOLN AVIATOR	V8 (281,H)
	03-09		E-150, E-250 ECONOLINE	V8 (281,W)
	03-10		F-150 HERITAGE	V8 (281,W)
	04		E-150, E-250 (Exc 09)	V8 (281,W)
	04-05		F-150 (Exc 07, 08, 09)	V8 (281,W,6,8)
	06		E-150, E-250 ECONOLINE	V8 (330,L)
	06-10		EXCURSION	V8 (330,L)
	08-10		E-350 ECONOLINE	V8 (330,L,M)
	98-06		EXPEDITION (Exc 07, 08)	V8 (330,L,5)
	98-09		F-250, F-350 SUPER DUTY	V8 (330,L,5)
	98-10		F-150 HERITAGE	V8 (330,M,Z)
			E-450 ECONOLINE	V8 (330,L,M)
			LINCOLN MARK LT	V8 (330,5)
			E-150, E-250	V8 (330,L)
			E-350, E-450 SUPER DUTY	V8 (330,L)
			F-150	V8 (330,L,M,Z,5)
			LINCOLN NAVIGATOR (Exc 07,	V8 (330,A,L,R,5)
GWF-117A 4C3Z 8501-ABRM 4C3Z 8501-AC 4C3Z 8507-AA	V8	6.0	E-350 ECONOLINE	(04-05)
	V8	6.0	E-350 SUPER DUTY	(06-10)
	V8	6.0	E-450 ECONOLINE	(04-05)
	V8	6.0	E-450 SUPER DUTY	(06-07)
	V8	6.0	F-250 SUPER DUTY	(04-07)
	V8	6.0	F-350 SUPER DUTY	(04-07)
	V8	6.0	F-450 SUPER DUTY	(04-07)
	V8	6.0	F-550 SUPER DUTY	(04-07)
GWF-118A 3C3Z 8501-ABRM 3C3Z 8507-AA 4C3Z 8507-AA	V8	6.0	EXCURSION	(04)
	V8	6.0	F-250 SUPER DUTY	(04)
	V8	6.0	F-350 SUPER DUTY	(04)
	V8	6.0	F-450 SUPER DUTY	(04)
	V8	6.0	F-550 SUPER DUTY	(04)
GWF-119A 7S7G-8591-A2A 1472867 1406479 YS6G8591B2D	JH	1242	FIESTA	(03-)
	JD	1388	FOCUS	(03-)
		1596	FUSION	(04-04)
			MONDEO	(07-11)



GENERAL MOTORS

PART NO.	APPLICATION GUIDE		
GWG-01A 3429981 357261 3815726 3871521 3876168 3876170 3927798 3929219 3947042 6258446 6258394 657261	62-78		CHEVELLE, VAUXHALL, CRESTA C10, C14, C15, C20, C30, P10, P13, C60, C80 (SOUTH AFRICA) BUICK, CHEV, OLDS, PONTIAC CHECKER, TRUCK *Partial applications 4cyl 153 eng 6cyl 194, 230, 250 eng <div>  </div> ●Aluminum body
GWG-03A 14029998 14071866 369175 10077051 14079351 10077051 1402999	76-79 1400 76-85 1600		CHEVROLET, CHEVETTE, PONTIAC T1000 4cyl 98 CHEVROLET, CHEVETTE 4cyl 85 <div>  </div>
GWG-04A 14024302 14029860 14033483 14101304 476509 10054510 10120945 1005451	80-85 2800		BUICK, SKYLARK, CENTURY CHEVROLET CELEBRITY, CITATION OLDSMOBILE CUTLASS CIERA, OMEGA PONTIAC PHOENIX, 6000 V6 173 <div>  </div>
GWG-05A* <div> 10004073 10042929 12507232 1000407 W/PULLEY NO. </div>	80-85 2500 84-85		BUICK SKYLARK CHEVROLET CELEBRITY, CITATION OLDSMOBILE OMEGA PONTIAC PHOENIX, 6000 PONTIAC FIERO 4cyl 151 <div>  </div>
GWG-05AP 10004073 10042929 12507232 1015952 10159526	80-85 2500 84-85		BUICK SKYLARK CHEVROLET CELEBRITY, CITATION OLDSMOBILE OMEGA PONTIAC PHOENIX, 6000 PONTIAC FIERO 4cyl 151 <div>  </div>

GENERAL MOTORS

PART NO.	APPLICATION GUIDE			
GWG-06A 14018745 14089018 10065240 1006524	82-85	1800 2000	BUICK SKYLARK CADILLAC CIMARRON CHEVROLET CAVALIER OLDSMOBILE FIRENZA PONTIAC J2000 4cyl *112,*121, *Partial applications	
GWG-07A 1242913 1247079 1257703 1260709 1277703 25527536	73-85	3200 3800 4100 5700	BUICK,CHEVROLET,OLDSMOBILE,PONTIAC V6 *252,196, 231 BUICK,OLDSMOBILE,PONTIAC V8 *350 *Partial applications	
GWG-08A 3286641	58-		ACADIAN	
GWG-09A 3427007	69-74	3800 4100	CONSTANTIA,KOMMANDO 230",250" (w/air conditioner only)	
GWG-10A 2650866	72-75		CHEVROLET 3800,4100 (w/viscous coupling)	
GWG-11A 1334084 90106656 94636985 90284802 1334012 1334013 90284802 52250937 90273924 93221331 93231147	81-84 81-86 81-87 81-88 82-85 82-86 82-87 83-84 83-86 83-88 84-86 84-91 84-92 85-86 85-88	1600 1800 2000	(USA) BUICK SKYLARK, OLDS FIRENZA,PONTIAC J2000 4cyl *112 *Partial applications (AUSTRALIA) HOLDEN CAMIRA (W.GERMANY) OPEL ASCONA B-C 1.6-1.8 RECORD 1.8,NOL-SUPER KADETT D 1.6,CAVALIER 1600, 1800(Front wheel drive) ESPERO (KLEJ) ASCONA C (81_,86_,87_,88_) C (81_,86_,87_,88_) S C (81_,86_,87_,88_) E C (81_,86_,87_,88_) i	








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GENERAL MOTORS



PART NO.	APPLICATION GUIDE		
GWG-11A	85-91	C Hatchback (84_,89_)	
	86-91	C Hatchback (84_,89_) S	
	87-90	C Hatchback (84_,89_) E	
	87-93	C Hatchback (84_,89_) i	
	89-91	KADETT	D (31_,34_,41_,44_) S
	90-91		D (31_,34_,41_,44_) GT/E
	91-99		D Estate (35_,36_,45_,46_) S
			E (39_,49_) i CAT
			E (39_,49_)
			E (39_,49_) i
			E (39_,49_) S
			E Box (37_,47_) i
			E Convertible (43B_) i CAT
			E Estate (35_,36_,45_,46_) i CAT
			E Estate (35_,36_,45_,46_) S
			E Estate (35_,36_,45_,46_) E
			E Estate (35_,36_,45_,46_) i
			E Hatchback (33_,34_,43_,44_) i CAT
			E Hatchback (33_,34_,43_,44_) S
			E Hatchback (33_,34_,43_,44_) E
		E Hatchback (33_,34_,43_,44_) GSI	
		E Hatchback (33_,34_,43_,44_) i	
		MANTA	B (58_,59_) S
			B CC (53_,55_) S
		REKORD	E (17_,19_,11_,14_,16_)
			E (17_,19_,11_,14_,16_) E
			E (17_,19_,11_,14_,16_) S
			E Estate (61_,66_,67_)
		ASTRA	E Estate (61_,66_,67_) E
			E Estate (61_,66_,67_) S
			Hatchback S
			Hatchback GTE
			Mk II Belmont
			Mk II Belmont S
			Mk II Belmont i
			Mk II Estate S
			Mk II Estate
			Mk II Estate i
			Mk II Hatchback S
			Mk II Hatchback
			Mk II Hatchback GTE
			CARLTON
	Mk II Estate S		
	CAVALIER		Mk II S
		Mk II	
		Mk II N	
		Mk II i	
		Mk II i CAT	
		Mk II Convertible i	
		Mk II Estate	
		Mk II Estate i	
		Mk II Hatchback S	
		Mk II Hatchback i	









GENERAL MOTORS

PART NO.	APPLICATION GUIDE		
GWG-12A (361054 10120938 J8132274)	75-85 2500 77-85 4100	CHEVROLET, OLDS, PONT.(AMC) 4cyl *151 *Partial applications BUICK, CHEV., OLDS, GMC TRUCK 6cyl 250 *Partial applications AMERICAN MOTORS 4cyl 151	 •Aluminum body
GWG-13A 94240378	82-83 1800	CHEVROLET CHEVETTE PONTIAC T1000 4cyl *112 diesel *Partial applications	
GWG-14A 94202477 94224894	76-82 1600	BUICK Opel CHEV. Luv Pick-up Series 5,6,8,9,10,11,12(exc diesel) 4cyl GWG-14A=(GWIS-01A)	
GWG-15A 94022627 94232082	84-88 1600	CHEVROLET Luv 1-4 4cyl VAUXH MIDI	1800 
GWG-16A 359036 361055	75-77 4100	CHEVROLET BLAZER CHEV. GMC TRUCK 6cyl 250	 •Aluminum body
GWG-17A 14033195 14054539 14105921 83500807	82-85 2800	CHEV, CAMARO, S10 BLAZER, PICKUP GMC S15 JIMMY, PICKUP PONTIAC FIREBIRD V6 173	
GWG-19A 94239153	82-85 1900	CHEV S-10 BLAZER, PICKUP GMC S-15 JIMMY, PICKUP 4cyl 119	







GENERAL MOTORS

PART NO.	APPLICATION GUIDE			
GWG-20A* (22514840 22519584 W/PULLEY NO.)	82-85	4300	BUICK CENTURY,CHEV CELEBRITY OLDS.CUTLASS CIERA,PONTIAC 6000 V6 *260 *Partial applications	
GWG-20AP 22514840 22519584	82-85	4300	BUICK CENTURY,CHEV CELEBRITY OLDS.CUTLASS CIERA,PONTIAC 6000 V6 *260 *Partial applications	
GWG-21A 14063641	83-85	2000	CHEV.S-10 BLAZER,PICKUP GMC S-15 JIMMY,PICKUP 4cyl 121	
GWG-22A 10048919 14069586 14094538 12522035 14047008	84-85	5700	CHEVROLET CORVETTE V8 *350 *Partial applications	
GWG-23A 474055 10046305 10112692 12523505 465802 88412818 93412618	78-85	4800	CHEVROLET BLAZER GMC TRUCK 6cyl 292	 •Aluminum body
GWG-25A 10048917 461996 474029 88926277 14085847	77-85 78-81	3300 3800 4400 5000 5700 6500	BUICK,CHEV.,OLDS.,PONTIAC V8 305,267, 350,400 *Partial applications CHEV.FAMILY V6 200,229	
GWG-26A 231073 231462 231887 556283 12337519	76-85	4300 5000 5700 6600	BUICK,CADILLAC,CHEVROLET, CHEV. & GMC TRUCK,OLDS,PONTIAC V8 350,307, 260,403 Gas and/or diesel *Partial applications	 •Aluminum body





GENERAL MOTORS

PART NO.	APPLICATION GUIDE		
GWG-27A 372334 3957932 474028 6272157	69-76 72-76	4300 5000 5400 5700 6600	CHECKER,CHEV.FAMILY V8 262,305, 307,327, 350,400 72-76 CHEV. & GMC TRUCK V8 *Partial applications 
GWG-28A 10008553 12309445 478126 488152 488377 500513 9790522 12300305	69-81 70-74	4300 4900 5700 6600 7500	BUICK,OLDSMOBILE,PONTIAC V8 265,301, 350,400, 455 *Partial applications GMH HT,HG,HQ 8cyl 350 (AUSTRALIA) ● <u>Aluminum body</u> 
GWG-29A 3633853 3634514 12609978	73-78 79-85	6000 7000 8200	CADILLAC V8 368,425, 500 CADILLAC V8 425,427, 500 *Partial applications 
GWG-31A 3998205 6258551	71-82 73-85	5600	CHEV.CORVETTE CHEV.TRUCK,GMC TRUCK 40,50,60,65 series V8 350 
GWG-32A 3953620 3990991 6272159 12484890 3977607	69-76 71-76 73-85	6500 6600 7000 7400	CHEV.BLAZER,TRUCK,GMC TRUCK, JIMMY V8 454 CHEV.FAMILY V8 396,400, 4 BBL.,402, 427,454 GMC SPRINT V8 400,454 
GWG-33A 14050546 23500133 5740079	82-85	6200	CHEV.BLAZER,TRUCK GMC JIMMY,TRUCK V8 379 diesel ● <u>Aluminum body</u> 

GENERAL MOTORS




PART NO.	APPLICATION GUIDE		
GWG-34A 474056	74-78 4800 81-85	CHEV.BLAZER,TRUCK,GMC TRUCK 6cyl 292 Partial applications CHEV.TRUCK HD 50,60 series 6cyl 292 ● <u>Aluminum body</u>	
GWG-35A 3957981 3998206/7 1564459 1565487	64-68 4600 64-72 5000 68-71 5400 5700	CHECKER,MASSEY FERGUSON/HARRIS V8 283,307,327 CHEV.BLAZER,TRUCK,PASS, CAMARO,CORVETTE GMC TRUCK V8 283,307, 327,350 *Partial applications GMH HK,HT 8cyl 302,327 (AUSTRALIA) ● <u>Aluminum body</u>	GWG-35A=(GWG-30A) 
GWG-36A 231461 231886	71-85 4300 5000 5700 6600 7500	BUICK,CHEVROLET,OLDSMOBILE, PONTIAC V8 260,307, 350,403,455 w/o A/Con. *Partial applications ● <u>Aluminum body</u>	
GWG-37A 3634552 3634580 3634838	82-85 4100	CADILLAC V8 *252 *Partial applications	
GWG-38A 94120768 9411850 94332922 94376837 94415090	81-85 2000 81-88 2200 84-91	CHEV.LUV diesel GMH RODEO(KBD SERIES) 4cyl (DIESEL) C190/223 (AUSTRALIA) ISUZU BIGHORN Opun Off-Road Vehicle (UBS) TD (UBS52)	
GWG-40A 1242914 1247080 12321622 1245288 1394877	71-76	BUICK All with air cond. V8 455 eng	

GENERAL MOTORS








PART NO.	APPLICATION GUIDE			
GWG-42A 1396876, 1396317 1396346, 1396715 J0948681, J0994149 1380400	64-74 65-69		BUICK CADILLAC, OLDS 6,V6,V8 250,300,340,350 eng *Partial applications JEEP V6 225 V8 350 eng	
GWG-44A 12326453 25524291 25525690 25527537 12336298 12338842 12536422 12537417 1257495	85-90 88-91 89-97 92-96	3800	BUICK SOMERSET REGAL OLDS CALAIS(FWD) GMH COMMODORE VN,VP V6 (AUSTRALIA) V6 181,204,231 eng CHEVR LUMINA APV PONTI TRANS SPORT '89	
GWG-45A 25513134 25516944 25525147 12334884	82-85	3000 3800	BUICK CENTURY,ELECTRA OLDS CUTLASS CIERA REGENCY(FWD) V6 181, 231	<u>GWG-45A=(GWG-18A)</u> 
GWG-46A 12395558 12397649 90234200 90325661	84-86 84-91 86-88 86-91 86-93 87-88 87-91 87-93 88-90 88-92 88-93 88-95 89-91 89-93 90-91 90-93 91-93 91-94 91-98 92-93 92-98 93-95 94-97	1400 1600	(KOREA DAEWOO) LEMAN. RACER ASCONA C (81_,86_,87_,88_) C (81_,86_,87_,88_) i C (81_,86_,87_,88_) i CAT C Hatchback (84_,89_) C Hatchback (84_,89_) i C Hatchback (84_,89_) i CAT ASTRA F (56_,57_) F Estate (51_,52_) F Hatchback (53_,54_,58_,59_) CORSA A Hatchback (93_,94_,98_,99_) i A Hatchback (93_,94_,98_,99_) S A Hatchback (93_,94_,98_,99_) GSI A Hatchback (93_,94_,98_,99_) GSI CAT A TR (91_,92_,96_,97_) i A TR (91_,92_,96_,97_) S KADETT E (39_,49_) i E (39_,49_) S E Box (37_,47_) i E Combo (38_,48_) E Combo (38_,48_) S E Combo (38_,48_) i E Convertible (43B_) S E Convertible (43B_) i E Convertible (43B_) i CAT E Estate (35_,36_,45_,46_) E Estate (35_,36_,45_,46_) i	

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GENERAL MOTORS

PART NO.	APPLICATION GUIDE		
GWG-46A 		<div> <div>E Estate (35_,36_,45_,46_) i CAT</div> <div>E Hatchback (33_,34_,43_,44_) S</div> <div>E Hatchback (33_,34_,43_,44_) i</div> <div>E Hatchback (33_,34_,43_,44_) i CAT</div> <div>VECTRA</div> <div>A (86_,87_) S</div> <div>A (86_,87_)</div> <div>A (86_,87_) i</div> <div>A (86_,87_) i CAT</div> <div>A Hatchback (88_,89_) S</div> <div>A Hatchback (88_,89_) i</div> <div>A Hatchback (88_,89_) i CAT</div> <div>ASTRA</div> <div>Mk II Belmont i</div> <div>Mk II Belmont</div> <div>Mk II Belmont S</div> <div>Mk II Convertible i</div> <div>Mk II Convertible i CAT</div> <div>Mk II Estate</div> <div>Mk II Hatchback</div> <div>Mk II Hatchback i</div> <div>Mk II Hatchback S</div> <div>Mk III(F) Estate i</div> <div>Mk III(F) Hatchback i</div> <div>CAVALIER</div> <div>Mk II i</div> <div>Mk II i CAT</div> <div>Mk III(87) S</div> <div>Mk III(87)</div> <div>Mk III(87) i</div> <div>Mk III Hatchback S</div> <div>Mk III Hatchback</div> <div>Mk III Hatchback i</div> <div>NOVA</div> <div>S</div> <div>Hatchback i</div> <div>Hatchback S</div> <div>Hatchback GSI</div> <div>CORSA</div> <div>GLS</div> <div>Flatbed/Chassis GLS</div> </div>	
GWG-47A 10048968 10089654 12518443	87-96 2000 93-96 2200 94-96 2300	4cyl BUICK,CHEVROLET,OLDSMOBILE, PONTIAC,122 (1) ,134 4cyl CHEVROLET S10,134 CHEVR LUMINA APV	
GWG-48A 10048949 10174858 12518295 12371989	87 2800 87-96 3100 89-96 3400 89-97	V-6 BUICK,CADILLAC,CHEVROLET, OLDS.,PONT., 173(W),189, 207 CORSICA (1_69) LUMINA APV BERETTA Coupe (1_37) V6 PONTIAC TRANS SPORT '89	

GENERAL MOTORS

PART NO.	APPLICATION GUIDE			
GWG-49A* (10039415 10039422 10181369 W/HOUSING)	87-92	2500	4cyl BUICK,CHEVROLET, OLDSMOBILE,PONTIAC,155(R)	
GWG-50A 94840082 94840612 94847609	85-88	1600	CHEVROLET NOVA 4cyl	
GWG-51A 14089011	85-86	2800	CADILLAC CIMARRON CHEV.CADET.CAVALIER OLDS FIRENZA 6cyl	
GWG-52A 10032022 12507784	85-86	2500	CHEV.CAMARO,ASTRO S-10 BRAZER PICKUP GMC S-15 GIMMY PICKUP,SAFARI PONTIAC FIREBIRD 4cyl •Aluminum body	
GWG-53A 94118501 8941185010 8941185011 94118353 97010201	84-88 86- 88-96 91-96	1800 2000 2200	CHEVETTE PONTIAC T-1000 4cyl diesel CAMPO (TF_) D (TFR52) (TF_) D 4x4 (TFS52) BRAVA Pickup D (TFR52) Pickup D 4x4 (TFS52) MIDI TD II TD	
GWG-54A 10049043, 10181327 10181235, 12458920 12458921, 12491038	87-93	2500	CHEV.ASTRO S10 GMC SUF ARI S15 4cyl 151(e) •Aluminum body	
GWG-55A 10077059 12522031 5743939	87	4300	CHEV./GMC TRUCK C,K10,20 SERIES CHEV.ASTRO,GMC SAFARI 6cyl 262(Z)	

GENERAL MOTORS

PART NO.	APPLICATION GUIDE		
GWG-56A	68-74 98-00	CHEV. 307, V8, HK, HT CHEV. 327, V8, HK CHEV. 350, V8, HT, HG, HQ, SUBURBAN 283, 305, 307, 327, 350, 400 PERFORMANCE, V8 (ALMINUM BODY)	
GWG-57A (96051819 96054298 96060136)	85-88 89-	CHEV.Sprin 1000 GEO Metro 3cyl.1000	
GWG-58A 94844775 1611019035	88-	CHEV.Nova Nummi 4cyl 1600	
GWG-59A 12338842 12326453 12336298 12536422 12537417 25524291 25525690 25527537	89-97 3300 90-91 3800 91- 91-95 91-96 92-96	BUICK Regal V6 231 Electra,de Sabre,Riviera Reatta V6 Century V6 OLDS Calais V6 Delta 88,Royale 98 Tornado V6 PONTIAC Bonneville V6 GMH COMMODORE VP,VR V6 (AUSTRALIA) LUMINA APV TRANSAM SPORT '89 PARKAVENUE	
GWG-60A 10048951 10120944 10132880	87-92 2800 3100	CHEVROLET Camaro PONTIAC Firebird 173(S) eng 6cyl 189	
GWG-61A 12508606 90220568 R1160018 90272361 1334008	81-86 1600 81-88 1800 82-88 2000 83-88 84-86 84-91 85-86 85-88 85-91 86-87 86-88 86-91 86-93 86-94	BUICK Skylark OLDS Firenza PONTIAC Grand Am,Sunbird 122(K,M) eng 4cyl ESPERO (KLEJ) ASCONA C (81_,86_,87_,88_) C (81_,86_,87_,88_) i CAT C (81_,86_,87_,88_) S C (81_,86_,87_,88_) i C Hatchback (84_,89_) C Hatchback (84_,89_) S C Hatchback (84_,89_) i C Hatchback (84_,89_) i CAT C Hatchback (84_,89_) i GT	

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GENERAL MOTORS

PART NO.	APPLICATION GUIDE	
GWG-61A	87-88	ASTRA F (56_,57_) i
	87-90	F Convertible (53_B) i
	87-91	F Estate (51_,52_) i
	88-89	F Hatchback (53_,54_,58_,59_) i
	88-90	CALIBRA A (85_) i
	88-92	A (85_) i 4x4
	88-95	FRONTERA A Sport (5_SUD2) i (52SUD2,55SUD2)
	89	KADETT E (39_,49_) S
	89-91	E (39_,49_)
	89-92	E (39_,49_) i
	89-95	E (39_,49_) i CAT
	90-91	E Convertible (43B_) i
	90-95	E Convertible (43B_) i CAT
	90-97	E Estate (35_,36_,45_,46_) S
	91-93	E Estate (35_,36_,45_,46_) i
	91-98	E Estate (35_,36_,45_,46_) i CAT
	92-98	E Hatchback (33_,34_,43_,44_) i
	93-94	E Hatchback (33_,34_,43_,44_) S
	95-96	E Hatchback (33_,34_,43_,44_) GSI
	95-99	E Hatchback (33_,34_,43_,44_) GSI CAT
		OMEGA A (16_,17_,19_)
		A (16_,17_,19_) N
		A (16_,17_,19_) S
		A (16_,17_,19_) i
		A Estate (66_,67_)
		A Estate (66_,67_) N
		A Estate (66_,67_) S
		A Estate (66_,67_) i
		VECTRA A (86_,87_) i CAT
		A (86_,87_) S
		A (86_,87_) S 4x4
		A (86_,87_)
		A (86_,87_) i
		A (86_,87_) i 4x4
		A (86_,87_) i 4x4 CAT
		A (86_,87_) i CAT
		A Hatchback (88_,89_) i CAT
		A Hatchback (88_,89_) S
		A Hatchback (88_,89_) i
		ASTRA Mk II Belmont S
		Mk II Convertible i
		Mk II Convertible i CAT
		Mk II Estate S
		Mk II Estate i
		Mk II Hatchback S
		Mk II Hatchback GTE
		Mk III(F) i
		Mk III(F) Convertible i
		Mk III(F) Estate i
		Mk III(F) Hatchback i
		CALIBRA i
		i 4x4
		CARLTON Mk III
		Mk III N
		Mk III S
		Mk III i
		Mk III Estate
		Mk III Estate N
		Mk III Estate S
		Mk III Estate i
		CAVALIER Mk II N










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GENERAL MOTORS

PART NO.	APPLICATION GUIDE			
GWG-61A			Mk II S Mk II Mk II i CAT Mk II i Mk II SRi 130 Mk II Convertible 1800i Mk II Estate Mk II Hatchback S Mk II Hatchback i CAT Mk II Hatchback SRi 130 Mk II Hatchback 2000i Mk III (87) Mk III (87) i CAT Mk III (87) i Mk III (87) i 4x4 Mk III (87) SRi Mk III Hatchback Mk III Hatchback i CAT Mk III Hatchback i Mk III Hatchback i 16V Mk III Hatchback i 4X4 Mk III Hatchback SRi FRONTERA Mk I (A) Sport i OMEGA (B)	
GWG-62A 10048948 10148030 12522031 12522032 10077059	87-95 88-92 90-93 91-93	4300 5000 5700	8cyl CADILLAC,305,350 V-6,8 CHEVROLET,262,305,350 V-6,8 CHEVROLET & G.M.C.TRUCK, 262,305,350 V-6 OLDSMOBILE GRANADA,262 8cyl PONTIAC FIREBIRD,305 , 350	
GWG-63A 96064376 96064464 96067153		1000	GEO 61 3cyl	
GWG-64A 96059659 96062832 90373189 91172178 91173496		1600	GEO TRECKER 98 W/5 THREADED GEO TRECKER 98 W/4 THREADED	
GWG-65A 94109591		1500	GEO SPECTROM 92 4cyl	








GENERAL MOTORS

PART NO.	APPLICATION GUIDE			
GWG-66A 22537768 24570464 24571389	87-95 88-95 90-94 91-96	2200 2300	4cyl BUICK SKYLARK,SOMERSET,138 4cyl CHEVROLET BERETTA. CORSICA,138 4cyl OLDSMOBILE ACHIEVA, CALAIS,138 4cyl PONTIAC GRAND AM,GRAND PRIX, SUNFIRE,138 CORSICA (1_69)	
GWG-67A 9306722 94623690			CHEVETTE W/O THERMOSTAT	
GWG-68A 94854791 94856254	93-94	1600	GEO PRIZM	
GWG-69A 12522034 10174846 (AW5051)	91-93	5700 5900	BUICK,CHEVROLET,OLDSMOBILE 305, 350	
GWG-70A 10048755 , 12521037 12525123 , 12517940 10106474 , 12527717 10126714 , 12527759 (AW5038)	88-96	7400	CHEVROLET,GMC TRUCK 454	
GWG-71A 94854103 94858708		1800	GEO PRIZM 110	
GWG-72A 10048950 10120943 12482690 14092941 (AW5035)	87-94	2000	CHEVROLET S10,GMC S15 17S	

GENERAL MOTORS

PART NO.	APPLICATION GUIDE			
GWG-73A (UB146)			CHEVETTE WITH THERMOSTAT	
GWG-74A (AW5067)	85-91	2500	BUICK, OLDSMOBILE, PONTIAC 4cyl (151) U-Eng	
GWG-75A 12520914 (AW5070)	93-95	3400	CHEVROLET CAMARO, PONTIAC FIREBIRD V-6 (207)	
GWG-76A 12537495			COMMODORE	 (WITH WASHERS)
GWG-77A 12326453 , 12537417 12336298 , 12537495 12338842 , 25525690 12536421 , 25527537 12536422 , 12326453 12336298 , 12338842 12536421 , 12536422 12537417 , 12573495 25524291 , 25525690 25527537 (AW5050N)	85-95 89-97 92-96	3000 3300 3800	BUICK, CHEVROLET, PONTIAC V-6 (181), (204), (231) LUMINA APV PONTIAC TRANSAM SPORT '89 (WITHOUT WASHERS)	
GWG-78A 12537829 , 12482903 124829 , 12537829 12500305 (AW5075)	95-98 96-98 98	3800	BUICK, CHEVROLET, PONTIAC V-6 (231) CHEVROLET CAMARO, PONTIAC FIREBIRD V-6 (231) CAMARO '98 V6 '98 Convertible V6 (WITHOUT WASHERS)	
GWG-79A 12522036 (AW5073)	92	5700	CHEVROLET TRUCK, GMC TRUCK V-8 (350) K-Eng w/5.8" HUB HEIGHT	



GENERAL MOTORS

PART NO.	APPLICATION GUIDE			
GWG-80A 21000535 , 21006933 21007155 , 21007288 21006276 , 21006932 21007453 , 21007225 21007453 , 21007655 21015340 , 21015341 (AW5054)	91-94 95-97	1900	SATURN 4cyl (116) DOHC Eng SATURN 4cyl (116)	
GWG-81A 21006276 21006932 21007453 21007655 (AW5055)	91-94	1900	SATURN 4cyl (116) SOHC Eng	
GWG-82A 12528917 , 12532528 8-12532-528-0 12532526 , 12561392 88896225 , 89017748 89060527 (AW5077)	96-97 96-98 97	4300 5000 5700	CHEVROLET TRUCK,GMC TRUCK V-6 (262),V-8 (305),(305) OLDSMOBILE BRAVADA V-6 (262) ISUZU HOMBRE V-6 (262)	
GWG-83A 12514574 , 12534417 15633466 , 23500138 5743241 , 12529211 88894044 (AW5062)	92-96	6200 6500	CHEVROLET TRUCK,GMC TRUCK V-8 (379),(395) DIESEL Eng	
GWG-84A 12365639 , 12529993 12553337 , 12553337 7490007 , 12487361 88894344 , 8894344 (AW5072)	95-98	4000 4600	CADILLAC V-8 (281) OLDSMOBILE AURORA V-8 (244)	
GWG-85A 12365640 12554338 7490004 88894340 (AW5064)	93-94	4600	CADILLAC V-8 (281)	
GWG-86A 24577255 24573636 24575951 2457687	95-	2400	BUICK 146(T) CHEVROLET OLDSMOBILE PONTIAC	








GENERAL MOTORS

PART NO.	APPLICATION GUIDE			
GWG-87A 96352649 , 96351284 96351971 , 94013802 96872700 , 96990997 94013802 , 96351284 96351971 , 96872700 96990997 , 12395558 12397649 , 5094013802 90234200 , 90325661 90392900 , 96352649 90351284	93-99 1500 95-97 1600 97 00		CHEVROLET ESPERO (KLEJ) 16V LANOS (KLAT) 16V Saloon 16V NEXIA (KLETN) 16V Saloon (KLETN) 16V NUBIRA Saloon (KLAJ) 16V Wagon (KLAJ) 16V	
GWG-88A 50940-13802 9032-5660A	97-02 1600		DAEWOO(LANOS) DOHC16V EFI	
GWG-89A 90325661B 90234200 1334011 1334042 90234200 90325661	1400 1600		DAEWOO VAUXHALL OPEL	
GWG-90A 96352648 96350799 96872704 96350799 96872704	97 1400 02 1500 05 1600		AVEO Saloon (T200,T250) KALOS KALOS Saloon REZZO REZZO KALOS (KLAS) Saloon (KLAS) (KLAT) LANOS Saloon (KLAT)	
GWG-91A 96230587	97-00 1800		TACUMA REZZO (KLAU)	




GENERAL MOTORS

PART NO.	APPLICATION GUIDE		
GWG-92A 96352650 96182871 96872702 96930074	97	1400	DAEWOO 616L 1.6i 16V
	97-	1600	NUBIRA
	03		AVEO Saloon (T200,T250)
	04		KALOS 16V
	05		Saloon
	06		Saloon 16V
			LACETTI 16V
			LACETTI
			NUBIRA Estate
			Saloon
			REZZO REZZO
			KALOS (KLAS) 16V
			LACETTI Hatchback (KLAN)
			NUBIRA (KLAJ) 16V
			Saloon (KLAJ) 16V
			Saloon (KLAN)
			Wagon (KLAJ) 16V
			
GWG-93A 12566029 71741078 71747983 92149009 93149009 12618472 12566029	02-08	2800	BUICK LACROSSE CXS
	04-	3200	CADILLAC RENDEZVOUS CXL/ULTRA
	04-08	3600	CTS , SRX , STS (V6 3.6L)
	05		(217cid GAS FI N ENGINE)
	05-08		159 JTS
	06		159 JTS Q4
	07		159 Sportwagon JTS
	08		159 Sportwagon JTS Q4
	09		BRERA JTS
			JTS Q4
			SPIDER (939) JTS
			(939) JTS Q4
			BLS T
			CTS
			CTS AWD
			SRX
			STS
			CAPTIVA (C100,C140) 4WD
			ANTARA V6
			INSIGNIA V6 Turbo 4x4
			V6 Turbo OPC 4x4
			Saloon V6 Turbo 4x4
			Saloon V6 Turbo OPC 4x4
			Sports Tourer V6 Turbo 4x4
			Sports Tourer V6 Turbo OPC 4x4
			SIGNUM V6 Turbo
			VECTRA C V6 Turbo
			C Estate V6 Turbo
			C GTS V6 Turbo
			SIGNUM V6 Turbo
			ANTARA V6
			VECTRA Mk II (C) V6 Turbo
			Mk II (C) Estate V6 Turbo
			Mk II (C) GTS V6 Turbo
			

GENERAL MOTORS

PART NO.	APPLICATION GUIDE			
GWG-94A 96440224 4817953 4805174 25183429	04 05 06 07 09	1800 2000 3000	DAEWOO LACETTI Hatchback (KLAN) CHEVROLET NUBIRA Saloon D CAPTIVA (C100,C140) D 4WD VAUXHALL ANTARA CDTI CHEVROLET CAPTIVA (C100,C140) D EPICA (KL1_) D LACETTI D NUBIRA Estate D CRUZE (J300) CDI	
GWG-95A 12369537 12456112 12458934 12604747 8901745	98- 97-04	5700	CAMARO CORVETTE CORVETTE Convertible	
GWG-96A 90322506 90466343	98-00 98-03 99-02 01-03 04-08 05-08	2000 2200	AMIGO FORENZA LEGANZA,NUBIRA RENO RODEO RODEO SPORT	
GWG-97A 94011694 94013304 97188663 97216136		2500 3500	SIERRA HD,SILVERADO HD	
GWG-98A 12518277 12527741	93-94 93-95 96-97		CAMARO FIREBIRD	
GWG-99A 12512742 12523502 12527740	55-56 94-96 95-97		BEL AIR CAPRICE,FLEETWOOD,IMPALA,ROADMASTER ONE-FIFTY SERIES,TRUCK,TWO-TEN SERIES	
GWG-100A 12456113 12458935 12559271	99-06 01-03 01-06 02-06 04-06 05-06	1500 2500 3400 3500	AVALANCHE,ESCALADE,SIERRA DENALI ENVOY,EXPRESS,H2,SAVANA,SSR TRAILBLAZER,RAINIER SIERRA,SILVERADO SUBURBAN,TAHOE,YUKON,YUKON XL YUKON DENALI/DENALI XL SIERRA 1500HD,SILVERADO 1500HD,2500HD,SILVERADO 2500HD,C3	

GENERAL MOTORS

PART NO.		APPLICATION GUIDE				
GWG-101A 12620226 24576952 24576956	02-04	2800	BRAVADA			
	02-09	3000	CANYON,COLORADO			
	04-07	3500	ENVOY,TRAILBLAZER			
	04-10	3700	H3,I-280,I-350			
	06-		H3T			
	07-08		H4			
	07-10		I-290,I-370			
	09-10		RAINIER			
GWG-103A 12585226 12591894 24439799 24446365 24467301 55352570	02-05	1998	CHEVROLET CAVALIER	L4	134,F,6	
	04-05	2000	CHEVROLET CLASSIC	L4	134,F	
	05-09	2198	CHEVROLET COBALT	L4	122,P,X	
	06-08	2384	CHEVROLET COBALT	L4	134,F,H	
	08-09	2400	CHEVROLET COBALT	L4	145,B	
	06-09		CHEVROLET HHR	L4	122,X	
	04-08		CHEVROLET HHR	L4	134,B,D	
	02-04		CHEVROLET HHR	L4	145,P,V	
	07-09		CHEVROLET MALIBU	L4	134,F	
	07-08		CHEVROLET MALIBU	L4	145,B,5	
	04-07		OLDSMOBILE ALERO	L4	134,F	
	03-04		PONTIAC G5	L4	134,F,H	
	05		PONTIAC G5	L4	145,B	
	05-07		PONTIAC G5	L4	145,B	
	06-07		PONTIAC GRAND AM	L4	134,F	
	00		PONTIAC SOLSTICE	L4	122,X	
	01		PONTIAC SOLSTICE	L4	145,B	
	01-03		PONTIAC SUNFIRE	L4	134,F	
	02-07		SATURN AURA	L4	145,B,5	
			SATURN ION	L4	122,P	
			SATURN ION	L4	134,F	
			SATURN ION-1	L4	134,F	
			SATURN ION-2, ION-3	L4	134,F	
			SATURN ION-3	L4	145,B	
			SATURN L SERIES	L4	134,F	
			SATURN LS, LS-1, LW-1	L4	134,F	
			SATURN LS SERIES	L4	134,F	
			SATURN LW SERIES	L4	134,F	
			SATURN SKY	L4	122,X	
			SATURN SKY	L4	145,B	
			SATURN VUE	L4	134,D	
			SATURN VUE	L4	145,P,Z	
GWG-102A 12369484 3634653 3634789 3636801	V8	4.9	CADILLAC	60 SPECIAL	(93)	
	V8	4.1	CADILLAC	ALLANTE	(87-88)	
	V8	4.5	CADILLAC	ALLANTE	(89-92)	
	V8	4.9	CADILLAC	DEVILLE	(91-95)	
	V8	4.1	CADILLAC	DEVILLE	(85-87)	








continued

continued


GENERAL MOTORS


[illegible]

HOLDEN

PART NO.		APPLICATION GUIDE	
GWHD-01A 9943171	74-79 77- 78- 80-	COMMODORE 4cyl. TORANA SUNBIRD UC 4cyl. HJ,HX,HZ 173 202 ENG 6cyl. COMMODORE VB,VC2.85,3.3 litre 6cyl. TORANA LX LATE,UC2.85,3.3 litre 6cyl. STARFIRE XT 130/1	
GWHD-02A 92008364	63-69	EH,HD 149,179 ENG 6cyl. HR,HK 161,186 ENG 6cyl.	
GWHD-03A 2808367 92008365	69-81	HG,HT161,186 ENG 6cyl. HQ,HJ,HX 202 ENG 6cyl. TORANA LC,LJ,LH,LX early 2250,2.6,2.85 3.3 litre 6cyl. COMMODORE VB,VC 173	
GWHD-04/05A M38239 2824553 92009639	69-85	ALL 253 & 308 V8 eng <u>With a plug</u>	
GWHD-06A 92014082	77-86 1900	COMMODORE 4 & 6cyl. (1X) 173,202 VC,STARFIRE	
GWHD-07A 92014563	81- 4200 5000	HD type COMMODORE VK/L/N/P/R 253,308	
GWHD-08A 2101042L00/01 2101058S00 21010-42L25/26 21010-70T00/25 21010-79L00/25 21010-70TY5	86-88 3000	COMMODORE VL (RB30E) <u>GWHD-08A=(GWN-32A)</u>	

HOLDEN

PART NO.		APPLICATION GUIDE		
GWHD-09A 90106599 <div>M40196 W/SHIELD</div>	82-	ASTRA CAMIRA 16LF LD,N13 18LE/F		
GWHD-10A 1334135 90543935	00	1800	VAUXHALL/OPEL ,16V	
	00-05		ASTRA X18XE1 1.8 DOHC 16V	
	00-06		ZAFIRA	
	01		ASTRA	F CLASSIC Hatchback I 1800
	01-05			G Convertible 16V 1800
	02			G Coupe (F07_) 16V 1800
	02-06			G Estate (F35_) 16V 1800
	02-08			G Hatchback (F48_,F08_) 16V 1800
	03			G Salon (F69_) 16V 1800
	03-05			H 1800
	03-06			H Estate 1800
	03-10			H GTC 1800
	04			H TwinTop 1800
	04-06		CORSA	C (F08_,F68) 1800
	04-09		MERIVA	MERIVA 1800
	05		SIGNUM	SIGNUM 1800
	95-02		TIGRA	TwinTop 1800
	95-03		VECTRA	B (36_) i 16V 1800
	96-03			B Estate (31_) i 16V 1800
	98-			B Hatchback i 16V 1800
	98-00			C 1800
	98-04			C 16V 1800
	98-05			C Estate 1800
	99-05			C GTS 1800
			ZAFIRA	(F75_) 16V 1800
				9-3 (YS3F) i 1800
				9-3 Estate i 1800
			ASTRA	Mk IV (G) 16V 1800
				Mk IV (G) 16V Dualfuel 1800
				Mk IV (G) Convertible 16v 1800
				Mk IV (G) Coupe 16V 1800
				Mk IV (G) Coupe 16V Dualfuel 1800
				Mk IV (G) Estate 16V 1800
				Mk IV (G) Estate 16V Dualfuel 1800
				Mk IV (G) Hatchback 16V 1800
				Mk IV (G) Hatchback 16V Dualfuel 1800
				Mk V (H) Estate 1800
				Mk V (H) Hatchback 1800
				Mk V (H) Sport Hatch 1800
			CORSA	Mk III (C) 16V 1800
			MERIVA	Mk I (A) i 16V 1800
			TIGRA	TwinTop 1800
			VECTRA	(B) i 16V 1800
				(B) Estate i 16V 1800
				(B) Hatchback i 16V 1800
				Mk II (C) 1800
				Mk II (C) 16V 1800
				Mk II (C) 16V Dualfuel 1800
				Mk II (C) Estate 16V 1800
				Mk II (C) GTS 16V 1800
				Mk II (C) GTS 16V Dualfuel 1800
			ZAFIRA	Mk I (A) 16V 1800



HONDA







PART NO.		APPLICATION GUIDE			
GWHO-01AP 19110-634-305/15 19110-634-325/35 19110-634-365/75 19110-634-405	EB	1200	CIVIC	SB1	(72.01-75.12)
					(CAN BE REPLACED BY GWHO-13AP)
GWHO-02A 19200-673-000/010 19200-673-336	EE	1200	CIVIC	SC,SF	(75.01-78.12)
					(CAN BE REPLACED BY GWHO-14AP)
GWHO-03A 19200-634-000 19200-634-335 19200-634-670/1 8-97061-280-0	EB	1200	CIVIC PASSPORT	SB1	(72.09-79.12)
					(CAN BE REPLACED BY GWHO-13AP)
GWHO-04A 19200-657-000/010/020 19200-657-030	ED	1500	CIVIC ACCORD	SG,SH etc(2000001-)	(76.01-80.12)
					(CAN BE REPLACED BY GWHO-15AP)
GWHO-05A 19200-671-010/020 19200-671-335	EF	1600	ACCORD	SJ	(76.01-83.01)
	EG	1600	PRELUDE		
	EL	1600			
					(CAN BE REPLACED BY GWHO-12AP)
GWHO-06A 19200-689-000 19200-689-010/20 19200-689-030/40 19200-689-325/35 19200-PB2-000/010/405	EK	1800	CIVIC ACCORD PRELUDE QUINTET INTEGRA	SM,SN	(78.01-83.09)
					(CAN BE REPLACED BY GWHO-16AP)
GWHO-07A 19200-PA0-000/010 19200-PA0-700 19200-PA5-000/010 19200-PA5-700 19200-PC0-000/010/405 19200-PE8-305/405/600	ER	1200	CITY	AA	(81.11-87.10)
	EJ	1300	CIVIC	FA	(84.08-86.10)
			CR-X	VF	(81.11-87.10)
			BALLAD	SL,SS,VE	(79.06-83.09)
			JAZZ		
GWHO-08A 19200-PA6-000/010 19200-PA6-020/030 19200-PC1-000/010 19200-PC1-030/080 19200-PC1-405	EM	1500	CIVIC	SZ	(81.09-84.05)
	EP	1600	BALLAD	ST	(79.06-83.09)
	EK	1800	ACCORD	SR,WD	(79.01-85.12)
			ASCOT	SU(1100001-),SY,SN	
			INSPIRE		
			VIGOR		
			CR-X		
					<u>GWHO-08A=(GWHO-19A)</u>



HONDA

PART NO.	APPLICATION GUIDE					
GWHO-10A 19200-689-003/010/020 19200-689-030/040 19200-689-325/335 19200-PB2-000/010 19200-PB2-405	EF EP EK	1600 1600 1800	ACCORD ASCOT INSPIRE PRELUDE QUINT INTERGRA	SV,SY SM SN SU	(80.02-83.06) (79.07-82.10) (78.09-82.10) (80.02-85.01) <u>GWHO-10A=(GWHO-17A)</u>	
GWHO-11A 19200-PA1-000/010 19200-PA1-020/030 19200-PA1-405	EN	1300	CIVIC	VC	(79.09-91.10)	
GWHO-12AP 19110-671-325 19110-671-335 19110-657-325 19110-673-335 19110-671-010/20 19110-671-355/405	EF	1600	ACCORD ASCOT INSPIRE	SJ	(76.04-78.09) (REPLACES GWHO-05A)	
GWHO-13AP 19110-634-325 19110-634-305/315 19110-634-365/335 19110-634-375/405 19110-671-335	EB1 EC ED	1200 1500 1500	CIVIC	SB1 SE,VB SG	(72.07-76.05) (74.09-78.09) (74.04-75.08) (REPLACES GWHO-01AP)	
GWHO-14AP 19110-673-325/335 19110-637-325 19110-673-000/010/405	EE EJ	1200 1300	CIVIC CR-X BALLAD	SC,SF SK,SP	(76.05-78.06) (76.01-79.01) (REPLACES GWHO-02A)	
GWHO-15AP 19110-657-325 19110-657-335 19110-657-375 19110-657-000/10/20/30 19110-657-332/405	EC ED	1500 1500	CIVIC	VB SG,SH	(78.10-79.09) (75.08-79.07) (REPLACES GWHO-04A)	
GWHO-16AP 19110-689-325 19110-689-335 19110-689-405	EK	1800	ACCORD ASCOT INSPIRE PRELUDE	SM SN	(78.09-79.07) (78.09-82.10)	
GWHO-18A 19200-679-013/023 19200-679-033/043 19200-679-053/003/000 19200-PE9-003/013/405 19200-673-000 19210-PE9-305	EH	550	ACTY	TA,TB,VD TC,VH	(82.06-88.05) (77.07-88.05)	

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PART NO.		APPLICATION GUIDE				
GWHO-21A 19200-PC6-000/010 19200-PD2-000/405 19200-PD2-660/415 19200-PD6-000/405 19200-PD6-415/660 19210-PD6-305/505	EY	1600	ACCORD	AC	(83.06-86.04)	
	ES	1800	ASCOT	AD	(82.11-86.04)	
			INSPIRE	AB	(82.11-94.12)	
			VIGOR			
			PRELUDE			
GWHO-22A 19200-PE0-010/020 19200-PE0-405/415 19200-PE0-660/661 19200-PE0-505/515	EV	1300	CIVIC	AG	(83.09-85.09)	
	EW	1500	CR-X	VJ	(83.10-84.08)	
			BALLAD	AH	(83.09-87.09)	
			QUINT	AK,AJ	(83.10-87.09)	
			INTEGRA	AR,SG,SH	(84.11-87.09)	
				AF	(83.07-87.09)	
				AE,DA2		
GWHO-23A 19200-PH1-000/020 19210-PH1-515	A18A	1800	ACCORD	CA1	(85.06-89.10)	
	A20A	2000	ASCOT	CA5	(87.05-89.10)	
	A20A3		INSPIRE	CA6	(88.04-90.04)	
			VIGOR		(92.04-94.12)	
GWHO-24A 19200-PG6-000 19210-PG6-305 19200-PG8-000 19200-PG6-405/600	ZC	1600	ACURA	AT,AS	(84.10-87.09)	
			CIVIC	AU	(85.03-87.09)	
			CR-X	AV	(85.02-89.05)	
			QUINT	DA1	(85.11-89.05)	
			INTEGRA			
			BALLAD			
GWHO-25A 19200-PH7-003 19200-P0G-A01	C20A	2000	LEGEND	KA1	(85.11-88.10)	
	C25A	2500	ACCORD	KA2	(85.11-87.09)	
	C27A	2700	PRELUDE	KA3	(87.02-90.12)	
			CIVIC	KA4	(87.09-88.10)	
				KA5/6	(88.10-90.10)	
GWHO-26A 19200-PM3-003/4 19200-P01-003/4 19200-PM6-004 19200-PM3-000/013/014 19220-PO1-004/3 19200-P1J-E02 19200-P10-A02	D13B	1300	CIVIC	DA5	(91.10-93.05)	
	D15B	1500	CONCERTO	DA7	(89.04-93.07)	
	ZC	1600	CR-X	DB6/9	(93.07-95.09)	
	B16A		BALLAD	DC1	(93.05-95.09)	
			DOMANI	EF1/3	(87.09-92.10)	
			QUINT	EF2	(87.09-97.02)	
			INTEGRA	EF4	(87.09-89.09)	
			PRELUDE	EF5	(89.08-97.02)	
				EF6/7/8/9	(87.09-92.02)	
				EG3/4	(91.08-95.09)	
				EG5	(92.05-95.09)	
				EG7/8,EH1	(91.08-95.08)	
				EY2	(87.10-97.02)	
				EY4/5	(92.10-97.02)	
				MA1/2	(88.06-92.09)	
				MA3	(88.07-92.09)	
				MA4/6	(92.10-95.09)	
				DA6/8		

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PART NO.		APPLICATION GUIDE			
GWHO-27A 19200-PR4-003/013	B18AI	1800	DOMANI	MA5	(92.10-95.09)
	B18B	1800	QUINT	DB1	(91.10-93.07)
			INTEGRA	DB7	(93.07-95.09)
			CIVIC		
GWHO-28A 19200-PT0-003/004 19200-PT0-013 19200-P0A-003/032 19200-PDA-A01 5-86007-713 19200-PDA-E01 19200-POA-003 19200-POB-A01 19200-P0B-A01	F18A	1800	ACCORD	BB5	(96.10-00.08)
	F18B	1800	ASCOT	CB1	(89.09-93.10)
	F20A	2000	INSPIRE	CB2	(89.09-91.07)
	F20B	2000	AVANCIER	CB3/4/6	(89.09-97.02)
	F22B	2200	ODYSSEY	CB7	(92.01-94.02)
	F23A	2300	PRELUDE	CB9	(91.04-94.02)
	F22A		TORNEO	CD3/4/5	(93.09-97.09)
				CD7	(94.02-96.12)
				CE1	(94.02-97.09)
				CF3/5	(97.08-02.10)
				CF4	(97.08-00.06)
				CF6/7	(97.10-)
				CF7	(97.10-)
				CJ1	(94.03-02.03)
				CJ2/3	(97.09-02.03)
				CL3	(00.06-02.10)
				RA1/2	(94.09-97.09)
				RA3/4	(97.07-99.12)
				RA6/7	(99.12-03.10)
				RA7	(99.12-03.10)
				TA1/2	(99.09-03.07)
GWHO-29A 19200-PK2-000/505 19210-PK2-305	B20A	2000	PRELUDE	BA4/5	(87.04-91.09)
	B21A	2100		BA7	(90.10-91.09)
GWHO-30A 19200-PH3-000/003 19210-PH3-305 19200-PH3-010/505	B18A	1800	ACCORD	BA1	(85.06-87.04)
	B20A	2000	ASCOT	BA4/5	(87.04-91.09)
	B18B		INSPIRE	CA2/3	(85.06-89.10)
			PRELUDE		
			VIGOR		
GWHO-31A 19200-PH9-003/405 19210-PH9-305	EH	550	TODAY	JW1	(85.09-88.02)
GWHO-32A 19200-P08-003/4 19200-P08-004 19200-P1G-E02 19200-P08-003/004/A01 19200-P08-A01	D15B	1500	CIVIC	EG1	(92.02-95.09)
	D16A	1600	CR-X	EG4/5/8	(91.08-95.08)
	ZC	1600	BALLLAD	EJ1	(93.02-96.12)
			DELSOL	EJ3	(93.09-95.08)
			DOMANI	MA4	(92.10-95.09)
				MA7	(94.02-98.03)



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PART NO.	APPLICATION GUIDE				
GWHO-33A 19200-P13-000/003/013	F20B	2000	ACCORD	BB1/4	(91.09-98.03)
	H22A	2200	ASCOT	BB6/8	(96.10-00.08)
	H23A	2300	INSPIRE	CD6	(93.09-97.09)
			PRELUDE	CD8	(94.02-96.12)
			TORNEO	CF2	(96.08-97.09)
				CF4	(97.08-02.10)
				CH9	(98.12-02.11)
				CL1	(00.06-02.10)
				CL2	(00.06-02.11)
					
GWHO-34A 19200-P14-A00/1	H23A	2300	ACCORD	CC4/5	(92.03-97.02)
			ASCOT		
			INSPIRE		
			PRELUDE		
					
GWHO-35A 19200-PY3-000/010	C32A	3200	LEGEND	KA7	(90.10-96.02)
				KA8	(90.10-98.03)
					
GWHO-36A 19200-PY3-A00	C32A	3200	LEGEND	KA7	(92.09-96.01)
				KA8	(92.09-98.03)
					
GWHO-37A 19200-PE0-515/660 19200-PE0-010/415 19200-PE0-505/661	EV	1300	CIVIC	AE	(83.07-87.09)
	EW	1500	CR-X	AG,AH	(83.09-87.09)
	EW2	1500	BALLAD	AJ	(83.10-87.09)
			QUINT	AK,SG,SH	(85.09-87.09)
			INTEGRA	AR	(84.11-87.09)
				DA2	(86.10-89.05)
				VJ	(84.08-87.10)
				SG	
				SH	
					
GWHO-38A 8-97125-975-Z 8-97061-280-Z 8-97215-975 8-97125-975-0/1 8-97061-280-0/1	6VD1	3200	PASSPORT		(94.01-94.12)
			<u>GWHO-38A=(GWIS-34A)</u>		
					

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PART NO.	APPLICATION GUIDE				
GWHO-39A 19200-P2A-003/4 19200-P2A-A01/02 19200-P2A-A03/04 19200-PDF-E01	D13B	1300	CAPA	DB6/9,DC1	(95.09-00.09)
	D15B	1500	CIVIC	EJ4	(95.09-99.08)
	D16A	1600	CR-X	EJ7	(96.01-99.02)
	ZC	1600	BALLAD	EK2/3/5	(95.08-00.09)
			DOMANI	EK8	(97.01-98.08)
			HR-V	EN1	(99.02-05.03)
			LOGO	EY6	(96.02-03.08)
			PARTNER	EY7/8	(96.02-06.03)
			QUINT	EY9	(97.02-99.05)
			INTEGRA	GA3	(98.11-01.06)
				GA4	(98.04-02.01)
				GA6	(99.09-02.01)
				GH1/2	(98.09-03.10)
				GH3/4	(99.07-05.09)
				MA4/6	(95.09-98.03)
				MB3/4/5	(97.01-00.08)
GWHO-39A=(GWIS-38A)					
GWHO-40A 19200-P75-003 19200-PT5-000/003	B18B	1800	CR-V	EL1/2/3	(96.02-02.01)
	B20B	2000	DOMANI	MA5	(95.09-98.03)
			ORTHIA	RD1	(95.10-01.08)
			S-MX	RD2	(98.12-01.08)
			STEPWAGON	RF1/2	(96.04-01.04)
				RH1/2	(96.11-02.01)
					
GWHO-41A 19200-P36-000 19200-PZ3-000	E07A	660	ACTY	HA3/4/5	(90.02-99.07)
			BEAT	HH3/4	(90.02-99.06)
			LIFE	JA2/3	(90.02-93.01)
			TODAY	JA4/5	(93.01-98.10)
			STREAM	JW3/4	(90.02-98.10)
				PP1	(91.05-96.01)
					
GWHO-42A 19200-PN3-003/013	E05A	550	ACTY	HA1/2,HH1/2	(88.05-90.03)
			STREET		
			STREAM		
					
GWHO-43A 19200-679-000/003/013 19200-679-023/033 19200-679-043/053 19200-PE9-003/013/405	EH	550	ACTY	TA,TB,VD	(82.06-88.05)
				TC,VH	(83.03-88.05)
					
GWHO-44A 19200-P1R-003 19200-PV0-003 19200-PV1-A01 19200-PV3-003	G20A	2000	ACCORD	CB5	(89.10-95.02)
	G25A	2500	ASCOT	CC2/3	(92.01-97.02)
			INSPIRE	CE4/5	(93.10-98.03)
			RAFAGA	UA1/2	(95.02-98.10)
			SABER		
			VIGOR		
					


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PART NO.	APPLICATION GUIDE					
GWHO-45A 19210-PFB-003	E07Z	660	ACTY	HA6/7,HM1/2,HH5/6,HA8/9	(99.05-12.01)	
			HOBIO	HJ1/2,HM3/4	(03.04-12.01)	
			LIFE	JB1/2	(98.10-05.03)	
			THAT'S	JB3/4	(00.12-05.03)	
			VAMOS	JD1/2	(02.02-07.10)	
			Z	PA1	(98.10-02.01)	
GWHO-46A 19200-P72-003/013 19200-P72-A01 19200-PH7-013	B16A	1600	BALLAD	DC2	(93.05-00.09)	
	B16B	1600	CIVIC	DB8	(93.07-00.09)	
	B18C	1600	CR-X	EK4	(95.08-00.09)	
		1800	INTERGRA	EG2	(95.09-99.08)	
			QUINT	EK9	(97.07-00.09)	
GWHO-47A 19200-PWA-003	L13A	1300	AIRWAVE	GB1/2	(01.12-04.01)	
	L15A	1500	FIT	GD1/2	(01.06-07.10)	
			MOBILIO	GD3/4	(02.09-07.10)	
			PARTNER	GD6/7/8/9	(02.11-09.01)	
			CIVIC	GJ1/2	(05.04-14.01)	
			JAZZ	GK1/2	(02.09-08.07)	
				GJ3/4	(06.03-14.01)	
GWHO-48A 19200-PLM-A01 19200-PLC-003 19200-PLE-005	D15B	1500	CIVIC	BE1/2	(04.07-06.12)	
	D17A	1700	EDIX	EN2	(01.01-05.05)	
			STREAM	ES1/2/3	(00.09-04.01)	
				ET2	(03.09-04.01)	
				EU1/2	(00.09-03.09)	
				EU3/4,RN1/2	(00.09-04.02)	
GWHO-49A 19200-P2J-005	D15B	1500	CIVIC	EK3	(95.08-00.09)	
			INTEGRA SJ			
GWHO-50A 19200-RBB-003/013 19200-RAA-A01 19200-RFE-003	K20A	1700	ACCORD	CL7/8/9	(02.10-08.12)	
	K20B	2000	ELEMENT	CM1	(04.10-08.12)	
	K24A	2000	ELYSION	CM2/3	(02.11-08.12)	
	D17A	2400	ODYSSEY	RB1/2,RN1/3/5	(03.10-08.10)	
			STREAM	RR1/2	(04.05-14.01)	
			CIVIC	YH2	(03.04-05.06)	
			CR-V	RG1/2/3/4	(05.05-14.01)	
			EDIX	BE8	(06.05-14.01)	
			STEPWGN	RE3/4	(06.10-14.01)	
				FD2	(06.04-14.01)	
GWHO-51A 19200-PRB-A01	K20A	2000	CIVIC	DC3/5	(01.07-14.01)	
			INTEGRA	EP3	(01.12-05.09)	

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PART NO.	APPLICATION GUIDE					
GWHO-52A 19200-PNA-003 19200-PNL-E01	K20A	1700	CR-V	BE3/4,RD6/7	(04.07-14.01)	
	K20B	2000	EDIX	DC5,RD4/5	(01.07-14.01)	
	K24A	2400	INTEGRA	RF3/4	(01.04-05.05)	
	D17A		STREAM	RF5/6/7/8	(03.06-05.05)	
			STEPWAGON	RN3	(00.10-06.07)	
			RN4	(01.01-06.07)		
			RN1/5	(04.01-06.07)		
GWHO-53A 19200-RCA-A01 19200-RDM-A01/A02 19200-RDV-J01	J35A	3500	MDX	YD1	(03.03-04.03)	
			LEGEND			
GWHO-54A 19200-P7A-003 19200-P1G-E02	D13B	1300	LOGO	GA3	(96.09-01.06)	
			CIVIC	GA5	(98.11-01.06)	
GWHO-55A 19200-PLC-005 19200-PLC-003	D15B	1500	CIVIC	ES1/2/3	(00.09-05.09)	
	D17A	1700	STREAM	ET2	(03.09-05.09)	
				EU1/2/3/4	(00.09-05.09)	
				RN1/2	(00.10-06.07)	
GWHO-56A 19200-P30-003 19200-PR3-003	B16A	1600	CIVIC	DA6/8	(89.04-93.07)	
			CR-X	EF8/9	(89.09-92.02)	
			DELSOL	EG2	(92.02-95.09)	
			INTEGRA	EG6/9	(91.08-95.09)	
			PRELUDE			
GWHO-57A 19200-P8A-A02/A03	J25A	2500	ACCORD	RA5	(97.10-00.01)	
	J30A	3000	ASCOT	RA8/9	(00.01-03.10)	
	J32A	3200	AVANCIER	RL1	(99.06-04.01)	
	J35A	3500	INSPIRE	TA3	(99.09-03.07)	
			LAGREAT	TA4	(00.02-03.07)	
			ODYSSEY	UA4/5	(98.10-03.06)	
			SABER			
GWHO-58A 19210-RGA-J00/J10 19210-RGA-000/010	P07A	660	LIFE	JB5/6	(03.09-08.11)	
			ZEST	JB7/8(TURBO)	(03.10-08.11)	
				JC1/2	(08.11-14.01)	
				JE1/2	(06.03-14.01)	






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PART NO.		APPLICATION GUIDE			
GWHO-59A 19200-PLZ-D00	1700	CIVIC		(96.01-98.08)	
GWHO-60A 19200-RNA-A01/A02	R18A 1800	CIVIC FD1,RN6/7,RT1/2		(05.09-11.01)	
		STREAM CROSSROAD FR-V(BE)		(06.07-11.01) (07.02-11.01)	
GWHO-61A 19200-RB0-003	L13A 1300 L15A 1500	FIT GE6/7/8/9		(07.10-11.01)	
		FREED GB3/4 JAZZ		(08.05-11.01)	
GWHO-62A 19200-RBC-013	K20A 2000	CIVIC FD2		(07.03-11.01)	
		ACCORD CL7 TSX		(02.10-08.12)	
GWHO-63A 19200-RZP-003/013 19200-R1P-U01	R20A 2000	STEPWAGON RK1/2/5/6		(09.10-11.01)	
		STREAM RN8/9 CROSSROAD RT3/4		(06.07-11.01) (07.02-11.01)	
GWHO-65A 19200P72013 19222PR4003	L4 1797(B18C) L4 1595(B16A) L4 1595(B16A)	ACURA INTEGRA		(96-01)	
		HONDA CIVIC HONDA CIVIC DEL SOL		(99-00) (96-97)	


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PART NO.	APPLICATION GUIDE				
GWIS-01A 8-94202477 8-94224894 8-94437048 8-97012298	G161Z 1600 G180Z 1800 G200 2000 G200Z	117COUPE PF50 (74.10-84.12) BIG HORN KB20 (76.01-80.10) CAMPO PA95 (76.01-81.05) FASTER PA20V (76.01-83.08) FLORIAN PA30 (76.01-83.08) GEMINI PF60 (77.01-87.12) PIAZZA PA96 (79.01-81.05) JR130 (81.05-88.09) UBS13CK/FK (84.01-87.01)			
GWIS-10A 5-13610038 5-13610179 8-94376832 9-13610265 9-13610323 9-13610417 9-13610605 9-13617605 9-13617635	G201 2000 C221 2200 C240 2400	ELF150 TLD12/22/32/52/62 (67.01-72.12) ELF250 CLD22 (68.01-70.12) JORNEY TLG12/22/34/42/52/62 (69.01-79.12) TLD13/23/33/43/53/63 (69.01-81.07) BGL22/24 (70.01-79.12) BLD24 (73.01-79.12) KAD42/52 (78.03-84.12) KAD52 (79.01-81.12) TLD23 (81.07-84.07)			
GWIS-14A 5-13610105 9-13610105 9-13610423 9-13617637	G161 1600 G180 1800 G180W 2000 G200 G200W	117COUPE KA40/50 (69.01-72.12) BELLET PR50/91,PR60/95 (70.01-74.12) ELF150 PA20,PA30 (70.01-75.12) FLORIAN PA95 (70.01-81.05) GEMINI KA65 (72.01-74.12) PIAZZA PA96 (79.01-81.05) PF60 (79.01-87.12) JR130 (81.05-87.09)			
GWIS-15A 5-13610012 9-13617608	C190 2000	BIGHORN KAD40/50 (71.01-72.12) ELF150 KAD41 (72.01-81.07) JORNEY KAD51 (72.01-81.08)			
GWIS-16A 5-13610150 5-13610187 8-97376843	G161 1600 4BA1 2800 4BC1 3300	BIGHORN KA41/51 (72.01-75.12) ELF150 TLD45/55/65/76 (78.12-80.05) ELF250 BLD30 (79.01-80.12) JORNEY TLD24/34/44/54/64 (79.03-80.10) BLD35 (80.01-80.10) KT15/25/35/45 (80.02-80.09) KT24 (80.02-80.10)			






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PART NO.	APPLICATION GUIDE				
GWIS-17A 5-13610012 5-13610041 8-94376865 9-13610027 9-13617636 9-13617801	4BA1 2800 4BB1 3600	ELF250 ELF350 JORNEY	BR20 KS11/21/31 TLD24/34/44/54/64 BLD30	(73.01-78.10) (73.01-78.12) (73.01-79.03) (73.01-79.12)	
GWIS-19A 8-94136076 8-94224456 8-94240089 8-94240378 8-97010200	4FB1 1800 4FC1 2000	FARGO GEMINI	PFB60, PFD60 WFR50DV WFR51DW WFR51FVH WFR51FBH WFR51FV WFR51DV	(79.01-87.02) (81.01-82.07) (81.01-85.12) (81.08-83.11) (81.08-83.12) (81.08-85.12) (82.03-83.11)	
GWIS-20A 5-13610124 5-13610174 8-94120768 8-94239649 8-94251251 8-94257855 8-94329649 8-94376837 8-94376859	C223 2000 C190 G190 C223T	117COUPE BIG HORN CAMPO FASTER FLORIAN HIPACVAN RODEO	PAD30 KBD20 KBD40 PAD96 KBD21/22/25/26/41/46 UBS52CK/FK/CS KBD42/47 UFR52 UBS52CW/FW KBD27	(77.11-83.03) (78.06-80.10) (78.06-88.05) (79.12-81.05) (80.10-88.05) (81.09-88.11) (82.12-88.05) (83.01-) (84.01-88.11) (85.04-88.05)	
GWIS-20F 8-94244409 16210-5110	C190 2000 G190 2200 C223T C223	117COUPE BIG HORN CAMPO FASTER FLORIAN HIPACVAN RODEO	KBD20 KBD21/22/25/26/41/46 KBD22/27 KBD40 KBD42/47 PAD30 PAD96 UBS52CK/52CS/52FK UBS52CW/52FW UFR52	(78.06-80.10) (80.10-88.05) (85.04-88.05) (78.06-88.05) (82.12-88.05) (77.11-83.03) (79.12-81.05) (81.09-88.11) (84.01-88.11) (85.01-)	
GWIS-21F 1-21650062 1-21650159		EXPORT MODEL (KOREA)			
GWIS-22A 8-64332637 8-94146326 8-94332637 8-94376846 8-97021773 8-97081624	4ZD1 2300	AMIGO BIGHORN IMPULSE PICK UP TROOPER		(85.01-)	







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PART NO.	APPLICATION GUIDE				
GWIS-23A 5-13610172 5-13610178 8-94104755 8-94241525 8-94376858 8-94441846	C190	2000	BIGHORN ELF150	KAD41/51 (81.07-84.12)	
GWIS-25A 8-94140341 8-94376851 8-94419461 8-94461173 8-97018560	4JA1 4JB1	2500 2800	BIGHORN CAMPO ELF150 ELF250	NHR54 NHR55 NKR55 (84.05-86.09) (84.05-86.09) (84.05-94.12)	
GWIS-26A 8-94232082 8-94332920 8-94376848	4ZA1 4ZB1	1600 1800	FARGO	WFR10DV WFR11FV WFR11DV (81.01-82.07) (81.08-86.01) (82.03-85.12)	
GWIS-27A T.K.4576	C201PT		THERMO KING(USA APPLICATION) INDUSTRIAL		
GWIS-28A 8-94117501 8-94118353 8-94118501 8-97010201	4FC1 4FD1 DIESEL	2000 2200	FARGO	WFR51,WFS51 WFR53BH,WFS51 (84.11-)	
GWIS-29A 8-94155065 8-94332922 8-94376850 8-97021775 8-97084505 8-97100852	4ZC1	2000	BIG HORN FARGO MIDI	WFR12DV UBS12CK/FK WFR12FV/FVH NFR12DT (85.12-95.08) (87.01-87.09) (87.10-95.08) (88.08-94.06)	
GWIS-30A 8-94109591 8-94376866	4EC1 4XC1 4XC1T	1500	GEMINI	JTD77 JT150 (85.03-85.06) (85.03-90.02)	
GWIS-31A 8-94376847 8-97021774 8-97081623	4ZE1	2600	BIG HORN MU	UBS17CW/FW UCS17DH UCS17DW (88.11-91.12) (89.04-92.10) (89.04-93.10)	






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PART NO.	APPLICATION GUIDE				
GWIS-32A 8-97031473 8-97360200	4XE1 1600 4XE1T	GEMINI JT190/191 (89.05-94.12) IMPULSE JT191F (90.02-93.09) PA-NERO JT191S (90.02-93.09)			
GWIS-33A 8-97031472	4XC1 1500 4XF1 1800	GEMINI JT151F (90.02-93.09) PA-NERO JT221F (91.07-93.09) PIAZZA			
GWIS-34A 8-97018777 8-97061280 8-97125424 8-97125975 8-97136127 8-97167554	6VD1 3200	BIG HORN UBS25DW/GW (91.01-98.03) TROOPER <u>GWIS-34A=(GWHO-38A)</u>			
GWIS-35A 8-94129554 8-94372119 8-94376853 8-94379924 8-94439850 8-97018556 8-97021171	4BA1 2800 4BC2 3300 4BE1 3900 4BD1 4300 4BD1T 4BG1	ELF NKR56EEG/EPN (84.07-85.11) ELF250 NKR57E2K/EN/EPN/EVN/LVN (84.07-85.11) ELF350 NPR59GR/LQR/LZN/PQR (84.07-86.02) NKR57E2N/E/ED/LR (84.07-89.07) NPR57GR/LN/LR/LVN/PR (84.07-90.05) NPR59GDR/LR/PR (84.07-93.06) NKR58E2N/E/ED/LR (86.02-93.06) NPR59LVN/LYR/PVN/PYR (86.03-93.06) NPR58GR/LR/PR (87.02-93.06) NKS58GDR/GR (87.09-93.11) NPS59GN/LN (87.12-93.12) NKR58LZN/LN (88.07-90.05) NPR57GVN (88.07-90.05) NPR59GN/GYN/LZN (88.07-90.05) NPR61GDR/GN/GYN (88.07-90.05) NPR61LR/LYR/LZN/PR/PYR (88.07-90.05) NKR58EN,NPR58GVN/LVN/LZM (88.07-93.06) NPS58GR/LR (88.07-93.12) NKR61E/ED/LR (89.07-90.05) NPS58LVN (90.05-93.12) NKR58EAVN (90.05-95.03) NKR58LAR (93.05-95.03)			
GWIS-36A 8-94387613 8-94405039 8-94411901 8-94415090 8-94471469 8-94471470	4FC1 2000 4FC1T 2200 4FD1 2400 4FG1 4FG1T	CAMPO WFR51FV (81.08-85.12) ELF150 WFR51FVH (81.08-88.11) FARGO WFR51DW (82.07-90.12) MIDI WFR53DV/FV/FVH,WFS53DV/FV (83.10-88.11) WFS53FVH (83.11-88.11) WFR53FBH (83.12-88.11) WFR51DVZ/FVZ (84.01-88.11) WFS51DW (84.11-90.12) WFS51DV/FV/FVH (85.12-88.11) WFR62DV/FV/FVH (87.10-95.08) WFS62DV/FV/FVH (87.10-95.08) WFR62FBH (88.01-95.08) NFR62DT,NFS62DT (88.08-94.06) WFR62DW,WFS62DW (90.12-95.08)			
	DIESEL				



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PART NO.	APPLICATION GUIDE				
GWIS-37A 5-13610184 8-94379924 8-94439850 8-97018556 8-97021171	4BA1 2800 4BC1 3300 4BC2 DIESEL	ELF250 TLD26/45/55/65 (80.06-84.07) KT15/25/35/45 (80.10-84.06) KT16/24/26/36/46 (80.10-84.07) TLD24/34/44/54/64 (80.10-84.07) TLD46/56/66/76 (81.07-84.07)			
GWIS-38A 5-86003904 5-86003905 5-86008904 5-86008905	D15B 1500 D16A 1600 ZC	GEMINI MJ1/2 (95.10-98.03) MJ4 (97.01-00.06) MJ5/6 (97.01-00.06) <u>GWIS-38A=(GWHO-39A)</u>			
GWIS-39A 5-86003637 5-86003638	ZC 1600	GEMINI MJ1/2 (93.09-95.10) <u>GWIS-39A=(GWHO-26A)</u>			
GWIS-40A 5-86003639 5-86003640	D15B 1500 ZC 1600	GEMINI MJ1 (93.09-95.10) MJ3 (95.02-95.10) <u>GWIS-40A=(GWHO-32A)</u>			
GWIS-41A 5-86103073 5-86123822 5-86132944	KA20DE 2000 NA20S	ELF ASK2F23 (95.01-99.06) ELF150 JVTGE24 (96.08-99.06) FARGO ASK4F23 (97.08-99.06) JCPGE24,JVPE24,JVPGE24 (99.06-01.05) ASH2F23,ASH4F23 (99.06-12.01) <u>GWIS-41A=(GWN-54A)</u>			
GWIS-42A 8-94334671 8-97073951 8-97109676 8-97333361	4HF1 4300 4HF1N 4600 4GF1 4800 4HG1 5000 4HV1 4HE1T 4HL1 4HL1N 4HJ1 4HJ1N	ELF NKR72ED/EDN/ER/LN/LR (00.02-04.05) NKR81E/EAV/EP/GL/LAV/LV (02.04-12.01) NKR81E3N/E/EAV/EP/LAV/LV (02.04-12.01) NKR81E3N/EA/EAV/ED/EP (02.05-12.01) NKR81GAV/LAR/LAV/LV (02.05-12.01) NKS81EA/EAD/EAV/GAR/GAV (02.06-12.01) NPS72LAR/LAV/PAR/PAV (02.10-12.01) NKR81A/AD/AN/AR/N/R (04.05-12.01) NPR81AN/AR,NPS81AN/AR/N (04.06-12.01) NKR82AN/N,NPR82AN (05.02-12.01) NJR82AN,NMR82AN/N (07.07-12.01) NPR66GDR/GVN/LVN (90.05-95.03) NKR66GN,NKS66L,NKS71G (93.05-99.04) NPR70GDR/LR/LYR/PR/PYR (93.05-99.04) NKR66E3N/EAV/EDN/EP/ER (95.03-04.05) NKR71GN/LAR/LAV/LR/LV (95.03-04.05) NPR70GDR,NPR71GDR (95.03-97.04) NKR71EN/GAV/LN,NKS71LAR (97.04-04.05) NPR72GDR/GR/LR/LV/PR (97.04-12.01) NKS66GAR,NPR70PR (97.04-99.04) NKR66E/EAV/ED/LR/LV (99.04-04.05) NKR71E3N/E/EAV/EP (99.04-04.05) NKS71GA/GAR/GAV/LAV/LN (99.04-04.05)			

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PART NO.	APPLICATION GUIDE			
GWIS-43A 5-13610047 5-13610057 5-13610077 5-13610163 5-13610169 5-13610170 5-13616169 8-94376863 8-94483167 8-97028595 9-13610325 9-13610394	C240 2400	TCM FORKLIFT KOMATSU FORKLIFT	SD10,SD12,FD15, FCD15,FD18,FCD18, FD20,FCD20,FVD20, FD23,FCD23,FVD23, FD25,FCD25,FVD25, FD25Z4,FD28,FCD28, FVD28,FD30,FVD30, FD20Z5,FD30Z5 FD15,FD20,FD23 FD25,FD28,FD30	
GWIS-44A 8-97167554	6VD1 3200 6VE1 3500	BIG HORN D-MAX MU TROOPER VEHICROSS WIZARD	UGS25DW (97.03-99.02) UBS26DW/GW (98.02-12.01) UES25FW (98.03-12.01) UER25FW (99.02-02.09)	
GWIS-45A 8-97105012	4JA1 2500 4JB1 2800 4JB1T 3100 4JG2	BIG HORN ELF MU	NHR69/N (04.06-12.01) NHS69A/AN (04.10-12.01) NKR55EVN/LN (84.07-85.11) NHR54C/CVN/E (84.07-93.06) NHR55C/CVN/E/EVN,NKR55E/LR (84.07-93.06) WHR55EX/EXH,WKR55EXH (85.03-93.12) UBS55CK/FK (87.10-91.12) UBS55CM/CW/FM/FW (88.11-91.12) UBS55FWR (90.04-91.12) UCS55DW,UCS55DWM (90.07-93.10) NHS55EA (91.08-93.07) UBS69DW/GW (91.12-98.03) NKR69EAVN (93.05-95.02) NHR69C/CA (93.06-03.08) NHR69E/EA (93.06-12.01) NHR69CVN/EAVN/EVN (93.06-95.04) NHS69EAVN (93.07-95.04) UCS69DWM (93.10-98.07) WHR69EAX/EAXH,WKR69EAXH (94.01-95.05) NHR69EAV,NKR69CAE/EAV (95.03-12.01) NHS69EAV (95.04-04.05) WHR69EA/EAH,WKR69EA/EAH (95.06-12.01) UCS69GW (95.12-98.07)	
GWIS-46A 8-97942972 8-97942209	4JA1 2500 4JH1 3000	RODEO D-MAX	TFR54 (04-) TFS77	
GWIS-47A 8-92064391 8-92067078	C22NE 2200	PICK-UP	TF#-30	

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PART NO.	APPLICATION GUIDE				
GWIS-48A 8-97602781	6HE1 7100 6HH1 8200		FORWARD FRD32/33,FRR32/33 (90.01-) FSR32,FTR32 (95.02-) FRS33		
GWIS-49A 1-13610819	6BD1 5800		FORWARD SCR320/370/420/450/480/550/650 (81.10-84.02) JCR360/420/460/500/550/650 (84.02-90.12) SCS330/370/420 ESR11,FRD11,FRR11,FSR11,FTR11		
GWIS-50A 8-97312147-3 8-97312147-4		2499 2999	D-MAX RODEO	(07.01-) (05.01-)	
GWIS-51A 8-97627357					<div>NEW</div> 
GWIS-53A 8-90322506 8-90466343	X22SE 2180		AMIGO RODEO RODEO SPORT	(98-00) (98-03) (01-03)	

KOREAN CAR (HYUNDAI) WP






PART NO.	APPLICATION GUIDE		
GWHY-08A 25100-32120 25100-33011 25100-33012 25100-33020	G4CP-D	1997	SANTAMO (99.05-) SONATA II (91.01-93.10) JOICE (00.02-) CARSTAR (00.02-) <u>GWHY-08A=(GWKR-100A)</u>
GWHY-09A 25100-33111 25100-33112 25100-33120 25100-33122 25100-33130 25100-33132	G4CP	1795 1997	SANTAMO (98.10-02.10) SONATA II (91.01-93.10) SONATA III (96.08-98.06) <u>GWHY-09A=(GWKR-101A)</u>
GWHY-11A 25100-38002 25100-38200	G4BP G4JS-G G4JP-G G4JP G6BV	2000 2400 2500	HIGHWAY VAN (00.03-) SANTAFA (01.08-) MPI SOHC (01.02-) SONATA IV[EF] (01.10-04.11) (98.03-01.10) OPTIMA[MAGENTIS] (01.05-) OPTIMA[MAGENTIS] V6 (01.05-) TRAJET [FO] (00.03-) <u>GWHY-11A=(GWKR-102A)</u>
GWHY-12A 25100-3B300	V8MPI	4500	EQUUS[LZ4.5] <u>GWHY-12A=(GWKR-103A)</u>
GWHY-17A 25100-22010 25100-22012 25100-22650 25100-24030 25100-24040 25100-24060 25100-25012	G4EH G4EK G4E-A MPI SOHC	1341 1495	ACCENT I / SALOON (94.10-00.01) ACCENT (00.01-) ACCENT (02.12-) AVANTE(ELANTRA) (02.09-) CLICK(GETZ) EXCEL VERNA <u>GWM-17A=(GWKR-106A)</u>



KOREAN CAR (HYUNDAI) WP

PART NO.	APPLICATION GUIDE		
GWHY-19A 25100-02500 25100-02501 25100-02502 M0725102400	G4HC-E 1000 G4HG 1100 G4HE	ATOS(MX), ATOS PRIME(MX) (98.02-02.03) CLICK(TB) (02.09-) PICANTO(BA) (04.04-) (05.09-) <u>GWHY-19A=(GWKR-107A)</u>	
GWHY-20A 25100-27000 25100-27010	D3-EA 1500 D4FA 2000 D4EA 2500 D3EA 2700 G6BA-G	ACCENT II(LC) (02.04-) ACCENT 1.5CRDi (02.01-05.11) AVANTE(XD) 2.0CRDi (01.04-) CLICK(TB) 1.5CRDi (03.03-) i30 2.0CRDi (07.10-) LAVITA(FC) 1.5CRDi (01.10-) SANTAFE(SM)CRDi (01.04-) SONATA V(NF)CRDi (06.02-) TRAJET(FO) 2.7 V6 (00.09-) TUCSON(JM) CRDi (04.08-) XG25 (98.12-) <u>GWHY-20A=(GWKR-108A)</u>	
GWHY-22A 25100-38450	G4CS 2400 G4JS	H-1 BUS(KMF) 2.4 (4WD) (97.10-) SORENTO(JC)-2.T (02.08-) <u>GWHY-22A=(GWKR-110A)</u>	
GWHY-23A 25100-26015 25100-26016 25100-26900 25100-26901 25100-26902	G4EE 1399 G4ED-G 1599	ACCENT (95.10-00.01) AVANTE(ELANTRA) (00.06-) CLICK (05.08-) LAVITA -DOHC (01.06-) VERNAL -DOHC <u>GWHY-23A=(GWKR-111A)</u>	
GWHY-32A 25100-27900	D4EA 2000	SANTAFE [SM] 2.0 CRDi (02.12-05.12) <u>GWHY-32A=(GWKR-116A)</u>	
GWHY-35A 25100-23001 25100-23002 25100-23011	G4CR G4DF	COUPE(RD) 1.6 COUPE(RD) 2.0 i30 i30 CW LANTRA <u>GWHY-35A=(GWKR-117A)</u>	

KOREAN CAR (HYUNDAI) WP

PART NO.	APPLICATION GUIDE		
GWHY-36A 25100-27400	D4EB 2000 D4EA 2200 G6EA 2700 G4KA D4EA-F	GRANDEUR [TG] 2.2CRDi (06.06-) i30 2.0CRDi (07.10-) SANTAFE[SM] 2.2CRDi (05.10-) SANTAFE 2.7[CM] V6 GLS (06.03-) SONATA V [NF] 2.0CRDi (06.02-) TRAJET [FO] 2.0CRDi (01.04-) TUCSON[JM] 2.0CRDi (04.08-) CARENS III[UN] 2.0CVVT (06.09-) CEE'D [ED] 2.0CRDi 140 (07.09-) OPTIMA [MG] 2.0CRDi (06.04-) SPORTAGE[JE] 2.0CRDi (06.01-)	
		<u>GWHY-36A=(GWKR-132A)</u>	
GWHY-42A 25100-23001 25100-23002 25100-23003 25100-23010 25100-23011 25100-23020 25100-23021 25100-23022 25100-23511 25100-23530	G4GR 2000 G4GC-G G4GC	TIBURON (RD) (01.03-02.04) TUSCANI (GK) (02.03-) AVANTE (XD) (00.06-) i30 (07.10-) i30 CW Estate (08.02-) CEED(ED) (06.12-) TUCSON(JM) (04.08-) SPORTAGE(JE) (04.09-)	
		<u>GWHY-42A=(GWKR-105A)</u>	
GWHY-43A GWHY-43AH [INCLUDED HOUSING] 25100-39010 25100-39012	G6CT-G 3000 G6CU 3500	GRANDEUR XG 3.0 (98.12-) GRANDEUR XG 3.5 (03.04-) OPIRUS GH3.5 (03.09-)	
		<u>GWHY-43A=(GWKR-104A)</u> <u>GWHY-43AH=(GWKR-104AH)</u>	
GWHY-44A GWHY-44AH [INCLUDED HOUSING] 25100-39800 25100-39802	G6CU 3500	TERRACAN (HP) 3.5 V6-MPI (01.12-06.10) SORENTO(JC) 3.5V6 (02.08-06.04)	
		<u>GWHY-44A=(GWKR-112A)</u> <u>GWHY-44AH=(GWKR-112AH)</u>	
GWHY-45A 25100-37102 25100-37200 25100-37201 25100-37202	G6BA-G 2500 G6BV-G 2700	SANTAFE [SE] 2.7 V6 (01.02-) SONATA IV [EF] 2.5 (98.06-01.10) SONATA IV [EF] 2.7 (01.10-04.11) TUCSON [JM] 2.7 (04.08-)	








KOREAN CAR (HYUNDAI) WP

PART NO.	APPLICATION GUIDE				
GWHY-52A 25100-2A000 25100-2A001	D4FA 1120 D4FB 1500 D3FA 1600	ACCENT III 1.5CRDi (05.11-) AVANTE [XD] 1.6CRDi (06.02-) CLICK [TB] 1.5CRDi (05.08-) i10 1.1CRDi (08.01-) I30 1.6CRDi (07.10-) LAVITA [FC] 1.5 CRDi (04.12-) CEED 1.6CRDi (06.12-) CERATO 1.5CRDi (05.07-) PICANTO 1.1CRDi (05.11-) RIO II[JB] 1.5CRDi (05.03-) VERNA TCI DOHC			
GWHY-67A 25100-3A100	D6EA 3000	VERACRUZE 3.0 V6 CRDi (08.09-) IX55 3.0 V6 CRDi (08.09-) MOHAVE 3.0 V6 CRDi (08.09-)			
GWHY-70A 25100-4A000 25100-4A100 25100-4A200 M251004A000	G4JS 2500 G6CU 3500	H-1 BUS(KMF) 2.5CRDi (02.12-) H-1 BOX 2.5CRDi (07.01-) H-1 CARGO 2.5CRDi (08.02-) SORENTO(JC) (02.08-) SORENTO(JC) 3.5V6 (02.08-)			
GWHY-105A 25100-32500 25100-32501 25100-32502 25100-32510 25100-32512 25100-32515	G4CP 1800 G4CP-U 2000 G4CS 2400	SANTAMO 2.0 (98.10-02.10) SONATA II [Y-2] (88.09-93.10) (88.09-93.10) (88.09-91.08) SONATA III [Y-3] (93.05-98.06) <u>GWM-27A=(GWKR-121A)</u> (94.06-98.06)			
GWHY-106A 25100-41000 25100-41001	D4AF D4AK	MIGHTY 2.5TON MIGHTY 3.5TON <u>GWM-33A=(GWKR-122A)</u>			
GWHY-107A 25100-42000 25100-42001	D4BH 2500 D4BX,D4BA D4BX,D4BA D4BF	GALLOPER II 2.5 TD (98.08-) H100 BUS 2.5D/TD (93.07-00.03) H100 BOX 2.5D (94.12-00.03) STAREX(H1) 2.5D/TD (97.09-) <u>GWM-39A=(GWKR-123A)</u>			

KOREAN CAR (HYUNDAI) WP

PART NO.	APPLICATION GUIDE				
GWHY-108A 25100-11010	4G33 G32B	1238 1439 1597	PONY 1.2 (74.06-) PONY 1.4 (77.08-) PONY Wagon 1.2 (78.02-) STELLAR 1.4 (83.10-86.08) STELLAR 1.6 (88.09-91.08) <u>GWM-01A=(GWKR-124A)</u>		
GWHY-109A 25100-32000 25100-32010 25100-32020 25100-32031 25100-32033 25100-43000	G4CS L4CS	2351 2400	H100 BUS 2.4 (93.07-00.03) H-1 BUS [KMF] 2.4 (97.10-) H-1 BOX [KMF] 2.4 (00.03-) GRACE 2.4 SOHC (97.10-)		
GWHY-110A 25100-03010		1248	i10(PA) - 1.2 (11.08-) i20(PB,PBT) - 1.2 (09.08-)	<div data-bbox="1284 728 1444 772">NEW</div> 	
GWHY-111A 25100-42700 25100-42501 25100-42540 25100-42541	D4BH	2476	GALLOPER II [JK-01] 2.5TD (98.08-) H-1 Bus [KMF] 2.5TD (99.10-01.11) H-1 Box 2.5TD (00.03-) STAREX [H1] 2.5TCi (97.10-04.04) TERRACAN [HP] 2.5D (01.06-03.10) BONGO 2.4TDCi (03.10-) PREGIO 2.5 (95.08-04.09) <u>GWHY-111A=(GWM-52A)</u>		
GWHY-130A 25100-36000 25100-36010 25100-36020 25100-36030			SONATA[Y-II] <u>GWHY-130A=(GWM-40A)</u>		

KOREAN CAR (HYUNDAI) FC

PART NO.		APPLICATION GUIDE	
GWHY-01F 25720-81041	8DC9 BUS	11149 16031	AERO-SPACE, AERO-QUEEN, HSX <u>GWHY-01F=(GWKR-100F)</u> 
GWHY-02F 25237-93110	9D16		8TON <u>GWHY-02F=(GWKR-101F)</u> 
GWHY-06F 25239-41100	D4A		2.5TON <div>PHOTO NOT AVAILABLE AT TIME OF PRINTING</div> <u>GWHY-06F=(GWKR-102F)</u>
GWHY-07F 25237-42010	D4B		1TON <u>GWHY-07F=(GWKR-103F)</u> 
GWHY-08F 25720-43600	MPI	RH23/33	GRACE(AH-), STAREX(A1), POTER(AU-) 1 TON <u>GWHY-08F=(GWKR-104F)</u> 
GWHY-09F 25239-72120	D8AV		10-12TON <u>GWHY-09F=(GWKR-105F)</u> 
GWHY-10F 25239-41301	D4A		2.5-3TON <u>GWHY-10F=(GWKR-106F)</u> 
GWHY-11F 25237-42050	D4B		1TON(A/C) <u>GWHY-11F=(GWKR-107F)</u> 

KOREAN CAR (HYUNDAI) FC

PART NO.	APPLICATION GUIDE			
GWHY-12F X25232-36001	D4B /V6	JEEP	<u>GWHY-12F=(GWKR-108F)</u>	
GWHY-13F 25720-55010	DB	AERO TOWN	<u>GWHY-13F=(GWKR-109F)</u>	
GWHY-15F 25720-43660	MPI RH23/33	GRACE(AH-), PORTER (Au-) 1 TON	<u>GWHY-15F=(GWKR-110F)</u>	
GWHY-17F 25239-70010	6D22 L-ENG D6CA L2DA/B L3D 8DCP	16031 11.5TON~75TON(TRT, MIXER, CARGO, 11TON~19TON(CARGO, DUMP,) 8TON~70TON(TRT, CARGO, DUMP, TANK LORRY,) DUMP, TANK LORRY,)	<u>GWHY-17F=(GWKR-111F)</u>	
GWHY-19F 25237-42560	V6 D4B	3000 LIBERO(SR), STAREX(A1), GALLOPER(QA) 1 TON PORTER	<u>GWHY-19F=(GWKR-112F)</u>	
GWHY-19F-01 25237-42561	4D56 T1/2 TC,TCI D4B	2500 2600 PORTER(AU), GRACE(AH), GALLOPER(QA) 1 TON	<u>GWHY-19F-01=(GWKR-113F)</u>	
GWHY-20F 25237-42920	D4B	1TON , JEEP	<u>GWHY-20F=(GWKR-114F)</u>	
GWHY-20F-01 25237-42921	D4B 4D56 T2 TC	2500 2600 STAREX(A1), LIBERO(SR) 1 TON	<u>GWHY-20F-01=(GWKR-115F)</u>	







KOREAN CAR (HYUNDAI) FC

PART NO.	APPLICATION GUIDE		
GWHY-20F-02 25237-42922	D4B 2500 4D56 2600 T2 TC	STAREX(A1), LIBERO(SR) 1 TON <u>GWHY-20F-02=(GWKR-116F)</u>	
GWHY-21F 25237-93200	D6BR 7545 6D16	AERO-TOWN, 5TON, 8TON <u>GWHY-21F=(GWKR-117F)</u>	
GWHY-22F 25239-45001	D4A 3298 4D31 3567 4D34 TRUK	3.5TON COUNTY, PAMAX, MIGHTY <u>GWHY-22F=(GWKR-118F)</u>	
GWHY-23F 25239-45101	D4A 3298 4D31 3567 TRUK 4D34	3.5TON PAMAX, MIGHTY <u>GWHY-23F=(GWKR-119F)</u>	
GWHY-26F 25237-42200	D4B 3500 V6 GSL DSL	JEEP TERRACAN(HP) <u>GWHY-26F=(GWKR-121F)</u>	
GWHY-27F 25720-8A800	L-ENG 12900 BUS	AERO-SPACE, AERO-EXPRESS AERO-QUEEN <u>GWHY-27F=(GWKR-122F)</u>	
GWHY-28F 25237-4A000	A-ENG 2500	1TON SORENTO(BL), STAREX(A1) <u>GWHY-28F=(GWKR-123F)</u>	
GWHY-29F 25720-55200	KK-TCI 6600 BUS	AERO-TOWN <u>GWHY-29F=(GWKR-124F)</u>	

KOREAN CAR (HYUNDAI) FC

PART NO.	APPLICATION GUIDE			
GWHY-30F-01 25237-42101	D4BH 4D56 TCI	2500	STAREX(A1), LIBERO(SR) HR(PORTER) <u>GWHY-30F-01=(GWKR-125F)</u>	
GWHY-31F 25239-84410	L-ENG TRUK	16000	L-ENG (TRUK) <u>GWHY-31F=(GWKR-127F)</u>	
GWHY-32F 25237-42610	4D56 TCI	2500	PREGIO(CT), FRONTIER(TU), STAREX(A1-EURO-3) LIBERO(SR-EURO-3) PU(TU) <u>GWHY-32F=(GWKR-128F)</u>	
GWHY-33F 25720-8C300	6D22 BUS 6D22 C6AB-QDD D6AC/C6AB-Q-CNG	11149 16031	AERO-CITY, AERO-SPACE, AERO-EXPRESS GRANBIRD, BUS <u>GWHY-33F=(GWKR-129F)</u>	
GWHY-33F-01 25720-8C400	6D22 BUS 6D22 C6AB-QDD D6AC/C6AB-Q-CNG	11149 16031	AERO-CITY, AERO-SPACE, AERO-EXPRESS GRANBIRD, BUS <u>GWHY-33F-01=(GWKR-130F)</u>	
GWHY-35F 25239-45010	D4A		3.5TON BUS <u>GWHY-35F=(GWKR-131F)</u>	
GWHY-36F 25239-45500	W-ENG D4D-C/RAIL BUS TRUK	3600	COUNTY, MIGHTY, NARROW <u>GWHY-36F=(GWKR-132F)</u>	
GWHY-37F 25239-45020	D4AL		3.5TON TRUK <u>GWHY-37F=(GWKR-133F)</u>	

KOREAN CAR (HYUNDAI) FC

PART NO.	APPLICATION GUIDE		
GWHY-38F 25237-42750	4D56 TCI 2500	PU(TU) <u>GWHY-38F=(GWKR-134F)</u>	
GWHY-39F 25720-8C800	OM900 OM926 BUS TRUK	AC540, AERO-CITY, 8,5TON <u>GWHY-39F=(GWKR-135F)</u>	
GWHY-43F 25720-5E100	KK-CNG	GY <u>GWHY-43F=(GWKR-136F)</u>	
GWHY-45F 25237-42650	T2/4D56 2500 TCI	HR(PORTER) STAREX(A1)-'04 F/LIFT <u>GWHY-45F=(GWKR-137F)</u>	
GWHY-47F 25237-42620	4D56 TCI	CT, F/LIFT <u>GWHY-47F=(GWKR-138F)</u>	
GWHY-48F 25239-45550	W-ENG BUS	<u>GWHY-48F=(GWKR-139F)</u>	





KOREAN CAR (KIA) WP

PART NO.	APPLICATION GUIDE				
GWK-02AH OK04R15010 OK71015010 OK71015010A OK71015010B	RF	2000	RETONA [CE] 2.0TD (99.06-) SPORTAGE [K00] 2.0TD (97.10-03.08)		
			<u>GWKR-213AH</u>		
GWK-13A 135515010B			TOPIC <u>GWMZ-13A=(GWKR-206A)</u>		
GWK-15A OK65A15100 OK65A15100A OK65A15100B	J2 J2/ JT	2665	K2700 [SD] 2.7D (99.10-) BESTA BOX [TB] 2.7D (97.10-) BONGO FRONTIER		
			<u>GWK-15A=(GWKR-200A)</u>		
GWK-17A OK24A15010	T8 B1 B3 B5 B6	1138 1324 1498 1598 1600 1800	SHUMA [FB] 1.6 (01.01-01.12) SHUMA [FB] 1.8i (97.10-01.03) PRIDE [DA] 1.1i (91.01-) PRIDE [DA] 1.3i (90.01-) PRIDE Estate 1.3 (99.08-) SEPHIA [FA] 1.5i (96.02-) SEPHIA [FA] 1.6i (95.01-)		
			<u>GWK-17A=(GWKR-201A)</u>		
GWK-18A OK63115100 OK61415010A P01	B3	1324	TOPIC <u>GWK-18A=(GWKR-202A)</u>		
GWK-19A 25100-3X000 OFE3N15010D OFE3N15010E OFE3N15010F OFE3N15010G	F804 FE	1789 1998	ROCSTA 1.8i [ASIA] (93.06-) SPORTAGE [K00] 2.0 (94.04-99.08) CREDOS [CLARUS]- DOHC		
			<u>GWK-19A=(GWKR-203A)</u>		
GWK-20A AA10015010A			ASIA <u>GWK-20A=(GWKR-204A)</u>		
GWK-21A OK9BV15010	K5	2500	CARNIVAL 2.5 V6 (99.08-01.10) CARNIVAL II 2.5 V6 (01.10-) (EGI, DOHC)		
			<u>GWK-20A=(GWKR-214A)</u>		




KOREAN CAR (KIA) WP

PART NO.	APPLICATION GUIDE				
GWK-22A 25100-2Y000 25100-2Y001 0K24715010 0K24715010A 0K24715010B 0K24715010C	T8	1594 1793	CARENS I [FC] 1.8i (00.11-02.07) CARENS II [FJ] 1.6 (02.07-) CARENS II [FJ] 1.8 (02.07-) CREDOS [K9A] 1.8i (96.07-) CLARUS Estate 1.8i (98.05-) SEPHIA [FA] 1.8i (95.01-) SHUMA [FB] 1.8i (97.10-01.03) SHUMA II [FB] 1.8 (03.04-04.08)		
			(GWKR-215A)		
GWK-23A OK70615010		2400 2800	CERES BONGO WIDE		
			GWK-23A=(GWKR-216A)		
GWK-24A 0VN0115100 0VN0115100B 0VN0115100C		2700	BESTA 2.7		
			GWK-24A=(GWKR-217A)		
GWK-25A OK90015010 OK90015010G OK91715010	F804	1789	ROCSTA 1.8i (93.06-)		
			(GWKR-215A)		
GWK-26A 25124-2X000		1500 1600	RIO (01-02) (03-04)		
GWK-27A K80015010 072715100C					
			GWMZ-27A=(GWKR-211A)		
GWK-31A KKY0115010D OK30C15010A OK93015010A 25100-2X100	B1 B3 B5	1138 1324 1493 1598 1500	PRIDE [DA] 1.1i (91.01-94.09) PRIDE [DA] 1.3i (90.01-00.07) RIO [DC] 1.3 (00.09-05.02) RIO [DC] 1.5 (00.09-05.02) SEPHIA [FA] 1.5 (96.02-) SEPHIA [FA] 1.6 (95.01-) AVELLA SOHC		
			GWMZ-31A=(GWKR-205A)		









KOREAN CAR (KIA) WP

PART NO.	APPLICATION GUIDE			
GWK-32A 0FE1H15010G 0FE1H15010H	SOHC	2000	CREDOS 2.0 SOHC CONCORD <u>GWMZ-32A=(GWKR-209A)</u>	
GWK-40A 8AW215100 9AW215100 K43115010		3500	JUMBO <u>GWMZ-40A=(GWKR-212A)</u>	
GWK-52A RF951-5010 E7FZ-8501B	R2	2184	BESTA 2.2D (96.02-) <u>GWF-52A=(GWKR-210A)</u>	
GWK-71A OK93715010 8AB515010A 8AB815010A E9JY8501B	OK280 DOHC	1498	SHUMA[FA] 1.5 (97.10-01.03) SEPHIA II AVELLA DOHC <u>GWF-71A=(GWKR-207A)</u>	




KOREAN CAR (KIA) FC

PART NO.	APPLICATION GUIDE		
GWK-02F OK410-15-140	SH-ENG 3581 3000 SL-ENG 2700	FORNTIER(TU), TRADE TITAN(2.5TON) TITAN(1.4TON), TOPIC <u>*WITH FAN</u> <u>GWK-02F=(GWKR-200F)</u>	
GWK-03F OK758-15-150D	SF-ENG	CERESS <u>*WITH FAN</u> <u>GWK-03F=(GWKR-201F)</u>	
GWK-05F OK770-15-140C	NB-1	BESTA <u>*WITH FAN</u> <u>GWK-05F=(GWKR-202F)</u>	
GWK-06F-01 OK028-15-140	NB-7	JEEP <u>*WITH FAN</u> <u>GWK-06F-01=(GWKR-203F)</u>	
GWK-06F-03 OK048-15-140A	NB-7 2000 (SS)	JEEP (02 MY) SPORTAGE(AL), (NL) <u>*WITH FAN</u> <u>GWK-06F-03=(GWKR-204F)</u>	
GWK-08F VS01-15-140A	VN 2000 RFA	JEEP (02 MY) HI-BESTA SPORTAGE(AL), (NL) <u>*WITH FAN</u> <u>GWK-08F=(GWKR-205F)</u>	
GWK-11F OK65A-15-140D	J3(KJ) ENG	HP-1 <u>*WITH FAN</u> <u>GWK-11F=(GWKR-206F)</u>	
GWK-12F OK708-12-140A	SF-ENG(2.4)	WIT <u>*WITH FAN</u> <u>GWK-12F=(GWKR-207F)</u>	

KOREAN CAR (KIA) FC

PART NO.	APPLICATION GUIDE		
GWK-14F-01 OK01W-15-140	FED ENG	JEEP <u>*WITH FAN</u> <u>GWK-14F-01=(GWKR-208F)</u>	
GWK-14F-03 OK038-15-140A	GF/FEED 2000	SPORTAGE(AL), (NL) JEEP (02 MY) <u>*WITH FAN</u> <u>GWK-14F-03=(GWKR-209F)</u>	
GWK-15F OK77J-15-140	RF (TCI) 2700 J2 3000	PREGIO(CT), FRONTIER(TU), SPORTAGE(AL),(NL) <u>*WITH FAN</u> <u>GWK-15F=(GWKR-210F)</u>	
GWK-17F OK77M-15-140	GF/FEED 2700 JT ENG 3000	PREGIO(CT), FRONTIER(TU), SPORTAGE(AL),(NL) <u>*WITH FAN</u> <u>GWK-17F=(GWKR-211F)</u>	
GWK-19F 25215-4X100	J3(KJ) 3000	TERRACAN(HP) HP-1 <u>*WITH FAN</u> <u>GWK-19F=(GWKR-212F)</u>	
GWK-20F-01 25215-4Z200	J2/JT 3000	PREGIO(CT) <u>*WITH FAN</u> <u>GWK-20F-01=(GWKR-213F)</u>	
GWK-21F 25215-4X500	J3 3000	CT(P05V/P06V), PU(1, 1.4(M/T), 4WD(M/T) <u>*WITH FAN</u> <u>GWK-21F=(GWKR-214F)</u>	
GWK-22F 25215-2W100	RF (TCI) 2000	SPORTAGE(AL), (NL) <u>*WITH FAN</u> <u>GWK-22F=(GWKR-215F)</u>	

KOREAN CAR (KIA) FC

PART NO.	APPLICATION GUIDE		
GWK-23F 25215-4Z100	J2/JT 2700 3000	PREGIO(CT), FRONTIER (TU), SPORTAGE(AL),(NL) <u>*WITH FAN</u> <u>GWK-23F=(GWKR-216F)</u>	
GWK-24F 25215-4X600	J3 ENG 3000	PU(TU) <u>*WITH FAN</u> <u>GWK-24F=(GWKR-217F)</u>	
GWK-25F	J3 ENG	PU1.4 <u>*WITH FAN</u> <u>GWK-25F=(GWKR-218F)</u>	

KOREAN CAR (DAEWOO) WP

PART NO.	APPLICATION GUIDE			
GWDW-10A 90220568	C18LE 1800 C20LE 1998	ESPERO 1.8 (95.02-99.09) ESPERO 2.0 (95.02-99.06) PRINCE 2.0 BROUGHAM <u>GWO-10A=(GWKR-308A)</u>		
GWDW-11A 93231147 93221331 90284802	1800 2000	ESPERO 1.8 (95.02-99.09) ESPERO 2.0		
GWDW-12A 90281612 90442207	T20SED 1600 T22SED 1800 F16D3 2000 T18SED 2200	REZZO 2.0 (05.03-) LEGANZA 2.2 (99.04-02.12) NUBIRA 1.6 (03.07-04.12) NUBIRA 1.8 (03.07-04.12) <u>GWO-12A=(GWKR-305A)</u>		
GWDW-13A 90325660 96351969 90144227	Y15L 1500 G15MF	CIELO 1.5 (95.04-97.07) ESPERO [KLEJ] 1.5 (97.10-99.09) NEXIA 1.5 (95.02-97.08) NEXIA Saloon 1.5 (95.02-97.08) <u>GWO-13A=(GWKR-309A)</u>		
GWDW-16A 90373189 91172178 91173496 96059659		MATIZ(SPARK) (98-02)		
GWDW-18A 96353151 90444359 90466343 92064250 24409355 92065969	X 20 D1 2000 T20SED 1800 T18SED	EPICA 2.0 (05.01-06.12) REZZO 2.0 (05.08-) LACETTI 1.8 (05.08-) NUBIRA 1.8 (05.03-) <u>GWO-18A=(GWKR-314A)</u>		
GWDW-38A 17400A60D01 96518977 96563958	B12S1 796 F8CV 995 B10S 1150 F8CV F8C	KALOS 1.2 (05.03-) MATIZ 0.8 (05.03-) MATIZ 1.0 (05.03-) SPARK 0.8 (05.05-) SPARK 1.0 (05.05-) TICO 0.8 (95.02-00.12) <u>GWS-13A=(GWKR-300A)</u>		
GWDW-39A 17400A70D04 1740070D00	796	DAMAS 0.8 (95.03-98.07) LABO <u>GWS-14A=(GWKR-301A)</u>		




KOREAN CAR (DAEWOO) WP

PART NO.	APPLICATION GUIDE			
GWDW-40A 94022627 94232082			GWS-15A=(GWKR-302A)	
GWDW-46A 12395558 12397649 90234200 90325661	A15MF 1498 A16DMS 1500 1598	LEMANS [RACER] - SOHC ESPERO [KLEJ] 1.5 16V (95.02-99.06) LANOS[KLAT] 1.6 (97.05-) NEXIA [KLETN] 1.5 16V (95.02-97.08)	GWG-46A=(GWKR-303A)	
GWDW-87A 96352649 96351971 96351284 94013802	A15MF 1500 A16DMS 1600	ESPERO 1.5 (93.10-94.09) LANOS 1.6 (97.05-) NEXIA 1.5 (95.02-97.08) NUBIRA 1.6 (00.07-) CIELO DOHC	GWG-87A=(GWKR-310A)	
GWDW-88A 5094013802 90351284 94013802 96351971	A15MF 1498 1598	ESPERO [KLEJ] 1.5 (93.10-94.09) LANOS [KLAT] 1.6 (97.05-) NEXIA [KLETN] 1.5 (95.02-97.08)	GWG-88A=(GWKR-311A)	
GWDW-89A 90325661B		LEMANS	GWG-89A=(GWKR-312A)	
GWDW-90A 96352648 96350799 96872704	F14S3 1399 A16DMS 1498 F14S3 1598 A15SMS	KALOS 1.4 (05.03-) REZZO 1.6 (05.03-) LANOS [KLAT] 1.4 -SOHC (02.09-) LANOS [KLAT] 1.5 -SOHC (97.05-)	GWG-90A=(GWKR-313A)	
GWDW-91A 96230587	1761	LACETTI Saloon[J200] 1.8 (03.08-04.12) REZZO [KLAU] 1.8 (00.09-)	GWG-91A=(GWKR-306A)	
GWDW-92A 96352650 96182871 96930074 96872702	F14D3 1399 F16D3 1598 A16DMS	AVEO [T200,T250] 1.4 (06.03-) KALOS 1.4 16V (05.03-) LACETTI 1.4 16V (05.03-) NUBIRA 1.6 - DOHC (05.03-) REZZO 1.6 (05.03-) KALOS [KLAS] 1.4 (03.04-) DOHC	GWG-92A=(GWKR-307A)	



KOREAN CAR (DAEWOO) WP

[illegible]





KOREAN CAR (DAEWOO) FC

PART NO.	APPLICATION GUIDE	
GWDW-02F 65.0665060 10	D1146 ENG	<div data-bbox="676 416 948 443"><u>GWDW-02F=(GWKR-300F)</u></div> 
GWDW-05F 65.06650-6014	DV15 DV19 ENG	<div data-bbox="676 506 778 533">11-19TON</div> <div data-bbox="676 656 948 683"><u>GWDW-05F=(GWKR-301F)</u></div> 
GWDW-07F 96088484	DE12/T ENG	<div data-bbox="676 891 1059 918"><u>GWDW-07F=(GWKR-302F)(GWIS-21F)</u></div> 







KOREAN CAR (SSANGYONG) FC

PART NO.	APPLICATION GUIDE	
GWSY-04F 21232-05000 A661-200-30-22	M601 2299 M602 2874	MUSSO, KORANDO  <u>GWSY-04F=(GWKR-400F)</u>
GWSY-05F A661-200-32-22	0M602 2874 ENG	ISTANA  <u>GWSY-05F=(GWKR-401F)</u>







MAZDA

PART NO.	APPLICATION GUIDE				
GWMZ-01A 0222-15-010/C/D	UB	1500	LUCE	SUA/D/N	(66.01-70.12)
					
GWMZ-02A 0305-15-010 0305-15-010C/D/E 0305-99-151 0315-15-010/D	UB NA VC VB	1500 1600 1800	BONGO CAPELLA COSMO GRAND FAMILIA LUCE PROCEED	SUAV SVA SUA SNA SU2A BNA61 SU4A/4AV LA2VV SN3AV SN3A SV2A LA2VS PE2N6 CD2VC BA2N8/N9 FE2V6 LA4VS CB2NS BA2V8H CB2VS HBPH8	(67.04-73.03) (68.10-73.03) (70.01-73.03) (70.03-74.01) (70.09-73.11) (71.01-76.10) (72.01-73.07) (73.09-76.01) (73.09-78.03) (73.09-78.06) (74.02-75.06) (74.03-76.01) (77.02-79.10) (77.03-79.12) (77.07-83.09) (77.08-77.09) (77.09-81.07) (78.09-80.08) (78.09-82.02) (78.10-82.09) (81.07-83.10)
					
GWMZ-03A 0324-15-010/A/B/C 0324-15-010D/E 0324-15-131 0324-15-140A 0324-99-151/A 8AS4-15-010/A	PC TC UC	1000 1300 1400	BONGO FAMILIA PRESTO GRAND FAMILIA PROCEED	SPC,SPCV,FA3PS FA2T(3T/4TS/4TV) STC,STCV BTA67 BA2T8 EA4US,FA4UV BA2U8 SS48V SE48TF,SS48VF SS48V,SE48T SE48T	(70.01-78.02) (70.01-85.12) (71.07-78.07) (72.03-76.12) (77.07-78.09) (78.03-85.12) (78.09-83.12) (83.09-87.08) (83.09-87.09) (83.09-90.08) (84.02-87.08)
					
GWMZ-07A 0259-15-010/A 0259-15-020 0777-15-010B	PB TA/TB	1000 1200	FAMILIA PRESTO BPAV,BPB,BPC SP2A/2E,MP2A/2H BPA55,BTA65	(68.01-73.12) (68.01-73.12) (70.01-73.12)	 ●Aluminum body
GWMZ-08A 0706-15-010G					<div>DISCONTINUED</div>




MAZDA

PART NO.		APPLICATION GUIDE						
GWMZ-10A 0381-15-010/A/B/C 0381-99-151/A	MA 2000	CAPELLA	CD3MC	(77.03-81.03)				
		COSMO	LA4MS	(77.09-81.09)				
LUCE	LA4MV	(79.01-88.12)						
	CB2MS	(79.03-82.07)						
	HBPHE/SHE	(81.07-83.10)						
	HBSHE	(81.08-83.10)						
GWMZ-10A=(GWMZ-12A)			●Aluminum body					
GWMZ-13A* (0636-15-010 0750-15-010/C 1363-15-010 1363-15-100/A 8363-15-010 W/HOUSING NO.)	XA	2500	E-2000	EXA12/32/35		(66.02-71.05)		
	XB	2700	TITAN	EXB12/43		(71.06-73.03)		
	HA	3000	PARKWAY	EXA12/13/43		(71.11-77.02)		
				EXR15	(76.07-80.09)			
				TA3H1	(77.03-80.09)			
				TA3H4	(77.03-80.09)			
	GWMZ-13A=(GWMZ-15A)			●Aluminum body				
	GWMZ-14A 0552-15-010G GE19-15-010	UA	1500	CRAFT	DUC9	(71.07-77.06)		
		VA	2000	TITAN	EV12/13/43	(71.06-79.12)		
				PARKWAY				
GWMZ-18A* (1757-15-010B/C/E 1757-15-920B 1757-15-130B/D 1757-23-920/A/B/G 1757-23-925B/F 3648-15-130A/B/C/D 3648-15-130E/F/G 8553-15-010B/E/F 8872-15-010A/B/D/E N225-15-010I N232-99-153A W/HOUSING NO.)	12A	1146	CAPELLA	LA22S	(73.11-77.05)			
	13B	1308	COSMO	LA33S/33W	(73.12-77.09)			
			LUCE	S124W	(74.01-76.10)			
			RX-5	S124A	(74.01-77.04)			
			RX-7	SB12S	(74.02-77.03)			
			SAVANNA	CD22C	(75.10-78.01)			
				CD23C	(75.10-81.08)			
				LA42S	(77.09-78.03)			
				LA43S	(77.09-81.07)			
				SA22C	(78.03-85.10)			
				HB3S	(81.08-87.12)			
				HBSN2	(81.08-90.05)			
	GWMZ-21A* (8AB1-15-010 8AB2-15-010 8ABT-15-010A E301-15-010A/B/C/D/F E5B6-15-010/A/B W/HOUSING NO.)	E3	1300	FAMILIA	BD1031,BF3P,BD1051,BF5P		(80.05-87.02)	
		E5	1500	LASER	BF5V		(80.05-94.12)	
					BF5PF/RF/VF/SF		(82.10-87.02)	
					BD1051,BF5P/S		(82.12-87.02)	
					BF3PF,BF3VF		(84.02-87.02)	
					BF3V		(85.11-94.08)	
					BW3W,BW5W		(89.10-94.08)	
GWMZ-22A 8AW1-15-100/A 8AW3-15-100/A/B SE01-15-100 SEA1-15-100/B	XA	2500	TITAN	WEWOF1/XOF1/YOF1/YOF2	(80.09-83.02)			
	HA	3000	PARKWAY	WEWO51,WE5AT	(80.09-90.08)			
				WVLSF/F4B	(81.10-)			
				WEF4C/F4D/F4H/F4T	(83.03-94.12)			
				WEFA/FAE/FAT/FAX	(83.03-94.12)			
				WEFAD/AT	(84.01-89.05)			
				WE5AT	(87.02-89.05)			
				WG5AT	(89.04-92.01)			
				WGFAT	(89.04-95.05)			
				WGFAD	(89.05-92.01)			







MAZDA

PART NO.	APPLICATION GUIDE			
GWMZ-24A 3299-15-010	1500	ECONO VAN TIWAN 		
GWMZ-25A 8AG3-15-010/B/D 8AG3-15-100 8AG7-15-010/A F801-15-010A/B/C/D OK900-15-010/A/G OK917-15-010 RFG1-15-100	F6 1600 F8 1800 FE 2000 RF	BONGO GC8PF,GCEPF(EGI) (82.09-) CAPELLA GC6P,GC6PF,GC8P,GCEP (82.09-85.02) COSMO SDATF,SREAN/EAVF,SR89V/89T (83.05-85.02) SPECTRON SRE9W/EAV (83.05-87.08) TELSTER GC8J (83.08-85.02) SS88WF/RF (83.09-85.02) SS88W (83.09-87.09) HBEP/ES (83.09-90.05) SD89T,SDEAT (83.12-87.08) SS88M/88R (84.10-87.08) GVFR/FW (92.08-94.10) GVFV (92.08-99.04) 		
GWMZ-26A 1345-15-010A	2G23 550 G23B	PORTER CAB PC4D (77.03-82.11) PC56T (82.11-84.10) 		
GWMZ-27A 0727-15-100C K800-15-010		(for KOREA) 		
GWMZ-28A 1456-15-010 K590-15-010 K756-15-010 OK590-15-010 OK756-15-010	S2 2200 DIESEL	BONGO BA2S8/2S9/2S8H/2S9H (79.09-83.12) LUCE LA4SS (80.07-81.07) 		
GWMZ-29A 8AG1-15-010A/B FE79-15-010B/C/E/J OFEIH-15-010G	F6 1600 F8 1800 FE 2000	BONGO HBEJ (82.09-90.04) CAPELLA SR89V (83.05-87.08) COSMO SRE9W/EAV (83.05-87.08) LUCE GC8J (83.08-87.05) SPECTRON SS88W/88R (83.09-87.09) TELSTER HBEP/ES (83.09-90.05) SD89T,SDEAT (83.12-87.08) GC6PF (85.02-) GC6P,GC8P,GCEP (85.02-87.05) SD89TF,SS89VF,SREAV/E9W/EAT/E9V (85.02-87.09) SDATF,SREAN/EAVF,SR89V/89T/88M (85.02-90.08) SRE9V (85.07-87.08) SREAM (85.08-87.08) SE88M (85.09-87.08) 		

MAZDA

PART NO.		APPLICATION GUIDE			
GWMZ-30A* <div>0K710-15-010/A 21010-HC225 8AG2-15-100B 8AG6-15-010/A R201-15-010B/A/C R2S2-15-010B RF01-99-154/A RF03-15-010B RF95-15-010/B/C</div> <div>W/HOUSING NO.</div>	RF R2 S2	2000 2200	BONGO CAPELLA PROCEED SPECTRON TELSTER	SD2ATF/29TF/29VF SR2AOF/29VF SE28,SD29,SD2A,SR2A SR29V/2AV,SEF8T,SS28 SSF8V/W,SEF8T SRF9W SR29V,SR2AV GCFP/J SSF8V SSF8W GCEPF SD29T,SD2AT SS28M SS28R SSF8TF,SSF8VF,SSF8WF SR2AM SE28M,SS28M SD29M SSF8R SD2AM SS28V SE28T TF31W TJ31W SE28M/T,SS28H/28M/28V TJ32W SK22L/22M/22T/22V SK24L/24T/26L/26T	(83.05-) (83.05-) (83.05-94.12) (83.05-94.12) (83.05-94.12) (83.05-95.09) (83.05-97.05) (83.08-87.07) (83.09-95.09) (83.09-99.05) (83.10-) (83.12-99.06) (86.11-87.08) (86.11-90.02) (87.09-94.12) (87.09-97.05) (87.09-99.05) (87.09-99.06) (89.01-99.05) (90.08-99.06) (93.08-99.05) (93.09-99.05) (95.01-96.09) (95.01-97.11) (96.09-99.05) (98.02-99.09) (99.05-03.12) (99.06-00.10)
	DIESEL				
GWMZ-31A <div>0K930-15-010A 8AB3-15-010/B 8AB4-15-010/A 8AB7-15-010 8AD2-15-010/A B301-15-010 B33G-15-010 B3C7-15-010/A/B B630-15-010/A/D</div>	B1 B3 B3E B3ME E3 B3Mi B5 B5E B5Mi B6	1100 1300 1500 1600	CAPELLA DEMIO ETUDE FAMILIA FESTIVA LASER REVUE	DA1PF,DA3PF/3VF BFMR,BFSR BFMP,BFTB,BFTP BFSP BFMPF/RF,BFSPF/RF BFTPF,BG3PF BWMR GD6P GV6V BG6RF BG5P/5S 8G5P/S,BF6M,BWMR/Z BG3P,BW3W BG3P/3S,BG6R BG5PF BG6Z BF6M BW3W DB3PA,DB5PA DW3W,DW5W BHA3P/3S BJ3P	(86.02-94.12) (87.01-89.02) (87.02-89.02) (87.02-90.12) (87.03-89.03) (87.03-94.12) (87.04-94.08) (87.07-91.10) (88.01-99.04) (89.01-94.12) (89.02-94.04) (89.02-94.12) (89.02-94.12) (89.02-96.01) (89.03-94.12) (89.08-94.03) (89.10-94.08) (89.11-94.12) (90.08-99.02) (96.07-02.07) (96.08-99.05) (98.04-02.08)
					
GWMZ-32A <div>8AH2-15-010/A/B 8AK1-15-010/A/B 8AS6-15-010 FEMJ-15-100/R</div>	F8 FE	1800 2000	BONGO CAPELLA LUCE SPECTRON TELSTER	HCEP GD8J/8P/8S/8Y SD89 SRE9W/EAVF,SDEAT/AV SS88MF,SD89T/89D,TF SDEATF,SS88M,SR89V SGEW	(86.09-94.12) (87.05-89.07) (87.09-94.12) (87.09-94.12) (87.09-94.12) (87.09-94.12) (90.08-94.12) (95.05-97.11)
					

MAZDA









PART NO.	APPLICATION GUIDE				
GWMZ-34A 0290-15-010A	MA	2000	CAPELLA LUCE COSMO <u>EXPORT MODEL</u>	(77.01-)	
GWMZ-35A 8AB5-15-010/A 8AB8-15-010 8ABS-15-010 8AD1-15-010 B660-15-010B/C/E/R OK937-15-010	B6 B5 BP	1500 1600	ETUDE BFMR EUNOS 100 BFMP EUNOS ROADSTER BG6S FAMILIA BG5P/5S LASER BG6P ROADSTAR BG6RF,BG8RF NA6CE BG8R/8Z BG5PE,BG8PE BG8P BG8S	(85.10-89.02) (85.10-90.12) (89.02-91.01) (89.02-94.04) (89.02-94.12) (89.03-94.12) (89.06-94.12) (89.08-94.12) (89.10-94.12) (90.03-94.04) (90.11-94.04)	
GWMZ-36A 8AH3-15-010/A/C/D 8AH3-15-010B/E 8AL2-15-010	JF JE	2000 3000	LUCE HCFS MPV LVEW	(86.09-94.12) (89.11-95.10)	
GWMZ-37A ZZM1-15-010 ZZMA-15-010	RF R2	3000	PICK-UP TRUCK B3000	(94.01-94.12)	
GWMZ-38A 8AL1-15-010/A/B G601-15-010C/D	G5 G6	2500 2600	MPV UF66M PROCEED UV66R LV5W UV56R	(89.11-99.02) (90.12-96.01) (94.12-99.05) (96.02-99.02)	
GWMZ-39A 8ABB-15-010/A/B B6BF-15-010F B6BFE-15-010A/B B6BFE-15-101A	B5 Z5 B6 B6ZE BP BPVE BPZET	1500 1600 1800	FAMILIA CBA8P LANTIS NA8C LASER BHALP/LS ROADSTAR BHA5P/5S BHA8P BHA8S BHA6R NB6C,NB8C	(93.08-97.06) (93.08-97.11) (94.05-95.07) (94.05-96.10) (94.05-98.04) (94.05-99.05) (94.09-98.05) (97.12-05.08)	

MAZDA



PART NO.	APPLICATION GUIDE			
GWMZ-40A* 8AW2-15-100/A 8AW4-15-100/A 8AW8-15-010 8AW8-15-100 9AW2-15-100 SL01-15-100D SLA1-15-100A SLE1-15-100 W/HOUSING NO.	SL TF	3500 4000	PARKWAY TITAN	WEL4C/4H/4T,WELAE/AM/AT (84.01-87.02) WEL1D,WEL7T,WELAT (84.01-89.05) WEL4D/LAC/LAD/LAK/LAN/LAT (84.01-89.05) WELAC/LAD/LAK/LAN (84.01-89.05) WELAF (84.03-89.05) WEL4C/4H/4M/4T,WELAE/AM (87.02-89.05) WGL4H/4S (89.04-91.12) WGL4M,WGLAM (89.04-91.12) WGL4H/L4T/L7H/L7T (89.04-94.12) WGLAN (89.05-92.01) WGLAD/LAF/LAT (89.05-94.12) WGT4H/T4T/T7H/T7T (89.05-94.12) WGTAD/TAE/TAK/TAT (89.05-94.12) WGLAK (90.07-92.01)
GWMZ-41A 8AG9-15-010 FS01-15-010F	FS FSDE FSZE	2000	CAPELLA CLEF CRONOS FAMILIA MPV MS-6 PREMASY TELSTER	CPEW (01.06-05.02) BJFP (01.12-03.09) GESRF (91.10-94.07) GESR (91.11-96.04) GESRA (92.04-94.07) CG2SP/SR (94.07-97.06) GFEP/ER (97.06-02.03) GWER/EW (97.10-02.05) LWEW (99.05-02.04) BJFW (99.06-03.09)
GWMZ-42A 8AE2-15-010	K8 KF KL	1800 2000 2500	CLEF CRONOS EUNOS 500 EUNOS PRESSO EUNOS ROADSTER LANTIS MS-6 MS-8 MX-6 TELSTER	EC8SE (91.01-93.12) GEEPA (91.01-94.12) GE8P,GEEP (91.09-94.07) GE5B,GEEB (91.11-94.05) CA8PE,CAEPE (91.12-94.02) MB5A/5P,MBEP (92.01-94.06) GE5PF (92.01-94.12) GE5P,GE5PA (92.04-94.07) CBAEP (93.08-95.07)
GWMZ-43A 8AK2-15-010 KL47-15-010/C	K8 KF KFZE KL KLZE	1800 2000 2500	AZ-3 CAPELLA CRONOS EUNOS 500 EUNOS 800 EUNOS PRESSO EUNOS ROADSTER LANTIS MILLENIA MS-6 MS-8 MX-6 TELSTER	EC8SE (91.01-93.12) EC8S (91.01-98.01) GEEP (91.09-96.04) GE8P (91.10-94.07) GE5B (91.11-96.01) CA8PE,CAEPE (91.12-94.02) GE5PF (92.01-92.12) MB5P,MBEP (92.01-98.02) GE5P (92.04-96.04) TA5Y/5Z (93.08-96.05) CBAEP (93.08-97.06) TA5A (93.08-98.07) CA8P,CAEP (94.02-96.01) GE5S,GEES (94.05-96.01) TAFP (98.06-02.10)



MAZDA

PART NO.		APPLICATION GUIDE			
GWMZ-44A ZZM3-15-010 1F00-15-010 RFF5-7E-8505 RFFS-7E-8505 ZZP0-15-010/A	2300	B2300 PICKUP		(95.01-97.12)	
		<u>GWMZ-44A=(GWF-84A)</u>			
GWMZ-45A ZZM7-15-010	3000	B3000 PICKUP		(95.01-98.12)	
		<u>GWMZ-45A=(GWF-85A)</u>			
GWMZ-46A 1N00-15-010 1N05-15-010 1N19-15-010	CD20 2000 DIESEL	ETUDE FAMILIA BWEY10		(94.01-) (94.08-96.09)	
		<u>GWMZ-46A=(GWN-52A)</u>			
GWMZ-47A 97TM-85-05A ZZL0-15-010/A ZZM5-15-010	4000	B4000 PICKUP NAVAJO V6		(94.01-98.12) (91.01-94.12)	
		<u>GWMZ-47A=(GWF-77A)</u>			
GWMZ-48A 8AC4-15-010 8AL4-15-010A JE96-15-010B	JE 3000	MPV LVEW		(95.10-99.05)	
GWMZ-49A 8AL4-15-100/110 8ALA-15-100A WL11-15-100E WL81-15-100A	WL 2500 DIESEL	BONGO	SY54L/54T/56L/56T	(00.10-04.08)	
		MPV	LVLRL, LVLW	(95.10-99.05)	
		PROCEED	UVL6R	(96.02-99.02)	
		TITAN	SD59M/59T/5AM/5AT, SR59V/5AM/5AV	(97.04-99.06)	
			SK54L/54T/56L/56T	(99.06-00.10)	
GWMZ-50A* (8AG4-15-010/A 8AGA-15-010 W/HOUSING NO.)	RF 2000	CAPELLA	GDFF	(87.07-91.10)	
		CRONOS	GVFV	(88.01-99.04)	
		MS-6	GVFW	(89.05-97.10)	
			GEFP	(92.04-96.04)	
			GVFR	(92.08-97.10)	
GWMZ-51A 8AB6-15-010 8AB9-15-010/A PN11-15-010A PN40-15-010	PN 1700 DIESEL	FAMILIA	BF7P	(85.07-89.02)	
		LASER	BF7V	(85.11-94.08)	
			PF7V, BG7P, BW7W	(89.02-94.12)	
			BG7PF	(89.03-94.12)	

MAZDA

PART NO.		APPLICATION GUIDE				
GWMZ-52A 8AW5-15-100 8AWA-15-100/A TF04-15-100A/B	TF	4100	TITAN	WGT4H/7H/7T	(89.04-91.12)	
	TM	4600		WGT4T,WGTAE/AT WGT1D,WGTAD/AK WGM4H/4S/4T/7H/7T WGM1D,WGMAD WGMAF WGE1T/4T,WGEAD/AH/AT,WGFAK	(89.04-95.05) (89.05-95.05) (91.12-95.05) (92.01-95.05) (93.06-95.05) (95.05-00.05)	
GWMZ-53A 8AH7-15-010C JE48-15-010E	J5	2500	MS-9	HD5S	(91.03-96.01)	
	JE	3000	SENTIA	HDES HD5P HDEP HEEA HEEP	(91.03-96.01) (93.11-96.01) (93.11-96.01) (95.10-00.09) (97.09-00.09)	
GWMZ-54A* <div>AJY1-15-010 GY01-15-010B</div> W/HOUSING NO.	GY	2500	MPV	EPFW	(00.11-03.12)	
	AJ	3000	TRIBUTE	LWFW LW5W	(02.03-03.10) (99.05-02.04)	
<u>GWMZ-54A=(GWF-91A)</u>						
GWMZ-55A ZL01-15-010A 8ABC-15-010 8ABE-15-010	B5	1500	FAMILIA	BHA5P/5S	(95.06-96.10)	
	Z5 ZL ZLDE ZLVE			BHALP BHALS BJ5W BJ5P	(95.06-98.09) (95.06-99.05) (98.04-03.09) (98.04-14.01)	
GWMZ-56A 8AG2-15-010/A/B/C FE3P-15-100	F8	1800	CAPELLA	GDEA/EP/ES	(87.05-91.10)	
	FE FEM FEN	2000	EUNOS 300 PERSONA	GDER GDEB MAEP GD8A/8B/8P/8R/8S MA8PE,MAEPE MA8P GVER GV8W GVEW	(87.07-91.10) (88.02-91.10) (88.10-92.03) (89.04-91.10) (89.11-92.03) (90.02-92.03) (90.08-97.10) (92.08-97.10) (96.06-97.10)	
GWMZ-57A ZJ01-15-010A/B	ZJVE	1300	AXELA	DY3W,DY5W	(02.06-07.05)	
	ZJVEM ZYVE	1500	DEMIO VERISA	BK5P DY3R,DY5R DC5R/W DE3AS/3FS,DE5FS BL5FP/FW	(03.10-14.01) (03.11-07.05) (04.06-14.01) (07.05-11.06) (09.06-11.08)	
GWMZ-58A L327-15-100/A L3G2-15-100 LF01-15-100/A LF52-15-100/A LF70-15-010	LFDE	2000	ATENZA	LW3W	(02.03-05.12)	
	L3VE L3VDT L3 L3DE	2300	AXELA CX-7 MPV PREMASY TRIBUTE	GG3P/3S,GGEP/ES GY3W,GYEW BK3P,BKEP CR3W,CREW LY3P ER3P	(02.05-05.06) (02.06-05.06) (03.10-06.05) (05.02-07.08) (05.12-14.01) (06.12-14.01)	







MAZDA

PART NO.		APPLICATION GUIDE		
GWMZ-59A* (1A01-15-010A 1A02-15-010A) W/HOUSING NO.	K6A	660	AZ OFFROAD MD21S (98.10-00.11) AZ WAGON JM23W (98.10-02.01) CAROL HB22S (98.10-99.10) LAPUTA HP21S (99.03-01.03)	
			<u>GWMZ-59A=(GWS-27A)</u>	
GWMZ-60A* (1A05-15-010A 1A61-15-010B) W/HOUSING NO.	K6A	660	AZ WAGON HP21S (00.10-01.03) CAROL CY51S,CZ51S (97.04-98.09) LAPUTA HB22S (98.10-00.12) MD21S (99.10-00.11)	
			<u>GWMZ-60A=(GWS-28A)</u>	
GWMZ-61A* (1A12-15-010C 1A17-15-010A) W/HOUSING NO.	K6A	660	AZ WAGON HB22S (00.12-02.04) CAROL MD22S (00.12-03.09) LAPUTA HB23S (00.12-04.09) SPIANO HP22S (01.04-05.12) HF21S (02.02-08.09)	
			<u>GWMZ-61A=(GWS-32A)</u>	
GWMZ-62A* (1A13-15-010C 1A18-15-010B) W/HOUSING NO.	K6A	660	AZ WAGON MD22S (01.11-03.09) LAPUTA HP22S (01.11-05.12) SPIANO HF21S (02.10-08.09)	
			<u>GWMZ-62A=(GWS-35A)</u>	
GWMZ-63A* (1A09-15-010D) W/HOUSING NO.	K6A	660	SCRUM DG62T (01.09-02.05) DG62V/62W (01.09-05.09) DG63T (02.05-14.01)	
			<u>GWMZ-63A=(GWS-37A)</u>	
GWMZ-64A AZ01-15-010/11/12/13 AZ12-15-010/A/B AZ13-15-010/A	F6A	660	AZ WAGON AA6PA/RA (90.02-95.10) AZ-1 PG6SA (92.10-96.05) CAROL CY21S,CZ21S (94.07-98.06) AC6P/6R (95.10-98.09)	
			<u>GWMZ-64A=(GWS-19A)</u>	
GWMZ-65A 1A00-15-010 1A03-15-010	F6A	660	AZ WAGON HB12S,MD11S (98.10-99.10) CAROL DG52T/52V,DH52T/52V (99.01-99.12) LAPUTA HP11S (99.03-99.10) SCRUM DG52W (99.12-00.05)	
			<u>GWMZ-65A=(GWS-25A)</u>	
GWMZ-66A 1A04-15-010 1A06-15-010	F6A	660	AZ WAGON MD12S (00.12-01.10) CAROL HP12S (01.04-01.10) LAPUTA HP11S (99.03-01.03) SCRUM HB12S,MD11S (99.10-00.11) DG52T/52V,DH52T/52V,DG52W (99.12-01.09)	
			<u>GWMZ-66A=(GWS-26A)</u>	



MAZDA

PART NO.	APPLICATION GUIDE				
GWMZ-67A* (1A14-15-010 1A14-15-010A/B/C/D) W/HOUSING NO.	K6A	660	AZ WAGON MJ21S (03.10-07.05) CAROL HB24S (04.09-09.12) MJ22S (07.02-08.09) MJ23S (08.09-14.01)	<u>GWMZ-67A=(GWS-38A)</u>	
GWMZ-67AH 1A14-15-010 1A14-15-010A/B/C/D	K6A	660	AZ WAGON MJ21S (03.10-07.05) CAROL HB24S (04.09-09.12) MJ22S (07.02-08.09) MJ23S (08.09-14.01)	<u>GWMZ-67AH=(GWS-38AH)</u>	
GWMZ-68A* (1A15-15-010 1A15-15-010A/B/C) W/HOUSING NO.	K6A	660	AZ WAGON MJ21S (03.10-07.05) MJ22S (07.02-08.09) MJ23S (08.09-14.01)	<u>GWMZ-68A=(GWS-39A)</u>	
GWMZ-68AH 1A15-15-010 1A15-15-010A/B/C	K6A	660	AZ WAGON MJ21S (03.10-07.05) MJ22S (07.02-08.09) MJ23S (08.09-14.01)	<u>GWMZ-68AH=(GWS-39AH)</u>	
GWMZ-69A 8AG8-15-010 FP01-15-010/F/G	FP 1800 FPDE 1800		CAPELLA CAPP (94.02-96.01) EUNOS 500 CG2PP (94.07-97.06) FAMILIA GF8P (97.06-02.03) PREMASY GW8W (97.10-02.05) BJ8W (98.05-00.10) CP8W (99.02-05.02)		
GWMZ-70A 21011-HA101 RF2A-15-100A/B/C	RF	2000	BONGO SKF2L/2M/2T/2V (03.12-14.01) CAPELLA SYF4L/4T/6L/6T (04.08-14.01) PREMACY SKF6M/FHM/FHV (04.11-07.08) TITAN SKF6V (04.11-14.01) GFFP (98.06-99.10) GFWF (98.07-99.10)		
GWMZ-71A 21010-HC400/425 21010-HC426/7 21010-J2004 21011-HC400 8AH2-15-010/A/B 8AH4-15-010 8AK1-15-010/A 8AS6-15-010/A E92Z-8501A F02Z-8501A FEMJ-15-100	F8 1800 F8E 2000 FE 2200 FEE FEC F2		BONGO SYE4T,SYE6T (00.10-14.01) BONGO SSE8R/8W (86.11-95.09) CAPELLA GD8P (87.05-91.10) LUCE SRE9W (87.09-95.09) PERSONA SE88M,SS88M (87.09-99.05) TITAN SD89T,SDEAT,SREAV (87.09-99.06) GD8A/8B (88.02-89.06) HC2J (92.03-95.12) SS88V (95.08-96.09) SE88T (95.08-99.05) SS88H (96.09-99.05) SGE3 (97.11-05.11) SK82L/82M/82T/82V (99.05-14.01) SKE4T/6T (99.06-00.10) SKE6V (99.06-14.01)		

MAZDA




PART NO.	APPLICATION GUIDE				
GWMZ-72A* (1A20-15-010A) W/HOUSING NO.	K6A	660	SCRUM	DG64V/64W	(05.09-14.01)
				<u>GWMZ-72A=(GWS-42A)</u>	
GWMZ-72AH 1A20-15-010A	K6A	660	SCRUM	DG64V/64W	(05.09-14.01)
				<u>GWMZ-72AH=(GWS-42AH)</u>	
GWMZ-73A* (1A21-15-010) W/HOUSING NO.	K6A	660	SCRUM	DG64V/64W	(05.09-14.01)
				<u>GWMZ-73A=(GWS-43A)</u>	
GWMZ-73AH 1A21-15-010	K6A	660	SCRUM	DG64V/64W	(05.09-14.01)
				<u>GWMZ-73AH=(GWS-43AH)</u>	
GWMZ-74A 8AK3-15-010B KJ01-15-010H KJ01-15-106A	V6	2.3	MILLENNIA		(95-02)
					
GWMZ-75A 2S7Z 8501-BG 2X4Z 8507-BA 5L8Z 8501-A 5M8Z 8501-A 5M8Z 8501-B AJ03-15-010G AJ57-15-116	V6 V6 V6 V6 V6 V6 V6 V6 V6	3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	FORD FORD MERCURY MERCURY MPV MERCURY FORD MAZDA LINCOLN	ESCAPE FUSION MARINER MILAN SABLE TAURUS TRIBUTE ZEPHYR	(05-08) (06-09) (05-08) (06-09) (04-06) (03-05) (04-06) (05-08) (06)
					

MERCEDES BENZ

PART NO.	APPLICATION GUIDE		
GWBE-01A 115-200-0120/1220 115-200-1280 121-200-0320 121-200-0620 127-200-0220 1152000220 1152001620 1212001120 A1152000120	59-61	1900	190C,190DC
	59-65	2000	220B,220SB,220SEB
	61-65	2200	200,200D
	65-67	2300	/8 (W114) .6(114.015)
	65-68	2500	/8 (W114)
	68-72		/8 (W114) (114.010)
	68-73		/8 (W115)
	68-76		/8 (W115) (115.010)
	68-77		/8 (W115) D (115.110)
	69-72		/8 Coupe (W114) C (114.021)
			COUPE (W111) SEB (111.021)
			COUPE (W111) SE (111.021)
			HECKFLOSSE (W110) C (110.010)
			HECKFLOSSE (W110) DC (110.010)
			HECKFLOSSE (W110)
			HECKFLOSSE (W110) D (110.010)
			HECKFLOSSE (W110) (110.011)
			HECKFLOSSE (W111) B (111.010)
			HECKFLOSSE (W111) SB (111.012)
			HECKFLOSSE (W111) SEB (111.014)
			HECKFLOSSE (W111) S (111.010)
			
GWBE-02A 110-200-0120/0920 110-200-0980 115-200-0020 115-200-1520/80 121-200-0920 1102001720 1102010101 1152001820 1212001020 6172000620	67-71	2000	200/8,200D/8,220/8,230/8
	67-72	2200	250/8,250CE/8
	68-71	2300	220D/8
	68-72	2400	250280
	68-73	2500	280S,280SE
	68-74	2800	/8 (W114) .6(114.015)
	68-76	3000	/8 (W114)
	68-77		/8 (W114) (114.010)
	69-72		/8 (W114) (114.023)
	72-		/8 (W114) E (114.062)
	72-76		/8 (W114) D (115.115)
	72-77		/8 (W115) (115.010)
	72-80		/8 (W115) D (115.110)
	73-76		/8 (W115) .4 (115.017)
	73-77		/8 (W115) D (115.117)
	74-76		/8 (W115) D (115.114)
	74-81		/8 Coupe (W114) C (114.021)
	74-85		/8 Coupe (W114) C (114.023)
	76-79		/8 Coupe (W114) C (114.073)
	76-80		/8 Coupe (W114) CE (114.072)
	76-81		COUPE (C123) C (123.043)
	76-85		COUPE (C123) C Turbo-D (123.153)
	77-80		COUPE (W111) SE (111.024)
	77-82		G-CLASS (W460) G (460,2)
	77-83		G-CLASS (W460) GD (460,3)
	77-85		G-CLASS (W460) GE (460,2)
	79-85		HENSCHER 2-t 206 D
	79-87		KOMBI Estate (S123) T (123.083)
	79-89		KOMBI Estate (S123) T D (123.183)
	79-93		KOMBI Estate (S123) T D (123.190)
	80-85		KOMBI Estate (S123) T Turbo-D (123.193)
	81-85		PAGODE (W113) SL (113.044)
	82-96		Saloon (W123)
			Saloon (W123) (123.020)
			Saloon (W123) D
			Saloon (W123) D (123.120)
			Saloon (W123) D (123.126)
			Saloon (W123) E (123.223)
			

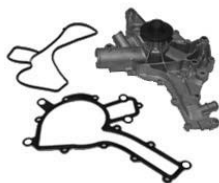

continued

MERCEDES BENZ

PART NO.		APPLICATION GUIDE				
GWBE-02A			Saloon (W123) (123.023) Saloon (W123) D (123.123) Saloon (W123) D (123.130) Saloon (W123) Turbo-D (123.133) S-CLASS (W108,W109) S (108.016) S-CLASS (W108,W109) SE,SEL (108.018,108.019) S-CLASS (W116) S (116.020) S-CLASS (W116) SE,SEL (116.024) SL (R107) SL (107.042) SL Coupe (C107) SLC (107.022) T1 Box (601) 210 T1 Bus (601) 207 D T1 Bus (601) 208 T1 Bus (601) 210 T1 Flatbed/Chassis (601) 207 D T1 Flatbed/Chassis (602) 307 D			
	GWBE-03A* <div>117-200-0001 117-200-0201 117-200-0301 117-200-0801 117-200-0202 117-200-0901 117-200-2801 117-200-3801 117-201-0201 A1172000301 A1172003801 W / THERMOSTAT NO.</div>	68-72 69-71 70-72 71-72 71-80 72-80 73- 73-79 73-80 75-80 78-80	2800 3000 3500 4500 5000 6900	280SE,300SEL,3.5 & 4.5 Litre 450SE/SEL/SL/SLC CABRIOLET (W111) 280 SE (111.025) COUPE (W111) 280 SE (111.026) S-CLASS (W108,W109) 280 SE,SEL (108.057, 108.058) S-CLASS (W108,W109) 300 SEL (109.016) S-CLASS (W108,W109) 300 SEL (109.056) S-CLASS (W116) SE,SEL (116.024) S-CLASS (W116) SE,SEL (116.028,116.029) S-CLASS (W116) SE,SEL (116.032) S-CLASS (W116) SE,SEL (116.033) S-CLASS (W116) 450 SEL (116.036) SL (R107) SL (107.043) SL (R107) SL (107.044) SL Coupe (C107) SLC (107.023) SL Coupe (C107) SLC (107.024) SL Coupe (C107) 450 SLC (107.026)		
		GWBE-04A 111-200-0401 111-200-4001 111-201-0401	92-93 93-00 93-98 96-02 98-05	1800 2000 2200 2300	220CE,220TE,200E,220E C200,C180 E220,E200,E200T,E220T ML230 SLK200,CLK200	

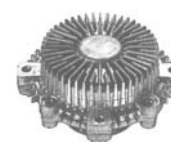


MERCEDES BENZ

PART NO.		APPLICATION GUIDE		
GWBE-05A 112-200-0201 112-200-0401 112-200-1401 112-202-0110 112-200-1101 112-200-0123	00-04	2800	E320T	
	00-05	3200	E430,E320,E55AMG,CLK320	
	04-	4300	E430T,E55TAMG	
	96-03	5500	C280,C320	
	97-00		C280T,C43AMG	
	97-01		C55AMG,SLK55AMG	
	97-02		CLK430,ML320	
	97-03		CLK55AMG	
	98-02		ML430	
	98-05		ML55AMG	
	99-03		CL500,S55AMG	
	99-06		SLK320	
				
	GWBE-06A 1022000520 1022000620 1022000920 1022003901 1022004901 1022005001 1022006201		2300	190 COUPE 230 CE,230 CE KAT 200 T/TE,230 E/TE,200 /E
			(82-93) (87-92) (84-93)	
				

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PART NO.	APPLICATION GUIDE			
GWM-01A 25100-11010 K485050-0 MD001300	4G36	1200	ETERNAΣΛ	A51/A52 (69.01-71.12)
	4G30	1300	FOT	A53/63 (70.01-75.10)
	4G33	1400	GALANT	A54/62 (71.01-73.12)
	3G31	1500	GALANTΣΛ	A55C (72.01-76.04)
	4G32	1600	GTO	A73 (73.01-75.11)
	G32A	1700	LANCER CELESTE	A72A/V (73.01-77.05)
	4G35			A112/117 (73.05-76.04)
			(HYUNDAI)	A77 (75.01-80.12)
			PONY	A75A (75.10-77.05)
			STELLA	A121 (76.05-76.12)
				GWM-01A=(GWCR-08A)
GWM-02A K435080 MD011300	4G42	1200	DELICA	T120/121 (71.01-79.06)
	4G41	1400	LANCER CELESTE	A71 (73.08-76.10)
GWM-12A MD009000 MD009019 MD041050 MD997077 MD997610	4G36	1200	DELICA	A121/131/161 (77.01-84.03)
	G33B	1400	COLT	A143A (77.06-78.03)
	4G33	1600	ETERNAΣΛ	A144,A72V (77.06-79.03)
	G32B	1800	FORTE	L13P,L31PV,L32P/34P/32PV (79.06-82.09)
	4G32		GALANTΣΛ	L33P/33PV/33PW (79.06-89.12)
	G62B		LANCER CELESTE	L63P/63PV/63PW,P2,P12 (79.06-89.12)
			SAPORO	L35GV/35PW/35GW (80.10-81.08)
				L36P/36PV,R01 (82.10-89.08)
				L036P,P01V,L063P,P02V (86.04-94.05)
				P12V (86.08-93.06)
				US APPLICATION DODGE COLT,CHALLENGER,PLYMOUTH ARROW 1600 K&Z eng 78-90
				GWM-12A=(GWCR-09A)
GWM-13A MD021490 MD093608 MD975292 MD997082 MD997157 MD997158 MD997178 MD997616	4G51	1800	DEBONAIR	A114 (75.10-76.04)
	4G52	2000	ETERNAΣΛ	A32 (76.04-78.04)
	G51B	2600	FORTE	A122,A123 (76.05-77.08)
	G52B		FOT	A132 (77.08-79.12)
	4G05		GALANT	A133 (77.08-80.10)
	4G54		GALANTΣΛ	A33 (78.04-86.07)
	G54B		GTO	A135/166 (79.01-)
			LANCER CELESTE	A146A (79.06-80.12)
			PAJERO	L22G (80.09-82.08)
				US APPLICATION TRUCK D50, RAN50 PLYMOUTH SAPORO,ARROW 2000 U eng, 2660 F&W eng 76-82
				GWM-13A=(GWCR-10A)
GWM-13F MD021502 MD034204	4G51	1800	DEBONAIR	A114 (75.10-76.04)
	4G52	2000	DELICA	A122/123 (76.05-77.08)
	G51B	2600	ETERNA	A132/133 (77.08-80.10)
	G52B		GALANT	A135/166 (79.01-)
	4G54		LANCER	A146A (79.06-80.12)
	G54B			A32 (76.04-78.04)
				A33 (78.04-86.07)








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PART NO.		APPLICATION GUIDE		
GWM-14A MD030751 MD997464	G11B 1200 G12B 1400	MIRAGE	A151/152/155/156	(78.02-80.08)
		<div>US APPLICATION DODGE COLT PLYMOUTH CHAMP 1400 J eng 78-80</div> GWM-14A=(GWCR-11A)		
GWM-15A MD008431	G32B 1600	MIRAGE	A153/157	(79.03-80.08)
		<div>US APPLICATION PLYMOUTH CHAMP 1600 K eng 80</div> GWM-15A=(GWCR-12A)		
GWM-16A MD030750 MD997075	G11B 1200 4G11 1400 G12B 4G12	COLT	A141A	(77.05-85.02)
		LANCER CELESTE	A171A/148V	(77.06-85.02)
		TREDIA	A142A	(78.03-79.03)
			A141V/142V	(79.03-81.10)
			A172A	(79.04-81.10)
			A149V	(81.10-87.12)
GWM-17A 25100-21000 25100-21010 25100-21020 25100-21030 25100-22010 25100-22012 25100-24030 25100-24040 25100-24060 25100-25010 MD030863 MD974649 MD997076 MD997609	G11B 1200 4G13 1300 G13B 1400 G12B 1500 4G15 G15B B15B G15	COLT	A151/155/152/156	(80.09-83.10)
		CORDIA	A115A	(82.02-83.10)
		LANCER	A211	(82.02-84.07)
		LANCER FIORE	C12A/V/W,C32V	(83.10-90.10)
		LIBERO	C11A/V	(83.10-94.12)
		MIRAGE	C12V,C12W	(85.01-94.12)
		MIRAGE ASTI	C32V	(86.08-94.12)
		TREDIA	C51A/52A/62A/72A/82A4	(87.09-94.12)
			C61A	(87.12-94.12)
			C82A	(89.09-91.10)
		(HYUNDAI)	CB2A	(91.07-02.08)
		ACCENT	CA2A,CB2A,CB1A	(91.07-95.10)
		LANTRA	CA1A	(91.07-96.01)
		PONY	CB1V,CD2V	(92.04-02.08)
		S	CB2W	(93.12-02.08)
		TB	<div>US APPLICATION DODGE COLT,CHALLENGER PLYMOUTH CHAMP,SAPPORO 80-82 1400 J eng</div> GWM-17A=(GWCR-13A)	
GWM-19A MD034152 MD974719 MD997078 MD997421 MD997485 MD997611 MD997619 MD997699	G32B 1600 4G32 1800 G37B 4G37	CHARIOT	D02W	(83.01-86.07)
		COLT	E12A	(83.08-96.01)
		CORDIA	E11A	(84.02-87.09)
		ETERNA	E12AR	(84.03-88.09)
		ETERNA SIGMA	D05W	(84.06-94.12)
		GALANT	C37W	(86.08-92.09)
		GALANT Σ	E31A,E32A	(87.08-92.05)
		LANCER FIORE	E32AR	(88.02-92.05)
		MIRAGE	E37A	(89.08-92.05)
		SPACE WAGON	<div>US APPLICATION DODGE COLT, CHALLNGER, CONQUEST PLYMOUTH CHAMP, SAPPORO 81-82(1600 K eng) , 86-89(1800)</div> GWM-19A=(GWCR-14A)	
		TREDIA		







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PART NO.	APPLICATION GUIDE				
GWM-20A MD015020 ME015005 ME015010 ME015020 ME015030	4D30 4D30A 4D31A 4D31T DIESEL	3300	CANTER FE101/111/121/131 FUSO 3.5TON FE211/214/221/231 ROSA BE211	(78.11-82.08) (78.11-82.08) (79.01-94.12)	
GWM-21A ME025100	6DS7 DIESEL	5400	FUSO 4.5TON FK102 (FOR TAIWAN USE GWM-29A)	(76.01-)	
GWM-22A MD025190		2600	EXPORT MODEL <div> US APPLICATION DODGE ARIES, COLT etc PLYMOUTH RELIANT, HORIZON CHRYSLER NEW YARKER, LE BARON etc 2600 81-87 </div> GWM-22A=(GWCR-15A)		
GWM-23A MD041041 MD971582 MD972051 MD997079 MD997080 MD997612 MD997613 MD997615 MD998079 (LONG RIB) 25100-32020	G62B G63B G63BT 4G64	1800 2000 2400	DELICA A162/163/164 ETERNAΣΛ A175 FORTE A168V GALANTΣΛ L041G,L041GV LANCER CELESTE L41G/41GV/41GW/46GW PAJERO A182A/183A SAPPORO L041GW STARION L046GW L37G/37GV/37GW (HYUNDAI) P23W H-1 P23V H100 P03W STAREX P3,P23 P04W P24W	(81.07-83.07) (81.08-87.12) (81.09-86.09) (82.04-88.08) (82.04-88.08) (82.04-90.10) (83.02-88.08) (83.09-88.08) (83.11-86.06) (86.04-90.08) (86.04-94.05) (86.04-99.08) (86.06-94.12) (89.08-93.06) (89.08-94.05)	
GWM-24A MD041050 MD997465 (SHORT RIB)	G62B G63B	1800 2000	DELICA A162/163/164 ETERNAΣΛ A175 GALANTΣΛ L35G/35GV/35PW/35GW GRANDIS LANCER CELESTE SAPPORO	(80.01-81.07) (80.02-81.07) (81.06-86.06)	
GWM-26A MD025474 MD025475 MD997033 MD997083	4G52 4G53	2000 2400	JEEP J26/38/46/56 J58/59	(75.11-94.12) (78.11-87.12)	
GWM-27A 25100-32500 25100-32510 MD011757 MD997081 MD997614	G62B G63B	1800 2000	CHARIOT D03W CORDIA E13A,E15A ETERNA SIGMA D08W GALANT E15AK SANTAMO SPACE WAGON TREDIA	(83.01-94.12) (83.08-90.11) (84.06-94.12) (86.10-90.07)	<div> US APPLICATION DODGE COLT VISTA etc 2000cc A eng </div> SONATA 

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PART NO.	APPLICATION GUIDE			
GWM-29A ME025100 <u>TAIWAN TYPE</u>	6DS7	5400	FUSO 4.5TON FK102	
	DIESEL		<u>(SEE GWM-21A FOR OTHER APPLICATIONS)</u>	
GWM-30A MD019461 MD997074	2G23 G23B	550 550	MINICAB L13PC/PV (81.06-82.08) L15P/PV,LO15G/GV (82.08-84.06)	
GWM-32A MD050450 MD972001 MD974748 MD997084 MD997618	4D55	2300	DELICA A167 (80.04-83.09) ETERNAΣΛ GALANTΣΛ PAJERO <u>GWM-32A=(GWM-39A)</u>	
GWM-33A 25100-41000 ME013406 ME013408 ME013864 ME013866 ME015030 ME015040 ME015045 ME015050 ME993513 ME996861 ME996863 ME997152	4D30A 3300 4D31A 3600 4D31T 4D30 4D30T 4D32 4D33		CANTER FE114/124/134/214/224/234 (82.09-85.10) ROSA FE434ED/445EV/465E (85.09-87.11) FE425EV/435ED/431E (85.09-89.10) FE434C/434E/434EV/434F (85.09-89.10) FE444C/444E/444EV/444F (85.09-89.10) FE425E/435C/435E/435EV/435F (85.09-93.10) FE325EV/335BV (85.10-89.10) FE334B/334E/334EV (85.10-89.10) FG335B/435E/435ED (85.10-89.10) FE301B/BD (85.10-93.10) FE305B/305BD/315B/315BD (85.10-93.10) FE311B/BD/BN,FE331E,FE315BN (85.10-93.10) FE325BV/325E/335B/335E/335EV (85.10-93.10) FE301/311/332/334/431/424/444 (85.10-94.12) FE305/315/325/335/355 (85.10-94.12) FE425/435/445/465 (85.10-94.12) FG335C/335E (85.12-89.10) BE435E/F (86.01-93.10) FG335BD (86.07-97.04) FE437E/EV/F (87.08-93.10) FE447E/467E (87.09-93.10) FE337/437/447/467 (87.09-94.12) FE447C/EV/F (87.10-93.10) FE317BD/337B/321E (87.11-93.10) FG327/337 (87.11-94.12) BE437F (89.08-95.05) FE337BH/337E/337EV/437C (89.10-93.10) FE307BD,FE317B/BN,FG327B (89.11-93.10) FG337B/BD/C/E,FG437E (89.11-93.10)	
GWM-34A AD077219		2600	MAGNA <u>EXPORT MODEL (AUSTRALIA)</u>	

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PART NO.	APPLICATION GUIDE				
GWM-35A MD997124 MD079714	3G81 G23B	550	MINICAB	U11T/TP/V,U12TV	(84.04-87.05)
					
GWM-36A MD076245			EXPORT MODEL		
					
GWM-37A MD997082 MD997157 MD997158 MD997178 MD997616	4G52 G54B	2000 2600	ETERNAΣΛ A135A/166A FORTE L22 GALANT A187A LANCER CELESTE PAJERO SAPPORO STARION GWM-37A=(GWCR-24A)		(79.05-80.11) (80.10-82.09) (85.02-86.11)
					
GWM-38A MD997119	G23B	550	MINICA ECONO	H11A/V,H12V	(84.01-87.12)
					
GWM-39A 25100-42000 MD050450 MD060460 MD166048 MD168048 MD168050 MD301847 MD664616 MD972001 MD974748 MD997084 MD997150 MD997151 MD997160 MD997170 MD997618	4D56 4D55	2500 2300	DELICA L043G/GV DELICA CARGO L68P/68PV/68PW GALANT L043GW PAJERO L048GV SPACE GEAR L048GW TRITON L044GW,L049GW L044GV,L049GV L039P,L069P,P05V P05W,P25W (HYUNDAI) P15W GALLOPER L039G H100 L044G,L144GW,L149GW STAREX L044GVG,L144G/GWG,L149GWG P35W V14V,V34V P25W PA5V,PB5V,PD5V P05T,P15T,P25T P05V,P15V,P25V,P45V <div>US APPLICATION DODGE D50 2300 D eng</div>		(82.04-86.03) (82.10-86.08) (83.02-86.03) (83.05-86.03) (83.05-86.04) (86.04-88.08) (86.04-91.04) (86.04-94.05) (86.04-99.08) (86.08-96.01) (88.08-94.05) (88.09-91.04) (89.06-91.04) (89.08-99.08) (91.01-93.07) (91.08-93.05) (94.03-99.04) (94.03-99.06) (94.05-99.08)
		DIESEL			
GWM-40A* 25100-36000/10 25237-36000/10	6G71 6G72	2000 3000	DEBONAIR S11A DIAMANTE S12A/12AG ETERNAΣΛ E17A GALANTΣΛ E18A GALLOPER F11A PAJERO SIGMA		(86.07-88.04) (86.07-89.08) (86.10-90.10) (89.05-90.11) (90.02-94.12)
					

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PART NO.	APPLICATION GUIDE				
GWM-40A* 25100-36000/10 25237-36000/10 25100-35010 25100-35050/20/10 MD972003 MD972004 MD977244 MD980000 MD997244 MD997634 W/HOUSING NO.			(HYUNDAI) MONTERO SONATA	<div> US APPLICATION CHRYSLER FIFTH AVENUE, LE CARON NEW PORT NEW YORK IMPERIAL TC BY MASERATTI TOWN & COUNTRY VAN. DODGE DAYTONA, DYNASTY SPIRIT, CARAVAN, RAIDAR 3000cc 90- </div>	
GWM-41A MD117633	80-81		EXPORT MODEL (TAIWAN)		
GWM-42A MD129490	1100		EXPORT MODEL(TAIWAN)		
GWM-43A MD117633 MD997402 MD997409	3G81 550 3G83 660		MINICAB	U14T/TP/V, U15T/V (87.06-90.02) U14TG/VG, U15TG/VG (90.01-91.02) U18T/TP/V, U19T/V (90.01-91.02)	
GWM-44A MD972052 MD997417 MD997621 25100-32120 25100-33120 25100-33101/11/12/32	4G63 1800 4G67 2000		COLT E33A/38A/39A (87.10-94.12) ECLIPSE E35A (89.04-94.12) ETERNA D22A/27A (89.09-94.12) GALANT N13W/23W (91.01-96.05) LANCER (HYUNDAI) RVR LANTRA SONATA		
GWM-45A 25100-33020 MD121243 MD972053 MD997430 MD997622	4G63 2000		CHARIOT E39A (90.01-94.12) GALANT N33W, N43W (91.03-97.10)		
GWM-46A MD034152 MD997078 MD997421 MD997611 MD997619 MD997699	B31B 1500 G31B 1600 G32B 1800 4G32 G37B 4G37 4D65		CHARIOT A153/157 (80.09-83.10) COLT A212 (82.02-88.12) CORDIA E12A/12AR (83.08-94.12) GALANT A215 (84.08-87.12) LANCER FIORE C18A (86.02-88.12) MIRAGE E31A/32A/97A (87.10-94.12) TREDIA C14W/34W (89.02-94.12)		

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PART NO.	APPLICATION GUIDE			
GWM-47A MD179030 MD300799 MD306414 MD972456	4G91 1500 4G92 1600 4G93 1800 G63B 2000	CHARIOT A183A,MNWSI/C COLT N11W/21W DELICA CB3A,CC3A,CD3A,CD5A EMEROUDE CC4A ETERNA CA3A,CA4A GALANT E52A/72A LANCER CB5W,CD5W LIBERO CB4A MIRAGE CB5AR MIRAGE ASTI P02T RVR P06V STARION E19A N21WG PROTON WIRA CB4W	(82.04-94.12) (91.05-97.11) (91.07-95.10) (91.07-95.12) (91.07-96.01) (92.02-96.08) (92.04-00.05) (92.10-95.10) (92.10-96.10) (94.03-99.06) (94.05-99.08) (96.01-99.08) (96.05-97.11) (96.09-00.05)	
GWM-48A MD300802 MD971538 MD972050	4G63 2000 4G64 2400	CHARIOT N13W/23W ECLIPSE N33W,N43W GALANT CD9A LANCER N34W,N44W RVR CE9A N23WG	(91.01-97.11) (91.03-97.10) (92.10-94.01) (93.03-97.10) (94.01-96.10) (94.09-97.11)	
GWM-49A MD997685	4G17 1400	DELICA T120SS	(91.01-)	
GWM-50A MD188340 MD971983 MD972005 MD997643	6G73 2500 6G72 3000 6G74 3500	DEBONAIR L141/146 DIAMANTE S12A GALANT F15A GTO F27A PAJERO F13A,F25A,F17A SIGMA Z16A F13AK S27A Z15A S26A	(88.09-94.12) (89.09-94.12) (90.02-94.12) (90.02-95.01) (90.02-95.08) (90.09-00.07) (91.08-95.08) (92.08-99.12) (94.08-00.07) (95.09-99.12)	
GWM-51A MD973025 MD978743 MD978764	6G73 2500 6G72 3000 6G74 3500	CHARIOT GRANDIS S32A DIAMANTE F36A,F46A GALANT F31A,F41A,F47A PAJERO F31AK PROUDIA F36W SIGMA N86W,N96W	(00.02-01.05) (94.11-02.09) (94.11-97.06) (94.11-99.09) (97.07-01.10) (99.08-02.04)	
GWM-52A 25100-42540 MD972002 MD974999 MD997686	4D56 2500 DIESEL	CHALLENGER V44W/WG DELICA SPACE GEAR V24WG PAJERO V24C/W (HYUNDAI) V24V GALLOPER PA5W,PB5W,PC5W H-1/H100 V47WG TERRACAN K94W.WG	(90.10-93.07) (90.10-95.08) (90.10-97.05) (91.01-93.07) (94.03-99.04) (95.07-96.05) (96.05-97.07)	

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PART NO.	APPLICATION GUIDE			
GWM-53A 25100-33001 25100-33011 25100-33012 MD997418 MD997620	4G61	1600	COLT C53A/63A/73A/83A (87.01-91.12) LANCER MIRAGE <u>GWM-53A=(GWHY-08A)</u>	
GWM-54A MD323372 MD365087 MD370803	4G13 4G15	1300 1500	COLT CQ1A (00.01-02.08) LANCER CS2A (00.03-12.01) LANCER CEDIA CS2V (02.11-12.01) LANCER FIORE CS2W (04.12-08.06) MIRAGE CJ1A,CK1A,CJ2A,CK2A,CL2A,CM2A (95.08-00.08) MIRAGE ASTI CQ2A (98.11-02.08) MIRAGE DINGO	
GWM-55A MD302010	6A10 6A11 6A12 6A13	1600 1800 2000 2500	DIAMANTE F34A (02.09-05.12) EMEROUDE CB6A (91.10-95.10) ETERNA E53A,E54A,E64A,E84A (92.02-96.08) FTO F12A (92.09-95.08) GALANT E74A (93.02-96.08) LANCER DE3A (94.09-00.07) LEGNUM CK6A (95.08-99.06) MIRAGE EC5W (96.06-02.08) SIGMA EC4W (96.06-97.08) EA4W,EA5W (96.06-98.08) EC5A (96.07-02.09) PERDANA/MALAYSIA	
GWM-56A MD971539 MD972006 MD972054	4D68	2000	CHARIOT E57A/77A (92.02-96.08) ETERNA CB8V,CB8W (92.04-02.08) GALANT CD8W (92.04-99.06) LANCER CD8V (92.06-02.08) LIBERO N38W,N48W (92.06-97.10) MIRAGE N28W/28WG (92.09-97.11) RVR CB8A,CD8A (92.10-95.10) CB8AR (92.10-96.10)	
GWM-57A ME200411 ME993473 ME996789	4M40 4M41	2800 3200	CHALLENGER V26W (93.07-95.08) DELICA SPACE GEAR V46W (93.07-97.11) PAJERO V26WG,V46V/WG (93.07-99.09) PD8W,PE8W,PF8W (94.03-04.10) K97WG (96.05-99.05) V26C (97.05-99.09) V68W,V78W (99.06-04.11)	
GWM-58A MD313301	4G93	1800	CARISMA DA2A (96.01-) COLT	

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PART NO.	APPLICATION GUIDE				
GWM-59A MD309756 MD346790	4G93	1600	ASPIRE	CQ5A	(00.02-02.08)
	4G94	1800	CARISMA	CS5A	(00.03-08.06)
	4G92	2000	COLT	EA7W,EC7W	(00.05-02.08)
			DION	H62W,H67W,H72W	(00.05-02.09)
			FTO	EA7A,EC7A	(00.05-05.11)
			GALANT	H76W,H77W	(00.05-07.05)
			LANCER	CR6W	(00.06-05.12)
			LANCER CEDIA	CS5W	(00.10-08.06)
			LEGNUM	CS5AR	(01.09-05.12)
			MIRAGE	CR5W	(02.04-05.12)
			MIRAGE ASTI	CS6A	(04.12-08.06)
			MIRAGE DINGO	CS5AZ	(05.12-12.01)
			PAJERO io	DE2A	(94.09-99.08)
			RVR	CJ4A,CK4A,CM5A	(95.08-00.08)
			SPACR STAR	EA1W	(96.06-00.05)
				CK5AR,EA1A	(96.07-00.05)
				EC1A	(96.10-00.05)
				EC1W	(96.11-00.05)
				N61W/71W	(97.09-02.08)
				H66W	(98.03-00.06)
				H61W,H71W	(99.08-00.06)
GWM-60A MD972440	6G74	3500	PAJERO	V25W,V45W	(93.07-97.05)
				V25C	(94.07-97.05)
GWM-61A MD972934 MD300389	4G63	2000	CANTER	FB700A/B	(03.07-12.01)
	4G64	2400	DELICA	PA4W	(94.03-02.07)
	4M40	2800	DELICA CARGO	PD4W	(94.03-97.05)
	4D33	4200	DELICA SPACE GEAR	PA3V	(94.03-99.04)
			PAJERO	P13T	(94.03-99.06)
				P07V,P17V,P27V	(94.05-99.08)
				FB501B	(96.02-97.07)
				V21W	(96.04-99.09)
				FE537B	(96.05-97.07)
				FA523B,FC563B	(96.11-99.04)
				FA500A/B,FA510A/B,FA580B,FA590B	(97.06-99.04)
				PB4W,PC4W	(99.05-02.07)
				FB500A/B/BX,FB510A/B	(99.05-12.01)
				FB523BA,FE533BA	(99.05-12.01)
GWM-63A MD997401 MD997536	3G81	550	MINICA	H14A/V,H15A/V	(87.01-89.12)
	3G83	660	MINICA ECONO	H21V,H26V	(88.11-90.03)
			MINICA TOPPO	H26A	(88.11-90.10)
				H21VW	(89.08-90.02)
				H22A/V,H27A/V	(90.01-94.12)
				H22VW	(90.01-95.10)
				H27VW	(90.03-95.10)
				H32A,H37V	(93.09-98.11)
				H37A	(95.09-98.10)



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PART NO.		APPLICATION GUIDE						
GWM-64A 1300A040 21010-6A0A0 MD977210 MD997688 MD997689	3G83	660	BRAVO MINICAB TOWNBOX	U41T U41V,U42T/V U41TP U42TP U62V U61T/TP/V/W,U62T/TP/W	(90.12-99.08) (90.12-99.08) (91.01-99.08) (93.12-99.08) (98.11-02.08) (98.11-12.01)			
GWM-65A ME015217 ME995424 ME995426 ME996868	4D36	3600	CANTER	FE70CB,FE71CBD,FE72CB/CE	(02.05-04.08)			
	4D34	3900	ROSA	FE73CB/CEV,FE82CEV,FE83CEV	(02.05-04.08)			
	4D34T	4200		FE537ET/637F,FG537BD/BT	(93.10-95.03)			
	4D33	4600		FE516BN,FE518B/BN	(93.10-96.11)			
	4D35			FE517BN/537E/637EV	(93.10-96.11)			
				FE538EV/638EV/638F/648F	(93.10-96.11)			
				FE639EV/639F,FE649C/F	(93.10-96.11)			
				FE507B/BT,FE517B/BC/BD	(93.10-99.04)			
				FE508B,FE518BD	(93.10-99.04)			
				FE516B/BC/BD/BT,FE536E/636E	(93.10-99.04)			
				FE537B/EV,FE637C/E/ET	(93.10-99.04)			
				FE538B/E,FE638C/E,FE648C/E	(93.10-99.04)			
				FE639E/649E	(93.10-99.04)			
				FG538B/BD/BT,FG538E,FG638E	(93.10-99.05)			
				FE538C/658F	(95.03-96.11)			
				FE527E/ET,FE537BD	(95.03-99.04)			
				FE528E,FE538BD,FE548B/C/E	(95.03-99.04)			
				FE638EN/638G,FE658C/E	(95.03-99.04)			
				BE438F,BE459F	(95.05-97.09)			
				BE436E/439F/449F	(95.05-97.11)			
				FE566B,FE567B/EV,FE667EV	(96.10-99.04)			
				FE568B/C/EV,FE648G/658G/668EV	(96.10-99.04)			
				FE639G/649G,FE659C/G	(96.10-99.04)			
				FE669EV	(96.10-99.04)			
				FF658F,FG508B/BD	(96.11-99.05)			
				FF659F,FG507B/BD	(96.11-99.05)			
				FE567EV/667EV	(98.10-99.04)			
				FE51CB/CBD/CBT/CBTD	(99.03-02.05)			
				FE52CB/CE/CET,FE63CET	(99.03-02.05)			
				FE50CB/53CB/53CE/63CE	(99.05-02.05)			
		DIESEL						
	GWM-66A MD317677	4A30	660	PAJERO Jr	H56A		(94.10-98.10)	
		4A31	1100	PAJERO MINI	H57A		(95.10-98.06)	
				H51A	(95.11-98.10)			
GWM-67A MD997147 ME993475 ME993476 ME995286 ME996792	4D65	1800	CANTER	FB70AA/AB/ABX,FD70AB	(02.05-04.08)			
	4M40	2800	GALANT	FE70BB,FE71BBD	(04.04-12.01)			
	4M42	3000	MIRAGE	FE72BB/BE/BEV,FE73BB/BEV	(04.04-12.01)			
				FB70BB	(04.07-12.01)			
				FD70BB	(04.12-12.01)			
				FE74BE	(06.05-12.01)			
				FE72BC,FE74BBV/BEV	(06.06-12.01)			
				FE73BEN,FE82BC/BE/BG	(06.08-12.01)			
				FE84BE	(07.02-12.01)			
				C14A/34V/34W	(89.02-94.12)			
				C64A	(89.09-94.12)			
				FB501A/B,FB511A/B,FD501B	(93.10-99.05)			
				FB50AA/AB,FB51AA/AB,FD50AB	(99.03-02.06)			
		DIESEL						

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PART NO.	APPLICATION GUIDE				
GWM-68A ME013169 ME013410 ME993515 ME996865	4D34T 3900 4D34 4200 4D33 DIESEL	CANTER ROSA	FE337B/BH/E/EV FE437C/E/EV/F,FE447C/E/F FE439E/439EV/439F,FE449E/F FE307BD,FE317B/BD/BN,FE467E FE449C BE459F	(89.10-93.10) (89.10-93.10) (89.10-93.10) (89.11-93.10) (89.11-93.10) (91.08-95.05)	
GWM-69A MD997177 MD997692	4D65 1800 DIESEL	CHARIOT COLT ETERNA GALANT LANCER LANCER FIORE MIRAGE	C14V,C14W C34V C64A E34A/34AR C74A C34W CB7A,CD7A	(85.01-92.09) (86.08-92.09) (87.12-91.10) (88.02-92.05) (88.05-91.10) (88.06-92.09) (91.07-92.10)	
GWM-70A MD974899	4G63 2000	GALANT	EA2A	(96.10-)	
GWM-71A MD199527	4A30 660	MINICA MINICA TOPPO	H31A,H36A	(93.08-98.11)	
GWM-72A MD195193	4A30 660	BRAVO	U43V,U44V	(93.12-99.08)	
GWM-73A MD977025	3G83 660	eK ACTIVE eK CLASSY eK SPORT eK WAGON MINICA TOPPO TOPPO BJ	H81W H82W H82A H47A H42V H42A H47V	(01.09-06.08) (06.08-12.01) (08.09-12.01) (98.08-07.07) (98.08-12.01) (98.10-07.07) (98.10-12.01)	
GWM-74A* MD972003 MD972004 W/HOUSING NO.	6G71 2000 6G72 3000	DEBONAIR DIAMANTE ETERNA SIGMA GALANT Σ PAJERO SIGMA	S11A,S12A S12AG E17A L141GW,L146GW E18A L141G F11A V23C V43W V23W S22A	(86.07-92.07) (86.10-89.08) (86.10-90.12) (88.09-91.04) (89.05-90.12) (89.06-91.04) (90.02-92.10) (90.10-94.06) (90.10-97.03) (90.10-97.05) (92.08-99.12)	
(GWM-40A + SIDE PACKING + O-RING SET)					



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PART NO.	APPLICATION GUIDE				
GWM-75A MD350772	4A30 660 4A31 1100	PAJERO MINI H58A (98.08-12.01) TOPPO BJ H41A (98.10-02.07) TOPPO BJ WIDE H46A (98.10-02.08) H53A (98.10-12.01) H43A,H48A (98.11-01.05)			
GWM-76A MD352389	4A30 660 4A31 1100	TOWNBOX U63W,U64W (98.11-02.08) TOWNBOX WIDE U65W,U66W (99.04-01.05)			
GWM-77A MD974649 MD030863 MD997076 MD997609	G13B 1300 4G13 1500 G15B 1500 4G15 1500	COLT C11A/12A (83.10-88.01) LANCER C11V/12V/12W/32V (85.01-92.09) LIBERO C51/52A/61A/62A/72A/82A (87.09-91.10) MIRAGE CA1A/A2A/B1A/B2A (91.10-95.10) TREDIA CB1V/B2V/D2V (92.05-) CB2W (93.12)			
GWM-78A 1300A065 1300A066 MD979313 MD979395	4G63 2000 4G69 2400	AIRTREK CT9A (00.12-05.03) GRANDIS NA4W (03.03-09.03) LANCER CU5W (04.01-05.09) OUTLANDER			
GWM-79A* MD977503 MD979171 W/HOUSING NO.	6G72 3000 6G74 3500 6G75 3800	PAJERO V63W,V73W (00.06-06.08) TRITON V77W (05.10-06.08) V87W (06.08-11.10) KB9T,V83W,V93W,V97W (06.08-12.01) V65W,V75W (99.06-05.11)			
GWM-80A MD974899 MD976464 MD976943	4G64 2400	CHARIOT GRANDIS N84W,N94W (97.08-03.05) GALANT N74WG (97.09-02.08) LEGNUM EA3W,EC3W (98.08-02.08) NIMBUS EA3A,EC3A (98.08-02.09) RVR N64WG (99.09-02.08) SPACE GEAR SPACE RUNNER			
GWM-81A 1300A069 MD975644 MD975913 MD977311 MD978552	4G63 2000 4G64 2400	AIRTREK CT9A (00.12-03.01) DION CU4W (01.03-04.01) GALANT CU2W (01.03-05.09) LANCER CT9W (05.08-07.01) OUTLANDER CN9A (96.08-97.08) RVR N73WG (97.09-02.08) CR9W (99.12-02.03)			
GWM-82A MN155686	4G19 1300 4G15 1500	COLT Z25A (02.10-04.10) COLT PLUS Z27A (02.10-06.05) Z26A,Z28A (02.11-04.10) Z27W (04.08-06.05) Z27AG,Z27WG (06.05-12.01)			





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PART NO.	APPLICATION GUIDE				
GWM-83A ME996790 ME993474	4A40T	2800	MONTERO PAJERO	V26/46	(91-)
					
GWM-85A PW811592			PROTON GEN2		
					
GWM-86A MQ906188	F8E FE	1800 2000	DELICA	SKLM/TM SK82VM SKE6VM	(99.09-) (99.09-05.03)
					
GWM-90A 1300A036 1300A087	3B20	660	i	HA1W	(05.12-12.01)
					
GWM-91A MN143664	4A90 4A91	1300 1500	COLT COLT PLUS	Z23W,Z24W Z24A Z21A,Z22A,Z23A	(04.08-12.01) (04.09-08.10) (04.09-12.01)
					
GWM-92A CW767153					
					NEW 
GWM-93AM* MN187244 1300A082 1300A083 25100-25002 W/HOUSING & PULLEY NO.	4B10 4B11 4J10 4J11	1800 2000	RVR GALANT LANCER DELICA CHRYSLER SEBRING(JS)2.4VVT SEBRING(JS)CONVERTIBLE2.4VVT	GA3W GA4W CX4A CY4A CX3A CY3A CX6A,CY6A CZ4A CV2W	(10.02-12.10) (11.10-14.01) (08.11-09.12) (07.08-09.12) (09.12-14.01) (09.12-14.01) (11.10-14.01) (07.08-14.01) (12.01-14.01) (07.07-10.12) (07.07-10.12)
					NEW 

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PART NO.		APPLICATION GUIDE			
GWM-93AM* <div>MN187244 1300A082 1300A083 25100-25002 W/HOUSING & PULLEY NO.</div>			HYUNDAI		<div>(05.05-) (08.01-) (05.01-)</div> <div>NEW</div> 
			SINATA V (NF) 2.0VVTI GLS SINATA V (NF) 2.0VVTI GLS SINATA V (NF) 2.4		
*-available wp only					
GWM-93AMH* <div>MN187244 1300A082 1300A083 25100-25002 W/HOUSING & PULLEY NO.</div>	4B10 1800 4B11 2000 4J10 4J11	RVR		<div>(10.02-12.10) (11.10-14.01) (08.11-09.12) (07.08-09.12) (09.12-14.01) (09.12-14.01) (11.10-14.01) (07.08-14.01) (12.01-14.01)</div> <div>NEW</div> 	
		GALANT <			

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PART NO.	APPLICATION GUIDE				
GWM-93AMPH MN187244 1300A082 1300A083 25100-25002	4B10	1800	RVR	GA3W	(10.02-12.10)
	4B11	2000		GA4W	(11.10-14.01)
	4J10		GALANT	CX4A	(08.11-09.12)
	4J11			CY4A	(07.08-09.12)
				CX3A	(09.12-14.01)
				CY3A	(09.12-14.01)
				CX6A,CY6A	(11.10-14.01)
			LANCER	CZ4A	(07.08-14.01)
			DELICA	CV2W	(12.01-14.01)
			CHRYSLER		
			SEBRING(JS)2.4VVT		(07.07-10.12)
			SEBRING(JS)CONVERTIBLE2.4VVT		(07.07-10.12)
			HYUNDAI		
			SINATA V (NF) 2.0VVTI GLS		(05.05-)
			SINATA V (NF) 2.0VVTI GLS		(08.01-)
			SINATA V (NF) 2.4		(05.01-)
					<div>NEW</div> 
GWM-97A ME995072	4M51		CANTER	FE70E	<div>NEW</div> 
GWM-98AM 8-97627357	6D17			FK618	<div>NEW</div> 
GWM-99F MD317679	4G63	2000	L200		
	4G64	2400	DELICA		
			SPACE GEAR		
			PAJERO		
			CANTER		
					
DISCONTINUED			<u>GWM-28A(MD019465.MD997073)</u>		

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PART NO.	APPLICATION GUIDE			
GWN-01A 21010-13200/1/2 21010-13205/6 21010-13225/6 21010-18810/1/2/3 21010-18825	J	1300	ATLAS	F20 (86.01-79.08)
	J13	1500	CONDOR	321,F20 (70.01-79.08)
	J15	1600	CABSTER	T20,F21 (73.01-81.12)
	J16		HOMER	E20/21 (73.01-80.07)
			DATSUN TRUCK	521,620 (68.01-79.09)
				720 (79.09-81.12)
			FORKLIFT	
GWN-02A 21010-18000/1/2/3 21010-18026/25/27 21010-H0125 21010-H1025/26 21010-H5000/25/26/28 21010-H6010 21010-M0100/125 21010-M6601/86/89 21010-M6625/6 21010-M66Y6 BA010-M6626	A10	1000	AUSTER	C20 (69.01-78.10)
	A12	1200	CHERRY	E10 (73.03-78.04)
	A12S	1300	CHERRY CAB	E11,F10/11 (74.09-78.04)
	A13S	1400	DATSUN	C21 (75.10-78.10)
	A14	1500	LANGLEY	B120,GB120 (75.10-79.07)
	A15		LARGO	120,121,122 (75.10-94.12)
	A15S		LAUREL	B210 (75.12-80.10)
			LIBERTA VILLA	B310 (75.12-81.09)
			PULSAR	A10/11 (77.05-81.05)
			SPIRIT	N10/11 (78.05-81.02)
			STANZA	C120,VC120,PC120,PGC120 (78.10-79.06)
			SUNNY	KPC120 (78.10-80.05)
			SUNNY CAB	KPGC120 (79.07-80.05)
			SUNNY TRUCK	C121,VC121,PC121 (79.07-81.05)
			VANETTE	PGC121,VPC121,VPGC121 (79.07-81.05)
			VIOLET	B121,GB121 (79.08-81.09)
				KHC120,KHGC120 (80.06-81.05)
				VC122,VHGC122 (81.06-85.09)
				VHC122 (81.06-86.05)
				C122,HC122,HGC122 (81.06-88.10)
				B122,GB122 (81.10-94.03)
				VJC22 (85.09-94.03)
				JC22,PGJC22,PJC22 (88.11-94.03)
			GWN-02A=(GWN-04A)	
GWN-03A 21010-21000/1/2 21010-21025/6/7/8 21010-21083/88/89 21010-21085	L13	1300	180SX	510,610,611,810 (67.01-78.07)
	L14	1400	AUSTER	P710/711 (73.01-77.04)
	L16	1600	BLUEBIRD	130,131 (75.10-76.12)
	L16S	1800	DATSUN TRUCK	S10/11 (75.10-79.10)
	L18	2000	GAZELLE	110,111,210,211 (75.10-81.07)
	Z16S		LAUREL	B210 (75.12-77.10)
	Z18S		SILVIA	A10 (77.05-78.04)
	Z20E		SKYLINE	A11 (78.04-79.07)
	Z20S		SPIRIT	211 (78.08-79.07)
			STANZA	811 (78.08-79.09)
			SUNNY	S110 (79.03-80.04)
			VIOLET	720 (79.09-94.12)
				D21 (85.08-89.09)



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PART NO.	APPLICATION GUIDE			
GWN-05A 21010-17S25/26/27 21010-17SY7 21010-E3028/00/26/27 21010-P7526 21010-P7527/85/86/87 21010-P7528/03/25/29 21010-V0726/25 21010-W3626/28 21010-W3685/6/8 BA010-17S27	H20	1600	ATLAS	S30/31 (69.01-78.07)
	L20(P)	1800	BLUEBIRD	230,330,331 (69.01-78.09)
	L20E/ET	2000	CARAVAN	L20 (69.01-81.07)
	L26	2600	CEDRIC	230 (71.01-76.06)
	L28(E)	2800	CIMA	130,131,230 (72.01-78.09)
	LD28		CIVILIAN	330,331 (75.06-78.09)
	Z16		CONDOR	S130 (78.07-83.09)
	Z18(P)		FAIRLADY	231 (78.10-80.10)
	Z20		GLORIA	231,C31 (78.10-84.10)
	Z20D		HOMY	332,430 (78.10-87.06)
	Z20S		LARGO	E22 (79.01-80.07)
	Z22S		LAUREL	430 (79.10-83.06)
			LEOPARD JFERRIE	211 (80.05-81.07)
			PATROL	E23,KHE23,KHGE23 (80.08-86.09)
			SKYLINE	F30 (80.09-82.08)
			VANETTE	C31 (80.11-84.10)
				HR30,YHR30,R30,ER30,R30 (81.08-85.08)
				H40,PH40 (81.12-90.06)
				BF22,BGF22,PF22,PGF22 (82.02-90.07)
				F22 (82.02-90.07)
				DHGE23,FHGE23,VHGE23 (82.05-86.09)
				E23,VNE23,CHGE23 (82.05-86.09)
				UW40,W40 (82.08-88.05)
				PH40 (83.01-89.05)
				PJ910 (84.01-85.01)
				910 (84.01-94.12)
				Y30 (84.02-84.09)
				MY30 (84.02-87.05)
				VUSW40 (84.06-88.05)
				PC910 (85.02-93.06)
				CHGE24,DHGE24,FHGE24 (86.09-90.08)
				VHE24,VHGE24 (86.09-90.08)
				E24 (86.09-94.12)
				KHE24,KHGE24 (86.09-95.08)
				RJNC22,C22 (88.11-90.08)
				F30 (98.09-86.01)
			<u>GWN-05A=(GWN-16A)(GWN-34A)</u>	
				
GWN-06A 21010-66000/01/10/11 21010-66026/8 21010-78200/2/3 21010-78225/6	R	1600	BISON	230 (69.01-75.06)
	H20	2000	CABALL	140,141 (70.10-94.12)
			CEDRIC	330,331 (75.06-79.06)
			CIMA	340,341 (76.05-82.08)
			CLIPPER	
			GLORIA	
			JUNIOR	
			FORKLIFT(TCM & KOMATSU)	
				

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PART NO.		APPLICATION GUIDE			
GWN-10A 21010-37526/8 21010-37585 21010-37501/02 21010-37503/04/06 21010-37506/25/27/29	SD20	2000	ATLAS	230,430	(69.01-83.06)
	SD22	2200	CABSTER	F20	(76.01-79.08)
	SD23	2300	CARAVAN	330	(76.07-79.06)
			CEDRIC	E23	(78.04-86.09)
			CIMA	CRGE23,VRE23,VRGE23	(80.08-82.04)
			CONDOR	DRGE23,KRE23,KRGE23	(80.08-82.04)
			GLORIA	YF22,YGF22,F22	(82.02-86.11)
			HOMER	CYGE23,DYGE23,VYE23	(82.05-86.09)
			LAUREL	VYGE23	(82.05-86.09)
			FORKLIFT		
	DIESEL				
GWN-11A 21010-H7200/1/2/3 21010-H7225/6/7 21010-H7287/89 21010-H9100/9300 21010-H9300 BA010-H7227 BA010-H7287/89	A12(S)	1200	AUSTER	B120,GB120	(75.10-79.07)
	A13S	1300	LARGO	120,121,122	(75.10-94.12)
	A14	1400	LAUREL	B210	(75.12-80.10)
	A15(S/E)	1500	SPIRIT	B310	(75.12-81.09)
	LD20	2000	STANZA	A10/11	(77.05-81.05)
			SUNNY	C120,VC120,PC120,PGC120	(78.10-79.06)
			SUNNY TRUCK	KPC120	(78.10-80.05)
			VANETTE	KPGC120	(79.07-80.05)
			VIOLET	C121,VC121,VPC121,VPGC121	(79.07-81.05)
				PC121,PGC121,RPGC121	(79.07-81.05)
				B121,GB121	(79.08-81.09)
				KHGC120	(80.06-85.09)
				KHC120	(80.06-86.05)
				RHGC122,REGC120	(81.06-85.08)
				VC122,VHGC122	(81.06-85.09)
				VHC122	(81.06-86.05)
				C122,HC122,HGC122	(81.06-88.10)
				B122,GB122	(81.10-94.03)
				KPC22,KPJC22	(85.09-91.06)
				VJC22,VPJC22	(85.09-94.03)
				C22,GC22	(85.09-94.12)
				VPGJC22	(86.05-93.04)
				JC22,PGJC22,PJC22	(88.11-94.03)
GWN-12AF 21010-23002/3/6 21010-23025/6/8 21010-N8525/6/7/8 21010-U6725/6/7/8/9 BA010-23028 BA010-N8527	L13	1300	180SX	211	(79.08-80.06)
	L14	1400	AUSTER	230	(77.01-78.05)
	L16	1600	BLUEBIRD	430	(79.06-82.02)
	L16S	1800	CEDRIC	720	(79.09-81.12)
	L18	2000	CIMA	110,111,210,211	(75.10-81.07)
	Z16S		DATSUN TRUCK	130,131	(75.10-76.12)
	Z18(S)		GAZELLE	211	(78.08-79.07)
	Z20P		GLORIA	230,231,C31	(78.10-82.09)
			LAUREL	510,610,611,810	(67.01-78.07)
			SILVIA	811	(78.08-79.09)
			SKYLINE	A10	(77.05-78.04)
			SPIRIT	B210	(75.12-77.10)
			STANZA	P710/711	(73.01-77.04)
			SUNNY	S10/11	(75.10-79.10)
			VIOLET		



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PART NO.		APPLICATION GUIDE		
GWN-12AFAD <u>NONTHERMAL TYPE OF GWN-23AF</u>		GWN-12AF WITH ADAPTOR SAME APPLICATIONS AS FOR GWN-23AF		
				
GWN-13AF 21010-H5010/26/27 21010-H5000/25/28 21010-M6601/25/26/86/89 21010-18000/1/2/3 21010-18025/26/27 BA010-M6626		A12 1200	CHERRY B210 (77.01-) DATSUN MODELS W/AIRCON. BEFORE NAPS SUNNY	
GWN-16F 21082-C6000/500 21082-C7410 21080-N3600 21082-P0200 21082-R8100 21082-S8200/1 21082-T6400/60 21082-V0700 21082-Y4000/100/101 21082-Y7000/1 21082-01P04 21082-36W00		L20(E,ET) 1800 L28 2000 LD28 2200 SD23 2300 SD25 2500 Z18(P) 2800 Z20 Z22 DIESEL	BLUEBIRD PC910 (69.01-) CARAVAN VNE23 (69.01-) HOMY S30,S130,GC211,HR30 (69.01-) FAIRLADY Z HC231,C31,Y30 (69.01-) LEOPARD 332,430,30,F22,KPSE22 (69.01-) SKYLINE UW40 (69.01-) LAUREL 720 (69.01-) CEDRIC EH40 (69.01-) GLORIA S130,HF30 (69.01-) ATLAS NC231,P332,430 (69.01-) CONDOR CABALL DATSUN TRUCK	
GWN-18A 21010-R9025/6		H20 2000	CARAVAN CPGE23,DPGE23,FPGE23 (80.08-82.04) HOMY VPGE23,E21/23 (80.08-82.04)	
GWN-19A 21010-09W24 21010-09W25/26/94 21010-31W25/26/94		720 2200 SD22 2200 DIESEL	ATLAS F20 (79.08-81.12) CABSTER F21 (79.09-81.12) CONDOR SD22 (79.09-83.04) DATSUN TRUCK HOMER	
GWN-20A 21010-BA010 21010-D0104/194 21010-D0125 21010-D0126 21010-D01Y6 BA010-D0126/194		E15S 1500 A15 1600 CA16S 1800 CA18E 2000 CA18S CA18(I/T) CA18(S/DET) CA18(E/ET) CA20S	AUSTER 120,122 (80.06-85.08) BLUEBIRD PT11 (81.06-86.06) LARGO T11 (81.06-94.12) LIBERTY M10 (82.08-88.08) PRAIRIE PM10 (82.08-88.08) STANZA YU11 (83.10-85.08) VANETTE RU11 (83.10-87.09) VIOLET U11 (83.10-87.09) VRU11 (83.10-89.10) WU11 (83.10-90.05) PT12 (85.10-88.01) T12 (85.10-88.01) HNM10 (85.10-88.08)	

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PART NO.		APPLICATION GUIDE			
GWN-21A 21010-C6025/6 21010-C6500 21010-C6525/6 21010-C65Y6	PF40 <				

GWN-23AF=(GWN-17AF)

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PART NO.		APPLICATION GUIDE				
GWN-26A 21010-16A25/6/7 21010-16A85 21010-16AY5 21010-16S85	CD17	1700	AD VAN	B11	(82.10-88.05)	
			AVENIR	N12	(83.05-94.12)	
			CHERRY			
			EXA			
			LAUREL			
			LIBERTA			
			SPIRIT			
			SUNNY			
			SUNNY VAN			
			VILLA			
	DIESEL					
GWN-27A* 21010-V4900 21010-V4960/2 21010-85V00 21010-V4071 W/HOUSING NO.	CY	1600	SANTANA	EM30	(84.02-87.01)	
	J	1800	PASSAT	M30	(84.02-89.10)	
	JN	2000		GT	(90.05-91.11)	
	9A					
GWN-28A 21010-02P03 21010-02P25/26/27/28 21010-02P29/85 21010-V5003/4/5 21010-V5025/6/7/8	VG20ET	2000	CEDRIC	PY30,YPY30	(83.06-87.05)	
	VG20T	2800	CIMA	Y30	(83.06-94.12)	
	VG20E	3000	CREW	WY30	(83.06-99.08)	
	L20E/ET		FAIRLADY Z	GZ31,Z31	(83.09-86.10)	
	L20DET		FAIRLADY Z	HGZ31,HZ31	(83.09-89.07)	
	RD28		GLORIA	Z31	(83.09-94.12)	
	VG30ET		LAUREL	F30	(84.06-86.02)	
	VG30T		LEOPARD	C32	(84.10-88.12)	
	VG30E		LEOPARD JFERRIE	GC32	(84.10-88.12)	
			MAXIMA	GF31	(86.02-91.12)	
				F31	(86.02-94.12)	
				VY30	(87.12-99.08)	
				K30(LPG)	(93.07-94.12)	
GWN-29A 21010-01B25/26/27/29 21010-01B28 21010-01BY9	MA09RT	900	Be-1	K10	(82.10-89.01)	
	MA10T/S	1000	BLUEBIRD	YK10	(85.02-89.01)	
	MA12	1200	MARCH	BK10	(87.01-88.05)	
				EK10	(88.01-92.01)	
GWN-30A 21010-21100 21010-L1100/1 21010-L1125/6	H20	2000	NISSAN FORKLIFT FORKLIFT KOMATSU TCM			

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PART NO.	APPLICATION GUIDE			
GWN-31A 21010-50V25 21010-50VY5 21010-V5500/10 21010-V5525/26/27/28 21010-V5529 21010-V5585/86/87 21010-V5588/89 21010-V9400 21010-W4425/6 BA010-V5589/94	CA16DE	1600	180 SX	910 (82.10-83.10)
	CA16S/D	1800	AUSTER	WUJ910 (82.10-83.10)
	CA181	2000	BLUEBIRD	RJ910 (82.10-83.12)
	CA18DE/DT		CEDRIC	U910,UJ910 (82.10-83.12)
	CA18DET		CIMA	C31 (82.10-84.10)
	CA18ET		EXA	FJR30 (82.10-85.08)
	CA18I/P		GAZELLE	NY30 (83.06-87.05)
	CA18S/E		GLORIA	Y30 (83.06-94.12)
	CA18T		LANGLEY	VNY30 (83.06-95.11)
	R30		LARGO	JS12 (83.08-88.04)
	R31		LAUREL	S12 (83.08-94.12)
	R32		LAUREL SPIRIT	TFJC32 (84.10-88.12)
	CA20(P/S)		LIBERTA	FJC32 (84.10-93.08)
			PULSAR	C32 (84.10-94.12)
			SILVIA	U11 (85.08-87.09)
			SKYLINE	FJR31 (85.08-89.04)
			SPIRIT	CA18S (85.08-90.03)
			STANZA	KMC22,SC22 (85.09-91.06)
			SUNNY	T12 (85.10-86.10)
			VANETTE	PT12 (85.10-88.01)
			VILLA	WFJR31 (86.01-90.04)
			VIOLET	N13 (86.05-86.10)
				EN13 (86.05-88.04)
				KHGC22,KMGC22 (86.05-93.04)
				GC22 (86.05-94.12)
				B12 (86.08-86.10)
				EB12 (86.08-87.09)
				BEN13 (86.10-90.08)
				KMGNC22 (86.11-93.04)
				NJY31 (87.06-91.06)
				Y31 (87.06-94.12)
				TNJV31 (87.12-91.06)
				KS13,S13 (88.05-91.01)
				KMJNC22 (88.09-91.06)
				C33,FC33 (88.12-93.01)
				KRS13,RS13 (89.03-91.01)
				FR32 (89.05-93.08)
				CA181 (89.05-94.12)
				KHGNC22 (89.06-93.04)
GWN-31F 21082-17C00/1 21082-V4405 21082-V5501 21082-W4401/2/4/5	CA16D/S	1600	BLUEBIRD	910 (82.10-83.10)
	CA18D/DT	1800	EXA	C31 (82.10-84.10)
	CA18DET	2000	SUNNY	Y30 (83.06-94.12)
	CA18E/T		LAUREL	S12 (83.08-94.12)
	CA18P/S		VIOLET	C32 (84.10-94.12)
	CA20P/S		AUSTER	U11 (85.08-86.10)
			STANZA	SC22 (85.09-91.06)
			SILVIA	T12 (85.10-86.10)
			GAZELLE	N13 (86.05-86.10)
			SKYLINE	GC22 (86.05-94.12)
			CEDRIC	B12 (86.08-86.10)
			GLORIA	Y31 (87.06-94.12)
			ALTIMA	S13 (88.05-91.01)
			VANETTE	C33 (88.12-93.01)








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PART NO.		APPLICATION GUIDE				
GWN-32A 21010-24U10/25/27 21010-42L25/26 21010-58S00 21010-58S25 21010-72L00	RB20P/E/T	2000	CEDRIC	BNR34	(99.01-02.08)	
	RB20D/DT	2500	CEFIRO	BCNR33	(95.01-99.01)	
	RB20DE	2600	CIMA	R32	(89.08-94.12)	
	RB25D		FAIRLADY	BNR32	(89.08-94.11)	
	RB26D/DT		GLORIA	C33	(88.12-93.01)	
			LAUREL	A31	(88.09-93.06)	
			SKYLINE	Y31	(87.06-94.12)	
			SKYLINE GT-R	HC32	(86.10-91.10)	
				Z31	(85.10-94.12)	
				PGZ31,PZ31	(85.10-89.07)	
GWN-33F 21082-12G10 21082-20V00 21082-22P00 21082-42L04 21082-50L60 21082-86G00 21082-G5560 21082-R9210/9270 21082-V7500 21082-W3601/3661 21082-Y4101/4161 21082-Y7001/7061 21082-Y7071	L20E/ET	2000	NEW TYPE FOR 21082-Y4000/7000/7001(GWN-16F)			
	L20P/S	2800	FAIRLADY	C31	(87.01-)	
	Z20		LEOPARD	GC211,HR30	(87.01-)	
	L28/E		SKYLINE	HC31,JC31	(87.01-)	
			LAUREL	HF30	(87.01-)	
			CEDRIC	KPSE22	(87.01-)	
			GLORIA	P332,P430	(87.01-)	
			CARAVAN	PF30	(87.01-)	
			HOMY	S130	(87.01-)	
				Y30,332	(87.01-)	
GWN-35A 21010-06E25/26 BA010-06E26	CA16S/D	1600	AUSTER	PM10	(82.08-88.08)	
	CA16DE	1800	BLUEBIRD	RU11	(85.08-87.09)	
	CA18DT	2000	EXA	U11	(85.08-89.10)	
	CA18ET		LANGLEY	VRU11,WU11	(85.08-90.05)	
	CA18I		LAUREL	HN10	(85.10-88.08)	
	CA18DE		LAUREL SPIRIT	PT12,T12	(85.10-89.12)	
	CA18S/E/ET		LIBERTA	EN13	(86.05-90.08)	
	CA18DET		PRAIRIE	M10	(86.07-88.08)	
	CA18ET		PULSAR	EB12	(86.08-90.03)	
	CA18DT		SPIRIT	B12,BEN13	(86.10-90.08)	
	CA18I/D/T		STANZA	KEN13	(86.10-90.10)	
	CA20S		SUNNY	N13	(86.10-94.12)	
			VILLA	RNU12,RU12	(87.09-89.10)	
			VIOLET	RU12,U12	(87.09-91.08)	
				M11,NM11	(88.09-95.08)	
GWN-36A 21010-16E02/01/03 21010-16E25/6 21010-26E01/2/3 21010-26E25	VG20#	2000	BLUEBIRD	U11	(84.10-94.12)	
	VG30E	3000	MAXIMA	J30	(88.10-91.08)	
GWN-37A 21010-10G25/6 21010-10G94 21010-10GY6	D21	2300	DATSUN TRUCK SD23 (85.08-87.08)			
	DIESEL					

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PART NO.		APPLICATION GUIDE												
GWN-38A 21010-01T00 21010-01T25/26/27 21010-01T85/87/88 21010-50T25/26/27 21010-S9425 21010-T9026	ED33 FD33T FD35 FD35T ED35	3300 3500	ATLAS CONDOR CIVILIAN	H40,RMGH40 CMH40,DMH40,MGH40,MH40 MGH40,MH40,RMH40,TMH40 MGW40,MW40 W40 JMH40 FGW40,FW40 DMH40,MGH40 MH40,TMH40 CSH40,DSH40,SGH40,SH40 SGH40 H40 SQH40,VSH40 BGW40,BW40	(81.12-84.06) (81.12-86.11) (81.12-86.11) (82.08-90.06) (82.08-94.12) (83.01-84.06) (84.06-88.05) (86.11-89.05) (86.11-90.06) (86.11-91.10) (86.11-91.10) (86.11-94.12) (89.05-91.10) (90.06-99.02)									
	DIESEL													
	GWN-39A 21010-77A00 21010-77AY0	GA15E GA15S	1500	EXA LANGLEY LAUREL SPIRIT LIBERTA PULSAR SUNNY VILLA	FB12,FNB12 B12 WFB12,WFNB12 FN13,FNN13 N13 BFN13,BFNN13		(87.09-90.03) (87.09-90.08) (87.09-90.10) (88.04-90.08) (88.04-94.12) (88.09-90.08)							
		GWN-40A 21010-40F00/01 21010-40F25/26/27 21010-86G00 21010-VJ260 B1010-40F27 B1010-VJ226	KA24DE KA24E	2400	CARAVAN DATSUN TRUCK LARGO MAVERICK PICK UP TERRANO VANETTE		CW30,NCW30,NW30,W30 LFMD22 CQGE24 LFD22,LFMD22		(93.05-99.06) (97.01-99.06) (99.06-01.04) (99.06-02.08)					
			DIESEL											
			GWN-41A 21010-12G25/26 21010-12G27/28 BA010-12G26	VG30 VG30E	3000		TERRANO		D21 WHYD21		(87.10-94.12) (87.08-95.08)			
				GWN-42A 21010-03M00 21010-0M300/1/2 21010-53Y00/1 21010-71J00 21010-74Y00/01 21010-88R00/01 21010-F4300	GA13DS GA13DE GA15DS GA15DE GA16DS GA16DE		1300 1500 1600		AD AD MAX AD VAN ALMERA AVENIR BLUEBIRD EXA LARGO LAUREL SPIRIT LIBERTA LUCINO PRESEA PRIMERA PULSAR RASHEEN SERENA SUNNY SUNNY CALIFORNIA SUNNY NXC Coupe SUNNY VAN VANETTE VILLA WINGROAD		B13,EB13,FB13,FNB13 W10 VEW10 R10 EN14,FN14,FNN14,N14 Y10 WY10 VENW10,VY10 VFNY10,VFY10 WFNY10,WFY10 C23 KAJC23 U13 VFGY10,WFGY10 MVFY10 MVY10 B14,EB14,FNB14 FB14 VAJC23 RFNB14 EN15,FN15,FNN15,R11		(90.01-93.12) (90.05-94.12) (90.05-99.06) (90.06-95.01) (90.08-94.12) (90.10-94.12) (90.10-95.06) (90.10-99.06) (90.10-99.06) (90.10-99.06) (91.06-94.05) (91.06-97.01) (91.09-95.11) (92.04-99.06) (93.07-99.06) (93.07-99.06) (94.01-98.10) (94.01-99.04) (94.05-99.06) (94.12-00.08) (95.01-00.08)	

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PART NO.	APPLICATION GUIDE				
GWN-43A 21010-30R00/5/6 21010-30R95 21010-30RY6	KA24E 2400 KA20E	LIVERY PRAIRIE	HM11,HNM11 M11	(90.09-95.08) (90.09-94.12)	
GWN-44A 21010-41B00/1/2/3 21010-99B00	CG10DE 1000 CGA3DE 1300 CG13DE	CUBE MARCH	K11 HK11 FHK11 Z10 AK11,ANK11,WAK11,K11,WK11 ANZ10,AZ10	(92.01-94.12) (92.01-99.11) (97.05-99.11) (98.02-99.11) (99.11-02.02) (99.11-02.10)	
GWN-45A 21010-03J25/26	TB42E 4200 TB42S	SAFARI PATROL	WGY60 FGY60 Y60	(91.10-97.10) (87.10-97.10) (87.10-94.12)	
GWN-46AF 21010-2S525/6/7 21010-35V25/6/7/8 21010-43G02/03 21010-43G25/26/27/29 21010-43G28 21010-43G85/86/87/88 21010-43G89 B1010-2S50A BA010-43G25/26	TD23 2300 D21 2700 TD27 3200 TD27T QD32	DATSUN TRUCK TERRANO	D21 VBYD21 TD25 PMD21 WBYD21 PD21,PGD21 TD23 TD27 BMD21 BD21,BGD21 BD22 LRMD22 LBD22	(86.08-93.01) (86.08-93.01) (87.08-) (87.08-89.09) (87.08-89.10) (87.08-92.08) (87.08-92.08) (88.11-94.12) (88.11-97.01) (92.08-97.01) (97.01-02.08) (97.01-99.06) (99.06-02.08)	
GWN-47AF 21010-02N03 21010-02N25 21010-02N85/88 21010-02N90/93/94 B1010-02N1B B1010-6T30A B1010-VH00A	TD23 2300 TD25 2500 TD27 2700 TD27TI 2700 BD30 3000 QD32 3200 DIESEL	ATLAS CABSTER CARAVAN CONDOR HOMER	F22,H40 H41,S41 SP2F23,SP4F23 SP8F23 SM6F23 SN2F23,SN4F23,SN6F23 ARE24,CRGE24 DRGE24,VRE24,VRGE24 ARGE24,KRE24,KRGE24 CWGE24,DWGE24 VWE24,VWGE24 SR2F23,SR4F23,SR8F23 P6FF23,SP6F23 SP6F23	(86.11-94.12) (89.05-94.12) (92.01-04.08) (92.01-97.08) (92.10-95.06) (95.06-99.06) (95.08-97.05) (95.08-97.05) (95.08-99.06) (97.05-01.04) (97.05-01.04) (97.08-02.08) (99.06-02.08) (99.06-04.08)	

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PART NO.		APPLICATION GUIDE		
GWN-48A 1N11-15-010 21010-1N526 21010-53J00 21010-53J01/02 21010-53J03/04 21010-53J05 21010-53J25 21010-70J00 21010-9F501 Z1010-53J00	SR16VE	1600	AD VAN	PNT30 (00.10-07.08)
	SR18D	1800	ALMERA	HP12,WHP12 (01.08-03.07)
	SR18DE	2000	AVENIR	ENU12,EU12,HNU12,HU12 (89.10-91.08)
	SR18DI		BLUEBIRD	U12 (89.10-94.12)
	SR20D		EXA	HB13,HNB13 (90.01-93.12)
	SR20DE		LAUREL SPIRIT	HP10,P10 (90.02-95.09)
	SR20DET		LIBERTA	PNW10,PW10,W10 (90.05-98.08)
	SR20DT		LUCINO	R10 (90.06-94.12)
	SR20VE		PRAIRIE	HR10,PR10 (90.06-95.01)
	SR20VT		PRAIRIE LIBERTY	HN14,N14 (90.08-94.12)
			PRESEA	HNP10 (90.10-95.09)
			PRIMERA	HAU12 (91.02-92.04)
			PULSAR	C23 (91.06-93.08)
			RASHEEN	KBC23,KBCC23 (91.06-95.08)
			R'NESSA	KBNC23 (91.06-98.01)
			SERENA	FHP10 (91.07-96.11)
			SUNNY	TEU13 (91.09-93.08)
			SUNNY NXCOUPE	U13 (91.09-94.12)
			SUNNY VAN	ENU13,EU13,HNU13,HU13 (91.09-95.11)
			TINO	B14 (94.01-94.12)
			VANETTE/LARGO	HB14 (94.01-97.08)
			VILLA	R11 (95.01-)
			WINGROAD	HN15,HR11,PR11 (95.01-00.08)
			X-TRAIL	PM11,PNM11 (95.08-98.11)
				HNP11,HP11 (95.09-01.01)
				P11 (95.09-98.09)
				ENU14,HNU14,HU14 (96.01-01.08)
				EU14 (96.01-98.09)
				HNN15 (96.05-00.08)
				WHNY10,WHY10 (96.05-99.06)
				FHP11 (96.11-98.09)
				RHNB14 (97.01-00.08)
				JB14 (97.08-99.04)
				JN15 (97.09-00.08)
				HP11,WHP11,WHNP11,WHP11 (97.09-01.01)
				HU14 (97.09-01.08)
				WP11 (97.09-98.09)
				N30,NN30 (97.10-01.07)
				RKNB14 (98.04-00.08)
				PNW11,PW11 (98.08-02.08)
				JB15 (98.10-00.09)
				PM12,PNM12 (98.11-01.05)
				HV10 (98.12-02.10)
				WPY11 (99.05-01.10)
				PC24,PNC24 (99.06-01.12)
GWN-49A 21010-50A11 21010-50A28/9 21010-50A89 21010-50AY8 21010-B1762	E13S	1300	AD	HB12,HNB12,WHB12 (85.09-87.09)
	E15S	1500	AD VAN	B12 (85.09-90.10)
	E15E		AVENIR	HN13,HNN13 (86.05-88.04)
	E15A		EXA	N13 (86.05-94.12)
	E15ET		LANGLEY	WHNB12 (86.09-87.09)
			LAUREL SPIRIT	BHN13 (86.10-88.08)
			LIBERTA	BHNN13 (87.01-88.08)
			PULSAR	VB11 (88.05-90.10)
			S-Cargo	VHB11 (88.05-90.10)
			SUNNY	G20 (89.01-90.11)
			SUNNY VAN	B11 (89.03-90.08)
			VILLA	G20A (90.03-90.11)









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PART NO.		APPLICATION GUIDE		
GWN-50A 21010-0Z800 21010-1E400 21010-1E401/2/3 21010-1E425 21010-1E4Y0 21010-F4400	KA24DE 2400	BLUEBIRD PU13 U13	(93.08-95.11) (93.08-)	
GWN-51A 21010-31U25/6/7/8/9 21010-31U00 21010-31U85	VQ20DE 2000 VQ25DE 2500 VQ25DD 3000 VQ30DE 3500 VQ30DT VQ30DD VE30DE VQ35DE	BASALA APE50,APWE50 CEFIRO HF50 CIMA E51,NE51 ELGRAND PJ30 CEDRIC A32,HA32 LEOPARD PA32 MAXIMA HBY33,HY33,HY33 PRESAGE JHBY33,JHY33 GLORIA FHY33 WA32,WPA32 MY33 WHA32 HU30 PA33 A33 MY34 HY34 JHU30	(00.08-02.05) (01.01-07.10) (02.05-12.01) (91.08-94.02) (94.08-98.12) (94.08-98.12) (95.06-99.06) (96.03-99.06) (96.06-01.01) (97.06-00.08) (97.06-99.06) (97.06-99.08) (98.06-03.07) (98.12-02.08) (98.12-03.03) (99.06-01.12) (99.06-04.10) (99.11-03.06)	
GWN-52A 21010-57J00/01/02/03 21010-57J25/27/28 B1010-57J26 BA010-57J01	CD20 2000 CD20E CD20ET CD20T CD20TI LD20 			



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PART NO.	APPLICATION GUIDE			
GWN-53A 21010-61504/5 21010-61526/7/8/9 21010-61585 21010-61594 21010-615Y5	SD33	3300	SAFARI 150 (80.06-87.10) PATROL 160 (80.06-94.12)	
	DIESEL			
GWN-54A 21010-85G25/26/27	NA16S 1600 KA20DE 2000 NA20S		ATLAS QYD21 (89.09-92.08) CARAVAN D21,GD21 (89.09-95.08) HOMY QD21,QGD21,QMD21 (89.09-97.01) CONDOR WH40 (90.06-91.10) DATSUN TRUCK UF22,UGF22,WF22,WGF22 (90.07-92.01) VANETTE F22/23,H40 (90.07-94.12) DTGE24,FTGE24 (90.08-93.05) FJNC22 (90.08-94.03) CTGE24,VTE24,VTGE24 (90.08-99.06) SJ2F23 (92.01-95.06) SK2F23,SK4F23 (92.01-99.06) QD22 (97.01-99.06) CPGE24,VPE24,VPGE24 (99.06-01.04) LPD22,PD22,SH2F23,SH4F23 (99.06-02.08)	
			GWN-54A=(GWS-41A)	
GWN-55A 21010-54A15/26/27 BA010-54A26/27	CD17	1700	AD SB12 (85.09-90.03) AD MAX WSB12 (85.09-90.10) AD VAN B12,SN13 (86.05-90.08) AVENIR N13 (86.05-94.12) EXA BSN13 (86.10-90.08) LANGLEY B11 (88.05-90.08) LAUREL SPIRIT VSB11 (88.05-90.10) LIBERTA SB13,SNB13 (90.01-93.12) PULSAR SN14 (90.08-94.12) SUNNY WSY10,Y10 (90.10-93.08) SUNNY VAN VSNY10 (90.10-94.08) VILLA VSY10 (90.10-97.05) VSGY10 (92.04-97.05)	
	DIESEL			
GWN-56A 21010-G5500/25/26 21010-G55Y6 21010-G8025 BA010-G5526 BA010-G8025	LD20	2000	VANETTE KUC22,KUJC22 (85.09-91.06) LARGO VUJC22 (85.09-94.03) C22 (85.09-94.12) VUGJC22 (86.05-93.04) GC22 (86.05-94.12) UGJC22,UJC22 (88.11-94.03)	
	DIESEL			
GWN-57A 21010-G5510/85/86 21010-G5594 21010-G8125 21010-G81Y5 BA010-G5586 BA010-G8125	LD20 LD20T	2000	BLUEBIRD VUJC22 (85.09-94.03) CARAVAN C22 (85.09-94.12) HOMY KUGC22 (86.05-93.04) LARGO GC22 (86.05-94.12) VANETTE E24 (86.09-90.10) KSE24,KSCE24 (86.09-90.10) KUGNC22 (86.11-93.04) VUGJNC22 (86.11-93.04) EJ910 (88.02-93.06) 910 (88.02-94.12) KUC22,KUJNC22 (88.09-91.06) VUJNBC22 (88.09-91.06) VUJNC22 (88.09-94.03) UGJNC22 (88.11-94.03)	
	DIESEL			





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PART NO.	APPLICATION GUIDE				
GWN-59A 21010-10V00 21010-10V25/26/27/28	VG20P	2000	CARAVAN	BJY31,CBJY31	(04.01-07.07)
	VG20E	3000	CEDRIC	PAY31,PY31,YPY31,Y31	(87.06-02.08)
	VG30E		CIMA	Y31/32	(87.06-94.12)
	VG30ET		GLORIA	TY31	(87.12-91.06)
			HOMY	E24	(88.10-94.12)
			LEOPARD	KEE24	(88.10-97.05)
				AEGE24	(88.10-99.06)
				CY31	(90.08-02.08)
				PY32,Y32	(91.06-95.06)
				YY31	(91.06-95.08)
				FEGE24	(93.05-99.06)
				PY33	(95.06-99.06)
				Y33	(96.01-99.06)
				JPY33	(96.03-97.10)
				JY33	(97.01-99.06)
					
GWN-60A 21010-06J25/26/27/28 21010-06J29	TD42	4200	SAFARI	VRY60	(87.10-93.08)
	TD42T		PATROL	Y60	(87.10-94.12)
				VRGY60	(87.10-97.10)
				WRGY60,WRV60	(91.02-97.10)
				WRGY61	(97.10-99.09)
				VRGY61	(99.09-02.11)
					
GWN-61A 21010-0W025/26/27 21010-0W028/002/003 21010-4S100/05/25/26 B1010-0W00J	VG33E	3300	ELGRAND	LR50	(95.09-02.08)
			PATHFINDER	JLR50	(96.08-02.08)
			TERRANO	ALE50,ALWE50	(97.05-02.05)
			TERRANO	JLUR50	(99.02-01.10)
			REGULUS	LUR50	(99.02-02.08)
					
GWN-62A 21010-9C600	LD23	2300	SERENA		(95-)
			VANETTE		(96-)
	DIESEL				
					
GWN-63A 21010-05E25/26/27	LD20	2000	BLUEBIRD	EU11	(83.10-87.09)
				VEU11	(83.10-90.05)
				U11	(83.10-94.12)
				SU12	(87.09-91.08)
	DIESEL			U12	(87.09-94.12)
					
GWN-64A 21010-44G00 21010-44G25/26/27/28 21010-44G29 21010-69T02	TD25	2500	ATLEON	D21	(88.01-92.12)
	TD27	2700	CABSTAR		
			DATSUN TRACK		
			TRADE		
					

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PART NO.		APPLICATION GUIDE					
GWN-65AF 21010-0F002/3 21010-2S526 21010-80G01 21010-80G25/28/29 21010-80G26 21010-80G27 21010-80G85/86 21010-80G87/89 21010-80G88 21010-G2404 21010-WJ125 B1010-80G0E	D21 TD27T	2700	DATSUN TRUCK D21 MISTRAL WBYD21 TERRANO TD27T BMD21 LBYD21 R20 LBMD21 KR20	(88.11-94.12) (88.11-95.08) (92.08-94.12) (92.08-97.01) (93.01-95.08) (94.02-96.10) (95.08-97.01) (95.11-96.10)			
							
	GWN-66A 21010-89TA2 21010-89TA7 21010-89TB1	4HF1 4HF1N 4HG1 4HV1 4HE1T 4HL1 4HL1N 4HJ1 4HJ1N	4300 4600 4800 5000	ATLAS AKS71EA,BPR71PAR CONDOR AKR72LR,BPR72LAR AKS71EAD,BKS71EA/EAD AKR72LN,APR72PYR AKR72E/GN,BPR72PAV BKR72EP/LN BKR72E3N/72GN,BPR72LAV/PAR BKR81E/EA/ED/EN/LR,BPR81LR BKR81EAV/81EP AKR81EAV,AKR81EP AKR81EP/GAV/GN/LAR/LR/LV APS72PAR,BKS81LAR BPR81PAV AKS81GAR,APR72LV BKS81A,BPS81N BPR81AN,BPR81DR AKR82AN,BKR82AN/82N AKS71GDR/71GR APR71LR/71LV/71PV BKR66EA/ED/EP/ER/LAV/LR BPR71LR/LV APR66GV BKR66LVX BKS71LAR BPR72LR/LV/PR/PV,BPS72LN AKR66ED/66LR AKR71E2N AKS71GAN,BKS71GAN AKR66K BKR71E3N	(00.08-02.06) (00.09-12.01) (00.10-02.06) (01.03-02.06) (01.03-12.01) (01.04-02.06) (01.04-12.01) (02.05-12.01) (02.05-12.01) (02.06-04.06) (02.06-12.01) (03.03-12.01) (03.04-12.01) (03.05-12.01) (04.10-12.01) (04.11-12.01) (05.05-12.01) (95.05-02.06) (95.05-02.06) (95.05-02.06) (95.05-02.06) (96.07-99.05) (96.10-99.05) (97.04-02.06) (97.04-12.01) (97.05-02.06) (98.08-99.05) (98.09-99.05) (99.02-02.06) (99.04-12.01)		
							
		GWN-67A 21010-59Y25/26	CD17	1700	AD VSNY10,VSY10 AD MAX SB13,SNB13 AD VAN VSGY10 AVENIR SN14 PULSAR Y10 SUNNY SUNNY VAN	(90.10-97.05) (92.01-93.12) (92.04-97.05) (92.08-94.12) (93.08-94.12)	
			*CAUTION(DIFERENCE OF GWN-55A & GWN-67A) DESIGN OF TIMING PULLEY(GROOVE)				
			 				
			<div>GWN-55A</div> <div>GWN-67A</div>				
							
			DIESEL				

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PART NO.		APPLICATION GUIDE				
GWN-68A 21010-22J00 21010-22J25/26 21010-28J25/26 21010-81T00 21010-81T25 21010-V7225/6/7/8 21010-V7285/286 B1010-81T26 B1010-V7286 BA010-22J25	LD28	2800	CEDRIC	UY30	(85.06-87.05)	
	RD28		CIMA	VUY30,WUY30	(85.06-93.08)	
	RD28E		CREW	Y30	(85.06-94.12)	
	RD28T		GLORIA	R31	(85.08-89.03)	
			LAUREL	SR31	(85.08-89.04)	
			PATROL	TSJC32	(86.10-88.12)	
			SAFARI	SJC32	(86.10-93.08)	
			SKYLINE	C32	(86.10-94.12)	
				UJY31,UY31	(87.06-02.08)	
				Y31	(87.06-94.12)	
				TUJY31	(87.12-91.06)	
				C33,SC33	(88.12-93.01)	
				CUY31	(90.08-99.08)	
				Y32	(91.06-94.12)	
				UY32	(91.06-95.06)	
			C34	(93.01-94.12)		
			SC34	(93.01-97.06)		
			WYY60	(94.10-97.10)		
			UY33	(95.06-99.06)		
			SC35,SK30,TSK30	(99.08-02.08)		
GWN-69A 21010-F6500 21010-F6525/26/27 21010-F6528 21010-F65Y8	VG20DT	2000	CEDRIC	UF31	(86.02-91.12)	
	VG30DT	3000	CIMA	Y31	(87.06-94.12)	
	VG30DE		GLORIA	FPAY31,FPY31	(88.01-91.08)	
	L20DET		LEOPARD	GF31	(88.08-91.12)	
	VG30DET		LEOPARD JFERRIE	F31	(88.08-94.12)	
				CY31	(89.06-91.06)	
GWN-70A 21010-42L00/01 21010-42L25/26 21010-70T00/25 21010-70TY5 21010-79L00 21010-79L25	RB20D	2000	CEDRIC	HJC32	(84.10-88.12)	
	RB20DE	2500	CEFIRO	HR31	(85.08-89.04)	
	RB20DT		CREW	YHR31	(85.08-89.11)	
	RB20E		GLORIA	WHJR31	(86.01-89.11)	
	RB25D		LAUREL	MJY31	(87.06-91.06)	
	RB25DE		SKYLINE	HC33,HCC33	(88.12-93.01)	
	RB20P			YHR32	(89.05-91.08)	
	RB20E/DE			HCR32,HNR32,HR32	(89.05-93.08)	
	RB20ET			NA31	(90.08-92.06)	
				EC33,ECC33	(91.10-93.01)	
				EA31,ECA31,LA31,LCA31,LNA31	(92.06-94.08)	
				HC34	(93.01-97.06)	
				R32	(93.05-94.12)	
				HK30	(94.01-99.08)	
	GWN-71A 21010-50K29	H20		NISSAN FORKLIFT		
GWN-72A 21010-19B25 21010-19BY5 21010-24B25	MA09RT	900	FIGARO	EK10	(88.01-92.01)	
	MA10T	1000	MARCH	K10	(88.12-94.12)	
	MA10S	1200	PAO	PK10	(89.01-94.10)	
	MA12			FK10	(91.02-92.04)	

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PART NO.	APPLICATION GUIDE			
GWN-73A 21010-4M500 21010-4M525 21010-4M526 21010-5M000 21010-5M025 21010-9F600 21010-9F605 21010-F4600 21010-F460A 21010-F4625	QG13DE 1300 QG15DE 1500 QG18DN 1800 QG18DE QG18DD	AD VGY11 (00.01-12.01) ALMERA FG10,QG10,QNG10 (00.08-05.12) AVENIR QP12 (02.02-05.12) BLUEBIRD W11 (98.08-05.09) BLUEBIRD SYLPHY QP11,WQP11 (98.09-01.01) EXPERT QU14 (98.09-01.08) PRIMERA QB15 (98.10-02.05) SUNNY B15,FB15,FNB15 (98.10-04.10) TINO V10 (98.12-03.03) WINGROAD WHY11 (99.05-01.10) WFY11,WHNY11 (99.05-05.11) VNW11,VW11 (99.06-06.12) VFY11,VHNY11,VY11 (99.06-12.01)		
GWN-74A 21010-5L326/7/8	RB20DE 2000 RB25DE 2500 RB25DT	LAUREL GC35,GNC35,HC35 (97.06-02.08) SKYLINE WGC34,WGNC34 (97.08-01.10) STAGEA WHC34 (97.08-01.10) ENR34,ER34 (98.05-01.06) HR34 (98.05-01.06)		
GWN-75A 21010-65F01 21010-65F25/26/27	SR20DE 2000	SILVIA CS/S-14 (93.10-98.12) S15 (99.01-02.08)		
GWN-76A 21010-AD200/1 21010-AD225/6 B1010-AD226	YD22DD 2200 YD25DT 2500	AD VNU30,VU30 (98.06-01.08) BASALA VC24,VNC24 (99.06-01.12) EXPERT VENY11,VEY11 (99.06-03.08) PRESAGE VENW11,VEW11 (99.06-05.12) SERENA SB15 (99.09-02.05) SUNNY JVNU30,JVU30 (99.11-01.08) X-TRAIL		
GWN-77A 21010-AA252 21010-AA525 21010-AA527	RB25DT 2500	CEDRIC ER34 (98.05-01.06) GLORIA WGC34 (98.08-01.04) LAUREL WGNC34 (98.08-01.10) SKYLINE GC35,GCC35 (98.09-02.08) STAGEA ENY34 (99.06-04.10)		
GWN-78A 21010-0T025	FD42 4200 FD46 4600	ATLAS DG2H41,LG2YH41 (91.10-95.05) CONDOR DG2S41,LG2YS41,LG4YS41,RG2YS41 (91.10-95.05) LG4YH41,RG2YH41 (91.10-95.05) SG2H41,VG2YH41,ZG4YH41 (91.10-95.05) SG2S41,VG2YS41,ZG4YS41 (91.10-95.05) RH4YH41,UH4YH41,UH5YH41 (92.01-95.05) RH4YS41,UH4YS41,UH5YS41 (92.01-95.05) UG4YH41,VG4YH41 (92.01-95.05) UG4YS41,VG4YS41 (92.01-95.05) VH4YH41,VH4YS41 (92.01-95.05) DG7YH41,LG7YH41 (92.11-95.05) DG7YS41,LG7YS41,LG8YS41/H41 (92.11-95.05) UH3YH41,UH3YS41 (93.10-95.05) VG3YH41/S41,ZG3YH41/S41 (93.10-95.05)		

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PART NO.	APPLICATION GUIDE				
GWN-79A 21010-52F00 21010-52F01 B1010-52F01	SR20D 2000 SR20DE 2000 SR20DT 2000	180 SX SERENA SILVIA	KPS13,PS13 KRPS13,RPS13 KBC23,KBCC23,KBNC23	(91.01-93.10) (91.01-99.01) (91.06-99.06)	
GWN-80A* (21010-4A00G 21010-4A0A1/2/4/6 W/HOUSING NO.)	K6A 660	MOCO	MG21S	(02.04-06.02)	
GWN-81A* (21010-4A00D 21010-4A00J 21010-4A0A3/5/7 W/HOUSING NO.)	K6A 660	MOCO	MG21S	(02.04-06.02)	
GWN-82A 21010-6A0A0	3G83 660	CLIPPER CLIPPER RIO	U71T/TP/TY/V,U72T/TP/TY/V U71W,U72W	(03.10-12.01) (07.06-12.01)	
GWN-83A 21010-6A0A1	3G83 660	OTTI	H91W H92W	(05.06-06.10) (06.10-12.01)	
GWN-84A 21010-EB300 21010-EB325 21010-VK525 B1010-VK525	2500	KING CAB NAVARA PATHFINDER	2500	(02.03-) (05.07-) (05.03-)	
GWN-86A 21010-6N20A 21010-6N21A 21010-6N225/6 21010-8J000 21010-8J010 21010-F461A/B 21010-F462A	QR20DE 2000 QR20DD 2500 QR25DE QR25DD	AVENIR BASALA BLUEBIRD SYLPHY ELGRAND LIBERTY MURANO PRESAGE PRIMERA SERENA TEANA WINGROAD X-TRAIL	TG10 NT30,T30 RP12,WRP12 TP12,WTNP12,WTP12 RM12,RNM12 JTNU30,JTU30 TNU30,TU30 TNP12 WRY11 RC24,TC24,TNC24 RNW11,RW11 TNJ31 TNU31,TU31 TZ50	(00.08-05.12) (00.10-07.08) (01.01-05.12) (01.01-05.12) (01.05-04.12) (01.08-03.06) (01.08-03.07) (01.08-05.12) (01.10-05.11) (01.12-05.05) (02.08-05.09) (03.02-08.06) (03.06-12.01) (04.09-12.01)	

Continued





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PART NO.		APPLICATION GUIDE					
GWN-86A			TNT31 TNJ32 TNZ51 TZ51 TE52,TNE52	(07.08-12.01) (08.06-12.01) (08.09-12.01) (10.01-12.01) (10.08-12.01)			
	GWN-87A 21010-ED325	HR15DE 1500	BLUEBIRD SYLPHY NC11	(04.09-08.01)			
			CUBE CUBIC SNC11	(04.10-08.01)			
			NOTE NE11	(05.01-07.12)			
			TIIDA YGNZ11,YGZ11	(05.05-08.11)			
			TIIDA LATIO NY12	(05.11-08.01)			
WINGROAD NG11			(05.12-09.05)				
GWN-88A 21010-EE025	HR12DE 1200 HR15DE 1500	BLUEBIRD SYLPHY NY12	(05.11-12.01)				
		CUBE NG11	(05.12-12.01)				
		CUBE CUBIC YGNZ11,YGZ11	(06.12-08.11)				
		JUKE NC11	(06.12-12.01)				
		MARCH NE11	(06.12-12.01)				
		NOTE SNC11	(06.12-12.01)				
		TIIDA E11	(07.12-12.01)				
		TIIDA LATIO C11	(08.01-12.01)				
		WINGROAD SC11	(08.01-12.01)				
		Y12	(08.01-12.01)				
		NZ12,Z12	(08.11-12.01)				
		YF15	(10.06-12.01)				
		NK13	(10.07-12.01)				
		GWN-89A B1010-ED00A 21010-ED025	HR15DE 1200 HR16DE 1500 HR12DE 1600		AD C11	(04.09-10.08)	
					AD EXPERT SC11	(04.10-12.01)	
BLUEBIRD SYLPHY E11	(05.01-07.12)						
CUBE YGZ11,YZ11	(05.05-08.11)						
CUBE CUBIC YK12	(05.08-12.01)						
JUKE Y12	(05.11-12.01)						
MARCH G11	(05.12-12.01)						
MICRA VY12	(06.12-12.01)						
NOTE FHZK12	(07.07-12.01)						
NV200 VANETTE ZE11	(08.10-12.01)						
TIIDA VZNY12	(08.12-12.01)						
TIIDA LATIO M20,VM20	(09.05-12.01)						
WINGROAD K13	(10.07-12.01)						
GWN-90A 21010-EN225 21010-ET025 B1010-1GZ0A B1010-EN20B B1010-ET00A	MR18DE 1800 MR20DE 2000	AD EXPERT B30,NB30	(04.12-12.01)				
		BLUEBIRD SYLPHY JC11	(05.01-10.08)				
		DUALIS SJC11	(05.01-12.01)				
		QASHQAI C25,NC25	(05.05-10.11)				
		RAFESTA JY12	(05.11-12.01)				
		SERENA KG11	(05.12-12.01)				
		TIIDA CC25,CNC25	(06.06-10.11)				
		TIIDA LATIO VJY12	(06.12-12.01)				
		WINGROAD J10,NJ10	(07.05-12.01)				
		X-TRAIL NT31,T31	(07.08-12.01)				
		KJ10,KNJ10	(07.12-12.01)				

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PART NO.		APPLICATION GUIDE			
GWN-91A 21010-AX401	CR14DE 1400	CUBE	BNZ11	(02.10-08.11)	
		MARCH	BNK12	(02.09-12.01)	
GWN-92A 21010-AX000 21010-AX00A 21010-BX000	CR10DE 1000 CR12DE 1200 CR14DE 1400	AD	K12	(02.02-03.07)	
		CUBE	BK12	(02.02-05.08)	
		CUBE CUBIC	AK12	(02.02-12.01)	
		MARCH	BZ11	(02.10-08.11)	
		MICRA	BGZ11	(03.09-08.11)	
		NOTE	VAY12	(06.12-12.01)	
GWN-93A 21010-7Y00A 21010-7Y025/6 21010-AL525/6/7/8 21010-JK00A B1010-JK00A B1010-JK20A	VQ23DE 2300 VQ25DE 2500 VQ25HR 3000 VQ25DD 3500 VQ25DT VQ30DD VQ35DE	CEDRIC	CPV35	(03.01-06.11)	
		ELGRAND	HM35	(01.10-04.08)	
		FAIRLADY Z	HV35	(01.06-04.11)	
		FUGA	HY34	(01.12-04.10)	
		GLORIA	HZ33	(03.10-07.01)	
		GT-R	J31	(04.06-08.06)	
		MURANO	J32	(08.06-12.01)	
		PATHFINDER	M35,NM35	(01.10-12.01)	
		PRESAGE	ME51,MNE51	(04.12-12.01)	
		SKYLINE	MY34	(01.12-04.10)	
		STAGEA	NM35	(01.10-04.08)	
		TEANA	NV35	(01.09-06.11)	
			NV36,V36	(06.11-12.01)	
			PE52,PNE52	(10.08-12.01)	
			PJ31	(04.06-08.06)	
			PJ32	(08.06-12.01)	
			PM35,PNM35	(04.08-12.01)	
			PNU31	(03.06-06.05)	
			PNY50,PY50	(04.10-07.12)	
			PNZ50,PZ50	(04.09-12.01)	
			PNZ51	(08.09-12.01)	
			PU31	(06.05-12.01)	
			PV35	(02.01-06.11)	
			V35	(01.06-06.11)	
			Y50	(04.10-12.01)	
			Y51	(09.11-12.01)	
			Z33	(02.07-07.01)	
GWN-94A 21010-7B000	V6 3300	LIGHT DUTY TRUCKS		(99-02)	 
		QUEST			
GWN-95A 21010-0P503 21010-0P525/6/7/8/9 B1010-0P529	VG30DT 3000 VG30DE	CIMA	FPY32	(93.09-96.06)	 
		GLORIA	JPY32	(92.06-95.12)	
		CEDRIC	PAY32,PBY32,PY32	(91.06-95.06)	
		LEOPARD JFERRIE			

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PART NO.	APPLICATION GUIDE		
GWN-97F 21082-86G00 21082-86G0A 21082-V0700	2800 3000 2400 2400 DIESEL	MAXIMA PICKUP V6 FRONTIER XTERRA	(83-84) (95) (98-04) (00-04) 
GWN-98F 21082-03J01 21082-03J10	4200	SAFARI TB42	
GWN-99F 21082-36J00	4200	SAFARI TD42	
GWN-100F 21082-37J00	4.2L	SAFARI TB42E	
<u>DISCONTINUED</u>		<u>GWN-08A=(GWN-07A)(21010-52600,21010-58050,21010-C4925)</u> <u>GWN-11F (21082-H7201/2,21082-H9100, 21082-H9300)</u>	

OTHER

PART NO.		APPLICATION GUIDE	
GWZ-04A 11-8478		THERMO KING DI-201	

OPEL

PART NO.	APPLICATION GUIDE	
GWO-01A		
1334032	64-	1500
1334035	64-69	1600
1241680	65-66	1700
1334072	65-67	1900
1334081	65-69	2000
25515147	66-71	2500
2898355	67-69	2600
90108735	67-71	2800
90136224	67-72	3000
02898355	67-73	4600
	68-73	
	69-72	
	69-75	
	69-76	
	69-78	
	70-75	
	71-75	
	72-75	
	72-77	
	72-78	
	72-99	
	74-75	
	75-77	
	75-81	
	75-84	
	77-80	
	77-82	
	77-84	
	77-86	
	77-88	
	78-82	
	78-86	
	78-87	
	79-81	
	80-82	
	81-82	
	81-86	
		REKORD B,C,D#
		ADMIRAL,OLIMPIA,COMMODORE,KADETT
		ASCONA B,MANTA B,KAPITAN
		(HOLDEN TORANA OPEL eng)
		(VAUXHAUL CAVALIER,COUPE)(OPEL USA)
		ADMIRAL A S
		A HL
		A
		B S
		B E
		B
		ASCONA A (81_,86_,87_,88_) N
		A (81_,86_,87_,88_) S
		A (81_,86_,87_,88_) SR
		A Voyage (84_,89_) N
		A Voyage (84_,89_) S
		A Voyage (84_,89_) SR
		B (81_,86_,87_,88_) N
		B (81_,86_,87_,88_) S
		B (81_,86_,87_,88_) E
		COMMODORE A
		A GS
		A GS/E
		A Coupe
		A Coupe GS
		A Coupe GS/E
		B
		B GS
		B GS/E
		B Coupe
		B Coupe GS
		B Coupe GS/E
		C (14_,19_) E
		C (14_,19_) S
		C Estate (61) E
		C Estate (61) S
		DIPLOMAT A
		B E
		GT GT
		KADETT B
		B Coupe
		MANTA A (58_,59_)
		A (58_,59_) S
		A (58_,59_) GT/E
		B (58_,59_) N
		B (58_,59_) S
		B (58_,59_)
		B (58_,59_) E
		B CC (53_,55_) N
		B CC (53_,55_)
		B CC (53_,55_) E
		B CC (53_,55_) S
		MONZA A (22_) E
		A (22_)
		A (22_) GSE
		OLYMPIA A
		A Coupe
		B
		B Coupe
		B Estate
		C
		C S



continued

OPEL

PART NO.		APPLICATION GUIDE	
GWO-01A		REKORD	C Sprint C Coupe C Coupe S C Coupe Sprint C Estate C Estate S D D S D Coupe S D Coupe D Estae D Estae S E (17_,19_,11_,14_,16_) E (17_,19_,11_,14_,16_) E E (17_,19_,11_,14_,16_) S E Estate (61_,66_,67) E Estate (61_,66_,67) E E Estate (61_,66_,67) S
		SENATOR	A (29_) E A (29_)
GWO-02A	62-65 1000 1334029 62-75 1100 2866233 63-65 1200 65-73 66-71 67-71 68-70 72-75 73-79 75-79 79-84 82-87 82-90 86-90	KADETT A/B,OLIMPIA CITY,ASCONA,MANTA (OPEL USA) ASCONA KADETT	A (81_,86_,87_,88_) S A A S A Coupe S A Estate N A Estate S B B S B SR B Coupe B Estate C C S C City C City S C Coupe C Coupe S C Estate C Estate S D (32_,37_,39_,42_) S MANTA CORSA GT OLYMPIA

OPEL


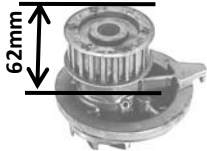
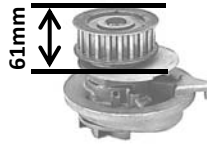
PART NO.	APPLICATION GUIDE		
GWO-05AP			
90076952	79-80	1300	KAD ETT D 1.3
1334004	79-81		ASCONA C 1.3
1334023	79-84		(Front Wheel Drive)
1334070	79-86		ASCONA B (81_,86_,87_,88_) N
90076952	80-		B (81_,86_,87_,88_) S
90183273	81-86		C (81_,86_,87_,88_) N
90325659	81-88		C (81_,86_,87_,88_) S
90349241	82-		C Hatchback (84_,89_) N
	82-87		C Hatchback (84_,89_) S
	82-89		CORSA A Box
	84-87		A Hatchback (93_,94_,98_,99_) N
	84-89		A Hatchback (93_,94_,98_,99_) i
	84-91		A Hatchback (93_,94_,98_,99_) S
	85-87		A TR (91_,92_,96_,97_) N
	85-89		A TR (91_,92_,96_,97_) S
	85-91		KADETT D (31_,34_,41_,44_) N
	86-89		D (31_,34_,41_,44_) S
	86-90		D (32_,37_,39_,42_) N
	87-93		D (32_,37_,39_,42_) S
			D Estate (35_,36_,45_,46_) N
			D Estate (35_,36_,45_,46_) S
			E (39_,49_) i CAT
			E (39_,49_) N
			E (39_,49_) S
			E Box (37_,47_) N
			E Combo (38_,48_) N
			E Combo (38_,48_) S
			E Convertible (48B_) S
			E Estate (35_,36_,45_,46_) i CAT
			E Estate (35_,36_,45_,46_) N
			E Estate (35_,36_,45_,46_) S
			E Hatchback (33_,34_,43_,44_) i CAT
			E Hatchback (33_,34_,43_,44_) N
			E Hatchback (33_,34_,43_,44_) S
			MANTA B (58_,59_) N
			B (58_,59_) S
			B CC (53_,55_) N
			B CC (53_,55_) S

NUMBER OF TOOTH (19)

Φ56.234mm



OPEL

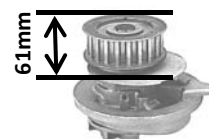
PART NO.	APPLICATION GUIDE		
GWO-08AP 1334045 90136382 1334074 1334087 90096415 3469874 90141738 90108739	72-77 2000 73-79 2100 77-82 2200 77-86 2500 78-81 3100 91-94 91-98 92	ASCONA,MANTA ASCONA B (81_,86_,87_,88_) D CAMPO (TF_) D 4x4 (TFS54) (TF_) TD 4x4 (TFS69) REKORD D D Estate D E (17_,19_,11_,14_,16_) D E Estate (61_,66_,67) D MONTEREY A (UBS_) TD (UBS69)	DIESEL 
GWO-09A 1334012/15/99 90285034 90285418 90106450	79-84 1600 82- 82-84 82-88 84- 84-88 84-89 86-89	ASCONA C 1.6 diesel FWD KADETT D 1.6 diesel KADETT E 1.6 diesel ASCONA C (81_,86_,87_,88_) D C Hatchback (84_,89_) D KADETT D (31_,34_,41_,44_) D D (32_,37_,39_,42_) D D Estate (35_,36_,45_,46_) D E (39_,49_) D E Box (37_,47_) D E Combo (38_,48_) D E Estate (35_,36_,45_,46_) D E Hatchback (33_,34_,43_,44_) D	<p>NUMBER OF TOOTH (21)</p> <p><u>Φ62.3mm</u></p> 
GWO-10A 1334008 90220568 12508606 12511062 12517379 52273124 90272361 90273361 90392902 90392908 AW5036	81-86 1600 81-88 1800 82-88 2000 86-88 87- 87-88 90-97 91-98 92-98 93-94	ASCONA,KADETT, ASTRA,BELMONT, CARLTON,CAVALIER 1600cc N,SH eng. 1800cc SE,NV eng. 2000cc E,NE,SEH eng. ASCONA C (81_,86_,87_,88_) C (81_,86_,87_,88_) S C (81_,86_,87_,88_) i C (81_,86_,87_,88_) i CAT C (81_,86_,87_,88_) i GT C Hatchback (84_,89_) C Hatchback (84_,89_) S C Hatchback (84_,89_) i C Hatchback (84_,89_) i CAT C Hatchback (84_,89_) i GT ASTRA F (56_,57_) i F Convertible (53_B) i F Estate (51_,52_) i F Hatchback (53_,54_,58_,59_) i CALIBRA A (85_) i A (85_) i 4x4	 <p>continued</p>

OPEL

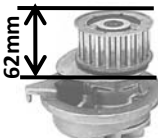
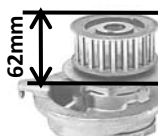
PART NO.	APPLICATION GUIDE		
GWO-10A	89	1600	FRONTERA A Sport (5_SUD2) i (52SUD2,55SUD2)
	84-91	1800	KADETT E (39_,49_) S
	84-92	2000	E (39_,49_)
	85-91		E (39_,49_) i
	86-87		E (39_,49_) i CAT
	86-91		E Box (37_,47_) i
	86-93		E Convertible (43B_) i
	86-94		E Convertible (43B_) i CAT
	87-90		E Estate (35_,36_,45_,46_) S
	87-91		E Estate (35_,36_,45_,46_) i
	88-89		E Estate (35_,36_,45_,46_) i CAT
	88-90		E Hatchback (33_,34_,43_,44_) i
	88-92		E Hatchback (33_,34_,43_,44_) S
	88-95		E Hatchback (33_,34_,43_,44_) GSI
	89-92		E Hatchback (33_,34_,43_,44_) GSI
	89-95		CAT
	90-95		OMEGA A (16_,17_,19_)
	92-98		A (16_,17_,19_) N
	94-00		A (16_,17_,19_) S
			A (16_,17_,19_) i
			A Estate (66_,67_)
			A Estate (66_,67_) N
			A Estate (66_,67_) S
			A Estate (66_,67_) i
			B (25_,26_,27_)
			VECTRA A (86_,87_) i CAT
			A (86_,87_) S
			A (86_,87_) S 4x4
			A (86_,87_)
			A (86_,87_) i
			A (86_,87_) i 4x4
			A (86_,87_) i 4x4 CAT
			A (86_,87_) i CAT
			A Hatchback (88_,89_) i
			A Hatchback (88_,89_) i CAT
			A Hatchback (88_,89_) S
			A Hatchback (88_,89_)
			A Hatchback (88_,89_) I GT

NUMBER OF TOOTH (21)

Φ62.3mm

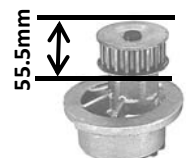


OPEL

PART NO.	APPLICATION GUIDE		
GWO-11A 1334014 90284913 90295078	82-84 1600 82-88 1700 84-91 84-92 86-94 87- 88-95 91-98 91-99 92-98 98-00	ASTRA,ASTRAMAX,ASCONA,KADETT,BELMONT,CAVALIER ASCONA C (81_,86_,87_,88_) D C Hatchback (84_,89_) D ASTRA F (56_,57_) D F Estate (51_,52_) D F CLASSIC Hatchback TD F Hatchback (53_,54_,58_,59_) D F Van (55_) D KADETT D (31_,34_,41_,44_) D D (32_,37_,39_,42_) D E (39_,49_) D E Box (37_,47_) D E Combo (38_,48_) D E Estate (35_,36_,45_,46_) D E Hatchback (33_,34_,43_,44_) D VECTRA A (86_,87_) D A Hatchback (88_,89_) D	<div>NUMBER OF TOOTH (21)</div> <div>$\phi 62.3\text{mm}$</div> <div></div>
GWO-12A 1334017 90281612 1334038 90442207	86-91 2000 86-93 87-91 88- 88-91 89-90 89-94 89-95 90-94 90-95 91-98 92-94 92-97 93-98 94-95 98-00	KADETT,VECTRA 16V 2000cc E,GSI,XE eng. ASTRA F Estate (51_,52_) i 16V F Hstchback (53_,54_,58_,59_) GSI 16V F CLASSIC Hatchback i CALIBRA A (85_) i 16V A (85_) i 16V 4x4 A (85_) i Turbo 4x4 KADETT E (39_,49_) i CAT E Convertible (43B_) i E Convertible (43B_) i CAT E Hatchback (33_,34_,43_,44_) GSI E Hatchback (33_,34_,43_,44_) GSI 16V E Hatchback (33_,34_,43_,44_) GSI 16V CAT VECTRA A (86_,87_) i 16V A (86_,87_) i 16V 4x4 A (86_,87_) i Turbo 4x4 A (86_,87_) 16V 4x4 A (86_,87_) GT 16V A (86_,87_) GT 16V 4x4 CAT A (86_,87_) GT 16V CAT A Hatchback (88_,89_) i 16V A Hatchback (88_,89_) i 16V CAT	<div>NUMBER OF TOOTH (21)</div> <div>$\phi 62.3\text{mm}$</div> <div></div>

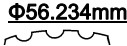


OPEL

PART NO.	APPLICATION GUIDE	
GWO-13A		
1334098	79-84	1200
90144227	82-84	1400
1334025	82-90	1600
90325660	82-93	
1334065	83-	
90234198	84-86	
90349239	84-91	
90392901	86-90	
9192793	86-91	
96351969	87-93	
D5094013802	88-92	
D90325660A	88-93	
1334010	88-95	
	89-91	
	89-93	
	90-91	
	90-93	
	91-93	
	91-94	
	91-98	
	91-99	
	92-93	
	92-98	
	93-00	
	93-01	
	93-95	
	94-01	
	94-98	
	95-02	
	95-03	
	96-00	
	96-98	
	97-00	
	98-00	
	98-02	
	98-05	
	99-00	
		CROSA 1200cc
		KADETT 1200cc
		ASTRA 1200cc
		NOVA 1200cc
		ASTRA F (56_,57_)
		F (56_,57_) i
		F (56_,57_) i 16V
		F (56_,57_) Si
		F CLASSIC Estate i
		F CLASSIC Hatchback i
		F CLASSIC Saloon i
		F Convertible (53_B) Si
		F Convertible (53_B) i
		F Estate (51_,52_)
		F Estate (51_,52_) i
		F Estate (51_,52_) Si
		F Hatchback (53_,54_,58_,59_)
		F Hatchback (53_,54_,58_,59_) i
		F Hatchback (53_,54_,58_,59_) i 16V
		F Hatchback (53_,54_,58_,59_) Si
		F Van (55_) i
		G Box (F70)
		G Estate (F35_)
		G Hatchback (F48_,F08_)
		G Saloon (F69_) (71_)
	COMBO	(71_)
	CORSA	A Box
		A Hatchback (93_,94_,98_,99_)
		A Hatchback (93_,94_,98_,99_) i
		A Hatchback (93_,94_,98_,99_) N
		A Hatchback (93_,94_,98_,99_) S
		A Hatchback (93_,94_,98_,99_) Si
		A Hatchback (93_,94_,98_,99_) GSI
		A Hatchback (93_,94_,98_,99_) GSI
		CAT
		A TR (91_,92_,96_,97_) i
		A TR (91_,92_,96_,97_) S
		B (73_,78_,79_) i
		B (73_,78_,79_) i 16V
		B (73_,78_,79_) Si
		B Box (73_) i
	KADETT	D (31_,34_,41_,44_)
		D (31_,34_,41_,44_) S
		D (32_,37_,39_,42_) S
		D Estate (35_,36_,45_,46_) S
		E (39_,49_) i
		E (39_,49_) S
		E (39_,49_) i CAT
		E Box (37_,47_)
		E Box (37_,47_) i
		E Combo (38_,48_) i
		E Combo (38_,48_) S
		E Convertible (43B_) i
		E Convertible (43B_) S



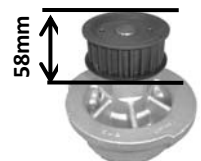
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OPEL

PART NO.	APPLICATION GUIDE		
GWO-13A		<div><div>KADETT</div><div>E Convertible (43B_) i CAT E Estate (35_,36_,45_,46_) E Estate (35_,36_,45_,46_) i E Estate (35_,36_,45_,46_) S E Estate (35_,36_,45_,46_) i CAT E Hatchback (33_,34_,43_,44_) E Hatchback (33_,34_,43_,44_) i E Hatchback (33_,34_,43_,44_) S E Hatchback (33_,34_,43_,44_) i CAT</div></div> <div><div>VECTRA</div><div>A (86_,87_) S A (86_,87_) A (86_,87_) i A (86_,87_) i CAT A Hatchback (88_,89_) S A Hatchback (88_,89_) i A Hatchback (88_,89_) i CAT B (36_) i B Estate (31_) i B Hatchback (38_) i</div></div> <div><div>TIGRA</div><div>(95_) 16V</div></div>	<div><div>NUMBER OF TOOTH (19)</div><div><div>Φ56.234mm</div><div></div></div><div><div>55.5mm</div><div></div></div></div>
GWO-14AP	<div><div>1334097</div><div>90156532</div></div>	<div><div>75-1700</div><div>75-771900</div><div>77-802000</div><div>77-812200</div><div>77-82</div><div>77-84</div><div>77-86</div><div>77-88</div><div>79-81</div><div>83-</div><div>83-86</div><div>83-87</div><div>84-87</div></div>	<div><div>BEDFORD CF2 97000 PETROL</div><div>OPEL ASCONA B 2.0 Commodore C</div><div>OPEL Manta B 2.0 Monza,Senator</div><div>Rekord,</div><div>VAUXHALL Carlton</div><div><div>ASCONA</div><div>B (81_,86_,87_,88_) S B (81_,86_,87_,88_) E B (81_,86_,87_,88_) N</div></div><div><div>MANTA</div><div>B (58_,59_) B (58_,59_) E B (58_,59_) S B CC (53_,55_) B CC (53_,55_) E B CC (53_,55_) S</div></div><div><div>MONZA</div><div>A (22_) E</div></div><div><div>REKORD</div><div>D Coupe D Estate S E (17_,19_,11_,14_,16_) E (17_,19_,11_,14_,16_) E E (17_,19_,11_,14_,16_) S E Estate (61_,66_,67_) E Estate (61_,66_,67_) E E Estate (61_,66_,67_) S</div></div><div><div>SENATOR</div><div>A (29_) E</div></div></div> <div></div>


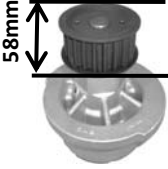
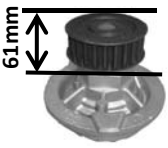
OPEL

PART NO.		APPLICATION GUIDE	
GWO-15A 1334021 , 90271492 90220290/668 90348231 FWP1467 QCP2689 1334009 6334012 93179380	86-88	2300	OPEL FRONTERA 2300D,2400i
	86-94	2400	OMEGA 2300D,2400i,3000cc
	87-90	2500	SENETOR 2500,2600,3000cc
	87-93	2600	VUXHALL CARLTON 2300D,2400,2600,3000cc
	87-94	3000	FRONTERA A (5_MWL4) TD (5JMWL4)
	88-93		A (5_MWL4) i (53MWL4)
	88-94		A Sport (5_SUD2) TDS
	89-93		OMEGA A (16_,17_,19_) D
	89-94		A (16_,17_,19_) TD
	90-93		A (16_,17_,19_) TD Interc.
	92-98		A (16_,17_,19_) i
	96-98		A (16_,17_,19_) (3000)
			A (16_,17_,19_) (3000) CAT
			A (16_,17_,19_) 24V (3000)
			A Estate (66_,67_) D
			A Estate (66_,67_) TD
			A Estate (66_,67_) TD Interc.
GWO-16A R1160030 QCP3084 1334046 90444079 9192797 1334066	93-00	1400	ASTRA IV 1.4i 16v X14XE
	93-96	1600	ASTRA V 1.6i 16v X16XE
	94-		TIGRA X16XEL
	94-00		VECTRA
	94-98		ZAFIRA
	95-02		ASTRA F (56_,57_) i 16V
	96-01		F CLASSIC Estate i 16V
	96-02		F CLASSIC Hatchback i
	98-00		F CLASSIC Hatchback i 16V
	98-02		F CLASSIC Saloon i 16V
	98-04		F Convertible (53_B) i 16V
	98-05		F Convertible (53_B) i
	99-05		F Estate (51_,52_) i 16V
	00		F Estate (51_,52_) i
	00-05		F Hatchback (53_,54_,58_,59_) i 16V
	01-05		G Convertible 16V
	02-05		G Coupe (F07_) 16V
	02-09		G Estate (F35_) 16V
			G Estate (F35_) 16V
			G Hatchback (F48_,F08_) 16V
			G Hatchback (F48_,F08_) 16V
			G Saloon (F69_) 16V
			CORSA B (73_,78_,79_) i 16V
			B (73_,78_,79_) GSI 16V
			C (F08_,F68_) 16V
			TIGRA (95_) 16V
			VECTRA B (36_) i 16V
			B Estate (31_) i 16V
			B Hatchback (36_) i 16V
			ZAFIRA (F75_) 16V

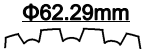



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OPEL

PART NO.		APPLICATION GUIDE			
GWO-16A		ZAFIRA (F75_) CNG			
		<p><u>NUMBER OF TOOTH (23)</u></p> <p><u>Φ57.197mm</u></p>  			
GWO-17A					
		89	1400	ASTRA III	2.0i 8v 18NV
R1160031	84-91	1600	CALIBRA	2.0i 8v	C20NE
QCP3058	84-92	1800	CARLTON	1.8,2.0	
1334054	85-91	2000	CAVALIER III		
90444123	86-87		FRONTERA		
	86-88		ASCONA	C (81_,86_,87_,88_) i CAT	
	86-91			C Hatchback (84_,89_) i CAT	
	86-93		ASTRA	F (56_,57_)	
	86-94			F (56_,57_) i	
	86-96			F Convertible (53_B) i	
	87-90			F Estate (51_,52_)	
	87-91			F Estate (51_,52_) i	
	88-89			F Hatchback (53_,54_,58_,59_)	
	88-92			F Hatchback (53_,54_,58_,59_) i	
	88-95		CALIBRA	A (85_) i	
	89-90			A (85_) i 4x4	
	89-92		FRONTERA	A Sport (5_SUD2) i (52SUD2,55SUD2)	
	89-95		KADETT	E (39_,49_)	
	90-97			E (39_,49_) i	
	91-98			E (39_,49_) i CAT	
	92-98			E Box (37_,47_) i	
	93-94			E Convertible (43B_) i	
	94-00			E Convertible (43B_) i CAT	
	94-99			E Estate (35_,36_,45_,46_) i	
	95-02			E Estate (35_,36_,45_,46_) i CAT	
	95-03			E Hatchback (33_,34_,43_,44) GSI	
	95-98			E Hatchback (33_,34_,43_,44) i	
	96-00			E Hatchback (33_,34_,43_,44) S	
				E Hatchback (33_,34_,43_,44) GSI	
				CAT	
			OMEGA	A (16_,17_,19_)	
				A (16_,17_,19_) i	
				A (16_,17_,19_) N	
				A (16_,17_,19_) S	
				A Estate (66_,67_)	
				A Estate (66_,67_) i	
				A Estate (66_,67_) N	
				A Estate (66_,67_) S	
				B (25_,26_,27_)	
				B Estate (21_,22_,23_)	
			VECTRA	A (86_,87_) i CAT	
				A (86_,87_) i	
				A (86_,87_) S	
				A (86_,87_) S 4x4	
				A (86_,87_)	
				A (86_,87_) i 4x4	
					
		continued			

OPEL

PART NO.	APPLICATION GUIDE		
GWO-17A		VECTRA A (86_,87_) i 4x4 CAT A Hatchback (88_,89_) S A Hatchback (88_,89_) i A Hatchback (88_,89_) i CAT A Hatchback (88_,89_) A Hatchback (88_,89_) i GT B (36_) i B Estate (31_) i B Hatchback (38_) i	
		<div> <div>NUMBER OF TOOTH (25)</div> <div>  <div> <div>Φ62.29mm</div> <div>61mm</div> </div> </div> </div>	
GWO-18A 24409355 1334139 R1160032 QCP3059 92226211 1334137 90444359 9352650 1334646 1334041 1334050 1334053 90443549 90444311 90466344 9192370 93284724 1334119 1334137 9092370 92064250	87-91 1700 88-92 1800 89-90 2000 89-91 2200 89-94 2400 90-95 91-00 91-98 91-99 92-94 92-95 92-97 92-98 93-98 94-01 94-03 94-95 94-97 94-98 94-99 95-02 95-03 95-98 96-03 96-99 98 98-00 98-04 98-05 99-05 00-05 00-05 01-05 02 02-04 02-05 03 04 04-05	ASTRA III 1.7D,2.0i 16v GM17D ASTRA IV 1.7TD,1.8i,2.0i C18XEL ASTRA V 1.7TD,2.0i C20XE CALIBRA,COMBO, FRONTERA,KADETT, OMEGA,SINTRA,VECTRA DAEWOO(LEGANZA,NUBIRA,REZZO,TACUMA) ANTARA ASTRA FWD ASTRA F (56_,57_) D F (56_,57_) TD F (56_,57_) i 16V F CLASSIC Hatchback i F Convertible (53_B) i 16V F Estate (51_,52_) D F Estate (51_,52_) TD F Estate (51_,52_) i 16V F Hatchback (53_,54_,58_,59_) D F Hatchback (53_,54_,58_,59_) TD F Hatchback (53_,54_,58_,59_) i 16V F Hatchback (53_,54_,58_,59_) GSI 16V F Van (55_) D F Van (55_) TD G Box (F70) TD G Convertible 16V Turbo G Convertible OPC G Coupe (F07_) 16V Turbo G Estate (F35_) TD G Estate (F35_) 16V G Estate (F35_) OPC G Hatchback (F48_,F08_) TD G Hatchback (F48_,F08_) 16V G Hatchback (F48_,F08_) OPC G Saloon (F69_) TD G Saloon (F69_) 16V H Turbo H Estate Turbo	
		<div> <div>63.5mm</div> <div>  </div> </div>	

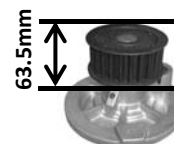
continued

OPEL

PART NO.	APPLICATION GUIDE	
GWO-18A	05	ASTRA H GTC Turbo
	05-06	H TwinTop Turbo
	06	CALIBRA A (85_) i 16V
	08	A (85_) i 16V 4x4
		A (85_) i Turbo 4x4
		FRONTERA A (5_MWL4) i (54MWL4)
		B (6B_) i (6B_ZC,6B_VF,6B_66,6B_76)
		INSIGNIA Turbo
		Turbo 4x4
		Saloon Turbo
		Saloon Turbo 4x4
		Sports Tourer Turbo
		Sports Tourer Turbo 4x4
		KADETT E (39_,49_) D
		E Box (37_,47_) D
		E Combo (38_,48_) D
		E Estate (35_,36_,45_,46_) D
		E Hatchback (33_,34_,43_,44_) D
		E Hatchback (33_,34_,43_,44_) D
		GSI 16V
		OMEGA B (25_,26_,27_) 16V
		B Estate (21_,22_,23_) 16V
		SIGNUM Turbo
		direct
		SINTRA i 16V
		SPEEDSTER Turbo
		VECTRA A (86_,87_) D
		A (86_,87_) i 16V
		A (86_,87_) i 16V 4x4
		A (86_,87_) i Turbo 4x4
		A (86_,87_) 2000 16V 4x4
		A (86_,87_) 2000/GT 16V
		A (86_,87_) 2000/GT 16V 4x4 CAT
		A (86_,87_) 2000/GT 16V CAT
		A Hatchback (88_,89_) i 16V
		A Hatchback (88_,89_) i 16V CAT
		B (36_) i 16V
		B Estate (31_) i 16V
		B Hatchback (38_) i 16V
		C 16V Turbo
		C 16V
		C direct
		C Estate Turbo
		C Estate direct
		C GTS 16V Turbo
		C GTS 16V
		C GTS direct
		ZAFIRA (A05)
		(F75) OPC
		(F75_) 16V

NUMBER OF TOOTH (25)

Φ62.29mm







OPEL

PART NO.	APPLICATION GUIDE	
GWO-19A 1334069 1334115 1334155 6334008 6334038 93179364 93182041 97114682 97220278 R1160036 VAUXHALL 97114682 97220278 R1160036 ISUZU 8-97114682-0 FIAT 71737987	92-98 1686 91-98 1686 91-98 1686 00-04 1686 00-05 1686 00-05 1686 94-01 1686 96-00 1686 99-00 1686 90-95 1686 95-98 1686 96-97 1686 95-98 1686	OPEL ASTRA F(56,57)1.7TDS OPEL ASTRA F Estate(51,52)1.7TDS OPEL ASTRA F Hatchback(53,54,58,59)1.7TDS OPEL ASTRA G Estate(F35)1.7DTI 16V OPEL ASTRA G Hatchback(F48,F08)1.7DTI 16V OPEL ASTRA G Saloon(F69)1.7DTI 16V OPEL COMBO(71) 1.7D OPEL CORSA B (73,78,79) 1.7D OPEL CORSA B BOX(73) 1.7D OPEL VECTRA A Hatchback(88,89)1.7DTI OPEL VECTRA B (36)1.7TD OPEL VECTRA B Estate(31)1.7TD OPEL VECTRA B Hatchback(38)1.7TD
<u>DISCONTINUED</u>		<u>GWO-03A(1334058,90292375)</u> <u>GWO-04A(1334072,90108735)</u> <u>GWO-06A(1334071,90091035)</u> <u>GWO-07A(1334081,90136224)</u>



PEUGEOT

PART NO.	APPLICATION GUIDE		
GWP-01A 1202-12/36 1202-48/59 1202-60/84	60-77 63-68 63-71 68-71 71 71-86 87-89	1600 1800 2000	404,504 (SHAFT 137.49mm) (disengaged fan) 404 404 GT 404 Convertible 504 (A_,M_) (A01,A03) 504 (A_,M_) Injection (A02) 504 Break (D_,F_) (F01,E01) 504 Break (D_,F_) (D11,F11) 504 Pickup (E_) 
GWP-02A 1201-23 1202-44 1202-90 12029	63-71 66- 71	1600	404 diesel (fixed fan) 404 404 GT 
GWP-04A 1202-69 1202-76 1202-83 1201-78 1202-72	63-68 63-71 68-71 71 71-83 71-86 77-78 80-82 80-89 82-84	1600 1800 2000	504 from chasis #2376843 (conventional fan) 404 404 GT 404 Convertible 504 (A_,M_) (A01,A03) 504 (A_,M_) (M03) 504 (A_,M_) Injection (A02) 504 (A_,M_) (A1,A13,MY1,MY3) 504 (A_,M_) TI (A12,A14) 504 Break (D_,F_) (F01,E01) 504 Break (D_,F_) (D01,F01) 504 Convertible 504 Coupe 504 Pickup (E_) 505 (551A) 
GWP-05A 1202-61 1202-70 1202-71 1201-79 12027	63-68 63-71 68-71 71 71-83 71-86 74-82 74-84 77-78 80-82 80-89	1600 1800 2000	504 from chasis #2376843 (disengaged fan) 404,404 GT,404 Convertible 504 (A_,M_) (A01,A03) 504 (A_,M_) (M03) 504 (A_,M_) Injection (A02) 504 (A_,M_) (A1,A13,MY1,MY3) 504 (A_,M_) TI (A12,A14) 504 Break (D_,F_) (F01,E01) 504 Break (D_,F_) (D01,F01) 504 Convertible,504 Coupe 504 Pickup (E_) 505 (551A) 

PEUGEOT

PART NO.	APPLICATION GUIDE		
GWP-06A 1202-82 1202-97 1201-31 1201-89	68-71 71-83 71-86 74-84 79-86 80-89 80-91 82-87	1600 1800 2000	504,505 (disengaged fan) from chasis #3061638 504 (A_,M_) (A01,A03) , (M03) 504 (A_,M_) Injection (A02) 504 (A_,M_) (A1,A13,MY1,MY3) 504 (A_,M_) TI (A12,A14) 504 Break (D_,F_) (F01,E01) , (D01,F01) 504 Convertible 504 Coupe 504 Pickup (E_) 505 (551A) 505 (551A) TI,STI 505 Break (551D)
GWP-07A 1202-98 1201-90 12019	68-71 71-83 71-86 74-84 80-89 80-91 82-87	1600 1800 2000	504,505 (fixed fan) from chasis #3061638 504 (A_,M_) (A01,A03) , (M03) 504 (A_,M_) Injection (A02) 504 (A_,M_) (A1,A13,MY1,MY3) 504 (A_,M_) TI (A12,A14) 504 Break (D_,F_) (F01,E01) 504 Break (D_,F_) (D01,F01) 504 Convertible 504 Coupe 504 Pickup (E_) 505 (551A) 505 Break (551D)
GWP-08AP 1202-58 7901120258 1201-69	72- 72-88 73-88 77- 79- 83-87 86-88 87-98 88-89 91-96	900 1000 1100 1200 1400	PEUGEOT 104 (RENAULT 14 R1210) (CITROEN VISA SUPER 1124cc) (SIMCA TALBOT) 104 104 Coupe 106 I (1A,1C) 205 Box 205 I (741A/C) 205 I Convertible (741B,20D) C.J 205 I Convertible (741B,20D) CT 205 II (20A/C)
GWP-09A 1204-C4	98-		206 1.9D/2.0 (DW10TD/D8) 306 1.9D/2.0 405 607



PEUGEOT

PART NO.	APPLICATION GUIDE		
GWP-10A			
1201-52	83-90	1700	306 1.8D(XUD7)
1201-65	84-96	1800	405 2.0(XU10)
1201-67	87-98	1900	605 2.0D
1201-91	89-95	2000	205 II (20A/C) Diesel
1201-A4	89-99	2100	205 II (20A/C) XDT
9567521488	91-99		205 Box Diesel
	92-95		205 Box D
	92-96		306 (7B,N3,N5) D
	93-01		306 (7B,N3,N5) SLD
	94		306 (7B,N3,N5) SRDT
	94-01		306 (7B,N3,N5) S16
	94-02		306 (7B,N3,N5) ST
	94-95		306 Break (7E,N3,N5) D
	95-02		306 Break (7E,N3,N5) TD
	96		306 Convertible (7D,N3,N5)
	96-02		306 Hatchback (7A,7C,N3,N5) D
	96-04		306 Hatchback (7A,7C,N3,N5) DT
	96-98		306 Hatchback (7A,7C,N3,N5) S16
	97-02		306 Hatchback (7A,7C,N3,N5) Xsi
	98-01		405 II (4B) D
	02		405 II (4B) TD
			405 II (4B)
			405 II (4B) X4
			405 II (4B) 16V
			405 II (4B) MI-16
			405 II (4B) T 16 X4
			405 II Break (4E) D
			405 II Break (4E) TD
			405 II Break (4E)
			405 II Break (4E) 4x4
			406 (8B) D
			406 (8B) TD
			406 (8B) Turbo
			406 Break (8E/F) D
			406 Break (8E/F) TD
			406 Break (8E/F) Turbo
			605 (6B)
			605 (6B) Turbo
			605 (6B) D
			806 (221) TD
			806 (221)
			806 (221) Turbo
			BOXER Box (230L) D
			BOXER Box (230L) TD
			BOXER Box (230L) i
			BOXER Box (230L)
			BOXER Bus (230P) D
			BOXER Bus (230P) TD
			BOXER Bus (230P) TD 4x4
			BOXER Bus (230P) i
			BOXER Bus (230P) I 4x4
			BOXER Bus (244,Z_)
			BOXER Flatbed/Chassis (ZCT_) TD
			BOXER Flatbed/Chassis (ZCT_) i
			EXPERT (224) D
			EXPERT (224) TD
			EXPERT Box (222) D
			EXPERT Box (222) TD
			EXPERT Flatbed/Chassis (223) D
			EXPERT Flatbed/Chassis (223) TD
			PARTNER Box (5) D
			PARTNER Combispace (5F) D





PEUGEOT

PART NO.	APPLICATION GUIDE		
GWP-11A			
1201-58	86-88	1000	106 (TU3J2/Z,TU5JP2,TM5)
1201-E4	87-93	1100	205 1.4i(TU3)
1207-25	87-98	1300	206 1.6(TU5)
1201-E6	89	1400	106 I (1A,1C)
210106F900	89-93	1500	106 I (1A,1C) D
210106F906	91-94	1600	106 II (1) D
210106F907	91-96		106 II (1) i
2108120725	92-95		106 II (1) S16
9608120725	92-96		106 II (1) Electric
	93-01		205 I Convertible (741B,20D) C.J
	94-00		205 I Convertible (741B,20D) CT
	94-96		205 II (20A/C)
	96		205 II (20A/C) CAT
	96-00		206 CC (2D) 16V
	96-02		206 Hatchback (2A/C) 16V
	96-04		206 Hatchback (2A/C) i
	97-02		206 Saloon 16V
	98-00		206 SW (2E/K) 16V
	00		306 (7B,N3,N5)
	00-01		306 (7B,N3,N5) SR
	02		306 Break (7E,N3,N5)
	07		306 Convertible (7D,N3,N5)
			306 Hatchback (7A,7C,N3,N5)
			309 I (10C,10A)
			309 II (3C,3A)
			405 II (4B)
			405 II Break (4E)
			PARTNER Box (5)
			PARTNER Combispace (5F)
GWP-12A			
1201-48	82-88	1600	205 1.8D(XUD7),1.9D(XUD9)
1201-51	83-87	1700	305 1.8D/1.9D
1201-60	84-88	1800	306 1.7D/1.8D/1.9D
1201-62	86-89	1900	205 Box Diesel
12016	87-98		205 I (741A/C) Diesel
95641149	88-92		205 II (20A/C) Diesel
95655209	88-93		205 II (20A/C) XDT
	89-93		305 II (581M)
	90		305 II (581M) D
	90-97		305 II Break (581E)
	92-95		305 II Break (581E) Diesel
	92-96		306 Hatchback (7A,7C,N3,N5) D
	93-01		309 I (10C,10A) D
	94		309 II (3C,3A) Diesel
			405 I (15B) Turbo Diesel
			405 I (15B) Diesel
			405 I Break (15E) TD
			405 I Break (15E) D
			405 II (4B) D
			405 II (4B) TD
			405 II Break (4E) D
			405 II Break (4E) TD
			J5 Box (290L) D
			J5 Bus (290L) D
			J5 Flatbed/Chassis (290L) D



PEUGEOT

PART NO.		APPLICATION GUIDE		
GWP-13A 1201-50 1201-61 12015 95625017 95655208 95656567 9565656788	84-87	1600	205 1.6(XU5),1.9(XU9)	
	86-94	1800	205 I (741A/C) GTI	
	87-92	1900	205 I Convertible (741B,20D) CJ	
	87-94		205 I Convertible (741B,20D) CTI	
	87-98		205 II (20A/C)	
	88-92		205 II (20A/C) Aut.	
	89-93		205 II (20A/C) GTI	
	90-98		205 II (20A/C) GTI CAT	
	92-94		306 (7B,N3,N5) ST	
	92-95		306 Break (7E,N3,N5)	
	92-96		306 Convertible (7D,N3,N5)	
	93-01		306 Hatchback (7A,N3,N5)	
	94-		309 II (3C,3A)	
	94-01		309 II (3C,3A) GTI	
	94-02		309 II (3C,3A) GTI 16V	
	95-02		405 I (15B)	
	95-04		405 I (15B) 4x4	
	96-00		405 I (15B) Injection	
	97		405 I (15B) Sport MI-16	
	97-02		405 I (15B) Sport MI-16 4x4	
	97-04		405 I Break (15E)	
			405 I Break (15E) 4x4	
			405 I Break (15E) SRi	
			405 II (4B)	
			405 II Break (4E)	
			406 (8B)	
			406 Break (8E/F)	
			806 (221)	
			EXPERT (224)	
			EXPERT Box (222)	
			PARTNER Combispace (5F)	
				
	GWP-14A 1201G0	96.05-	1100	106 II
02.06-		1400	206 HATCHBACK	HFZ
	08.02-		207 SW	KDX
			306 HATCHBACK	HDZ
			BIPPER	KFW
			PARTNER	
				
<u>DISCONTINUED</u>			<u>GWP-03A (1201-15, 1202-13, 1202-37)</u>	



RENAULT

PART NO.	APPLICATION GUIDE	
GWR-01A* 7701-452-155/459-435 7701-457-416/5 7701-502-962/3 7701-533-130/538-074 7701-457-415 7701-457-416 7701-459-435 7701-502-962 7701-502-963 7702-001-510 W/HOUSING NO.	65- 69-80 70-80 -72 72-80 84-	1300 R12L,TL,TS,TA (R1170) R15TL (R1300) DACIA 1400 12 (1170) 12 TS (1177,1337) 12 Variable (117_)(1170) 15 (130_)(1300)
GWR-02A* 7701-452-781/2 7701-457-595/771 7701-461-173 7701-452-782 7701-467-546 W/HOUSING NO.	61-71 62-88 66-88 68-77 71-81 83-89	800 R4,R4L,(R1123,R1126) R6L (R1180) 4 (112_)(1123) 4 Box (R21_,R23_)(2106) 4 Box (R21_,R23_)(2391) RODEO 4
GWR-03A 7701-455-972/457-671 7701-463-014/505-397 7700-575-623 7701-455-720 7701-512-202 7702-039-671	71-80 72-85 73-81 -75 75- 76-89 77-81 77-85 79-84 82-84 86-90	1000 1100 1300 1400 R5TL 950cc,R5TS 1300cc R6,R6TL 1100cc 4 (112_)(1128,S128) 4 Box (R21_,R23)(2370,210B, 239B) 5 (122_)(1222,1392, 1227,1397, 1225, 1224, 1394, 1395, 1229,1399) 5 (122_) Automatik (1225,1395) 5 (122_) Alpine A5(1223) 5 (122_) Alpine Turbo (122B) 5 (122_) Automatik (1229,1399) 6 (118_) RODEO 6
GWR-06A 7701-462-809 7701-463-111 7701-463-397 7701-464-736 7701-465-816 7701-466-578 7701-468-491 7701-473-365	82- 82-88 83-88 83-89 84-88 85-96 86-89 86-91 86-93 86-94 86-98 87-95 88-92 88-93	1600 1700 1800 1900 2000 2200 AMC ALLIANCE,ENCORE 1700cc eng. R5 1700cc SUPER,B408,C408,C409 eng. R5 1600cc DIESEL,B404,C404,S404 eng. R9 1700cc L42E,L42F,L42N eng. R9 1600cc DIESEL,L424,L426 eng. R11 1700cc B37F,B37L,B37N,C37E,C37F,C37N,C376 eng. R11 1600cc DIESEL,C374,S384 eng. R21 1700cc K78E,L48E,K48F,K481,K482 eng. EXPRESS,EXTRA 1600cc DIESEL eng. TRAFIC 1700cc 11 (B/C37_) D (B/C374) 11 (B/C37_) (B/C376, 37E, 37F, 37L, 37N) 19 I (B/C53_) (B/C53B, 53C) 19 I (B/C53_) 16V (B/C53D)



continued

RENAULT

PART NO.	APPLICATION GUIDE	
GWR-06A	89-92	19 I (B/C53_) D (B/C534,B/C53J)
	89-93	19 I Cabriolet (D53_)
	89-94	19 I Cabriolet (D53_) 16V (D53D)
	90-92	19 I Chamade (L53_) (L533, L53B, L53C, L53F)
	90-94	19 I Chamade (L53_) 16V (L53D)
	91-92	19 I Chamade (L53_) D (L534,L53J)
	91-96	19 I Chamade (L53_) TD (L53K)
	91-98	19 II (B/C53_) (B/C53B, 53C)
	92-94	19 II (B/C53_) (5/353A, 5/353F, B/C538, B/C53Y)
	92-95	19 II (B/C53_) 16V (B/C53D)
	92-96	19 II (B/C53_) D (B/C53J)
	93-01	19 II (B/C53_) dT (B/C53T)
	93-95	19 II Box (S53_) Dt
	94-98	19 II Cabriolet (D53_,853_) (D53C, D53V, D53Y, 853A, 853F)
	95-01	19 II Cabriolet (D53_,853_) 16V (D53D)
	95-98	19 II Chamade (L53_) (L533, L53B, L53C, L53V, L53Y, 453A/F, L538)
	95-99	
	96	19 II Chamade (L53_) 16V (L53D)
	96-00	19 II Chamade (L53_) D (L53J)
	96-01	19 II Chamade (L53_) dT (L53T)
	96-03	21 (B48_) (B48E, B48F)
	96-95	21 (B48_) D (B48H,B48I)
	96-99	21 (B48_) 4x4 (B48K)
	97	21 Estate (K48_) (K/S481, K/S482, K48E, K48M, K48N)
	97-01	21 Estate (K48_) (K48F) CAT
	97-99	21 Estate (K48_) D
	98	21 Saloon (L48_) (L481, L482, L48E, L48M, L48N, L48F)
	98-01	21 Saloon (L48_) D (L48H,L48I)
	98-02	9 (L42_) D (L424)
	98-05	9 (L42_) (L426, L42E, L42N, L42F, L42L)
	99	CLIO I (B/C57_,5/357_) (B/C57C, B/C57U)
	99-01	CLIO I (B/C57_,5/357_) 16V (C57D)
	99-02	CLIO I (B/C57_,5/357_) Rsi (B/C579)
	99-03	CLIO I (B/C57_,5/357_) Rsi (B/C57H)
	99-05	CLIO I (B/C57_,5/357_) D (B/C/S576,B/C/S57L)
	00	CLIO I (B/C57_,5/357_) Williams (B/C57M)
	00-01	CLIO II (BB0/1/2_,CB0/1/2_) D (B/CB0E, B/CB0J)
	00-03	CLIO II (BB0/1/2_,CB0/1/2_) dTi (B/CB0U)
	01	CLIO II (BB0/1/2_,CB0/1/2_) 16V Sport
	01-03	CLIO II (BB0/1/2_,CB0/1/2_) 16V Sport (CB0M)
	02	CLIO II Box (SB0/1/2_) D (SB0E,SB0R)
	02-03	ESPACE III (JE0_) dTi (JE0M)
	03	ESPACE III (JE0_) (JE0A)
	04	ESPACE III (JE0_) 16V (JE0N,JE0L,JE02)
		KANGOO (KC0/1_) dCi 4x4
		KANGOO (KC0/1_) dCi 4x4 (KC0V)
		KANGOO (KC0/1_) dTi (KC0U)
		KANGOO (KC0/1_) D 55 (KC0D)
		KANGOO (KC0/1_) D 65 (KC0E,KC02,KC0J,KC0N)
		KANGOO Express (FC0/1_) dCi (FC0V)
		KANGOO Express (FC0/1_) dCi 4x4 (FC0V)
		KANGOO Express (FC0/1_) dTi (FC0U)
		KANGOO Express (FC0/1_) D55 (FC0D)
		KANGOO Express (FC0/1_) D65 (FC0E,FC02,FC0J,FC0N)
		LAGUNA (B56_,556_) (B56A/B, B56S/T/0, B56Z, B56C/H/N)
		LAGUNA (B56_,556_) 16V (B563,B564, 556A/B)
		LAGUNA (B56_,556_) dCi (B56W)
		LAGUNA (B56_,556_) dTi (B56J)
		LAGUNA (B56_,556_) dT (B569)
		LAGUNA Grandtour (K56_) (K56S/T/0, K56Z, K56C/H)
		LAGUNA Grandtour (K56_) 16V (K563,K564)
		LAGUNA Grandtour (K56_) dCi (K56W)



continued

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PART NO.	APPLICATION GUIDE
GWR-06A	<p>LAGUNA Grandtour (K56_) dTi (K56J)</p> <p>MASTER II Box (FD) dTi</p> <p>MASTER II Bus (JD/ND) dTi, dCi 80</p> <p>MEGANE I (BA0/1_) D Eco (B/SA0U,BA0A)</p> <p>MEGANE I (BA0/1_) dT (B/SA0K,B/SA0Y)</p> <p>MEGANE I (BA0/1_) dTi (BA08,BA0N, BA1U)</p> <p>MEGANE I (BA0/1_) TDI</p> <p>MEGANE I (BA0/1_) 16V (BA0H)</p> <p>MEGANE I (BA0/1_) i</p> <p>MEGANE I (BA0/1_) i (BA0G)</p> <p>MEGANE I Cabriolet (EA0/1_) 16V</p> <p>MEGANE I Cabriolet (EA0/1_) (EA0G)</p> <p>MEGANE I Cabriolet (EA0/1_) 16V (EA0H)</p> <p>MEGANE I Cabriolet (EA0/1_) 16V IDE (EA03,EA0P,EA14)</p> <p>MEGANE I Cabriolet (EA0/1_) I (EA0G)</p> <p>MEGANE I Classic (LA0/1_) 16V (LA06,LA12,LA1A,LA1M,LA1R)</p> <p>MEGANE I Classic (LA0/1_) D (LA0U)</p> <p>MEGANE I Classic (LA0/1_) dCi (LA05,LA1F)</p> <p>MEGANE I Classic (LA0/1_) dT (LA0K,LA0Y)</p> <p>MEGANE I Classic (LA0/1_) dTi (LA08,LA0N, LA1U)</p> <p>MEGANE I Classic (LA0/1_) TDI</p> <p>MEGANE I Classic (LA0/1_) i</p> <p>MEGANE I Classic (LA0/1_) i (LA07,LA0G)</p> <p>MEGANE I Coach (DA0/1_) dCi (DA05,DA1F)</p> <p>MEGANE I Coach (DA0/1_) dTi (DA0N)</p> <p>MEGANE I Coach (DA0/1_) 16V</p> <p>MEGANE I Coach (DA0/1_) 16V (DA0H)</p> <p>MEGANE I Coach (DA0/1_) 16V IDE (DA03,DA0P,DA14)</p> <p>MEGANE I Coach (DA0/1_) i (DA0G)</p> <p>MEGANE I Grandtour (KA0/1_) 16V (KA0S,KA12,KA1A,KA1M, KA1R)</p> <p>MEGANE I Grandtour (KA0/1_) D (KA0J,KA0R)</p> <p>MEGANE I Grandtour (KA0/1_) dCi (KA05,KA1F)</p> <p>MEGANE I Grandtour (KA0/1_) dTi (KA0N, KA0U)</p> <p>MEGANE Scenic (JA0/1_) D (JA0J)</p> <p>MEGANE Scenic (JA0/1_) dT (JA0K,JA0Y)</p> <p>MEGANE Scenic (JA0/1_) dTi (JA0N)</p> <p>MEGANE Scenic (JA0/1_) i (JAGJ)</p> <p>RAPID Box (F40_,G40_) D (F404, F40R)</p> <p>SCENIC I (JA0/1_) 16V (JA12,JA1R,JA1M,JA1A, JA1B,JA1D)</p> <p>SCENIC I (JA0/1_) dCi (JA05,JA1F)</p> <p>SCENIC I (JA0/1_) dCi RX4</p> <p>SCENIC I (JA0/1_) dTi (JA0N, JA1U)</p> <p>SCENIC I (JA0/1_) 16V IDE</p> <p>SCENIC I (JA0/1_) 16V RX4</p> <p>SPORT SPIDER (EF0_) 16V</p> <p>SUPER 5 (B/C40_) D (B/C/404)</p> <p>SUPER 5 (B/C40_) (B/C408)</p> <p>SUPER 5 (B/C40_) (B/C40K,B/C40G)</p> <p>SUPER 5 (B/C40_) I (C409)</p> <p>TRAFIC Box (T1,T3,T4)</p> <p>TRAFIC Box (TXX)</p> <p>TRAFIC Box (TXX) D</p> <p>TRAFIC Bus (T5,T6,T7)</p> <p>TRAFIC Bus (TXW)</p> <p>TRAFIC Bus (TXW) D</p> <p>TRAFIC Flatbed/hassis (P6)</p> <p>TRAFIC Flatbed/hassis (PXX)</p>



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PART NO.	APPLICATION GUIDE		
GWR-10A 7701-462-491 7701-462-145	72-85 1000 77-81 1100 80-85 1200 81-85 1400 81-88 82-84 83-85 83-88 84-86 84-88 84-95 85-90 85-96 85-98 86-89 86-92 88-92 88-98 89 89-92 92-95	72-85 1000 77-81 1100 80-85 1200 81-85 1400 81-88 82-84 83-85 83-88 84-86 84-88 84-95 85-90 85-96 85-98 86-89 86-92 88-92 88-98 89 89-92 92-95	ALIANCE,ESCORE (AMC) 4cyl 1400cc 11 (B/C37_) (B/C371, B/C37S, B/C372,B/C37C, B/C373, B/C37R) 11 (B/C37_) Turbo (B/C375) 19 I (B/C53_) 19 I (B/C53_) (B/C532) CAT 19 I (B/C53_) (B/C53P) 19 I Chamade (L53_) (L532,L53P) 19 II (B/C53_) (B/C532) 19 II Chamade (L53_) (532) 5 (122_) (1222,1392, 1229,1399) 5 (122_) Alpine A5 (1223) 5 (122_) Automatik (1229,1399) 5 (122_) Turbo (8220) 9 (L42_) (L421, L42S, L422,L42C, L423, L42R) 9 (L42_) Automatik (L423) 9 (L42_) Turbo 9 (L42_) Turbo (L425) RAPID Box (F40_,G40_) RAPID Box (F40_,G40_) (F406,G40A, F402, F40M) RAPID Box (F40_,G40_) (F407) CAT SUPER 5 (B/C40_) (B/C400, B/C401, B/C40H, B/C402, B/C403, B/C40J, B/C40M) SUPER 5 (B/C40_) (B/C407) CAT SUPER 5 (B/C40_) Turbo (C405, C406)
GWR-11A 7701-462-145 7701463377 7701466419 7701462145	83- 1100 1400	83- 1100 1400	R11
GWR-12A 7701-464-736/465-816 7701-466-578 3344827.5 FWP1409 QCP1226 30855991 3287751 7701463111 7701468491 7701473365	82-88 1600 83-88 1700 84-88 1800 85-96 1900 86-89 2000 86-91 2200 86-93 86-94 86-95 86-98 88-92 88-93 89-92 89-93 89-94 90-92 90-94 91-92 91-96 91-98 92-94 92-95	82-88 1600 83-88 1700 84-88 1800 85-96 1900 86-89 2000 86-91 2200 86-93 86-94 86-95 86-98 88-92 88-93 89-92 89-93 89-94 90-92 90-94 91-92 91-96 91-98 92-94 92-95	RENAULT(CLIO,EXPRESS,EXTRA,LAGUNA,R19,R21, RAPID,TRAFIC) VOLVO(440,460,480) 11 (B/C37_) D (B/C374) 11 (B/C37_) (B/C376, B/C37D, B/C37E, B/C37F, B/C37L, B/C37N) 19 I (B/C53_) (B/C53B, B/C53C) 19 I (B/C53_) 16V (B/C53D) 19 I (B/C53_) D (B/C534,B/C53J) 19 I Cabriolet (D53_) 19 I Cabriolet (D53_) 16V (D53D) 19 I Chamade (L53_) (L533, L53B, L53C, L53F) 19 I Chamade (L53_) 16V (L53D) 19 I Chamade (L53_) D (L534,L53J) 19 I Chamade (L53_) TD (L53K) 19 II (B/C53_) (B/C53B, B/C53C, 5/353A, 5/353F,B/C538, B/C53Y) 19 II (B/C53_) 16V (B/C53D) 19 II (B/C53_) D (B/C53J) 19 II (B/C53_) dT (B/C53T) 19 II Box (S53_) Dt 19 II Cabriolet (D53_,853_) (D53C, 853A, D53V,853F,D53C, D53Y) 19 II Cabriolet (D53_,853_) 16V (D53D)



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PART NO.	APPLICATION GUIDE	
GWR-12A	<p>92-96 93-01 93-98 94-98 95-01 95-99 96 96-01 96-02 96-03 96-99 97 97-01 97-99 98 98-01 98-02 98-05 99 99-01 99-02 99-03 99-05 00 00-03 01 01-03 02 02-03 03 04</p>	<p>19 II Chamade (L53_) (L533, L53B, L53C, 453A/F, L538, L53V, L53Y) 19 II Chamade (L53_) 16V (L53D) 19 II Chamade (L53_) D (L53J) 19 II Chamade (L53_) 19dT (L53T) 21 (B48_) (B48E, B48F) 21 (B48_) D (B48H,B48I) 21 (B48_) 4x4 (B48K) 21 Estate (K48_) (K/S481, K/S482, K48E, K48M, K48N) 21 Estate (K48_) (K48F) CAT 21 Estate (K48_) D 21 Saloon (L48_) (L481, L482, L48E, L48F, L48M,L48N) 21 Saloon (L48_) D (L48H,L48I) 9 (L42_) D (L424) 9 (L42_) (L426, L42E, L42F, L42L, L42N) CLIO I (B/C57_,5/357_) (B/C578, B/C57C,B/C57U) CLIO I (B/C57_,5/357_) 16V (C57D) CLIO I (B/C57_,5/357_) Rsi (B/C579, B/C57H) CLIO I (B/C57_,5/357_) D (B/C/S576,B/C/S57L) CLIO I (B/C57_,5/357_) Williams (B/C57M) CLIO II (BB0/1/2_,CB0/1/2_) D (B/CB0E, B/CB0J) CLIO II (BB0/1/2_,CB0/1/2_) dTi (B/CB0U) CLIO II (BB0/1/2_,CB0/1/2_) 16V Sport CLIO II (BB0/1/2_,CB0/1/2_) 16V Sport (CB0M) CLIO II Box (SB0/1/2_) D (SB0E,SB0R) ESPACE III(JE0_) dTi (JE0M) ESPACE III(JE0_) (JE0A) ESPACE III(JE0_) 16V (JE0N,JE0L,JE02) KANGOO (KC0/1_) dCi 4x4 KANGOO (KC0/1_) dCi 4x4 (KC0V) KANGOO (KC0/1_) dTi (KC0U) KANGOO (KC0/1_) D 55 (KC0D) KANGOO (KC0/1_) D 65 (KC0E,KC02,KC0J,KC0N) KANGOO Express (FC0/1_) dCi (FC0V) KANGOO Express (FC0/1_) dCi 4x4 (FC0V) KANGOO Express (FC0/1_) dTi (FC0U) KANGOO Express (FC0/1_) D 55(FC0D) KANGOO Express (FC0/1_) D 65(FC0E,FC02,FC0J,FC0N) LAGUNA (B56_,556_) (B56A/B, B56S/T/0, B56Z, B56C/H/N) LAGUNA (B56_,556_) 16V (B56B,B564, 556A/B) LAGUNA (B56_,556_) dCi (B56W) LAGUNA (B56_,556_) dTi (B56J) LAGUNA (B56_,556_) dT (B569) LAGUNA Grandtour (K56_) (K56S/T/0, K56Z, K56C/H) LAGUNA Grandtour (K56_) 16V (K563,K564) LAGUNA Grandtour (K56_) dCi (K56W) LAGUNA Grandtour (K56_) dTi (K56J) MASTER II Box (FD) dTi MASTER II Box (JD/ND) dCi 80 MASTER II Box (JD/ND) dTi MEGANE I (BA0/1_) 16V (BA06,BA12,BA1A,BA1M,BA1R) MEGANE I (BA0/1_) D Eco (B/SA0U) MEGANE I (BA0/1_) dCi (BA05,BA1F) MEGANE I (BA0/1_) dT (B/SA0K,B/SA0Y) MEGANE I (BA0/1_) dTi (BA08,BA0N, BA1U) MEGANE I (BA0/1_) TDI MEGANE I (BA0/1_) 16V (BA0H) MEGANE I (BA0/1_) i MEGANE I (BA0/1_) I (BA0G) MEGANE I Cabriolet (EA0/1_) (EA0G) MEGANE I Cabriolet (EA0/1_) 16V MEGANE I Cabriolet (EA0/1_) 16V (EA0H)</p>





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PART NO.		APPLICATION GUIDE	
GWR-12A		<p>MEGANE I Cabriolet (EA0/1_) 16V IDE (EA03,EA0P,EA14)</p> <p>MEGANE I Cabriolet (EA0/1_) i (EA0G)</p> <p>MEGANE 1 Classic (LA0/1_) 16V (LA06,LA12,LA1A,LA1M,LA1R)</p> <p>MEGANE 1 Classic (LA0/1_) D (LA0A,LA0U)</p> <p>MEGANE 1 Classic (LA0/1_) dCi (LA05,LA1F)</p> <p>MEGANE 1 Classic (LA0/1_) dT (LA0K,LA0Y)</p> <p>MEGANE 1 Classic (LA0/1_) dTi (LA08,LA0N, LA1U)</p> <p>MEGANE 1 Classic (LA0/1_) TDI</p> <p>MEGANE 1 Classic (LA0/1_) i</p> <p>MEGANE 1 Classic (LA0/1_) I (LA07,LA0G)</p> <p>MEGANE 1 Coach (DA0/1_) dCi (DA05,DA1F)</p> <p>MEGANE 1 Coach (DA0/1_) dTi (DA0N)</p> <p>MEGANE 1 Coach (DA0/1_) 16V</p> <p>MEGANE 1 Coach (DA0/1_) 16V (DA0H)</p> <p>MEGANE 1 Coach (DA0/1_) 16V IDE (DA03,DA0P,DA14)</p> <p>MEGANE 1 Coach (DA0/1_) i</p> <p>MEGANE 1 Coach (DA0/1_) i (DA0G)</p> <p>MEGANE I Grandtour (KA0/1_) 16V (KA0S,KA12,KA1A,KA1M,KA1R)</p> <p>MEGANE I Grandtour (KA0/1_) D (KA0J,KA0R)</p> <p>MEGANE I Grandtour (KA0/1_) dCi (KA05,KA1F)</p> <p>MEGANE I Grandtour (KA0/1_) dTi (KA0N, KA1U)</p> <p>MEGANE Scenic (FA0/1_) D (JA0J)</p> <p>MEGANE Scenic (FA0/1_) dT (JA0K,JA0Y)</p> <p>MEGANE Scenic (FA0/1_) dTi (JA0N)</p> <p>MEGANE Scenic (FA0/1_) i (JA0G)</p> <p>PAPID Box (F40_,G40_) D (F404, F40R)</p> <p>SCENIC I (JA0/1_) 16V (JA12,JA1R,JA1M,JA1A)</p> <p>SCENIC I (JA0/1_) dCi (JA05,JA1F)</p> <p>SCENIC I (JA0/1_) dCi RX4</p> <p>SCENIC I (JA0/1_) dTi (JA0N, JA1U)</p> <p>SCENIC I (JA0/1_) 16V (JA1B,JA1D)</p> <p>SCENIC I (JA0/1_) 16V IDE</p> <p>SCENIC I (JA0/1_) 16V RX4</p> <p>SPORT SPIDER (EF0_) 16V</p> <p>SUPER 5 (B/C40_) D (B/C/404)</p> <p>SUPER 5 (B/C40_) (B/C408, B/C40K,B/C40G)</p> <p>SUPER 5 (B/C40_) i (C409)</p> <p>TRAFIC Box (T1,T3,T4)</p> <p>TRAFIC Box (TXX)</p> <p>TRAFIC Box (TXX) D</p> <p>TRAFIC Bus (T5,T6,T7)</p> <p>TRAFIC Bus (TXW)</p> <p>TRAFIC Bus (TXW) D</p> <p>TRAFIC Flatbed/Chassis (P6, PXX)</p>	
			
GWR-13A	01.03- 1800 02.11- 2000	AVANTIME ESPACE LAGUNA MEGANE II TRAFIC II	F4R F9Q F4P
7701472182			



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PART NO.		APPLICATION GUIDE		
GWR-14A 7701.478.018. 7700861686 7701478018 8200146298	1390	DACIA LOGAN(LS)1.4(LSOA,LSOC,LSOE,LSOG)	(04.09-)	
	1390	DACIA LOGAN(LS)1.4MPI LPG(LS0C)	(06.02-)	
	1598	DACIA LOGAN(LS)1.6(LSOB,LSOD,LSOF,LSOH)	(04.09-)	
	1390	DACIA LOGAN EXPRESS(FS)1.4	(09.03-)	
	1598	DACIA LOGAN EXPRESS(FS)1.6	(09.03-)	
	1390	DACIA LOGAN MCV(KS)1.4	(07.02-)	
	1598	DACIA LOGAN MCV(KS)1.6	(07.02-)	
	1598	DACIA LOGAN MCV(KS)1.6 Bifuel	(08.11-)	
	1390	DACIA LOGAN Pickup(US)1.4	(09.01-)	
	1598	DACIA LOGAN Pickup(US)1.6	(08.03-)	
	1390	DACIA SANDERO 1.4	(08.06-)	
	1390	DACIA SANDERO 1.4 MPI LPG	(09.01-)	
	1598	DACIA SANDERO 1.6	(08.06-)	
	1390	RENAU CLIO II (BR0/1/2,CB0/1/2)1.4(B/CB0C)	(98.09-05.05)	
	1598	RENAU CLIO II (BB0/1/2,CB0/1/2)1.6(B/CB0D)	(98.09-05.05)	
	1390	RENAU LOGAN(LS)1.4	(04.09-)	
	1598	RENAU LOGAN(LS)1.6	(04.09-)	
	1390	RENAU LOGAN Estate(KS)1.4	(07.10-)	
	1598	RENAU LOGAN Estate(KS)1.6	(07.04-)	
	1598	RENAU MEGANE I (BA0/1)1.6e(BA0F,BA0S)	(96.01-99.03)	
	1598	RENAU MEGANE I (BA0/1)1.6i (BA0L)	(96.01-99.03)	
	1598	RENAU MEGANE I Cabriolet(EA0/1)1.6e(EA0F)	(96.10-99.03)	
	1598	RENAU MEGANE I Classic (LA0/1)1.6e (LA0F,LA0S)	(96.09-99.03)	
	1598	RENAU MEGANE I Classic (LA0/1)1.6i (LA0L)	(96.09-99.03)	
	1598	RENAU MEGANE I Coach (DA0/1)1.6e (DA0F)	(96.03-99.03)	
	1598	RENAU MEGANE I Grandtour (KA0/1)1.6e (KA0F)	(99.03-03.08)	
	1598	RENAU MEGANE Scenic (JA0/1)1.6e (JA0F)	(97.01-99.09)	
	1598	RENAU MEGANE Scenic (JA0/1)1.6i (JA0L)	(97.01-99.09)	
				
	GWR-15A 8200146297 8200428447 8200582675 7700105176 7700105378 7700274330	1.6V K4	CLIO II (BBO/1/2,CBO1/2) 1.4 1.6	(98-04)
			III (BRO/1,CRO/1)	(05-)
			Grandtour(KR0/1)	(08-)
		FULENCE	1.6 16V(L301,F30F,L30P,L30R)	(10-)
KANGOO		(KC0/1_) 1.4 16V bivalent	(05-)	
		(KC0/1_) 1.4 16V 4x4	(01-)	
		Express(FC0/1_) 1.6 16V	(01-)	
		GRAND KANGOO(KW0/1) 1.6	(08-)	
		Express(FW0/1) 1.6 16V LPG	(08-)	
		BE BOP (KW0/1) 1.6 16V	(09-)	
				
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PART NO.	APPLICATION GUIDE			
GWR-15A 8200146297 8200428447 8200582675 7700105176 7700105378 7700274330	1.6V	K4	LAGUNA	I (B56_556_) 1.6 16V(B568,B561) (97-01)
				I Grandtour (K56) 1.6 16V (97-01)
				II (BG0/1_) 1.6 16V (01-)
				II Grandtour(KG0/1) 1.6 16V (05-)
				III(BT0/1_) 1.6 (07-)
				III Grandtour(KT0/1) 1.6 (07-)
			LOGAN	(LS_) 1.6 (07-)
				Estate(KS_) 1.6 (07-)
			MEGANE	I (BA0/1) 1.4 /1.6 16v (99-03)
				I Classic(LA0/1) 1.4/1.6 16V (99-03)
				I Grandtour(KA0/1) 1.4/1.6 16V (99-03)
				I Coach(DA0/1) 1.4/1.6 16V (99-03)
				I Cabriolet(EA0/1) 1.4/1.6 16V (99-03)
				Scenic(JA0/1) 1.6V (99-03)
				II (BM0/1_,CM0/1) 1.4/1.6 16V (02-)
				II Saloon(LM0/1)1.4 1.6 (02-)
				II Estate(KM0/1)1.4 1.6 (03-)
				II Coupe-Cabriolet(EM0/1) 1.6 (03-)
				III Hatchback(BZ0_) 1.6 (08-)
				III Saloon 1.6 16V (09-)
				III Grandtour(KZ0/1) 1.6 16V (08-)
				III Coupe(DZ0/1_) 1.6 16V (08-)
				CC(EZ0/1) 1.6 16V (10-)
			MODUS	(F/JP0_) 1.4 1.6 Hatchback (04-)
			SCENIC	I (JA0/1_) 1.4 1.6 (99-03)
				II (JM0/1_) 1.4 1.6 (03-)
				III(JZ0/1)1.6 16V (09-)
			THALIA	I (LB0/1/2_) 1.4 1.6 (00-)
			TWINGO	II (CN 0_) 1.6 RS (08-)
			WIND	(E4M) 1.6 (E4MB,E4MC) (10-)
			DACIA	
			DOKKER	Express 1.6 16v (12-)
			DUSTER	1.6 16V (10-)
			LODGY	1.6 (12-)
			SANDERO	1.6 MPI 85 (10-)
GWR-16A 7700274330 21010-1302R 21010-5296R	1.6V	K4 K7	CLIO	II (BBO/1/2,CBO1/2) 1.4 1.6 (98-04)
				III(BRO/1,CRO/1) (05-)
				Grandtour(KR0/1) (08-)
			FULENCE	1.6 16V(L301,F30F,L30P,L30R) (10-)
			KANGOO	(KC0/1_) 1.4 16V bivalent (05-)
				(KC0/1_) 1.4 16V 4x4 (01-)
				Express(FC0/1_) 1.6 16V (01-)
				GRAND KANGOO(KW0/1) 1.6 (08-)
				Express(FW0/1) 1.6 16V LPG (08-)
				BE BOP (KW0/1) 1.6 16V (09-)
			LAGUNA	I (B56_556_)1.6 16V(B568,B561) (97-01)
				I Grandtour (K56) 1.6 16V (97-01)
				II (BG0/1_) 1.6 16V (01-)
				II Grandtour(KG0/1) 1.6 16V (05-)
				III(BT0/1_) 1.6 (07-)
				III Grandtour(KT0/1) 1.6 (07-)
			LOGAN	(LS_) 1.6 (07-)
				Estate(KS_) 1.6 (07-)



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RENAULT








PART NO.	APPLICATION GUIDE		
GWR-16A 7700274330 21010-1302R 21010-5296R	1.6V K7	<div>MEGANE</div> <div>I (BA0/1) 1.4 /1.6 16v (99-03) I Classic(LA0/1) 1.4/1.6 16V (99-03) I Grandtour(KA0/1) 1.4/1.6 16V (99-03) I Coach(DA0/1) 1.4/1.6 16V (99-03) I Cabriolet(EA0/1) 1.4/1.6 16V (99-03) Scenic(JA0/1) 1.6V (99-03) II (BM0/1_,CM0/1) 1.4/1.6 16V (02-) II Saloon(LM0/1)1.4 1.6 (02-) II Estate(KM0/1)1.4 1.6 (03-) II Coupe-Cabriolet(EM0/1) 1.6 (03-) III Hatchback(BZ0_) 1.6 (08-) III Saloon 1.6 16V (09-) III Grandtour(KZ0/1) 1.6 16V (08-) III Coupe(DZ0/1_) 1.6 16V (08-) CC(EZ0/1) 1.6 16V (10-) <div>MODUS</div>(F/JP0_) 1.4 1.6 Hatchback (04-) <div>SCENIC</div>I (JA0/1_) 1.4 1.6 (99-03) II (JM0/1_) 1.4 1.6 (03-) III(JZ0/1)1.6 16V (09-) <div>THALIA</div>I (LB0/1/2_) 1.4 1.6 (00-) <div>TWINGO</div>II (CN 0_) 1.6 RS (08-) <div>WIND</div>(E4M) 1.6 (E4MB,E4MC) (10-)</div> <div>DACIA <div>DOKKER</div>Express 1.6 16v (12-) <div>DUSTER</div>1.6 16V (10-) <div>LODGY</div>1.6 (12-) <div>SANDERO</div>1.6 MPI 85 (10-)</div>	
			

SAAB


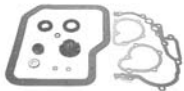



PART NO.	APPLICATION GUIDE		
GWSA-02A 30517582 7501547 7507460 8817900 9307893	72-74 2000 72-78 2100 74-84 76-78 77-80 78-79 78-88 78-91 79-80 80-88 80-90 80-91 81- 84-87 84-88 85-93 85-94 86-94 89-93 90-94 91-93 91-94 93-98		900 H eng 90 900 I (AC4,AM4) -16 900 I (AC4,AM4) C 900 I (AC4,AM4) EMS 900 I (AC4,AM4) i 900 I (AC4,AM4) S Turbo-16 900 I (AC4,AM4) Turbo 900 I (AC4,AM4) Turbo-16 900 I (AC4,AM4) Turbo-16 S 900 I (AC4,AM4) Turbo-16 S CAT 900 I Combi Coupe -16 900 I Combi Coupe C 900 I Combi Coupe EMS 900 I Combi Coupe i 900 I Combi Coupe Turbo 900 I Combi Coupe Turbo-16 900 I Combi Coupe Turbo-16 S 900 I Combi Coupe Turbo-16 S CAT 900 I Convertible -16 900 I Convertible S Turbo-16 900 I Convertible Turbo-16 900 I Convertible Turbo-16 S 900 II -16 Turbo 900 II Convertible -16 Turbo 900 II Convertible I 900 II Coupe -16 Turbo 900 II Coupe i 99 99 EMS 99 GL 99 Combi Coupe 99 Combi Coupe Turbo
GWSA-03A 8817918 9321670 4610176 4610192	84-93 2000 85- 85-88 85-93 88-98 89-93 89-98		9000,9000i,9000 TURBO 16 VALVE 9000 -16 9000 -16 Turbo 9000 -16 Turbo CD 9000 Hatchback -16 9000 Hatchback -16 CS 9000 Hatchback -16 Turbo 9000 Hatchback -16 Turbo CS
GWSA-04A 8821944 5958061 4770970	(94-95) 2500 (95-97) 3000 (99-03)		900 V6 9000 9-5








SUBARU

PART NO.	APPLICATION GUIDE				
GWSU-01A 31076-0100/20/10 31076-4300 31076-6100 31076-8100/10	EA61	1100	LEONE	A21/61	(72.01-73.12)
	EA64	1200	LEGACY	A22/64	(71.01-77.12)
	EA63	1400	ALCYONE	A25	(73.01-74.12)
	EA71	1600		A26/27	(75.01-77.12)
				A32	(77.01-79.12)
				A33/34	(77.01-79.12)
				A62	(72.01-79.12)
				A65	(74.01-79.12)
				A67	(75.01-79.12)
					
GWSU-03A 21110-AA060 41076-7100 41076-7300	EA81	1800	LEONE	AB4/B5/F5/M5/J5	(79.05-84.10)
			LEGACY		
			ALCYONE		
					
GWSU-04A 21110-AA050 41076-7000 41076-7200	EA65	1300	LEONE	AF1,AM1	(79.05-84.10)
	EA71	1600	LEGACY	AB2/F2/F3/M2/M3	(79.06-84.10)
			ALCYONE		
					
GWSU-05A 31076-4310 31076-8110			(GWSU-01A W/LARGER HEATER PIPE) FOR COLD COUNTRY		
GWSU-06A 21110-AA070 41076-7400	EA81	1800	LEONE	AB4/B5/F5/M5/J5	(79.05-84.10)
			LEGACY		
			ALCYONE		
					
GWSU-07RK 39745-2100		360 500 550 600	REX	K24/44/77/78/87/88	
			SAMBER		
					
					<u>IMPELLER SET</u>
GWSU-07RS 397452100 + OIL PAN PACKING	EK23	550	REX	K24(S,B),K44	(77.05-81.09)
			SAMBAR	K77/78/87/88	(77.05-82.09)
					
					<u>IMPELLER SET (OIL PAN PACKING)</u>





SUBARU

PART NO.	APPLICATION GUIDE					
GWSU-08RK 497092100	EK23 EK23T	550 550	REX SAMBAR	K24 KF1 KG2 KM1/M2/N1/N2	(78.03-81.09) (81.09-86.12) (87.02-89.06) (81.09-86.11)	
			REPAIR KIT			
GWSU-08RS	EK23 EK23T	550 550	REX SAMBAR	K24 KF1 KG2 KM1/M2/N1/N2	(78.03-81.09) (81.09-86.12) (87.02-89.06) (81.09-86.11)	
			REPAIR SET			
GWSU-09RNS 497092100 + OIL PAN PACKING	EK23	550	REX SAMBAR	KR1/R2/R6/T1/T2/T6	(82.08-90.03)	
			REPAIR SET (OIL PAN PACKING)			
GWSU-11A 21110-AA000/1/2/3	EA71	1600	LEONE LEGACY ALCYONE	AA2/3 AP2/3	(84.07-89.01) (84.10-89.01)	
GWSU-12A 21111-AA000/1/2/3/4/5 21111-AA006/7/11/33 X2111-AA030/1/2/3	EJ15 EJ16 EJ18 EJ20 EJ22 EJ25	1500 1600 1800 2000 2200 2500	FORESTER IMPREZA LEGACY LEGACY LANCASTER LEONE ALCYONE	GG3 GG9 BD2/3,BG3 GC4,GF3 BH5,BHC BH9/HC SG5 GF1 BG2,BCA BG7 BE5 BD4/D5,BG4/G5/GA BF7/FB,BE9 GC1,GC8 GD9 GC2,GF2,GC6,GF6 GF4,GF5 BH9 GC6,GF4/6 BH5 BC4/C5,BF5/FA GG2 BC2/3,BF3 GD2/3,GFA,GF8 SF5 BG7/GB,BH9,BC4/C5/F5/F5A SF9 BF4 BD4/D5/G4/G5	(00.02-07.06) (00.03-03.07) (00.03-04.04) (00.03-07.06) (00.05-03.04) (01.05-03.04) (01.11-05.01) (03.06-07.06) (89.02-93.09) (89.02-94.12) (90.05-98.11) (91.06-93.09) (92.06-93.09) (92.11-00.07) (92.11-94.08) (92.11-94.12) (92.11-96.08) (93.10-96.05) (93.10-96.08) (93.10-98.11) (94.06-98.11) (94.09-00.07) (96.01-01.04) (96.09-00.07) (97.06-02.01) (98.06-00.04) (98.08-02.01) (98.11-00.04) (99.05-03.04)	

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PART NO.	APPLICATION GUIDE			
GWSU-13A 21010-AA013/4/5/6 21110-AA012/3/4/6 21110-AA015/17	EA82 1800	LEONE AA4/A5/L5/G4/G5/G6/P5 LEGACY AA7 ALCYONE AL5,AL7 AP5	(84.06-94.12) (84.07-89.01) (84.10-89.01) (85.10-89.01)	
GWSU-14A 21110-AA022/3/5/6	EA82 1800	ALCYONE AA7/L7/X4/X7 LEONE AA4 LEGACY	(84.06-94.12) (84.07-86.09)	
GWSU-15A 21111-AA081 21111-AA240 X2111-AA080/1/2	EJ20 2000	FORESTER GGA IMPREZA GDB LEGACY GDA GGB SG5 BES BC5 BF5 GC8 GF8 BD5,BG5 SF5 BH5 BE5	(00.02-03.07) (00.03-02.09) (00.03-03.07) (00.04-02.09) (01.11-03.12) (02.11-03.04) (89.02-93.09) (89.10-93.09) (92.11-00.07) (92.11-00.07) (93.10-98.11) (97.02-02.01) (98.06-03.04) (98.11-03.04)	
GWSU-16A 21111-AA60/61/65 X2111-AA040/1/2	EJ20 2000	FORESTER GGA IMPREZA GDA LEGACY SG5 OUTBACK BC5,BF5 GF8 GC8,GF8 BD5,BG5 SF5 BH5 BE5	(00.02-03.07) (00.03-03.07) (01.11-03.12) (91.06-93.09) (93.10-00.07) (93.10-94.12) (93.10-98.11) (97.02-02.01) (98.06-03.04) (98.11-03.04)	
GWSU-17A 21111-KA032/42/43 21111-KA041/4/5/6/7 21111-KA070/1/2 21111-KA073/4/5/6 21111-KA130/1/2 21111-KA140/1/2 21111-KA190/1/2 21111-KA290/1/2	EN07 660	REX KS3/4,KV3/4 SAMBER TT1/2,TV1/2 SAMBER DIAS TW1 TW2	(90.03-98.12) (98.08-12.01) (99.05-09.08) (99.07-09.08)	








SUBARU

PART NO.	APPLICATION GUIDE			
<div>GWSU-18A 21111-KA050/1/2/3/4/5 21111-KA060/1 21111-KA110 21111-KA150/1/2/3/4 21111-KA160 21111-KA240 21111-KA280/1/2</div>	EN07	660	<div><div>PLEO</div><div>REX</div><div>SAMBAR</div><div>SUBARU R1</div><div>SUBARU R2</div><div>VIVIO</div><div></div><div></div><div></div><div></div><div></div></div> <div><div>RC1/2</div><div>RJ1/2</div><div>KH3/4,KP3/4</div><div>KK3/4,KW3/4</div><div>KY</div><div>KY3</div><div>RA1/2</div><div>RA2</div><div>RV2</div><div>RV1</div></div> <div><div>(03.10-12.01)</div><div>(05.06-07.05)</div><div>(90.03-94.12)</div><div>(92.03-98.09)</div><div>(93.05-94.12)</div><div>(93.05-95.09)</div><div>(98.04-08.08)</div><div>(98.04-08.08)</div><div>(98.06-12.01)</div><div>(98.07-12.01)</div></div> <div></div>	
<div>GWSU-19RK 497095400/G/P/K 197095400/G</div>	EK23	550	<div><div>REX</div><div>SAMBER</div><div></div><div></div><div></div><div></div></div> <div><div>KR2,KT2</div><div>KR1,KT1</div><div>KG1,KN1/2</div><div>KG2</div><div>KR5/6,KT6</div></div> <div><div>(82.09-87.08)</div><div>(82.09-90.04)</div><div>(86.11-89.06)</div><div>(87.02-89.06)</div><div>(87.09-90.04)</div></div> <div></div> <div>REPAIR KIT</div>	
<div>GWSU-20A 21111-KA092 21111-KA120/2/3/4 21111-KA230 21111-KA270/1</div>	EN07	660	<div><div>PLEO</div><div>STELLA</div><div>SUBARU R1</div><div>SUBARU R2</div><div>VIVIO</div><div></div><div></div><div></div></div> <div><div>RC1/2</div><div>RJ1</div><div>RJ2</div><div>RN1/2</div><div>KK3/4</div><div>RA1</div><div>RA2</div></div> <div><div>(03.10-12.01)</div><div>(05.10-12.01)</div><div>(05.11-12.01)</div><div>(06.04-12.01)</div><div>(92.03-98.09)</div><div>(98.04-03.10)</div><div>(99.07-03.10)</div></div> <div></div>	
<div>GWSU-21A 21111-AA084 X2111-AA092</div>	EJ25	2500	<div><div>LEGACY</div></div> <div><div>BD9,BG9/GC</div></div> <div><div>(94.10-98.11)</div></div> <div></div>	
<div>GWSU-22A 21111-KA330</div>	EN07	660	<div><div>STELLA</div><div>SUBARU R1</div><div>SUBARU R2</div></div> <div><div>RN1/2</div><div>RJ1/2,RC2</div><div>RC1</div></div> <div><div>(06.04-12.01)</div><div>(06.10-12.01)</div><div>(06.11-12.01)</div></div> <div></div>	

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PART NO.	APPLICATION GUIDE				
GWS-02A 17400-63200 17400-72020/1 17400-72801 17400-72810/1	LJ50	550	CARRY SJ10/30 (76.03-88.05) EVERY SH10,ST10/20 (76.04-79.06) JIMNY ST30 (79.04-85.12) ST31 (81.09-85.12)		
GWS-03A 17400-73001/2/3 17400-73012/3 17400-73810/1/2 17400-73870/20 17400-78101/820/821	F5A	550	CARRY SS40C/T/S (79.05-84.12) CERVO ST40V FRONTE SJ20 LT800 JIMMNU MIGHTYBOY SAMURAI SWIFT	REPLACING GWS-11A	
GWS-07A 17400-74001	AB10	450	FRONTE SS11 (77.08-79.04)		
GWS-08A 17400-82810/1	G10 G13	1000 1300	CULTUS AA41/43,AB41/43 (86.06-88.09) AA33/53,AB33/51/53		
GWS-09A 17400-79810/1	F5A	550	CARRY ST41# (82.12-85.12) EVERY		
GWS-10A 17400-78300 17400-78810/1 17400-78830	F5A	550	FRONTE SS40 (79.05-88.12) CERVO MODE SS40V (79.05-82.10) ALTO		
GWS-11A 17400-73001/02 17400-73012/13 17400-73810/11/12 17400-73820 17400-73870 17400-78101 17400-78820/1	F5A F10A	550 1000	ALTO SS40 (79.05-88.12) CARRY ST40 (80.10-85.12) CERVO MODE SJ40 (82.08-84.12) EVERY SS40T (83.02-88.12) FRONTE SS41V (83.10-85.12) JIMNY CB71S (84.09-86.12) MIGHTY BOY CA71V/72V (84.09-88.12) SWIFT CC71V/72V (84.12-88.12) DA71V,DB71V/71T,DA71T (85.03-89.05) DA71B (85.04-89.05) JA71C/71V (86.01-90.03)		

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PART NO.	APPLICATION GUIDE				
GWS-12A 17400-83810/1/2	G10 1000 G13A 1300 G13B 1300	CULTUS JIMNY	AA41S/41V,AB41S AB51S JA51	(83.10-86.12) (84.08-86.12) (85.11-88.12)	
GWS-13A 17400-50810/1/2/3 17400-60D01 17400-61810 17400-70B00		CAPPUCINO DAE300 TICO EXPORT MODEL		(96-)	
GWS-14A 17400-70D00 17400-71811	F6A 660	CAPPUCINO CARRY EVERY	DA51V DB51V,DA51/51T,DB51T	(90.02-91.09) (90.03-91.09)	
GWS-15A 17400-82820/2/4 17400-82821/22/23 17400-82840 17400-82850/51	G10 1000 G13A 1300 G13B 1300	ALTO BELENO CARRY CULTUS EVERY SWIFT WAGON R	AA33S,AB33S,AA53S,AB53S AA34S,AB34S,AA44S,AB44S AF34S AK34S GA11S DA32W	(86.06-88.09) (88.09-00.05) (89.10-00.05) (92.01-00.05) (95.01-99.05) (99.06-05.07)	
GWS-16A 17400-60810/13/14 17400-60811/2 17400-60815 17400-60A02/04	G15A 1500 G16A 1600	BALENO CULTUS ESCUDO SWIFT VITARA X-90	TA01V TA01R/01W AH14S AJ14S TD01W AH64S,AJ64S GA21S,GB21S,GD21S GC21S LB11S GB31S,GD31S/31W GC21W	(88.05-90.10) (88.05-97.11) (89.06-91.07) (89.10-91.07) (90.09-97.11) (91.07-95.03) (95.01-96.02) (95.01-97.04) (95.10-97.12) (96.02-97.04) (96.02-97.04)	
GWS-17A 17400-85821 17400-85810/20	F5A 550	CARRY EVERY	DA71V,DB71V DA71T,DB71T	(87.08-89.05) (88.02-89.05)	
GWS-18A 17400-70820	F5B 550	ALTO CERVO FRONTE	CL11V,CM11V CN11S,CP11S CG72V,CH72V	(88.09-90.03) (88.09-90.03) (89.01-90.07)	

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PART NO.	APPLICATION GUIDE					
GWS-19A 17400-50810/1 17400-50812/3 17400-58013 17400-60D01 17400-61810 17400-70830 17400-70B00	F5B F6A	550 660	ALTO CAPPUCCINO CARA CERVO WAGON R	CL11V,CM11V CN11S,CP11S CN21S CL21V,CM21V,CP21S CL22V,CM22V,CR22S,CS22S CN22S,CP22S EA11R PG6SS CT21S,CV21S HA11S,HB11S,HC11V,HD11V	(88.09-90.03) (89.04-90.03) (90.01-91.09) (90.03-91.09) (91.09-94.11) (91.09-98.06) (91.10-95.05) (93.01-96.05) (93.09-98.10) (94.11-98.09)	
GWS-20A 17400-66810 17400-85830	H20A H25A H27A	2000 2500 2700	ESCUDO GRAND VITARA VITARA	TX92W TA11W,TD11W TD61W TD62W	(00.12-05.05) (94.12-96.11) (96.10-97.10) (98.02-05.05)	
GWS-21A 17400-51810/11/12 17400-70830	F6A	660	CARRY EVERY	DC51B,DD51B DE51V,DF51V,DC51T,DD51T	(91.09-97.04) (91.09-99.01)	
GWS-22A 17400-62810	F5B	550	CARRY EVERY	DA41V/41B/41T DB41V/41T	(89.05-90.03) (89.05-90.03)	
GWS-23A 17400-61820 17400-61A00	G15A G16A	1500 1600	CULTUS ESCUDO GRAND VITARA	GC21S,GC21W GB31S TD02W TA02W GD31S/31W	(97.05-02.07) (97.05-99.05) (97.11-00.04) (97.11-02.11) (98.05-02.07)	
GWS-24A 17400-83840/1	F6A	660	JIMNY	JA11C/11V JA12C/12V/12W	(91.06-95.11) (95.11-98.10)	
GWS-25A 17400-76810 17400-78860	F6A	660	ALTO CARRY EVERY Kei WAGON R	HA12S,HA12V HN11S,MC11S DA52V/52T,DB52V/52T DA52W	(98.10-99.10) (98.10-99.10) (99.01-99.11) (99.06-99.11)	






SUZUKI

PART NO.	APPLICATION GUIDE				
GWS-26A 17400-76820 17400-78880	F6A	660	ALTO MC12S (00.12-01.11) CARRY HN12S (01.04-01.11) EVERY HA12V (99.05-00.12) Kei HA12S (99.10-00.12) WAGON R HN11S (99.10-01.04) MC11S (99.10-12.01) DA52V/52T,DB52V/52T,DA52W (99.11-01.09)		
GWS-27A* 17400-78850/1 17400-81821 W/HOUSING NO.	K6A	660	JIMNY JB23W (98.10-02.01)		
GWS-28A* 17400-73832/1 17400-78871 17400-80812/1 W/HOUSING NO.	K6A K10A	660 1000	ALTO HA21S,HB21S (94.11-98.09) CAPPUCCINO EA21R (95.05-98.10) JIMNY JA22W (95.11-98.10) WAGON R MA61S,MB61S (97.02-99.06) CT51S,CV51S (97.04-98.10) HA22S (98.10-99.10)		
GWS-28AH 17400-78871/1	K6A	660	ALTO HN21S (00.10-01.04) Kei HA22S (99.10-00.12) WAGON R MC21S (99.10-00.12)		
GWS-30A 17400-82810/1/2 17400-83810/1/2/4 17400-83815 17400-84C00	G13A G13BA G13B	1300	CARRY AA53S,AB53S (86.06-88.09) CULTUS JB31W (93.05-95.11) JIMNY JB32W (95.11-97.12) SAMURAI JB33W (98.01-00.04) SWIFT WAGON R		
GWS-31A 17400-78E00/1	RF	2000	ESCUDE TA21W (94.12-96.11) GRAND VITARA TD31W (94.12-86.10) VITARA <u>GWS-31A=(GWF-52A)</u>		
GWS-32A* 17400-83850 17400-84810/2/5 17400-84813/4 17400-84830/31 W/HOUSING NO.	K6A	660	ALTO HA22S (00.12-02.04) Kei MC22S (00.12-03.09) MR WAGON HA23S (00.12-04.09) TWIN HA23V (00.12-05.01) WAGON R HN22S (01.04-06.04) MF21S (01.12-06.01) HE21S (02.01-04.10) EC22S (03.01-05.08)		








SUZUKI

PART NO.	APPLICATION GUIDE				
GWS-32AH 17400-83850 17400-84810/2/5 17400-84813/4	K6A	660	ALTO HA22S (00.12-02.04) Kei MC22S (00.12-03.09) MR WAGON HA23S (00.12-04.09) TWIN HA23V (00.12-05.01) WAGON R HN22S (01.04-06.04) MF21S (01.12-06.01) HE21S (02.01-04.10) EC22S (03.01-05.08)		
GWS-33A* 17400-83870/1 W/HOUSING NO.	K6A	660	JIMNY JB23W (02.01-04.10)		
GWS-34A 17400-69G00/01/02	M13A M15A M16A M18A	1300 1500 1600 1800	AERIO HT51S (00.02-05.11) ESCUDO JB43W (00.04-12.01) IGNIS MA34S (00.12-11.01) JIMNY RB21S (01.01-07.03) JUSTY RA21S (01.11-07.03) LIANA RC51S,RD51S (03.01-07.03) SOLIO HT81S (03.06-04.11) SWIFT ZC11S,ZD11S,ZC21S,ZD21S (04.11-12.01) SX4 ZC31S (05.09-12.01) WAGON R TA74W (06.06-08.06) YA11S,YB11S (06.07-12.01) YC11S (07.07-12.01)		
GWS-35A* 17400-84820/1/2 17400-84823/4/5 W/HOUSING NO.	K6A	660	ALTO HN22S (01.04-06.04) Kei MC22S (01.11-03.09) MR WAGON MF21S (01.12-06.01) WAGON R HE21S (02.10-04.10)		
GWS-35AH 17400-84820/1/2 17400-84823/4/5	K6A	660	ALTO HN22S (01.04-06.04) Kei MC22S (01.11-03.09) MR WAGON MF21S (01.12-06.01) WAGON R HE21S (02.10-04.10)		
GWS-36A* 17400-77810 17400-77811/2 17400-77813/5 17120-77E00 W/HOUSING NO.	J18A J20A	1800 2000	BALENO TD54W (05.05-08.06) CULTUS YA41S,YB41S (06.07-09.05) ESCUDO GC41W (96.02-02.07) GRAND VITARA TA51W,TD51W (96.10-97.10) SX4 TD52W (97.11-00.04) VITARA TA52W (97.11-02.11) TL52W (98.11-05.05)		





SUZUKI

PART NO.	APPLICATION GUIDE				
GWS-37A* (17400-65810/3/4/5) W/HOUSING NO.	K6A	660	CARRY DA62T (01.08-02.05) EVERY DA62V/62W (01.08-05.08) DA63T (02.05-12.01) DA65T (05.11-12.01)		
GWS-37AH 17400-65810/3/4/5	K6A	660	CARRY DA62T (01.08-02.05) EVERY DA62V/62W (01.08-05.08) DA63T (02.05-12.01) DA65T (05.11-12.01)		
GWS-38A* (17400-58810/1 17400-58812 17400-58813/4/5) W/HOUSING NO.	K6A	660	ALTO MH21S (03.09-07.05) CERVO EC22S (04.01-05.02) MR WAGON HA24S (04.09-09.12) PALETTE HA24V (05.01-09.12) TWIN MF22S (06.01-11.01) WAGON R HG21S (06.11-12.01) MH22S (07.02-08.09) MK21S (08.01-10.08) MH23S (08.09-10.08) HE22S (08.11-10.11) HA25S/25V (09.12-12.01)		
			<u>GWS-38A=(GWMZ-67A)</u>		
GWS-38AH 17400-58810/1/2/3/4/5	K6A	660	ALTO MH21S (03.09-07.05) CERVO EC22S (04.01-05.02) MR WAGON HA24S (04.09-09.12) PALETTE HA24V (05.01-09.12) TWIN MF22S (06.01-11.01) WAGON R HG21S (06.11-12.01) MH22S (07.02-08.09) MK21S (08.01-10.08) MH23S (08.09-10.08) HE22S (08.11-10.11) HA25S/25V (09.12-12.01)		
			<u>GWS-38AH=(GWMZ-67AH)</u>		
GWS-39A* (17400-58820/1/2 17400-58823/4/5) W/HOUSING NO.	K6A	660	ALTO MH21S (03.09-07.05) CERVO MF22S (06.01-11.01) MR WAGON HG21S (06.11-12.01) PALETTE MH22S (07.02-08.09) WAGON R MK21S (08.01-10.08) MH23S (08.09-10.08) HE22S (08.11-10.11)		
			<u>GWS-39A=(GWMZ-68A)</u>		







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PART NO.	APPLICATION GUIDE				
GWS-39AH 17400-58820/1 17400-58822 17400-58823/4/5	K6A	660	ALTO CERVO MR WAGON PALETTE WAGON R MH21S MF22S HG21S MH22S MK21S MH23S HE22S	(03.09-07.05) (06.01-11.01) (06.11-12.01) (07.02-08.09) (08.01-10.08) (08.09-10.08) (08.11-10.11)	
			<u>GWS-39AH=(GWMZ-68AH)</u>		
GWS-40A* 17400-83860/2 17400-83863/4/5 W/HOUSING NO.	K6A	660	Kei WAGON R MC22S HN22S	(00.12-01.11) (01.04-01.11)	
GWS-40AH 17400-83860/2/3/4/5	K6A	660	Kei WAGON R MC22S HN22S	(00.12-01.11) (01.04-01.11)	
GWS-41A* 17400-76840/1/2 W/HOUSING NO.	K6A	660	JIMNY JB23W	(04.10-12.01)	
GWS-41AH 17400-76840/1/2	K6A	660	JIMNY JB23W	(04.10-12.01)	
GWS-42A* 17400-68811 W/HOUSING NO.	K6A	660	CARRY EVERY DA64V/64W	(05.08-07.07)	
			<u>GWS-42A=(GWMZ-72A)</u>		
GWS-42AH 17400-68811	K6A	660	CARRY EVERY DA64V/64W	(05.08-07.07)	
			<u>GWS-42AH=(GWMZ-72AH)</u>		

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PART NO.	APPLICATION GUIDE				
GWS-43A* 17400-68820/2 W/HOUSING NO.	K6A	660	CARRY DA64V/64W EVERY	(07.07-12.01)	
			<u>GWS-43A=(GWMZ-73A)</u>		
GWS-43AH 17400-68820/2	K6A	660	CARRY DA64V/64W EVERY	(07.07-12.01)	
			<u>GWS-43AH=(GWMZ-73AH)</u>		
GWS-44A 17400-76G70		1000	ALTO		
			<u>EXPORT MODEL</u>		
GWS-45A 17400-69L00 17400-51K00 21010-4A00F 4709352 93194246		996 1242	ALTO GF SPLASH FZ,MZ,NZ,EZ SWIFT PIXO(NISSAN) UA AGILA(OPEL) B	(09.01-) (08.01-) (10.10-) (09.06) (08.04)	
GWS-47A 17400-85Z01		2000	FORENZA RENO	(04-08) (05-08)	
<u>DISCONTINUED</u>			<u>GWS-05A(17400-65021,17400-70020)</u>		

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PART NO.	APPLICATION GUIDE				
GWT-01A 16100-25010/1/2 16100-25020	12T	1400	COROLLA	TA10/12/15/17/20/27	(70.12-75.09)
	2T	1600	SPRINTER	TA14/18/23/28/30/35	(75.10-77.07)
	T		CELICA	TA16/19	(75.11-79.08)
			CARINA	TA31	(76.03-77.01)
			CORONA	TE20/25	(70.09-83.08)
			TOWNACE	TE21/27	(73.04-74.03)
			MASTERACE	TE30/35/40/45/36	(74.04-77.01)
			(DAIHATSU)	TE31/37/41/47	(74.04-76.04)
			CHARMANT	TE51/61	(76.05-78.05)
				TE52/62	(76.01-77.01)
				TR10/11	(76.10-79.10)
				TT100/110/106/120/137	(73.08-79.12)
			GWT-01A=(GWT-11A & GWD-18A)		
					
GWT-02A 16100-22010 16100-29015/6/7/8	3KBR	1000	PUBLICA	KE11/17/18	(69.09-70.04)
	K	1100	COROLLA	KP30/36v	(69.04-75.11)
	KB	1200	SPRINTER	KP30S	(69.04-69.08)
	2K		LITEACE	KP31/31S/36,KM10	(69.09-75.11)
	3K			KP37/37V	(72.01-74.04)
				P30/36	(69.04-74.04)
					
GWT-03A 16100-29025/6 16100-29055/6	2K	1000	STARLET	KE20/25/26	(70.05-74.03)
	3K	1200	COROLLA	KP40/42/45/47	(73.04-74.04)
			SPRINTER		
			TERCEL		
					
GWT-05A 16100-39115	12R	1500	CORONA	PK41,RH10/15,RT/80/86/90	(70.09-71.01)
	2R	1600	TOYOACE	RH11/16,RY10/12/14	(71.02-75.11)
			HILUX	RN10/13/15/16	(71.02-72.04)
			HIACE	RN20/25,RT100/106	(72.05-75.11)
			TAFT	RT69/81/87/91	(71.02-73.07)
					
GWT-06A 16103-40030/1 16103-40051/84 16103-49410	5R	2000	CROWN	MS50/51/52/56	(67.09-71.01)
	M			RS50H/50HB	(69.09-71.01)
					
GWT-08A 16100-60080	F	3900	MACCY DYNA	FC10	(70.04-75.01)
			LAND CRUISER	FJ40/43/55	(69.03-75.09)
					
GWT-09A 16100-19145 16100-29020/7/8/9 16100-29065/6 16100-29075	2K	1000	PUBLICA	KE20,KP40/42/45/47	(74.04-75.11)
	3K/KB	1200	STARLET	KE26/50/60	(74.04-78.05)
	3KBR	1300	COROLLA	KP30/31/36/36V	(69.04-75.11)
	3KH(J)		SPRINTER	KP37/37V50/51	(74.04-79.07)
	3KU		LITEACE	KP38	(79.07-82.01)
	4K		TOWNACE	KR10/11,KM10/11	(76.12-78.02)
			GWT-09A=(GWD-19A)		
					







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PART NO.	APPLICATION GUIDE			
GWT-10A 16100-29045/6/7/8	3K 3KB 3KH 3KBR 3KHJ	1200	COROLLA KE30/35/36/40/45 SPRINTER (74-78)	
GWT-12A 16100-39116	12R 12RU 12RJ	1600	CORONA RT100/120/130 MASTERACE RR10/20 TOWNACE RY10/12/14/20/21 TOYOACE RN20/25/30/40 HULUX RH11/13/16/20/30/40 HIACE TAFT (75-85)	
GWT-12AG (=GWT-12A)			<u>GRAVITY TYPE CASTING</u>	
GWT-14A 16100-49155 16100-49165/6	5R	2000	CROWN RK101 DYNA RS60/66/80 COASTER RU10/12/15/18/19 STOUT LEXUS GS/IS (70.10-79.02) (71.02-75.05) (70.10-75.04)	
GWT-15A 16120-41020/40 16100-49138	M 4M	2000 2600	CROWN MS60/62/66/70 MS65/75 (SUB ASSY) (71.02-72.12) (71.05-72.12)	
GWT-18A 16100-60090	2F F	3900	LAND CRUISER FJ40/43/45 (69.03-75.09)	
GWT-19A 16100-61010/1/2/3 16100-61020/30	2F	4200	LAND CRUISER FJ56 MACCY DYNA FC22 TRUCK BUS FA101 (75.01-79.02) (75.04-80.02) (75.01-80.02)	
GWT-19AG (=GWT-19A)			<u>GRAVITY TYPE CASTING</u>	







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PART NO.		APPLICATION GUIDE			
GWT-21A 16120-47011/2/3 16120-47020/1/2/3 (16100-49148 W/HOUSING NO.)	H	3600	DYNA HU15 COASTER HU30	(69.08-77.07) (77.08-80.08)	
	DIESEL				
GWT-22A 16100-61040/1	2F	4200	LAND CRUISE FJ56 TRUCK BUS FA101	(75.09-79.02) (77.04-80.02)	
GWT-22AG (=GWT-22A)			<u>GRAVITY TYPE CASTING</u>		
GWT-23A 16110-38030/1 16110-39035/75	20R	2200	CELICA (EXPORT MODEL) CORONA HILUX MARK II HIACE CRESSIDA	(79-80)	
GWT-24A 16100-49415/6	5R	2000	CROWN RS80 DYNA RU10/12/15/19 COASTER RU20/22/30/32	(75.05-75.11) (75.04-77.07) (77.08-84.08)	
GWT-25A 16100-31010/1 16100-39035/6	2R 12R	1500 1600	HILUX PK41 TOYOACE PK42 CORONA RH10/15 HIACE RN10/15 CRESSIDA RT80/86	(67.05-70.09) (71.02-71.08) (67.09-70.09) (68.03-70.10) (70.02-70.09)	
GWT-26AF* 16100-39015/6 16100-39017 16100-39135/65 16100-39205	7R 6R 16R 8R 18R	1600 1700 1800 1900 2000	CORONA RA11/13/15/21/25 CELICA RH12/14/17 CARINA RT102/103/104/108/112/114 MARK II RT82/84/88/93/94/95 HILUX RX11/12/17/21/22/27/28	(74.01-75.08) (75.11-77.01) (75.09-75.11) (70.02-73.07) (73.08-75.11)	
GWT-27AFH 16100-39227/8 16100-39235/6/7	16R 18E 18RGEU 18RJ 19R	1800 2000	CARINA RA10/16/17/23/28/30/31/35 CORONA RA40/45/55/63 HIACE RH22/35/41/42/45 CELICA RN36/39,TR132/141 HILUX RT102/104/112/114/122/123/141 MARK II RX12/15/22/28/30/31/63 CHASER	(75.10-77.07) (77.08-82.10) (77.04-82.11) (79.10-81.10) (75.11-82.10) (75.10-82.08)	








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PART NO.		APPLICATION GUIDE				
GWT-27A 16120-34100/40 16110-88251	16R	1800	CARINA	RA10/16/17/23/28/30/31/35	(75.10-77.07)	
	18E	2000	CORONA	RA40/45/55/63	(77.08-82.10)	
	18RGEU		HIACE	RH22/35/41/42/45	(77.04-82.11)	
	18RJ		CELICA	RN36/39,TR132/141	(79.10-81.10)	
	19R		HILUX	RT102/104/112/114/122/123/141	(75.11-82.10)	
			MARK II	RX12/15/22/28/30/31/63	(75.10-82.08)	
			CHASER	(SUB ASSY)		
GWT-27F 16210-31010 16210-34100/1/2 16210-44010	16R	1800	CARINA	RA10/16/17/23/28/30/31/35	(75.10-77.07)	
	18E	2000	CORONA	RA40/45/55/63	(77.08-82.10)	
	18RGEU		HIACE	RH22/35/41/42/45	(77.04-82.11)	
	18RJ		CELICA	RN36/39,TR132/141	(79.10-81.10)	
	19R		HILUX	RT102/104/112/114/122/123/141	(75.11-82.10)	
			MARK II	RX12/15/22/28/30/31/63	(75.10-82.08)	
			CHASER	GWT-27F=(GWT-54F)		
GWT-27AF (16100-39235/6/7 W/HOUSING NO.)	16R	1800	CARINA	RA10/16/17/23/28/30/31/35	(75.10-77.07)	
	18E	2000	CORONA	RA40/45/55/63	(77.08-82.10)	
	18RGEU		HIACE	RH22/35/41/42/45	(77.04-82.11)	
	18RJ		CELICA	RN36/39,TR132/141	(79.10-81.10)	
	19R		HILUX	RT102/104/112/114/122/123/141	(75.11-82.10)	
			MARK II	RX12/15/22/28/30/31/63	(75.10-82.08)	
			CHASER			
GWT-28A 16100-49365 16100-49486 16100-49495/6/7 16100-49506 16120-42010/1/2 16120-49025	M	2000	CELICA	MA45/46	(78.04-79.08)	
	4M	2600	CHASER	MS100/1/2/3/5/6/7	(76.05-79.08)	
			MARK II	MS70/80/82/83/85/87/90/95	(73.01-79.08)	
			CROWN	MX10/20/27/30/31/33	(74.08-78.08)	
			DYNA	MX35/40/41/43/45	(76.12-80.08)	
			GWT-28A=(GWT-39A)(GWT-40A)			
GWT-30A 16100-19015/6	3K	1200	STARLET	KE36	(78.05-79.08)	
	4K	1300	COROLLA	KE55/65	(77.10-79.02)	
			SPRINTER	KE70/71/73	(79.03-83.07)	
			(DAIHATSU)	KP61	(78.02-83.07)	
			CHARMANT	KP62	(78.10-82.01)	
GWT-31AF 16100-18010 16100-26021/2 16100-28010/20	T	1400	COROLLA	A67	(81.09-83.08)	
	12T	1600	SPRINTER	TA31/32/41/42/46/47/49/57/63/67V	(77.01-83.08)	
	12TJ	1800	CELICA	TE50/52/56/60/62/66	(77.01-79.02)	
	2T		CARINA	TE70/73/73V/74/74V	(79.08-83.08)	
	13T		CAMRY	TM20,TR11/15	(78.08-82.10)	
	3T		VISTA	TT121/125/126/130	(77.03-81.12)	
	3TEU		CORONA	TT131/132/138/142/147V	(78.09-83.10)	
			CRESTA	TX30/40/47/50/60	(74.04-82.08)	
			CHASER	TX67	(80.11-87.07)	
			MARK II	TM20	(78.08-82.10)	
			TOWNACE	TR11	(79.10-82.10)	
			MASTERACE			
			GWT-31AF=(GWT-37AF & GWD-20AF)			

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PART NO.	APPLICATION GUIDE		
GWT-31A 16110-18010 16110-26021/2 16110-28010/20/22	T 1400 12T 1600 12TJ 1800 2T 13T 3T 3TEU	COROLLA A67 (81.09-83.08) SPRINTER TA31/32/41/42/46/47/49/57/63/67V (77.01-83.08) CELICA TE50/52/56/60/62/66 (77.01-79.02) CARINA TE70/73/73V/74/74V (79.08-83.08) CAMRY TM20,TR11/15 (78.08-82.10) VISTA TT121/125/126/130 (77.03-81.12) CORONA TT131/132/138/142/147V (78.09-83.10) CRESTA TX30/40/47/50/60 (74.04-82.08) CHASER TX67 (80.11-87.07) MARK II TM20 (78.08-82.10) TOWNACE TR11 (79.10-82.10) MASTERACE <u>GWT-31A=(GWT-33A)(GWT-37A)</u>	
GWT-31F 16210-18010 16210-26020 16210-28010/20 16210-88260	T 1400 12T 1600 12TJ 1800 2T 13T 3T 3TEU	COROLLA A67 (81.09-83.08) SPRINTER TA31/32/41/42/46/47/49/57/63/67V (77.01-83.08) CELICA TE50/52/56/60/62/66 (77.01-79.02) CARINA TE70/73/73V/74/74V (79.08-83.08) CAMRY TM20,TR11/15 (78.08-82.10) VISTA TT121/125/126/130 (77.03-81.12) CORONA TT131/132/138/142/147V (78.09-83.10) CRESTA TX30/40/47/50/60 (74.04-82.08) CHASER TX67 (80.11-87.07) MARK II TM20 (78.08-82.10) TOWNACE TR11 (79.10-82.10) MASTERACE <u>GWT-31F=(GWT-37F)(GWT-45F)</u>	
GWT-32A 16110-38021/2	20R 2000 21R 2400 22R	CORONA RA46/56,RT133 (75-) CELICA RX40/41/60 HILUX LX50/60/67,LS110/117 CRESSIDA LN30/36/40/46/50 LH20/24/30/40 RB13/20	
GWT-32F 16210-34080 16210-38022/3/4 16210-38050/60	20R 2000 21R 2200 22R 2400	CORONA RA46/56,RT133 (75-) CELICA RX40/41/60 HILUX LX50/60/67,LS110/117 CRESSIDA LN30/36/40/46/50 LH20/24/30/40 RB13/20 <u>GWT-32F=(GWT-41F)(GWT-42F)</u>	
GWT-35A 16110-26020/21/22 16110-28010/20 16110-33010 16110-82010	T 1400	COROLLA TE50/60 (77.01-77.03) SPRINTER	
GWT-35F 16210-26020 (16100-26020 (GWT-35AF) GWT-31AF IS INTERCHANGEABLE)	T 1400	COROLLA TE50/60 (77.01-77.03) SPRINTER	






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PART NO.	APPLICATION GUIDE				
GWT-36A 16100-40020/1 16100-40040/1 16100-49015/16 16100-49105 16103-40010/1	5R	2000	CROWN RK101 (67.09-70.10) STOUT RS50/50B/50P/56 (67.09-71.01) DYNA RU10/12/15/18 (69.02-70.10) COASTER (SUB ASSY)		
GWT-38A* (16100-19025 W/HOUSING NO.)	1A 2A 3A	1500 1300 1500	TARCEL AL10 (78.08-79.06) CORSA AL11 (79.06-80.08) AL12 (79.06-78.08)		
GWT-41A 16100-39035 16100-39315/6/7	20R 21R 22R	2000 2200 2400	CARINA RA46 (78.08-81.08) CHASER RX40/41 (78.08-80.08) CORONA RT133 (78.09-81.12) HIACE RH23/33 (79.03-82.11) MARK II RX40/41 (78.08-80.08) DYNA RB11/12 (78.02-80.08) COASTER RB20 (82.05-90.01)		
GWT-42A 16100-59005 16100-59045/6/7/8/9 16100-59125/6/7/8	L DIESEL	2200	CHASER LD10 (80.03-84.12) MARK II LH20/24/30/40 (79.07-82.11) TOYOACE LN30/36/40/46/50/55 (79.12-85.08) CROWN LS100/117 (77.10-83.07) HILUX LX40/50X/60/67 (79.09-84.07) BLIZZARD LY20/30 (79.03-85.07) (W/O SPACER)		
GWT-43A 16110-15010 16110-19026/35/36 (16100-19026/7/8/9 16100-19085 W/HOUSING NO.)	2A 2AU 3A 3AHU 3ASU 3AU	1300 1500	TARXEL AL20 (80.08-82.04) CORSA AL21 (80.08-82.04) AL25 (82.05-89.10) (82.05-89.10) (84.08-89.10) (82.08-88.01)		
GWT-44A 16120-14110 16120-33010 16120-34090 16120-34110 16120-41032	16R 18R 19R 6R 7R 8R	1600 1700 1800 1900 2000	CORONA RA11/13/15/25 (74.01-75.08) CELICA RH17 (75.11-77.01) CARINA RT103/108/112/114/137 (74.12-79.12) MARK II RT62/72/78/82/93/94/95 (68.09-73.07) HILUX RX17/22/27/28/37 (75.11-79.12) HIACE (SUB ASSY)		
GWT-45A 16110-88260 (16100-88260 GWT-45A+PULLEY) +GWT-45F	2T	1600	COROLLA TA40 (77.08-81.08) SPRINTER TA45 (77.08-81.08) CELICA TA55 (77.08-81.06) CARINA TA61 (81.09-83.08) TE51/55/61/65 (77.01-79.02) TE71 (79.03-83.04)		







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PART NO.	APPLICATION GUIDE				
GWT-46A 16100-88220/1	2T	1600	COROLLA TA12/17 (71.04-75.09) SPRINTER TA22/27 (70.12-75.09) CELICA TE27 (72.03-74.03) TE37/47 (74.04-75.11)		
GWT-47A 16100-59015/6/7 16100-59055	B 3000 2B 3200 DIESEL		LAND CRUISER BJ40/43 (77.06-77.09) DYNA BJ40/43 (74.02-77.06) COASTER BB10/11 (77.08-80.08)		
GWT-48A 16100-59085	2B 3200 DIESEL		DYNA BB11 (80.08-82.04) COASTER		
GWT-49A 16110-15020/85 16110-19115 (16100-19035/6/7 W/HOUSING NO.)	3A 1500 3AU		COROLLA AA60 (81.09-87.12) SPRINTER AE70 (79.03-83.04) CARINA AE85 (83.05-87.04) CORONA AT140 (82.01-87.12) CHARMANT <u>GWT-49A=(GWD-22A)</u>		
GWT-50A 16100-19055/6 16100-19165/6 16100-19175	4KJ 1300 4K		PUBLICA KE73 (83.07-87.08) STARLET KP39 (82.01-88.08) COROLLA KP61 (82.08-84.09) SPRINTER		
GWT-51A 16100-19065/6/7	3AC	1500	TARCEL (EXPORT MODEL) (80-82) CALIFORNIA USA		
GWT-52A 16100-49655/6 16100-49685	5MGEU 2800 6MGEU 3000 5M 6M		CELICA MA61 (81.07-85.12) SOARER MS112/123/125 (81.08-87.08) CROWN MZ11/12 (81.02-85.12)		
GWT-53A 16110-63010 16110-69035/6/7 (16100-69075/6 W/HOUSING NO.)	1S(SI,SU) 1800 1SELU 2000 1SILU 1SLU 2SELU		CARINA SA60/60G (81.09-88.04) CELICA ST140/150/160 (82.01-88.05) VISTA SV10/11 (82.03-86.07) CAMRY SV20/60/61/70/70Y (86.08-88.08) CERESSIDA CORONA MARK II		

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PART NO.	APPLICATION GUIDE				
GWT-54A 16100-76036/37 16100-79035/6/7 16100-79275	1Y 2Y 3Y	1800 2000 2200	CORONA SX60 MARK II YH50/51/52/57/61/62/71/80/81 LITEACE YM20/21/25 TOYOACE YY50 HILUX DYNA HIACE TACOMA ROCKY TARO(VOLKSWAGEN) <u>GWT-54A=(GWD-23A)</u>	(82.08-94.12) (82.12-89.08) (82.10-92.01) (85.08-87.08)	
GWT-55A 16100-49705/6 16110-41240/50 16110-45100 16110-49045/46/85/86 16110-49055/6 16110-49065/6 SUB ASSY NO. (16120-45100/10 16120-49045/6/55)	4M 5M M MP MPU MTEU	2000 2600 2800	CELICA MA45/46/55/56 MARK II MS110/112/117/120/130 SOARER MX40/41/43/45/51 CROWN MX60/61/63/71 CHASER MZ10	(79.08-81.06) (79.09-89.08) (79.08-82.08) (80.11-85.10) (81.07-85.12)	
GWT-57A 16100-64H00/2/3/4/6/7 16100-69085 16100-69275 16100-69295/6 16100-69425	1C(CL) 1CTL 2CT 2CTL 3CTE DIESEL	1800 2000 2200	CAMRY CA60/67V CARINA CE70/71/72/80/90/96V COROLLA CM20/25 GAIA CV10/11/20 LITEACE CXM10G SPRINTER VISTA AYENSIS IPSUM	(82.02-88.04) (82.02-91.06) (82.10-88.08) (83.08-90.07) (98.05-04.09)	
GWT-58A 16110-01010/15010 16110-19045/6/7	2ALU 3ALU 4AELU	1300 1500 1600	COROLLA AE80 SPRINTER AE81 CARINA AE82 CORONA AT150 MR2 AT151 AW10	(83.05-85.05) (83.05-87.04) (83.05-87.04) (83.10-88.04) (84.05-88.04) (84.06-89.12)	
GWT-59A 16100-19075/6/7	4K 5K 5KJ	1300 1500	COROLLA KA67V SPRINTER KE70 CARINA KE72 KE74 KT147V	(83.08-88.04) (81.08-83.04) (81.08-87.08) (83.08-87.08) (83.10-87.12)	

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PART NO.		APPLICATION GUIDE		
GWT-59F 16210-13020	4K	1300	COROLLA KA67V	(83.08-88.04)
	5K	1500	SPRINTER KE70	(81.08-83.04)
	5KJ		CARINA KE72	(81.08-87.08)
			KE74	(83.08-87.08)
			KT147V	(83.10-87.12)
				
GWT-60A 16100-19045/6 16100-19155/6 16100-19215/6	4K	1300	LITEACE KM20/21/30G/31V/35V/36V	(79.10-92.01)
	4KJ	1500	TOWNACE KM50/51	(86.10-99.06)
	5K		MASTERACE KR12/26/26V/27/27V/41V	(79.10-98.12)
	5KJ		KXC10	(89.07-94.12)
	5KU			
				
GWT-61A 16100-59135/6/7/9	2L	2200	HIACE LD20/21	(84.05-90.02)
	2LT	2400	CRESTA LH24/50/50G/50V/51/51G/51V/56/56V	(82.11-89.08)
	2LTE		CHASER LH60/60B/60G/60V/61/61B/61G/61V/61VH	(82.12-89.08)
	2LTHE		MARK II LH66/66V/70/70B/70V/71	(84.01-89.08)
	L		CRESSIDA LH71B/71G/71V/80/80VH/85	(84.01-89.10)
			TOYOACE LJ71G	(85.10-90.01)
			HILUX LN51/56/60/60V/61V/65	(85.08-89.03)
			CROWN LS120/120G/126V/130/130G/136V	(83.08-91.10)
			LAND CRUISER LX65/70/70Y/76V	(82.08-88.08)
			DYNA LY21/50/60	(83.08-88.08)
			COASTER	
	DIESEL			
				
GWT-61F 16210-54060/70	2L	2200	HIACE LD20/21	(84.05-90.02)
	2LT	2400	CRESTA LH24/50/50G/50V/51/51G/51V/56/56V	(82.11-89.08)
	2LTE		CHASER LH60/60B/60G/60V/61/61B/61G/61V/61VH	(82.12-89.08)
	2LTHE		MARK II LH66/66V/70/70B/70V/71	(84.01-89.08)
	L		CRESSIDA LH71B/71G/71V/80/80VH/85	(84.01-89.10)
			TOYOACE LJ71G	(85.10-90.01)
			HILUX LN51/56/60/60V/61V/65	(85.08-89.03)
			CROWN LS120/120G/126V/130/130G/136V	(83.08-91.10)
			LAND CRUISER LX65/70/70Y/76V	(82.08-88.08)
			DYNA LY21/50/60	(83.08-88.08)
			COASTER	
	DIESEL			
				
GWT-62A 16110-16010 16110-19155 (16100-19095 W/HOUSING NO.)	4A	1600	COROLLA AA63	(83.05-85.07)
	4AGEU		SPRINTER AE86	(83.05-87.04)
			CELICA AT141	(83.10-85.08)
			CARINA	
			CORONA	
			CHARMANT	
				
GWT-63A 16110-16020 16110-19165 16100-09020 16100-19115 (W/HOUSING NO.)	4AGE	1600	COROLLA AE101	(91.06-95.05)
	4AGELU		SPRINTER AE82	(84.10-87.04)
	4AGZE		CELICA AE92	(87.05-92.05)
			CARINA AT160	(85.08-88.04)
			CORONA AT171	(88.05-92.08)
			MR2 AW11	(84.06-89.12)
				

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PART NO.		APPLICATION GUIDE		
GWT-64A 16100-39316 16100-39345/6	22R	2400	CELICA RX70/80 (84-) HILUX (EXPORT MODEL) LAND CRUISER TACOMA TARO(VOLKSWAGEN)	
	12HT 2H DIESEL	4000	LAND CRUISER HB30 (82.05-90.01) DYNA HB31 (85.10-90.01) COASTER HB32 (88.08-90.01) HB36V (84.08-90.01) HJ60V (82.10-90.01) HJ61V (85.10-90.01)	
GWT-65A 16120-68010 16120-69010/5 (16100-69035/7 W/HOUSING NO.)				
GWT-66A 16100-79015	1G 1GE 1GEJ 1GEU	2000	CELICA GA61/70 (81.07-88.08) CHASER GS120/120G/126V/130/130G (83.08-87.08) CRESTA GS131/136V (87.09-89.08) CROWN GX50/51/52/60/61/70G/71 (80.03-88.08) MARK II GZ10/20 (81.02-89.01) SOARER SUPRA,CRESSIDA	
	3SGE 3SGELU 3SGTE	2000	CARINA ST162 (85.08-89.08) CELICA ST171 (87.12-92.02) CORONA ST185 (89.10-91.08) VISTA ST185H (90.08-93.09) CAMRY SV12/21 (84.06-86.07) SW20 (89.12-99.08)	
GWT-67A 16100-79126 16110-79015/95 16100-79045/95 (W/HOUSING NO.)				
	2ELU 2ELJ	1300	COROLLA EE80 (85.05-87.04) STARLET EP76V (84.10-89.12) EP71 (84.10-89.12)	
GWT-68A 16110-19055/65/95 16110-19105 (16100-19125 W/PUULEY NO.) (16100-19135/95 W/HOUSING+PULLEY NO.)				
GWT-70A 16100-79025	1G 1GGE 1GGEU	2000	MARK II GA70 (86.02-93.05) CRESSIDA GS121/131 (83.08-91.10) CHASER GX61/71/81 (82.08-93.02) CRESTA GZ10/20 (83.02-94.04) SUPRA CROWN	
	1VZFE 3VZFE 4VZFE	2000 2500 3000	CAMRY VCV10 (91.10-96.08) SCEPTER VCV15W (92.07-94.09) WINDOM VZV20 (88.08-90.07) VISTA VZV30/31 (90.07-92.06) VZV32/33 (91.05-94.06)	
GWT-71A 16100-69205/6 16100-69305 16100-69335 16100-69445/55				
GWT-72A 16110-61170 (16100-69146 16100-69415/6 W/FAN CLUTCH NO.)	3F	4000	LAND CRUISER FJ62V (84.11-90.01)	

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PART NO.		APPLICATION GUIDE		
GWT-73A 16110-61180 (16100-69255 16100-69155/6 W/FAN CLUTCH NO.)	3F	4000	LAND CRUISER FJ62V	(84.11-87.08)
	3FE		FJ62G	(88.08-90.01)
GWT-74A 16100-69105/6 16100-69235	3F	4000	LAND CRUISER FJ-7#(ATM)	(84.11-)
GWT-75A 16100-69115 16100-69245	3F	4000	LAND CRUISER FJ-70	(84-)
GWT-76A 16120-45151			FORKLIFT (USA)	
GWT-77A 16110-09010 16110-79025/6 16110-79045 (16100-79075 16100-79185 W/HOUSING NO.)	3S	1800	CALDINA SR40G/50G	(96.10-01.11)
	3SFE	2000	CAMRY ST162/162C/163/170/170G/171	(87.08-92.11)
	3SFSE	2200	CAREN ST180/181/182/183	(89.09-93.09)
	4SFE		CARINA ST190/190G/190Y/191/191G	(92.02-97.08)
	4SFI		CELICA ST195/195G/198V	(92.02-02.06)
	5SFE		CORONA ST200/01/02/03/06/07/08/10/15/15G	(93.09-)
			GAIA SV21/22/25/30/32/33/35	(86.08-90.07)
			HARRIER SV40/41/42/43/50/50G/55/55G	(94.06-98.06)
			IPSAM SX80/80Y/90/100	(88.08-01.06)
			LITEACE NOAH SXA10C/10G/10W/11G/11W/15G/16G	(97.12-00.05)
			MARK II SXM10G/15G	(96.05-01.05)
			NADIA SXN10/10H/15/15H	(98.07-02.08)
			RAV4 SXU10W/15W	(97.12-00.11)
			SCEPTER SXV10/15/15W/20/20W/25/25W	(92.11-01.12)
GWT-78A 16110-09021 16110-15070/80/85 16110-19076/7 16110-19085/6 (16100-09020 16100-19205 W/HOUSING NO.)	4AF	1500	COROLLA AE91	(87.05-92.05)
	4AFE	1600	SPRINTER AE91G	(87.08-91.09)
	4AFHE		CARIB AE95	(87.10-91.06)
	5AF		CARINA AE95G	(88.02-95.08)
	5AFE		TARCEL AT170/170G	(88.05-92.08)
	5AFHE		CORSA AT171/175	(88.05-92.08)
			CORONA	



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PART NO.	APPLICATION GUIDE			
GWT-79A 16100-59155 16100-59255/7	2L 2400 3L 2800 5L 3000 DIESEL	CHASER LH100/102/103/107/109/110/113/115 (89.08-93.08) COASTER LH117/119/120/123/125/129/150 (89.08-94.12) COMFORT LH162V/168V/172K/172V (98.08-05.03) CRESTA LH178V/182K/184B/186B/188K (98.08-05.03) CROWN LH80/82K/85/90/95 (88.08-01.08) DYNA LN147/167/172H (97.08-05.03) HIACE LXH43V/49V (97.06-02.05) HILUX LY102/112/122/132/152/162/202/212 (99.05-01.07) LAND CRUISER LY220/228K/230/240V/270/280/290V (01.07-05.03) MARK II QUICK DELIVERY REGIUS TOYOACE TACOMA TARO(VOLKSWAGEN)		
GWT-80A 16100-39215 16100-69185/6/7 16100-69205/6 16100-69215 16100-69305/35	3VZE 3000	HILUX (88-92) 4-RUNNER PICK-UP CAMRY SCEPTER LAND CRUISER		
GWT-81A 16100-69225 16100-69475	3VZE 3000	HILUX (88-92) 4-RUNNER PICK-UP		
GWT-82A 16100-49756/76 16100-49805	7M 3000 7MGE 7MGTEU	CHASER MA70 (86.02-90.08) CRESTA MS135 (87.09-91.10) CROWN MS137 (87.09-91.10) MARK II MX83 (88.08-93.02) SOARER MZ20 (86.01-91.04) SUPRA MZ21 (86.01-91.04)		
GWT-83A 16110-19135(AISIN NO.) 16110-19145(AISAN NO.) 16110-19146(AISAN NO.) 16110-19205(AISIN NO.) 16100-19295 W/HOUSING NO.	4AFE 1600 5AFE 1500	CARINA AE100/100G/101/104/104G (91.06-00.08) CORONA AE109V/110/111/111G/111N/114/114G (96.05-02.06) SPACIO AT190/192 (92.02-96.01) SPRINTER AT210/212 (96.01-01.12) COROLLA		
GWT-83AH 16100-09120 16100-15090 16100-19255/95	4AFE 1500 5AFE 1600	CARINA AE100/100G/101/104/104G (91.06-00.08) CORONA AE109V/110/111/111G/111N/114/114G (96.05-02.06) SPACIO AT190/192 (92.02-96.01) SPRINTER AT210/212 (96.01-01.12) COROLLA		
GWT-84A 16100-50010/2/3/4 16100-50020/1/2/3 16100-50030	1UZFE 4000	ARISTO UCF10/11 (89.11-94.10) CELSIOR UCF20/21 (94.10-97.07) CROWN UZS131 (89.08-91.10) SOARER UZS141 (91.10-95.08) LEXUS LS UZS143/145/147/151/155/157 (92.10-97.08) UZZ30/31/32 (91.05-97.09)		






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PART NO.		APPLICATION GUIDE			
GWT-85A 16100-79155	1RZ	2000	HIACE	RZH100/101/102/110/112	(89.08-94.12)
	2RZ	2400	VAN WAGON COMMUTER	RZH122/124	(89.08-94.12)
GWT-86A 16110-19185(AISIN NO.) 16110-19175/6 16110-19305 16100-19305 16100-19265 W/HOUSING NO.	7AFE	1800	CALDINA	AE115G	(95.08-02.07)
			CARINA	AE115N	(97.01-01.05)
			CORONA	AT191	(94.08-96.08)
			SPACIO	AT191G	(96.01-97.08)
			COROLLA	AT211	(96.08-01.12)
			SPRINTER	AT211G	(97.08-)
			CELICA,AVENSIS		
GWT-86AH 16100-19265 16100-19305	7AFE	1800	CALDINA	AE115G	(95.08-02.07)
			CARINA	AE115N	(97.01-01.05)
			COROLLA	AT191	(94.08-96.08)
			CORONA	AT191G	(96.01-97.08)
			SPACIO	AT211	(96.01-01.12)
			SPRINTER	AT211G	(97.08-)
			CARIB		
GWT-87A 16101-76030 16100-79165 W/HOUSING NO.	2TZFE	2400	ESTIMA	TCR10G/11G/20G/21G	(92.01-99.12)
	2TZFE		PREVIA	TCR10W/11W/20W/21W	(93.02-99.12)
GWT-88A 16110-61071 16110-61120 16100-61071 16100-61120/30 +F/C+PULLEY NO.	2F	4200	LAND CRUISER	FJ56	(79.02-80.07)
				FJ60V	(80.08-82.10)
				FJ61V	(82.10-84.11)
GWT-89A 16110-61081 16110-61130	2F	4200	LAND CRUISER	FJ60V	(80.08-82.10)
				FJ61V	(82.10-84.11)
GWT-90A 16100-69345	3VZ	3000	HILUX	VZN130G	(92-)
			4-RUNNER		
GWT-91A 16100-19235/25	1HDFT	3500	LAND CRUISER	HDB20/30/31/50/51,HDJ81V/101K	(90.01-05.03)
	1HDFTE	4200	DYNA	HZB30/31/36V	(90.01-93.01)
	1HDT		COASTER	HZB40/41/46V/50/56V	(93.01-05.03)
	1HZ			HZJ70/70V/71/71V/73HV/74K/74V	(90.05-99.08)
	1PZ			HZJ75/76K/76V/77HV/77V/79/81V	(90.05-99.08)
				PZJ70/70V/77HV/77V	(90.01-94.01)
	DIESEL				








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PART NO.		APPLICATION GUIDE		
GWT-91A 16100-19235	1HDFT 3500 1HDFTE 4200 1HDT 1HZ 1PZ	LAND CRUISER HDB20/30/31/50/51,HDJ81V/101K (90.01-05.03) DYNA HZB30/31/36V (90.01-93.01) COASTER HZB40/41/46V/50/56V (93.01-05.03) HZJ70/70V/71/71V/73HV/74K/74V (90.05-99.08) HZJ75/76K/76V/77HV/77V/79/81V (90.05-99.08) PZJ70/70V/77HV/77V (90.01-94.01)		
	DIESEL			
GWT-92A 16100-09070 16100-29085	1MZFE 2500 2MZFE 3000	ALPHARD MCR30W/40W (99.12-) AVALON MCU10W/15W (97.12-05.03) CAMRY MCU20W/25W (00.11-04.02) ESTIMA MCU30W/31W/35W/36W (03.02-04.07) HARRIER MCV20/20W/21/21W/25W (96.08-01.07) KLUGER MCV30 (01.07-) MARK II MCX10/20 (95.03-) PRONARD MNH10W/15W (02.05-) WINDOM VISTA LEXUS ES/RX		
GWT-93A 16110-19095 16110-19106 WITH PRESSED PULEY <div>16100-19055 16100-19135/95 16100-19225</div> <div>W/HOUSING NO.</div>	2E 1300 2EELU 1500 2ELJ 2ELU 2ETELU 4E 4EF 4EFE 4EFTE 3E 3ETE 5EFE 5EFHE	CALDINA EE101/102V/103V/104G/107V/108G/111 (91.06-98.04) CARINA EE80/90/96V/97G/98V (85.05-91.09) COROLLA II EL30/31/41/43/44/45 (86.05-95.08) COROLLA EL51/52/52C/53/54/54C/55 (94.09-99.07) SPRINTER EP71/76V/82/85/91/95 (84.10-99.07) SERA ET176V/196V (87.12-98.05) CYNOS EXY10 (90.03-95.12) CORONA STARLET CORSA TARCEL PASEO		
GWT-94A 16100-64H02/03/04 16100-64H06/07 16100-69085 16100-69275/95/96/97 16100-69425/35	1C 1800 2C 2000 2CL 2200 2CT 3CE 3CT 3CTE	CALDINA CE100/100G/10G/102G/104/105V (91.06-02.06) CAMRY CE106V/107V/108G/109V/110 (91.06-02.06) CARINA CE113/114/116/121/121G (98.04-04.04) COROLLA CE90/95/96V/97G (87.05-91.09) CORONA CM30G/31V/35V/36V/40G/40V (85.09-92.01) DELIBOY CM50/51/52/55/60/61/65 (86.10-99.06) GAIA CM70/75/80/85 (99.06-04.08) IPSAM CR21G/26V/27V/28G/30G/37V/37G (83.04-96.10) LITEACE(NOAH) CR40G/41V/42V/50G/51V/52V (96.10-04.07) MASTERACE CT140/141/147V/150/170/170G/176V (82.01-92.11) TOWNACE(NOAH) CT190/190G/190Y/195/196V/197V/198V (92.02-02.06) AVENSIS CT199V210/211/215/216G/216G (96.01-) CV20/30,CXC10 (86.08-94.06) CXM10G (97.09-04.09)		
	DIESEL			
GWT-95A 16110-49115(AISAN NO.) 16110-49097 <div>16100-49835/6/7</div> <div>W/HOUSING NO.</div>	2JZ 3000 2JZGE	SUPRA LZA80 TWIN CAM (95-) LEXUS GS300,SC300		







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PART NO.	APPLICATION GUIDE				
GWT-96A 16100-79245/55 16100-79445/65	27LPG 2500 2RZFE 2700 3RZFE	DYNA BU68DH (93-95) TOYOACE T100 4-RUNNER HIACE HILUX LAND CRUISER			
GWT-97A 16100-69395/6/7/8	5VZFE 3400	TACOMA T100 (95-05) 4-RUNNER HIACE HILUX LAND CRUISER			
GWT-98A 16100-09080 16100-09130/70 16100-29095 16100-29175 16100-29415 94858649	1ZZGE 1800	CELICA (98-04) COROLLA MR SPYDER BLADE AVENSIS RAV4 CHEVROLET PRIZM			
GWT-99A 16100-69325	1FZFE 4500	LAND CRUISER FZJ80G (92.08-98.01)			
GWT-100A 16100-29115/6 16100-97404/41 16100-B9010	1SZ 1000 K3VE 1300 K3VT 1500 3SZVE	VITZ SCP10 (06.01-14.01) PLATZ SCP11 (01.12-05.12) YARIS QNC20/25 (00.05-04.05) bB J102E/122E (04.06-10.02) DUET M101A/111A (01.12-05.12) PASSO QNC10 (06.01-14.01) RUSH J102E (08.12-14.01) AVANZA QNC21 (06.01-14.01) (DAIHATSU) M502E/512E J200E/210E BOON COPEN TERIOS MATERIA STORIA YRV	 <div>3 BOLT FLANGE</div>		





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PART NO.	APPLICATION GUIDE				
GWT-101A 16100-29155/6 16100-29195 16100-29426	1NZ 1300 1NZFE 1500 1NZFNE 1NZFXE 2NZ 2NZFE	ALLION ALLEX AURIS BELTA bB COROLLA FUNCARGO IST PLATZ PORTE PREMIO PRIUS PROBOX RAUM RCTIS SIENTA SPRINTER SPACIO SUCCEED VITZ/PLATZ WILL(CYPHA) YARIS	NCP10/12/13/15/16/19/20/21/25 NCP30/31/34/35 NCP50V/51V/52V/55V/58G/59G NCP60/61/65/70/75/85G NCZ20/25 NHW11/20 NLP51V NNP10/11 NZE120/121/121G/121N/124/124G/127 NZT240	(99.09-04.03) (00.01-04.02) (02.06-04.02) (02.04-04.03) (03.04-04.02) (00.05-04.02) (02.06-05.03) (04.07-) (00.08-04.04) (01.12-04.02)	
	1SZ 1000	VITZ PLATZ (DAIHATSU) BOON TERIOS YRV	SCP10 SCP11	(99-) (99-) (95-) (98-)	
GWT-102A 16100-09140/1 16100-29125	5VZ 5VZFE	TUNDRA TACOMA HIACE HILUX LAND CRUISER GANVIA	T100 V-6 VCH10W/16W/22K/28K VZN185W VZN180W	(95-98) (99-) (95-) (98-)	
	1Z 2000	FORKLIFT	TFD20/23/25/28/30 2/2.25/2.5/2.75/3.0t TYPE	(86-)	
GWT-103A 16100-69405/6/7/8 16100-69535	5K 1486	FORKLIFT	5FGL-10/20	(95-)	
	1Z 2000	FORKLIFT	TFD20/23/25/28/30 2/2.25/2.5/2.75/3.0t TYPE	(86-)	
GWT-104A 16100-78300-71	5K 1486	FORKLIFT	5FGL-10/20	(95-)	
	5K 1486	FORKLIFT	5FGL-10/20	(95-)	
GWT-105A 16120-78120-71 16120-96120-71	5K 1486	FORKLIFT	5FGL-10/20	(95-)	
	5K 1486	FORKLIFT	5FGL-10/20	(95-)	
GWT-106A 16100-69385 16100-69495	3000	4-RUNNER PICK UP	V-6	(94-95)	
	3000	4-RUNNER PICK UP	V-6	(94-95)	





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PART NO.	APPLICATION GUIDE			
GWT-107A 16100-79015 16110-79035 16110-79105/15/26/35	3SGE 2000 3SGTE	CAMRY ST165/171 VISTGA ST182/183/183C CARINA ST185/185H CELICA ST205 CORONA SV32/33 MR2 SW20	(87.10-92.02) (89.09-93.09) (89.10-93.09) (94.02-99.08) (90.07-92.06) (89.12-99.08)	
GWT-108A 16100-59105	2B 3200 3B 3400 13BT DIESEL	LAND CRUISER BB20/21/26V/30/31/36V DYNA BJ60V COASTER BJ61V BJ70/70V/71V/73V/74V	(82.05-90.01) (80.08-82.10) (82.10-86.08) (84.11-90.01)	
GWT-109A 16100-59065 16100-59075/6	B 3000 2B 3200 3B 3400 DIESEL	DYNA BB11 TOYOACE BU60 COASTER BU70V BU70VH BU80 BY30	(80.08-82.04) (84.09-88.08) (84.09-88.08) (84.09-88.08) (84.09-88.08) (80.09-83.08)	
GWT-110A 16100-59165/6 16100-59245	11B 3000 14B 3400 14BT 3700 15B 4100 15BCNG 5300 15BF 15BFP 15BFT 15BLPG 3B B DIESEL	DYNA BU100/100A/102/102A/102D/102H COASTER BU105/107/112/112A/112D/120V/122V TOYOACE BU132/137/140/142/145/147 QUICKDELIVERY BU162/162A/162D/172/182 BU202/212/212K/222 BU60VH BU61/66/66D/66DH/66H/67/67D BU68VH/72/72D/72DH/72H/73/74/78 BU84/87/87V/88/91/94/96 BZB40/50 BZU300/300A/340/410 FB4JEAT/5B### RZU100A/100H XZU301A/301G/302/341/342/412	(95.05-99.06) (95.05-99.06) (95.05-99.05) (95.05-99.06) (95.05-99.05) (86.01-95.05) (88.08-95.05) (95.05-99.08) (88.08-95.05) (02.03-) (03.06-) (95.05-99.05) (99.05-00.07) (00.05-04.06)	
GWT-111A 16100-79115/6/7	1GFE 2000	CHASER GA70 CRESTA GS130/130G/130W/131/131H/136V CROWN GS141/151/151H MARK II GX100 SOARER GX70G/81/90 SUPRA GZ20 CELICA GXE10 MR2 GXE10W ALTEZA GXE15W VEROSSA GX110/115	(88.08-90.08) (87.09-99.04) (93.08-98.08) (96.09-98.08) (88.10-97.04) (89.01-91.04) (98.10-05.07) (01.06-05.07) (02.01-05.07) (01.06-04.04)	
GWT-112A 16100-59185/6/7	14B 3400 15BF 3700 15BFT 4100 3B 4B 1BZFPE DIESEL	LAND CRUISER BB21/23/24/26V/31 DYNA BB40/46V/55/58 COASTER BJ70/70V/73V QUICKDELIVERY BU280K/281K BU297	(83.02-93.01) (93.01-99.07) (87.08-90.01) (99.08-04.06) (97.01-99.05)	






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PART NO.		APPLICATION GUIDE	
GWT-113A 16100-55010/1 16100-55020 16100-59235	1N 1500	COROLLA II NL30 (86.05-90.09)	
	1NT	STARLET NL40 (90.09-94.09)	
		TARCEL NL50 (94.09-99.07)	
		SPRINTER NP70/76V (86.12-89.12)	
		CORSA NP80 (89.12-95.09)	
	DIESEL	NP90 (96.01-99.07)	
GWT-114A 16100-79037 16100-79275 HEAVY DUTY TYPE OF GWT-54A	1Y(YJ) 1600	CHASER LY161/162 (98.05-01.07)	
	2Y(YJ) 1800	COMFORT YH50V/51G/51V/52V/57G (82.12-89.08)	
	2YPU 2000	CORONA YH61G/61V/61VH/62V (82.12-89.08)	
	2YU	CRESTA YH71B/71V/80/81 (82.12-95.05)	
	3Y(YJ)	CROWN YM30G/31V/40G/55/60/65 (85.09-99.06)	
	3YE	DYNA YN100/105/107/130G (88.09-97.08)	
	3YEU	COASTER YN51/56/60/60V/61G61V/65 (84.11-89.03)	
	3YP	HIACE YN80/81/85/86 (88.09-97.08)	
	3YPE	HILUX YR20G/21G/25V/26V/28G/30G/36G (82.11-96.10)	
	3YPU	LITEACE YS120/130 (83.08-95.12)	
	3YU	MARK II YU60/61D/70V/80 (84.09-95.05)	
		TOWNACE YX70/70Y/72/72Y/76V/78V/80/80Y (84.08-97.04)	
		MASTERACE YXS10/10H/11/11Y (95.12-04.06)	
		TOYO ACE YY101/121/131/201/211 (95.05-01.07)	
		TACOMA YY50/51/52/61 (85.08-95.05)	
		ROCKY (VOLKSWAGEN)	
		TARO	
GWT-115A 16100-09092 16100-09102/55 16100-59256/7 HEAVY DUTY TYPE OF GWT-79A	2L 2400	ARVANSUPPORT LH100/102/103/107/109/110/113/115 (89.08-93.08)	
	3L 2800	CHASER LH117/119/120/123/125/129/150 (89.08-94.12)	
	5L 3000	COASTER LH162V/168V/172K/172V (98.08-05.03)	
		COMFORT LH178V/182K/184B/186B/188K (98.08-05.03)	
		CRESTA LH80/82K/85/90/95 (88.08-01.08)	
		CROWN LN147/167/172H (97.08-05.03)	
		DYNA LXH43V/49V (97.06-02.05)	
		HIACE LY102/112/122/132/152/162/202/212 (99.05-01.07)	
		HILUX LY220/228K/230/240V/270/280/290V (01.07-05.03)	
		LAND CRUISER	
		MARK II	
		QUICK DELIVERY	
		REGIUS	
	DIESEL	TOYOACE (VOLKSWAGEN)	
		TACOMA TARO	
GWT-116A 16110-69045 (16100-69355/6 16100-69455/6 W/HOUSING NO.)	1KDFTV 2500	GRANVIA KCH10W/12K/16W/40G/40W/46G/46W (95.08-02.05)	
	1KZ 3000	HIACE KDJ120W/121W/125 (02.11-)	
	1KZTE	LAND CRUISER KDJ90W/95W,KDN185G/185W (00.08-02.11)	
	2KDFTV	REGIUS KDY220/230/240V/270/280/290V (04.08-)	
		TOYO ACE KZH100/106/10/116/120/126 (89.08-94.12)	
		HILUX KZH100G/106G/106W/110G/116G/120G (93.08-05.03)	
		TACOMA KZH126G/132V/138V (93.08-05.03)	
		DYNA KZN130G/130W (93.08-95.11)	
		4-RUNNER KZN185G/185W,KZJ90W/95W (95.11-00.08)	

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GWT-116AH 16100-69355/6 16100-69455/6	1KDFTV 2500 1KZ 3000 1KZTE 2KDFTV	GRANVIA KCH10W/12K/16W/40G/40W/46G/46W (95.08-02.05) HIACE KDJ120W/121W/125 (02.11-) LAND CRUISER KDJ90W/95W,KDN185G/185W (00.08-02.11) REGIUS KDY220/230/240V/270/280/290V (04.08-) TOYO ACE KZH100/106/10/116/120/126 (89.08-94.12) HILUX KZH100G/106G/106W/110G/116G/120G (93.08-05.03) TACOMA KZH126G/132V/138V (93.08-05.03) DYNA KZN130G/130W (93.08-95.11) 4-RUNNER KZN185G/185W,KZJ90W/95W (95.11-00.08)	
GWT-117A 16110-19095 16110-19107	4EFE 1300 4EFTE 1500 5EFE 5EFHE	CALDINA EE102V/103V/104G/111 (94.01-02.06) COROLLA EL51/52/52C/53/54/54C/55/91/95 (94.09-99.07) COROLLA II ET196V (92.11-02.06) CORSA EXZ10/15 (97.05-) RAUM SERA STARLET,CYNOS	
GWT-117AH 16100-19055 16100-19126/95 16100-19225/6	2E 1300 2EELU 1500 2ETELU 3E 3EE 3ETE 4EF 4EFE 4EFTE 5EFE 5EFHE	TARCEL EE101 (91.06-95.05) STARLET EE102V/103V/104G (94.01-02.06) SERA EE106V/107V/108G (91.09-94.01) RAUM EE111 (95.05-00.08) CORONA EE90/96V/97G/98V (87.08-91.09) COROLLA EL31 (88.05-90.09) COROLLA II EL41/43/45 (90.09-94.09) CARINA EL44 (91.01-95.08) CALDINA EL51/52/53/55 (94.09-99.07) CORSA EL52C/54/54C (95.08-99.07) CYNOS EP71 (84.10-89.12) PASEO EP82/85 (89.12-96.01) EP91/95 (96.01-99.07) ET176V (88.05-92.11) ET196V (92.11-02.06) EXY10 (90.03-95.12) EXZ10 (97.05-) EXZ15 (97.08-)	
GWT-118A 16110-49147/8 (16100-49868 W/HOUSING NO.)	1JZFSE 2500 1JZGE 3000 2JZFSE 2JZGE	BREVIS JCG10/11/15 (98.05-) CHASER JKS175 (01.08-) CRESTA JZS151/153/155 (95.08-01.08) CROWN JZS171/173/175/177/179 (99.09-) MARK II JZS171W/173W/175W (99.12-) PROGRES JZX100/101/105 (96.09-01.06) VEROSSA JZX110/115 (00.10-04.11) JZX110W/115W (02.01-)	






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PART NO.	APPLICATION GUIDE			
GWT-118AH 16100-49867/8	1JZFSE 2500 1JZGE 3000 2JZFSE 2JZGE	BREVIS CHASER CRESTA CROWN MARK II PROGRES VEROSSA	JCG10/11/15 (98.05-) JKS175 (01.08-) JZS151/153/155 (95.08-01.08) JZS171/173/175/177/179 (99.09-) JZS171W/173W/175W (99.12-) JZX100/101/105 (96.09-01.06) JZX110/115 (00.10-04.11) JZX110W/115W (02.01-)	
GWT-119A 16100-0H030 16100-28040/1	1AZFSE 2000 2AZFE 2400	RAV4 AVENSIS ALION ALPHARD IPSUM WISH NOAH/VOXY ESTIMA HARRIER CALDINA NADIA OPA PREMIO KLUGER MARK X VELLFIRE SAI GAIA	ACA20W/21W (00.05-04.02) AZT250/2,AZT255/W (03.07-04.04) AZT240 (01.12-04.12) ANH10W/15W (02.05-04.05) ACM21W/26W (01.05-04.02) ANE10G/11W (03.04-04.02) AZR60G/65G (01.11-04.08) ACR30W/40W (00.02-04.02) ACU10W/15W/30W/35W (00.11-) AZT241W/246W (02.09-) ACN10/10H/15/15H (01.04-03.07) ACT10 (00.08-05.04) AZT240 (01.12-07.05) ACU20W/25W (00.11-07.05) ANA10/15 (07.09-14.01) ANH20W/25W (08.04-14.01) ATH20W (11.10-14.01) AZK10 (09.12-14.01) ACM10G/15G (01.04-04.09)	
GWT-120A 16110-49095/6/7 16110-49105/25/26 (16100-49837 W/HOUSING NO.)	1JZGE 2500 2JZGE 3000	CROWN ARISTO SUPRA CHASER SOARER MARK II PROGRES,CRESTA,LEXUS	JZA80,JCG11 (93.05-02.08) JZS130G/131/133/135 (91.10-98.09) JZS141/143/145/147/149 (91.10-97.08) JZS151/153/155/157 (95.08-02.01) JZX90/91/93/101/105 (92.10-01.06) JZZ31 (94.01-00.12)	
GWT-120AH 16100-49815/6 16100-49835/6/7	1JZGE 2500 2JZGE 3000	CROWN ARISTO SUPRA CHASER SOARER MARK II PROGRES,CRESTA,LEXUS	JZA80,JCG11 (93.05-02.08) JZS130G/131/133/135 (91.10-98.09) JZS141/143/145/147/149 (91.10-97.08) JZS151/153/155/157 (95.08-02.01) JZX90/91/93/101/105 (92.10-01.06) JZZ31 (94.01-00.12)	
GWT-121A 16110-19195 (16100-19285 W/HOUSING NO.)	4A 1600	CARINA COROLLA SPRINTER	AT210 (96.08-) AE101G (96.05-00.08) AE111 (95.05-00.08) AE111G (96.05-01.08)	






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PART NO.		APPLICATION GUIDE			
GWT-122A 16110-79125/35 (16100-79225 W/HOUSING NO.)	3SGE 2000 3SGTE	CALDINA	ST195G	(95.05-97.08)	
		CARINA	ST202/202C/205/206	(93.09-99.08)	
		CORONA	ST210G/215G/215W/246W	(99.12-)	
		CELICA	SW20	(89.12-99.08)	
		MR2	SXA10W/11W	(96.08-00.05)	
		RAV4	SXE10	(98.10-)	
		ALTEZZA			
GWT-123A 16100-29135		AVENSIS	DIESEL	(99.10-03.02)	
		COROLLA		(02.01-)	
		ESTIMA		(01.03-)	
		IPSUM		(01.08-)	
		RAV4		(01.09-)	
GWT-124A 16100-29145/6	2ZZGE 1800	WILL	ZZE123	(01.01-)	
		ALLEX	ZZE123G	(00.08-05.03)	
		COROLLA	ZZE128	(01.04-04.04)	
		VOLTZ	ZZE137	(02.05-04.02)	
		CELICA	ZZT231	(99.08-)	
GWT-126A 16100-78010/1	1W 4000	TOYOACE	WU75D	(84.09-95.05)	
		DYNA	WU85	(89.10-95.05)	
			WU90	(84.09-95.05)	
			WU93	(91.09-95.05)	
			WU95	(84.09-95.05)	
GWT-127A* (16100-78102-71 W/HOUSING NO.)		FORKLIFT			
		AIRCON BUS			
GWT-128A* (16100-10941-71 W/HOUSING NO.)		FORKLIFT			
		AIRCON BUS			
GWT-129A 16110-19105/25	4AGE 1600	COROLLA	AE101	(91.06-98.08)	
GWT-130A 16100-78060	S05C	DYNASAUROS		(02)	

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PART NO.	APPLICATION GUIDE		
GWT-131A 16100-79255 16100-79445/65	1TRFE 2000 1TRFPE 2700 27LPG 2TRFE 3RZFE 3RZFP 3RZFPE	QUICK DELIVERY BU280K (00.01-03.06) GRANVIA BU68DH (93.11-95.05) DYNA LY230/LY280 (01.07-05.03) TOYOACE RCH11W/41W/47W (95.08-02.05) HIACE RZJ120W/125W (02.09-04.08) TOURING HIACE RZJ90W/95W (97.04-02.09) HILUX RZN169H/174H (99.08-) LAND CRUISER RZN180W/185W (98.07-02.11) REGIUS RZN215W (02.11-04.08) REGIUS ACE RZU100/100A/140 (95.05-00.07) COASTER RZU301/340 (00.05-) COMFORT RZU68VH (96.10-99.08) TRH102V/112K/112V/122K/124B (03.07-) XZU281K (04.06-)	
GWT-132A 16100-19275/6	7K 1800 7KE	TOWNACE KM70 (99.06-07.08) TOWNACE NOAH KM75 (99.06-07.08) LITEACE KM80 (99.06-07.08) LITEACE NOAH KM85 (99.06-07.08) MASTERACE KR42V (96.11-98.12) KR52V (04.12-07.08)	
GWT-133A 16100-09080 16100-09130/70 16100-29095 16100-29175 16100-29415	1ZZFE 1800	MR-S ZCA25W/26W (00.05-04.02) RAV4 ZCT10/15 (00.04-04.02) WILL ZNE10G/14G (03.01-04.02) ALLION ZZE122/124/124G/124N (00.08-04.04) ALLEX ZZE122G (00.08-) WISH ZZE122N (01.05-04.02) VOLTZ ZZE127/129 (01.04-04.04) OPA ZZE138 (02.05-04.02) CALDINA ZZT230 (99.08-) COROLLA ZZT240 (01.12-04.02) SPACIO ZZT241W (02.09-04.04) CELICA ZZT245 (01.12-04.02) VISTA ZZV50/50G (98.06-03.07) PREMIO ZZW30 (99.10-) AVENSIS ZNM10G/10W (04.09-09.09) BLADE MR2 RAV4 ISIS	
GWT-134AH 16100-97205/27/45	EJDE 1000 EJVE	DUET M100A/110A (98.09-04.05) (DAIHATSU) CUORE MIRA MOVE STORIA YRV <u>(GWT-134AH=GWD-50AH)</u>	
GWT-135A 16100-29195/6 16100-29206	1NDTV 1400	PROBOX NLP51V (02.06- 07.08) SUCCEED VITZ RACTIS	

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PART NO.	APPLICATION GUIDE			
GWT-136A 16100-29116/7 16100-97411 16100-B9010	1SZFE 1000 2SZ 1300 2SZFE	PLATZ VITZ BELTA RACTIS (DAIHATSU) BOON STORIA TERIOS YRV	SCP11 (99.08-04.03) SCP10 (99.01-04.02) SCP90/92 (05.01- 14.01) SCP13 (02.12-04.02)	
GWT-137A 16100-29185	1CD-FTV 2000	AVENSIS COROLLA	(03.04-) (04.04-)	
GWT-138A 16100-79265 16100-79455	1RZ 2000 1RZE 2400 2RZE	DYNA HIACE HILUX REGIUS REGIUS ACE TOYO ACE COASTER RCH42V RZH100G RZH101G/111G RZH102V/112K/112V/124B RZH110G/122V RZH125B RZH133S RZH133V RZH182K/183K RZN147 RZN152H RZN167 RZY220/230	(97.06-02.05) (89.08-95.08) (89.08-05.03) (89.08-03.07) (89.08-93.08) (98.08-03.07) (95.08-05.03) (95.08-99.07) (00.12-03.07) (97.08-05.03) (99.08-05.03) (97.08-99.08) (01.07-)	
GWT-139A 16100-B9440 16100-97412	K3 1300 K3VE 1500 3SZVE	SPARKY STARLET LITEACE TOWNACE MASTERACE S221E/231E S402M/402U S412M/412U	(00.09-03.03) (08.01-14.01) (10.07-14.01)	
GWT-140A 16110-49156	1JZFSE 2500 1JZGE 3000 2JZGE	ARISTO ALTEZZA BREVIS PROGRES LEXUS GS/IS JZS160 JCE10W/15W JCG15	(97.08-05.01) (01.06-05.07) (99.12-07.06)	
GWT-141A 16100-09340 16100-29495	2AD-FHV/FTV	AVENSIS COROLLA RAV4 BLADE VANGUARD VERSO	(05-)	

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GWT-142A 16100-09240 16100-09450 16100-0Q010/30 16100-80003/7 1201-J0	1KRFE	1000	iQ KGJ10 (08.11-09.06) VITZ KSP90 (05.01-10.12) PASSO KGC10/15 (04.06-10.02) BELTA KSP92 (05.11-14.01) AYGO KGC30/35 (10.02-14.01) YARIS KSP130 (10.12-14.01) C1(CITROEN) (01.06-) BOON(DAIHATSU) (07.05-) 107(PEUGE) JUSTY(SUBARU)		
GWT-144A 16100-39465/6	2ZRFE 1800 2ZRFAE 2000 3ZRFE 3ZRFAE		COROLLA ZRE142/144 (10.04-14.01) VOXY ZRR70G/75G/70W/75W (07.06-10.04) AVENSIS ZRT272W (11.09-14.01) YARIS ZRT260/265 (10.04-14.01) AURIS ZGM10G/10W/15G/15W (09.09-14.01) VITZ ZGE20G/25G/20W/25W (09.03-14.01) RAV4 ZRE152H/154H (06.10-14.01) ALLION ZSP110 (07.07-14.01) ISIS ZGM11G/11W (09.09-14.01) WISH ZRR70G/75G (10.04-14.01) IST ZGE21G/22W (09.03-14.01) NOAH BLADE VANGUARD VERSO PREMIO		
GWT-145A 16100-39425	2KDFTV 2500 1KDFTV 3000		HIACE KDH200K/200V/205K/205V (04.08-07.09) REGIUS ACE KDH220K/222B/225K/227B (05.01-07.09) KDH220K/225K (05.01-07.09) KDH201K/201V/206K/206V (07.09-14.01) KDH211K/221K/223B (07.09-14.01)		
GWT-146A 16100-B9150	K3VE 1300 K3VT K3VET		CAMI J102E/122E (00.05-01.12) DAIHATSU TERIOS J102E/122E (00.05-02.01)		


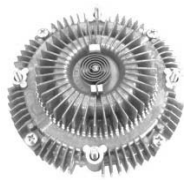

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PART NO.	APPLICATION GUIDE		
GWT-149AM 16100-80004	1NRFE	1300	CAROLLA AXIO NRE160 (12.04-)
			VITZ NSP130/135 (10.12-)
			PASSO NGC30 (10.02-)
			PORTE NSP140 (12.07-)
			RACTIS NSP120 (10.11-)
			SPADE NSP140 (12.07-)
			DAIHATSU
			BOON M60/ (10.02-)
			SUBARU
			TREZIA NSP120X (10.11-)
GWT-150A 16100-09260 16100-39485 16100-69355 16100-69356		1647	RENAU 18 Variable(135)1.6TS (82.05-86.07)
		2982	4RUNNER(KZN18,VZN18,RZN18)3.0 (95.11-02.11)
			Turbo-D
		2494	DYNA Platform/Chassis(KD,U7,C6,U6,LY, (01.08-)
			TRY2)KD2.5 D4d
		2982	DYNA Platform/Chassis(KD,U7,C6,U6,LY, (06.09-)
			TRY2)KD3.0 D4d
		2494	HIACE IV Box(RCH2,RCH1,KLH2,KLH1) (01.11-06.08)
			2.5 D-4D
		2494	HIACE IV Bus 2.5 D-4D (01.11-06.08)
		2494	HILUX III Pickup(TGN1,GGN2,GGN1,KUN2, (05.08-)
			KUN1) 2.5 D 4X4
		2494	HILUX III Pickup(TGN1,GGN2,GGN1,KUN2, (06.06-)
			KUN1) 2.5 D-4D
		2494	HILUX III Pickup(TGN1,GGN2,GGN1,KUN2, (07.12-)
		2982	KUN1) 2.5 D-4D 4X4
		2982	HILUX SURF(RN10,VZN13,VZN10,RN13) (93.10-96.03)
			3.0Turbo-D(KZN130)
		2982	LAND CRUISER(KDJ12,GRJ12) 3.0 D-4D (04.08-10.02)
			(KDJ120)
		2982	LAND CRUISER(KDJ12,GRJ12) 3.0 D-4D (02.09-)
			(KDJ120,KDJ125)
		2982	LAND CRUISER(KDJ12,GRJ12) 3.0 D-4D (03.01-10.02)
			(KDJ120,KDJ150)
		2982	LAND CRUISER(KDJ12,GRJ12) 3.0 D-4D (02.09-10.02)
			(KZJ12)
		2982	LAND CRUISER 90 (J9) 3.0 D-4D (KDJ90) (00.10-)
		2982	LAND CRUISER 90 (J9) 3.0 TD (95.04-00.07)
		2982	LAND CRUISER 90 (J9) 3.0 TD(KZJ90/95) (96.04-)
		2982	LAND CRUISER Hardtop (J7) 3.0 TD (93.05-96.05)
		2982	LAND CRUISER PRADO (KDJ15,GRJ15) (10.01-)
			3.0 D-4D
		2494	TACOMA II Pickup(RN6,RN5,LN6,YN6, (01.11-05.07)
			YN5,LN5)2.5 D-4D
		2494	TACOMA II Pickup(RN6,RN5,LN6,YN6, (01.11-05.07)
			YN5,LN5)2.5 D-4D 4WD




NEW



TOYOTA

PART NO.	APPLICATION GUIDE		
GWT-151A 16100-09470 16100-39405 16124-0P030	V6 4.0 V6 4.0 V6 4.0 V6 4.0	4RUNNER (03-09) (07-09) FJ CRUISER (05-09) TACOMA (05-09) TUNDRA	
GWT-152F 16210-66010 16210-66020	4.5L L6 4.5L L6	LAND CRUISER 1FZ (93-97) LEXUS LX450 (96-97)	
GWT-153F 16210-75040 16210-75060 16210-75080 16210-75100 16210-75110 16210-75111 16210-0W010	2.7L 2.7L 2.7L	T100 (94-98) TACOMA (95-) 4RUNNER (96-00)	
<u>DISCONTINUED</u>		<u>GWT-04A</u> <u>GWT-34A(16110-38020)</u>	

VOLKSWAGEN

PART NO.	APPLICATION GUIDE		
GWVW-04A 048-121-011 060-121-010/11 060121010X	75-80 2000 75-83 2700	AUDI 100 4cyl PORSCHE924 LT 28-35 I Box (281-363) LT 28-35 I Bus (281-363) LT 28-35 I Flatbed/Chassis (281-363) LT 40-55 I Box (291-512) LT 40-55 I Flatbed/Chassis (293-909) LT 28-35 I Box (281-363) D LT 28-35 I Flatbed/Chassis (281-363) D	
GWVW-06A 2716132 12571857 69121004 069-121-004 069121004AV/D/V/X 069121005D 069-121-005D	78-92 2400 78-96 79- 79-86 79-96 82-93 82-96 86-92 86-96	LT28,31,35,40 5,6cyl (2400cc) diesel LT 28-35 I Box (281-363) D LT 28-35 I Box (281-363) TD LT 28-35 I Bus (281-363) D LT 28-35 I Bus (281-363) TD LT 28-35 I Flatbed/Chassis (281-363) D LT 28-35 I Flatbed/Chassis (281-363) TD LT 40-55 I Box (291-512) D LT 40-55 I Box (291-512) D 4WD LT 40-55 I Box (291-512) TD LT 40-55 I Box (291-512) TD 4WD LT 40-55 I Flatbed/Chassis (293-909) D LT 40-55 I Flatbed/Chassis (293-909) TD	
GWVW-07A* 026-121-005A/C 026121005E/G/H 026-121-010C 037121005C 068121005A W/HOUSING NO.	75-79 1500 76-82 1600 77-84 1700 79-82 1800 79-92 1900 80-83 2000 80-92 81- 81-84 81-92 82-83 82-92 84-92 85-92 86-92 88-93 88-97 89-92 89-93 90-03 90-92 90-97	NEW SANTANA PASSAT RABBIT,SCIROCCO CADDY I (14) I (14) D II Box (9K9A) D II Box (9K9A) SDI II Box (9K9A) TDI II Box (9K9A) 75 II Estate (9K9B) II Estate (9K9B) D II Estate (9K9B) SDI II Pickup (9U7) II Pickup (9U7) D CORRADO (531) 16V (531) G60 (531) i (531) I 16V GOLF I (17) I (17) D I (17) GTI I (17) TD	





continued

VOLKSWAGEN

PART NO.	APPLICATION GUIDE		
GWVW-07A*	91-95	GOLF	Variant (3A5,35I) G60 Syncro
	91-98		Variant (3A5,35I) D
	92-03		Variant (3A5,35I) TDI
	93-95		Variant (3A5,35I) Syncro
	93-97	POLO	CLASSIC (6KV2) 100
	93-98		CLASSIC (6KV2) 110 TDI
	95-00		CLASSIC (6KV2) 57 SDI
	95-01		CLASSIC (6KV2) 64 SDI
	95-04		CLASSIC (6KV2) 75
	95-10		CLASSIC (6KV2) 90
	95-97		CLASSIC (6KV2) 90 TDI
	96-00		Variant (6KV5) SDI
	96-04		Variant (6KV5)
	97-01		Variant (6KV5) TDI
	97-98	SANTANA	(32B)
	98-01		(32B) D
			(32B) TD
		SCIROCCO	(53)
			(53B)
			(53B) 16V
		SHARAN	(7M8,7M9,7M6) TDI
			(7M8,7M9,7M6)
		TRANS-PORTER	III Box
			III Box D
			III Box TD
			III Box TD Syncro
			III Bus
			III Bus D
			III Bus TD
			III Bus TD Syncro
			III Flatbed/Chassis D
			III Flatbed/Chassis TD
			III Flatbed/Chassis TD Syncro
			IV Box (70XA) D
			IV Box (70XA) TD
			IV Box (70XA)
			IV Bus (70XB,70XC,7DB,7DW)
			IV Bus (70XB,70XC,7DB,7DW) D
			IV Bus (70XB,70XC,7DB,7DW) TD
			IV Flatbed/Chassis (70XD) D
			IV Flatbed/Chassis (70XD) TD
			IV Flatbed/Chassis (70XD)
		VENTO	(1H2)
			(H2) D
			(H2) SDI
			(1H2) TD
			(1H2) TDI



VOLKSWAGEN

PART NO.	APPLICATION GUIDE	
GWVW-07AH 026-121-005A/C 026-121-010C	81-	NEW SANTANA PASSAT RABBIT,SCIROCCO 
GWVW-08A 059-121-011B/C/D/F 59121011 059121011E	68-76 1600 70-76 1800 1900	AUDI 100S,LS,GL AUDI 100 (C1) AUDI 100 Coupe (C1) 
GWVW-09A* 026-121-010A 026121010DX 038121005C 055121011A 055121019 056121005 056-121-005A/13A 056121019A 068121005 068-121-005/AV/B/C 068121005X 068121010 681210058 W/HOUSING NO.	73-79 1300 73-80 1500 74-80 1600 74-84 1700 76-83 1800 77-80 78-80 78-82 78-84 79-82 79-83 79-88 80-84 80-88 81-87 81-97 84-92	DERBY 1300 GLS GOLF 1500,1600 diesel PASSAT 1300,1600 SCIROCCO 1500,1600 DASHER,RABBIT USA GOLF -17 (17) D (17) GTI Cabriolet (155) (183) ILTIS JETTA I (16) I (16) GLI PASSAT (32) (32) D (32B) D Variant (32B) D Variant (33) Variant (33) D Variant (33) I SCIROCCO (53) (53B) TRANS- PORTER III Box D III Box TD III Bus III Bus D III Bus TD III Flatbed/Chassis D III Flatbed/Chassis TD 
GWVW-09AH 026-121-010A 056-121-005A/13A 068-121-005/AV/B/C	73-79	DERBY 1300 GLS GOLF 1500,1600 diesel PASSAT 1300,1600 SCIROCCO 1500,1600 DASHER,RABBIT USA 

VOLKSWAGEN

PART NO.	APPLICATION GUIDE	
GWVW-11A*		
026-121-005A/C	76-83 1300	AUDI 80 1300,1600,1800,1900,2000cc (Inc diesel, & T diesel)
026121005E/G/H	76-90 1500	AUDI 90 1600,1900cc (T diesel) AUDI 100 1600,1800cc
026-121-010C/F	77-84 1600	VW CADDY 1500,1600,1800cc (Inc diesel, & T diesel)
037121005C	78-82 1700	VW GOLF 1500,1600,1800cc
037-121-010A/F	78-84 1800	(Inc diesel, & T diesel)
068-121-005A	79-82 1900	VW JETTA,SCIROCCO 1500,1600,1800cc
	79-88 2000	(Inc diesel, & T diesel)
	79-93	VW PASSAT 1300,1600,1800,1900,2000cc
	80-83	(Inc diesel, & T diesel)
	80-84	VW TRANSPORTER 1600,1800,2000cc
	80-88	(Inc diesel, & T diesel)
	80-92	VW VENTO 1800,1900,2000cc
	81-	(Inc diesel, & T diesel)
	81-84	CADDY I (14)
	81-91	II Box (9K9A) 75
	81-92	II Box (9K9A) D
	82-	II Box (9K9A) SDI
	82-83	II Box (9K9A) TDI
	82-84	II Estate (9K9B)
	82-88	II Estate (9K9B) D
	82-92	II Estate (9K9B) SDI
	83-91	II Pickup (9U7)
	83-92	II Pickup (9U7) D
	84-92	CORRADO (531) 16V
	84-97	(531) G60
	85-88	(531) i
	85-91	(531) I 16V
	85-92	GOLF I (17)
	86-88	I (17) GTI
	86-91	I (17) D
	86-92	I (17) TD
	87-88	I Cabriolet (155)
	87-91	II (19E,1G1)
	88-91	II (19E,1G1) D
	88-93	II (19E,1G1) TD
	88-96	II (19E,1G1) Syncro
	88-97	II (19E,1G1) GTI
	89-92	II (19E,1G1) GTI 16V
	89-93	II (19E,1G1) GTI CAT
	90-91	II (19E,1G1) GTI G60
	90-03	II (19E,1G1) GTI G60 Syncro
	90-96	II (19E,1G1) I CAT
	90-97	II (19E,1G1) I Syncro CAT
	91-95	III(1H1)
	91-97	III(1H1) Syncro (1HX1)
	91-98	III(1H1) TDI Syncro (1HX1)
	92-	III(1H1) D
	92-97	III(1H1) SDI
	92-03	III(1H1) TD,GTD
	93-95	III(1H1) TDI
	93-96	III(1H1) GTI 16V
	93-97	III Cabriolet (1E7)
	93-98	III Variant (1H5)
	93-99	III Variant (1H5) Syncro
	94-99	III Variant (1H5) D
	95-00	III Variant (1H5) SDI
	95-01	III Variant (1H5) TD
	95-04	III Variant (1H5) TDI
	95-10	III Variant (1H5) TDI Syncro
	95-97	IV(1J1) TD
	95-99	IV Cabriolet (1E7)
	96-00	IV Cabriolet (1E7) TDI



continued




VOLKSWAGEN

PART NO.	APPLICATION GUIDE		
GWVW-11A*	96-01	ILTIS	ILTIS
	96-04		ILTIS TD
	97-01	JETTA	I (16)
	97-98		I (16) GLI
	97-99		I (16) D
	98-01		I (16) TD
	98-02		II (19E,1G2)
			II (19E,1G2) CAT
			II (19E,1G2) Syncro
			II (19E,1G2) 16V
		PASSAT	(32B)
			(32B) D
			(32B) TD
			(3A2,35I)
			(3A2,35I) 16V
			(3A2,35I) TD
			(3A2,35I) TDI
			(3A2,35I) G60 Syncro
			(3A2,35I) Syncro
			Saloon (32B)
			Saloon (32B) TD
			Variant (32B)
			Variant (32B) Syncro
			Variant (32B) D
			Variant (32B) TD
			Variant (3A5,35I)
			Variant (3A5,35I) 16V
			Variant (3A5,35I) G60 Syncro
			Variant (3A5,35I) Syncro
			Variant (3A5,35I) TD
			Variant (3A5,35I) D
			Variant (3A5,35I) TDI
		POLO	CLASSIC (6KV2) 100
			CLASSIC (6KV2) 75
			CLASSIC (6KV2) 90
			CLASSIC (6KV2) 110 TDI
			CLASSIC (6KV2) 57 SDI
			CLASSIC (6KV2) 64 SDI
			CLASSIC (6KV2) 90 TDI
			Variant (6KV5)
			Variant (6KV5) SDI
			Variant (6KV5) TDI
		SANTANA	(32B)
			(32B) D
			(32B) TD
		SCIROCCO	(53B)
			(53B) 16V
		SHARAN	(7M8,7M9,7M6)
			(7M8,7M9,7M6) TDI
		TRANS-PORTER	III Box
			III Box D
			III Box TD
			III Box TD Syncro
			III Bus
			III Bus D
			III Bus TD
			III Bus TD Syncro
			III Flatbed/Chassis D
			III Flatbed/Chassis TD
			III Flatbed/Chassis TD Syncro
			IV Box (70XA)
			IV Box (70XA) D



continued

VOLKSWAGEN




PART NO.		APPLICATION GUIDE	
GWVW-11A*		PORTER IVBox (70XA) TD IVBus (70XB,70XC,7DB,7DW) IVBus (70XB,70XC,7DB,7DW) D IVBus (70XB,70XC,7DB,7DW) TD IVFlatbed/Chassis(70XD) IVFlatbed/Chassis(70XD) D IVFlatbed/Chassis(70XD) TD VENTO (1H2) (1H2) D (1H2) SDI (1H2) TD (1H2) TDI	
GWVW-11AH 026-121-005A/C 026-121-010C/F 037-121-010A/F 068-121-005A	76-90 1300 81- 1500 81-91 1600 82- 1800 82-92 1900 92- 2000	AUDI 80 (Inc diesel, & T diesel) AUDI 90 (T diesel) AUDI 100 1600,1800cc VW CADDY (Inc diesel, & T diesel) VW GOLF (Inc diesel, & T diesel) VW JETTA,SCIROCCO (Inc diesel, & T diesel) VW PASSAT (Inc diesel, & T diesel) VW TRANSPORTER (Inc diesel, & T diesel) VW VENTO (Inc diesel, & T diesel)	
GWVW-12A 030-121-005N/NX/NV 030121005T/TV/TX 030-121-008D/DX	87-94 1000 91-97 1300 91-98 1400 93-99 1600 94-02 1900 94-96 94-99 95-00 95-01 95-04 95-99 96-00 97-01 98-99 99-01 02 05	CADDY CADDY II 1.4 (AEE/AEX) FOX 1.4(ADX) POLO 1.0/1.6(AEE/AEA/AHS) II Box (9K9A) 60 II Box (9K9A) 75 II Estate (9K9B) II Pickup (9U7) II Pickup (9U7) D FOX (5Z1,5Z3) GOLF III(1H1) III Variant (1H5) POLO (6N1) 45 (6N1) 55 (6N1) 60 (6N1) 75 (6N2) (86C,80) CAT Box (6NF) CLASSIC (6KV2) 60 CLASSIC (6KV2) 75 Saloon Variant (6KV5) VENTO (1H2)	

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PART NO.		APPLICATION GUIDE	
GWVW-13A 361210050 036121005B/E 036-121-005E/R/S/Q 036121005EV/QX 036-121-005SX/EX 036121008E/K/KX/L/LV 036121008LX 036121011SV/SX	97-03	1200	CADDY II 1.4 (AUA/AUC)
	97-05	1400	BORA 1.6(BAD)
	98-05	1600	GOLF 1.4
	98-99	1900	POLO 1.4
	99-01		(1J2) 16V
	99-02		(1J2) FSI
	99-06		Estate (1J6) 16V
	99-09		Estate (1J6) FSI
	00-04		II Box (9K9A)
	00-05		II Estate (9K9B) 16V
	01		III Box (2KA,2KH,2CA,2CH)
	01-		III Box (2KA,2KH,2CA,2CH) 16V
	01-05		III Box (2KA,2KH,2CA,2CH) TDI
	01-08		III Estate (2KB,2KJ)
	02-05		III Estate (2KB,2KJ) 16V
	02-06		IV(1J1) 16V
	03		IV(1J1) FSI
	03-06		IVVariant (1J5) 16V
	04		IVVariant (1J5) FSI
	05-06		PLUS (5M1,521) 16V
	06		V (1K1) 16V
	07		V Variant (1K5)
	08		VI (5K1)
	09		VI Variant (AJ5)
			LUPO (6X1,6E1)
			(6X1,6E1) 16V
			(6X1,6E1) FSI
			(6X1,6E1) GTI
			NEW BEETLE (9C1,1C1)
			Convertible(1Y7)
			POLO (6N1) 120 1.6V GTI
			(6N2) 16V
			(6R_) 16V
			(6N2) 16V GTI
			CLASSIC (6KV2) 75 16V
			Saloon
			Variant (6KV5) 16V
GWVW-14A 030121005A 030-121-005S/AV/AX 030-121-008A/C/CX 030121008AX	95-01	1000	POLO III 1.0i (ALD/AUC)
	95-04	1400	CADDY 1.4(AUA)
	96-02		LUPO 1.0/1.4
	96-99		II Box (9K9A) 60
	97-01		II Estate (9K9B)
	98-		(6X1,6E1)
	98-05		(6N1) 50
	99-01		(6N2)
	00-		CLASSIC (6KV2) 60
	05		CLASSIC (6KV2) 75 16V
			Variant (6KV5)
			Variant (6KV5) 16V
GWVW-15A 021-121-004/A/AX/V/X 021-121-019A/B	91-96	2800	PPASSAT2.8,CORRADO2.9
	92-98	2900	GOLF III 2.8, VENTO2.8
	95-00		SHARAN2.8,TRANSPORTERIV
	99-05		BORA2.8,GOLFIV
			VR6
			V6



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PART NO.	APPLICATION GUIDE					
GWVW-16A 078-121-004 078-121-004H/HV/HX 078-121-004J/JV/JX 078-121-004Q/QX	90-94	1800	VW PASSAT2.8	V6		
	91-96	2400	VW PASSAT1.8			
	92-00	2500	VW PASSAT2.8 4motion,PASSAT2.5TDI 4motion			
	92-96	2600	VW PASSAT2.5TDI			
	94-05	2700	AUDI 100			
	94-96	2800	AUDI 80			
	95-01		AUDI COUPE			
	96-00		AUDI CABRIOLET			
	97-00		AUDI A8 2.8			
	97-05		AUDI A6 2.8/2.7/2.6			
	00-05		AUDI A6 1.8/24			
	03-05		AUDI A4 2.6/2.8			
	GWVW-17A 06F-121-011/R 06A-121-011/R	04-	2000	VW GOLF V2.0		
05-			VW JETTA III2.0, PASSAT2.0 FSI			
06-			VW EOS 2.0			
07-			VW GOLF V VARIANT2.0			
			AUDI A3 2.0, A4 2.0 AUDI A4 2.0AVANT, TT2.0			
GWVW-18A 038121011A/AV/AX		1896	BORA (1J2) 1.9 CADDY II 1.9 SDI/TDI GOLFIV (1J1) 1.9 SDI/TDI NEW BEETLE (9C1,1C1) 1.9 TDI POLO 1.9 SDI	(98.10-05.05) (95.11-04.01) (97.08-06.06) (98.10-04.06) (99.08-02.01)		
GWVW-19A 074-121-004 074-121-004A 074-121-004AV 074-121-004AX 074-121-004BV 074-121-004BX 074-121-004F 074-121-004FX 074-121-004NX 074-121-004V 074-121-004X 074-121-005M 074-121-005MV 074-121-005MX 074-121-005N 074-121-005NV 074-121-005NX 074-121-005P 076-121-005 076-121-005A	2461	AUDI A6 (4A,C4) 2.5	(95.01-97.10)	 NEW		
	2461	AUDI A6 (4A,C4) 2.5	(94.06-97.10)			
	2461	AUDI A6 (4A,C4) 2.5	(94.08-97.10)			
	2461	AUDI A6 (4A,C4) 2.5 quattro	(95.10-97.10)			
	2461	AUDI A6 Avant (4A,C4) 2.5	(95.01-97.12)			
	2461	AUDI A6 Avant (4A,C4) 2.5	(94.06-97.12)			
	2461	AUDI A6 Avant (4A,C4) 2.5	(94.08-97.12)			
	2461	AUDI A6 Avant (4A,C4) 2.5 quattro				
			(95.07-97.12)			
	2370	AUDI 100 (4A,C4) 2.4	(90.12-94.06)			
	2370	AUDI 100 Avant (4A,C4) 2.4	(90.12-94.06)			

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PART NO.	APPLICATION GUIDE		
GWVW-20A			
030.121.005N	1390	SEAT AROSA(6H) 1.4	(97.05-04.06)
030.121.005NV	1390	SEAT CORDOBA(6K1,6K2) 1.4i	(94.06-99.06)
030.121.005NX	1598	SEAT CORDOBA(6K1,6K2) 1.6i	(93.02-99.06)
030.121.005T	1598	SEAT CORDOBA(6K2) 1.6	(99.06-02.10)
030.121.005TX	1598	SEAT CORDOBA(6L2) 1.6	(03.04-09.11)
030.121.008D	1390	SEAT CORDOBA Vario(6K5)1.4	(99.06-02.12)
030.121.008DX	1390	SEAT CORDOBA Vario(6K5)1.4i	(96.09-99.06)
030.121.008K	1598	SEAT CORDOBA Vario(6K5)1.6	(99.06-02.12)
030.121.008L	1390	SEAT IBIZA II (6K1)1.4i	(93.09-99.08)
	1598	SEAT IBIZA II (6K1)1.6i	(93.03-99.08)
	1598	SEAT IBIZA III (6K1)1.6	(99.08-02.02)
	1598	SEAT IBIZA IV (6L1)1.6	(03.02-09.11)
	1390	SEAT INCA(6K9)1.4i	(95.11-03.06)
	1598	SEAT INCA(6K9)1.6i	(97.06-00.09)
	1598	SKODA FELICIA I (6U1)1.6LX	(95.08-98.03)
	1598	SKODA FELICIA I Estate(6U5)1.6GLX	(95.08-98.03)
	1598	SKODA FELICIA I Fun(797)1.6	(97.06-02.04)
	1598	SKODA FELICIA II (6U1)1.6	(98.01-01.06)
	1598	SKODA FELICIA II Estate(6U5)1.6	(98.01-01.06)
	1598	SKODA OCTAVIA(1U2)1.6	(96.09-04.09)
	1598	SKODA OCTAVIA Combi (1U5)1.6	(98.07-04.09)
	1390	VW CADDY II Box(9K9A)60 1.4	(95.11-04.01)
	1598	VW CADDY II Box(9K9A)75 1.6	(95.11-00.09)
	1390	VW CADDY II Estate(9K9B) 1.4	(95.11-04.01)
	1598	VW CADDY II Estate(9K9B) 1.6	(97.06-00.09)
	1598	VW CADDY II Pickup(9U7) 1.6	(96.06-00.12)
	1390	VW FOX(5Z1,5Z3) 1.4	(05.04-)
	1390	VW GOLF III(1H1) 1.4	(91.11-97.08)
	1390	VW GOLF III(1H1) 1.4	(91.10-97.08)
	1598	VW GOLF III(1H1) 1.6	(92.09-97.08)
	1390	VW GOLF III Variant(1H5) 1.4	(93.07-99.04)
	1598	VW GOLF III Variant(1H5) 1.6	(93.07-97.12)
	1043	VW POLO(6N1)45 1.0	(94.10-96.09)
	1296	VW POLO(6N1)55 1.3	(94.10-95.07)
	1390	VW POLO(6N1)55 1.4	(95.08-99.10)
	1390	VW POLO(6N1)60 1.4	(95.07-99.10)
	1598	VW POLO(6N1)75 1.6	(94.10-99.10)
	1390	VW POLO(6N2) 1.4	(99.10-01.09)
	1390	VW POLO BOX(6NF) 1.4	(98.05-99.12)
	1390	VW POLO CLASSIC(6KV2)60 1.4	(95.12-01.09)
	1598	VW POLO CLASSIC(6KV2)75 1.6	(95.11-01.09)
	1390	VW POLO Variant(6KV5) 1.4	(98.12-01.09)
	1390	VW POLO Variant(6KV5) 1.4	(97.05-01.09)
	1598	VW POLO Variant(6KV5) 1.6	(97.05-01.09)
	1390	VW VENTO(1H2) 1.4	(91.11-98.09)
	1598	VW VENTO(1H2) 1.6	(92.09-98.09)



VOLKSWAGEN






continued

VOLKSWAGEN

PART NO.	APPLICATION GUIDE		
GWVW-22A 045.121.011BX 045.121.011B 045.121.011BV 045.121.011F 045.121.011FX 045.121.011 1101228 1124940 1138725 1250684 1250685 1307485 1459215 3M21 8501 AA 3M21 8502 BA 6M21 8501 AA	1191	VOLKSWAGEN	
	1422	POLO(9N_)	(01.10-09.11)
	1422	POLO Saloon(9A4)	(03.07-)
	1896	SHARAN(7M8,7M9,7M6)	(05.0610.03)
	1896	MULTIVAN V	(06.01-09.11)
	1896	TRANSPORTER V BUS	(06.01-09.11)
	1896	TRANSPORTER V BOX	(06.01-09.11)
	1896	TRANSPORTER V Platform/chassis	(06.01-09.11)
	1896	FORD	
	1896	GALAXY(WGR) 1.9TDI	(05.05-06.05)
		SEAT	
		ALHAMBRA(7V8,7V9) 1.9TDI	(05.05-07.05)
		ALTEA XL(5P5,5P8) 1.9 TDI	(06.10-)
		CORDOBA(6L2) 1.4TDI	(05.05-09.11)
		CORDOBA(6L2) 1.9TDI	(02.09-09.11)
		IBIZA IV (6L1) 1.4	(05.05-09.11)
		IBIZA IV (6L1) 1.9	(02.02-09.11)
		SKODA	
		FABIA(6Y2)	(00.01-08.03)
		FABIA Saloon(6Y3)	(00.01-07.12)
		FABIA Combi(6Y5)	(00.04-07.12)
		OCTAVIA Combi(1z5)	(04.11-10.12)
		ROOMSTER(5J) 1.4	(06.09-10.03)





VOLVO

PART NO.		APPLICATION GUIDE	
GWVO-01A 271602 462639 4183273 4626396 270682-8 418327 419689 419691	59-71 1600 61-67 1800 61-75 2000 64-67 66-75 67-75 68-74 74-75 74-76	120,130,142,144,145,210,220 1800 SPORTS B18A/B/D,B20A/B/D/E 121 122 S AMAZON 544 122 S AMAZON Estate DUETT 140(142,144) 140(142,144) S 140 Estate (145) S 240 Kombi(P245) 240(P242,P244) 2200 Estate	
GWVO-02A* 326743 3267343 3267439 31009798 1011740-7 260787 32673436/8 32674392 3272024 W/HOUSING NO.	75-76 1100 75-78 1300 75-79 1400 75-86 83-86	DAF66 1289cc 343DL-GL 66 Estate DL 66 Estate GL 66 DL 66 GL 340-360(343,345) 340-360 Saloon(344) <u>GWVO-02A=(GWR-01A)</u>	
GWVO-03A 270681/-0 275619/-5 463425/-9	74- 2000 74-84 2100 74-89 2300 80-84 80-88 82- 82-84 82-88 83-92 84-90 85-89 85-92	240 series, 244 B17,B19,B23 360 series B21 eng 240 Kombi (P245) 240 Kombi (P245) Turbo 240 (P242,P244) 240 (P242,P244) Turbo 340-360 (343,345) 340-360 Saloon (344) 760 (704,764) Turbo (704) 740 (744) 740 (744) Turbo 740 Kombi (745) 760 Kombi (704,765) Turbo	



VOLVO

PART NO.	APPLICATION GUIDE					
GWVO-04A 270559 271830 271975 1326342/3/-1 270559-8 271275/-0 271830-0/-2 271975-5 354755-9	80-87	2000	B300,B200	240740760	940960	
	80-92	2100	240 (P242,P244)			
	82-88	2300	240 Kombi (P245)			
	83-87		240 Kombi (P245) CAT			
	84-90		240 Kombi (P245) i CAT			
	84-92		240 (P242,P244) i CAT			
	85-		740 (744)			
	85-90		740 (744) Turbo			
	85-92		740 Kombi (745) Turbo			
	86-93		740 Kombi (745)			
	90-93		760 (704,764) Turbo (704)			
	90-94		760 Kombi (704,765) Turbo			
	91-92		760 (704,764)			
	94-98		940 (944)			
	95-98		940 (944) Turbo			
			940 Kombi (945)			
			940 Kombi (945) Turbo			
			940 II (944)			
			940 II (944) ti			
			940 II (944) Turbo			
			940 II Estate (945)			
			940 II Estate (945) ti			
			940 II Estate (945) Turbo			
			960 (964)			
			960 Kombi (965)			
						
GWVO-05A 7401269 1269299-2 1269874-2	81-88	2800	760 (704,764) (704,764)			
	86-90	2900	760 (704,764) (704)			
	86-91		760 Kombi (704,765) (765)			
			780			
GWVO-06A 1257185-7 271613 1257185 2716132 12571857 69121004	78-93	2400	244,245	760 TURBO	5,6cyl diesel	
	79-		240 (P242,P244) Diesel			
	79-93		240 Kombi (P245) Diesel			
	82-92		740 (744) Diesel			
	84-92		740 Kombi (745) Diesel			
	85-88		740 Kombi (745) Turbo-Diesel			
	85-92		740 Kombi (745) TD Interc.			
	86-88		760 (704,764) D			
	87-92		760 Kombi (704,765) D			
	90-94		760 (704,764) Turbo Diesel (704)			
	90-95		760 (704,764) TD Interc.(704)			
	91-94		760 Kombi (704,765)			
			TD Interc.(765)			
			940 Kombi (945) D			
			940 Kombi (945) Turbo Diesel			
			940 Kombi (945) TD Intercooler			
			940 (944) D			
			940 (944) Turbo Diesel			
			940 (944) TD Intercooler			
			960 Kombi (965) TD Interc.			
			960 (964) TD Interc.			
						




VOLVO

PART NO.	APPLICATION GUIDE		
GWVO-07A			
271855	90-94	1600	VOLVO 850,960
2716470	91-96	1800	850 (LS)
30650751	92-96	1900	850 (LS) Turbo
30684432	93-96	2000	850 (LS) T5
30751700	95-03	2300	850 (LS) T5-R
216470	95-04	2400	850 Estate (LW)
271647	95-96	2500	850 Estate (LW) Turbo
271985/6	96	2900	850 Estate (LW) T5
272457/74/76/81	96-00		850 Estate (LW) T5-R
	96-99		850 Estate (LW) AWD
	97-00		960 (964)
	97-02		960 Kombi (965)
	97-03		C30 I
	97-04		C30 T5
	97-99		C70 I Convertible
	98-00		C70 I Convertible T
	98-05		C70 I Convertible T5
	98-06		C70 I Coupe
	00		C70 I Coupe T
	00-03		C70 I Coupe T5
	00-04		C70 II Convertible
	01		C70 II Convertible i
	01-02		C70 II Convertible T5
	01-03		S40 I (VS)
	01-04		S40 I (VS) i
	01-06		S40 I (VS) T4
	02		S40 I (VS) T
	03		S40 II (MS)
	03-06		S40 II (MS) AWD
	04		S40 II (MS) T
	04-07		S40 II (MS) T5 AWD
	06		S60
	06-07		S60 T
	06-10		S60 Bifuel
	07		S60 T AWD
	08		S60 T5
	08-10		S60 R T AWD
			S70 (P80_)
			S70 (P80_) Turbo
			S70 (P80_) T-5
			S70 (P80_) AWD
			S70 (P80_) T-5 AWD
			S70 (P80_) Bifuel
			S80 (TS,XY)
			S80 (TS,XY) T
			S80 (TS,XY) Bifuel
			S80 (TS,XY) T5 AWD
			S80 (TS,XY) T AWD
			S80 II T
			S80 II T FlexFuel
			V40 Estate (VW)
			V40 Estate (VW) i
			V40 Estate (VW) T4
			V40 Estate (VW) T
			V50 (MW)
			V50 (MW) T5
			V50 (MW) T5 AWD
			V70 I Estate (P80_)
			V70 I Estate (P80_) Turbo
			V70 I Estate (P80_) Turbo AWD
			V70 I Estate (P80_) AWD
			V70 I Estate (P80_) T AWD



continued

VOLVO

PART NO.	APPLICATION GUIDE	
GWVO-07A		<p> V70 I Estate (P80_) T-5 V70 I Estate (P80_) T-5 AWD V70 I Estate (P80_) Bifuel V70 II Estate (P80_) V70 II Estate (P80_) T V70 II Estate (P80_) T5 V70 II Estate (P80_) Bifuel V70 II Estate (P80_) T AWD V70 II Estate (P80_) R T AWD V70 III Estate T V70 III Estate T FlexiFuel XC 90 T XC70 CROSS COUNTRY T XC AWD </p> 
<u>DISCONTINUED</u>		<p><u>GWVO-08A (SUPERSEDED BY GWVO-07A)</u></p>

APPLICATION GUIDE

AMC(AMERICAN MOTOR & JEEP)

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
JEEP				
CHEROKEE	85-87	2.1L(126) DIESEL (4CYL)		JR775056
	84-86	2.5L(150) W/SERPENTINE BELT (4CYL)	GWAM-05A	J8134321
	84-86	2.5L(150) W/O SERPENTINE BELT (4CYL)	GWAM-03A	J8134320
	87-90	2.5L(150) W/SERPENTINE BELT (4CYL)	GWAM-06A	JR775047
	87-90	2.5L(150) W/O SERPENTINE BELT (4CYL)	GWAM-07A	JR775046
	91-99	2.5L(150) (4CYL)	GWAM-09A	4626054
	00	2.5L(150) (4CYL)	GWAM-09A	4626054AD
	84-86	2.8L(173) (6CYL)	GWG-17A	JR775049
	87-01	4.0L(242) (6CYL)	GWAM-08A	JR775122
	76-79	4.2L(258) 6CYL	GWAM-01A	8129459
	80-83	4.2L(258) W/O SERPENTINE BELT (6CYL)	GWAM-03A	J8134320
	81-83	4.2L(258) W/SERPENTINE BELT (6CYL)	GWAM-05A	J8134321
	76-79	4.6L(401) 8CYL	GWAM-04A	J8125131
	73-83	5.9L(360) 8CYL	GWAM-04A	J8125131
	74-78	6.6L(401) 8CYL	GWAM-04A	J8125131
CJ5	80-83	2.5L(151) 4CYL	GWG-12A	J8132274
	75-78	3.8L(232) 6CYL	GWAM-01A	8129459
	75-79	4.2L(258) 6CYL	GWAM-01A	8129459
	80-83	4.2L(258) W/O SERPENTINE BELT (6CYL)	GWAM-03A	J8134320
	81-83	4.2L(258) W/SERPENTINE BELT (6CYL)	GWAM-05A	J8134321
	73-81	5.0L(304) 8CYL	GWAM-04A	J8125131
CJ6	75	3.8L(232) 6CYL	GWAM-01A	8129459
	75	4.2L(258) 6CYL	GWAM-01A	8129459
	73-79	5.0L(304) 8CYL	GWAM-04A	J8125131
CJ7	80-83	2.5L(151) 4CYL GM Eng	GWG-12A	J8132274
	83-84	2.5L(150) W/SERPENTINE BELT (4CYL)	GWAM-05A	J8134321
	83-84	2.5L(150) W/O SERPENTINE BELT (4CYL)	GWAM-03A	J8134320
	85-86	2.5L(150) W/SERPENTINE BELT (4CYL)	GWAM-06A	JR775047
	85-86	2.5L(150) W/O SERPENTINE BELT (4CYL)	GWAM-07A	JR775046
	76-78	3.8L(232) 6CYL	GWAM-01A	8129459
	76-79	4.2L(258) 6CYL	GWAM-01A	8129459
	80-84	4.2L(258) W/O SERPENTINE BELT (6CYL)	GWAM-03A	J8134320
	81-84	4.2L(258) W/SERPENTINE BELT (6CYL)	GWAM-05A	J8134321
	85-86	4.2L(258) W/SERPENTINE BELT (6CYL)	GWAM-06A	JR775047
	85-86	4.2L(258) W/O SERPENTINE BELT (6CYL)	GWAM-07A	JR775046
	76-81	5.0L(304) 8CYL	GWAM-04A	J8125131
COMMANDO	73	5.0L(304) 8CYL	GWAM-04A	J8125131
COMANCHE	86-87	2.1L(126) DIESEL (4CYL)		JR775056
	86	2.5L(150) W/SERPENTINE BELT (4CYL)	GWAM-05A	J8134321
	86	2.5L(150) W/O SERPENTINE BELT (4CYL)	GWAM-03A	J8134320
	87-90	2.5L(150) W/SERPENTINE BELT (4CYL)	GWAM-06A	JR775047
	87-90	2.5L(150) W/O SERPENTINE BELT (4CYL)	GWAM-07A	JR775046
	91-92	2.5L(150) (4CYL)	GWAM-09A	4626054
	86	2.8L(173) (6CYL)	GWG-17A	JR775049
	87-02	4.0L(242) (6CYL)	GWAM-08A	JR775122
COMMANDER	06-10	3.7L(226) (6CYL)	GWCR-41A	53022189AA
	06-09	4.7L(285) (8CYL)	GWCR-41A	53022189AA
	06-08	5.7L(345) (8CYL)	GWCR-42A	4792838AA
	09-10	5.7L(345) (8CYL)		53022095AE
COMPASS	07-11	2.0L(122) (4CYL)		6804138AA
	07-11	2.4L(144) (4CYL)		68046026AA
DJ5	74	5.0L(304) 8CYL	GWAM-04A	J8125131

AMC(AMERICAN MOTOR & JEEP)

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
GRAND CHEROKEE	07-09	3.0L(182) DIESEL (6CYL)		5175580AA
	05-10	3.7L(226) (6CYL)	GWCR-41A	53022189AA
	93-98	4.0L(242) (6CYL)	GWAM-09A	4626054
	99-04	4.0L(242) (6CYL)	GWAM-10A	5012366AA
	99-10	4.7L(287) (8CYL)	GWCR-41A	53020873AB
	93-98	5.2L(318) (8CYL)	GWCR-36A	53021018AD
	05-08	5.7L(345) (8CYL)	GWCR-42A	4792838AA
	09-10	5.7L(345) (8CYL)		53022095AE
	98	5.9L(360) (8CYL)	GWCR-36A	53021018
	06-10	6.1L(370) (8CYL)	GWCR-42A	4792838AA
GRAND WAGONEER	84-86	4.2L(258) W/O SERPENTINE BELT (6CYL)	GWAM-03A	J8134320
	84-86	4.2L(258) W/SERPENTINE BELT (6CYL)	GWAM-05A	J8134321
	93	5.2L(318) (8CYL)	GWCR-36A	53021018AD
	84-91	5.9L(360) (8CYL)	GWAM-04A	JR775050
J10	75-79	4.2L(258) 6CYL	GWAM-01A	8129459
	80-86	4.2L(258) W/O SERPENTINE BELT (6CYL)	GWAM-03A	J8134320
	81-86	4.2L(258) W/SERPENTINE BELT (6CYL)	GWAM-05A	J8134321
	87	4.2L(258) W/SERPENTINE BELT (6CYL)	GWAM-06A	JR775047
	87	4.2L(258) W/O SERPENTINE BELT (6CYL)	GWAM-07A	JR775046
	74-88	5.9L(360) (8CYL)	GWAM-04A	JR775050
	74-78	6.6L(401) 8CYL	GWAM-04A	JR775050
J20	76	4.2L(258) 6CYL	GWAM-01A	8129459
	74-88	5.9L(360) (8CYL)	GWAM-04A	JR775050
	74-78	6.6L(401) 8CYL	GWAM-04A	JR775050
J-2500	73	5.9L(360) (8CYL)	GWAM-04A	JR775050
J-2600	73	5.9L(360) (8CYL)	GWAM-04A	JR775050
J-4500	73	5.0L(304) 8CYL	GWAM-04A	JR775050
	73	5.9L(360) (8CYL)	GWAM-04A	JR775050
J-4600	73	5.0L(304) 8CYL	GWAM-04A	JR775050
	73	5.9L(360) (8CYL)	GWAM-04A	JR775050
J-4700	72	5.0L(304) 8CYL	GWAM-04A	JR775050
	73	5.9L(360) (8CYL)	GWAM-04A	JR775050
J-4800	72	5.0L(304) 8CYL	GWAM-04A	JR775050
	73	5.9L(360) (8CYL)	GWAM-04A	JR775050
JEEPSTER	73	5.0L(304) 8CYL	GWAM-04A	JR775050
LIBERTY	02-05	2.4L(148) (4CYL)	GWCR-39A	4694307AB
	05-06	2.8L(171) (4CYL)		5142985AA
	02-12	3.7L(226) (6CYL)	GWCR-41A	53021187AA
PATRIOT	07-11	2.0L(122) (4CYL)		6804138AB
	07-11	2.4L(144) (4CYL)		68046026AA
SCRAMBLER	81-83	2.5L(151) 4CYL GM Eng	GWG-12A	J8132274
	83-84	2.5L(150) W/SERPENTINE BELT (4CYL)	GWAM-05A	J8134321
	83-84	2.5L(150) W/O SERPENTINE BELT (4CYL)	GWAM-03A	J8134320
	85	2.5L(150) W/SERPENTINE BELT (4CYL)	GWAM-06A	JR775047
	85	2.5L(150) W/O SERPENTINE BELT (4CYL)	GWAM-07A	JR775046
	81-84	4.2L(258) W/SERPENTINE BELT (6CYL)	GWAM-05A	J8134321
	81-84	4.2L(258) W/O SERPENTINE BELT (6CYL)	GWAM-03A	J8134320
	85	4.2L(258) W/SERPENTINE BELT (6CYL)	GWAM-06A	JR775047
	85	4.2L(258) W/O SERPENTINE BELT (6CYL)	GWAM-07A	JR775046

AMC(AMERICAN MOTOR & JEEP)

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
TJ	03-06	2.4L(148) 4CYL	GWCR-39A	4694307
	97-02	2.5L(150) 4CYL	GWAM-09A	4626054
	97-99	4.0L(242) 6CYL	GWAM-09A	4626054
	00-06	4.0L(242) 6CYL	GWAM-10A	53010417
WAGONEER	85	2.1L(126) DIESEL (4CYL)		J0775056
	84-86	2.5L(150) W/SERPENTINE BELT (4CYL)	GWAM-05A	J8134321
	84-86	2.5L(150) W/O SERPENTINE BELT (4CYL)	GWAM-03A	J8134320
	87	2.5L(150) W/SERPENTINE BELT (4CYL)	GWAM-06A	JR775047
	87	2.5L(150) W/O SERPENTINE BELT (4CYL)	GWAM-07A	JR775046
	84-86	2.8L(173) (6CYL)	GWG-17A	JR775049
	87-90	4.0L(242) (6CYL) Hub Height 3 5/16 inch	GWAM-08A	JR775122
	88-90	4.0L(242) (6CYL) Hub Height 2 5/8 inch	GWAM-06A	JR775047
	80-83	4.2L(258) W/O SERPENTINE BELT (6CYL)	GWAM-03A	J8134320
	81-83	4.2L(258) W/SERPENTINE BELT (6CYL)	GWAM-05A	J8134321
	73-83	5.9L(360) 8CYL	GWAM-04A	JR775050
	73-78	6.6L(401) 8CYL	GWAM-04A	JR775050
WRANGLER	03-06	2.4L(148) (4CYL)	GWCR-39A	4694307AC
	87-90	2.5L(150) W/SERPENTINE BELT (4CYL)	GWAM-06A	JR775047
	87-90	2.5L(150) W/O SERPENTINE BELT (4CYL)	GWAM-07A	JR775046
	91-00	2.5L(150) (4CYL)	GWAM-09A	4626054
	01-02	2.5L(150) (4CYL)	GWAM-09A	4626054AD
	07-10	3.8L(231) (6CYL)		4666044AA
	97-99	4.0L(242) (6CYL)	GWAM-09A	4626054AD
	00-06	4.0L(242) (6CYL)	GWAM-10A	5012366AA
	87-89	4.2L(258) W/SERPENTINE BELT (6CYL)	GWAM-06A	JR775047
	87-89	4.2L(258) W/O SERPENTINE BELT (6CYL)	GWAM-07A	JR775046

BEDFORD

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
BEDFOR (SEE VAUXHALL)				
AUTO BIANCHI	71-86	A112(0.9L)	GWFI-10A	4384129
	76-85	A112(1.0L)	GWFI-10A	4384129
	85-89	Y10(1.0L)		5973713
	85-89	Y10(1.05L)	GWFI-07A	4336009
	85-89	Y10(1.1L)		5973713
	89-94	Y10(1.3L)	GWFI-07A	4336009
BLITZ	01,73-10,87	2.3L(2260cc) 23D	GWO-01A	1334032
	01,73-10,87	2.3L(2260cc) 23D	GWO-08AP	1334045
CHVANNE	06,76-02,80	1.3L(1256cc)	GWBF-05A	9960156
	03,80-12,82	1.3L(1256cc)	GWBF-06A	91055181
VAUXHALL				
CHEVETTE	09,76-12,85	1.2L 13N	GWBF-05A	9960156
	03,75-12,85	1.3L(1256cc) 13N,13S	GWBF-05A	9960156
CHEVETTE 1300	03,75-12,85	1.3L(1256cc) 13N,13S	GWBF-05A	9960156
CHEVETTE CC 1300	03,75-12,85	1.3L(1256cc) 13N,13S	GWBF-05A	9960156
CHEVETTE ESTATE 1.2	09,76-12,85	1.3L(1256cc) 13N	GWBF-05A	9960156
CHEVETTE ESTATE 1300	09,76-12,85	1.3L(1256cc) 13S	GWBF-05A	9960156
FIRENZA COUPE 1300	01,71-10,73	1.3L(1256cc)	GWBF-01A	8829223
VIVA	10,71-10,79	1.3L(1256cc)	GWBF-05A	9960156
VIVA 1256	10,71-10,73	1.3L(1256cc)	GWBF-01A	8829223
	12,73-10,75	1.3L(1256cc)	GWBF-05A	9960156
VIVA 1300	10,75-10,79	1.3L(1256cc)	GWBF-05A	9960156
VIVA COUPE 1256 E	10,71-11,73	1.3L(1256cc)	GWBF-01A	8829223
	12,73-10,75	1.3L(1256cc)	GWBF-05A	9960156
VIVA ESTATE 1256	10,71-11,73	1.3L(1256cc)	GWBF-01A	8829223
	12,73-10,75	1.3L(1256cc)	GWBF-05A	9960156
VIVA ESTATE 1300	10,75-10,79	1.3L(1256cc)	GWBF-05A	9960156

BMW

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
BAVARIA	72-74	2.8L(2788cc) M30 Eng 6CYL	GWBM-05A	1151-0786-800
	72-74	3.0L(2985cc) M30 Eng 6CYL	GWBM-05A	1151-0786-800
2.8 BAVARIA	71	2.8L(2788cc) M30 Eng 6CYL	GWBM-05A	1151-0786-800
1600	64-71	1.6L(1573cc) 4CYL		1151-1256-600
1600-2	66-67	1.6L(1573cc) 4CYL		1151-1256-600
1600ti	66-68	1.6L(1573cc) 4CYL		1151-1256-600
1602	67-71	1.6L(1573cc) 4CYL		1151-1256-600
1800	68-71	1.8L(1766cc) 4CYL		1151-1256-600
1800ti	64-65	1.8L(1766cc, 1773cc) 4CYL		1151-1256-600
2000	66-72	2.0L(1990cc) 4CYL		1151-1256-600
2000c	65-70	2.0L(1990cc) 4CYL		1151-1256-600
2000cs	65-70	2.0L(1990cc) 4CYL		1151-1256-600
2000ti	66-71	2.0L(1990cc) 4CYL		1151-1256-600
2000tii	68-72	2.0L(1990cc) 4CYL		1151-1256-600
2002	66-76	2.0L(1990cc) 4CYL		1151-1256-600
2002ti	70-71	2.0L(1990cc) 4CYL		1151-1256-600
2002tii	71-74	2.0L(1990cc) 4CYL		1151-1256-600
2800	68-69	2.8L(2788cc) 6CYL	GWBM-06A	1151-1707-192
	70-73	2.8L(2788cc) 6CYL	GWBM-05A	1151-0786-800
	74	2.8L(2788cc) 6CYL	GWBM-06A	1151-1707-192
2800CS	68	2.8L(2788cc) 6CYL	GWBM-06A	1151-1707-192
	69-71	2.8L(2788cc) 6CYL	GWBM-05A	1151-0786-800
3.0CS	71	3.0L(2985cc) 6CYL	GWBM-06A	1151-1707-192
	72-74	3.0L(2985cc) 6CYL	GWBM-05A	1151-0786-800
3.0CSi	71	3.0L(2985cc) 6CYL	GWBM-06A	1151-1707-192
	72-74	3.0L(2985cc) 6CYL	GWBM-05A	1151-0786-800
	76	3.0L(2985cc) 6CYL w/o Thread on Style Fan Clutch	GWBM-05A	1151-0786-800
	76	3.0L(2985cc) 6CYL w/Thread on Style Fan Clutch	GWBM-06A	1151-1707-192
3.0CSL	71	3.0L(2985cc) 6CYL	GWBM-06A	1151-1707-192
3.0S	71	3.0L(2985cc) 6CYL	GWBM-06A	1151-1707-192
	72-74	3.0L(2985cc) 6CYL	GWBM-05A	1151-0786-800
3.0Si	75-76	3.0L(2985cc) 6CYL w/o Thread on Style Fan Clutch	GWBM-05A	1151-0786-800
	75-76	3.0L(2985cc) 6CYL w/Thread on Style Fan Clutch	GWBM-06A	1151-1707-192
316i	87-91	1.6L(1596cc) E30 Saloon	GWBM-10A	1151-1715-292
	91-94	1.6L(1596cc) E30 Estate	GWBM-10A	1151-1715-292
	90-98	1.6L(1596cc) E36 Saloon	GWBM-11A	1151-1734-602
	93-99	1.6L(1596cc) E36 Coupe	GWBM-11A	1151-1734-602
	96-99	1.6L(1596cc) E36 Estate	GWBM-11A	1151-1734-602
	98-05	1.9L(1895cc) E46 Saloon	GWBM-11A	1151-1734-602

BMW

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
318Ci	99-01	1.9L(1895cc) E46 Coupe	GWBM-11A	1151-1734-602
318i	84-85	1.8L(1766cc) M10 Eng 4CYL	GWBM-02A	1151-1721-477
	87-91	1.8L(1796cc) Saloon	GWBM-10A	1151-1715-292
	89-94	1.8L(1796cc) Estate	GWBM-10A	1151-1715-292
	90-93	1.8L(1796cc) Convertible	GWBM-10A	1151-1715-292
	90-98	1.8L(1796cc) M42 Eng 4CYL	GWBM-11A	1151-1734-602
	96-98	1.9L(1895cc) M44 Eng 4CYL	GWBM-11A	1151-1734-602
318iC	91-95	1.8L(1796cc) M42 Eng 4CYL	GWBM-11A	1151-1734-602
	96-97	1.9L(1895cc) M44 Eng 4CYL	GWBM-11A	1151-1734-602
318is	89-91	1.8L(1796cc) E30 Saloon	GWBM-11A	1151-1734-602
	91-95	1.8L(1796cc) M42 Eng 4CYL	GWBM-11A	1151-1734-602
	92-95	1.8L(1796cc) E36 Coupe	GWBM-11A	1151-1734-602
	93-98	1.8L(1796cc) E36 Saloon	GWBM-11A	1151-1734-602
	96-97	1.9L(1895cc) M44 Eng 4CYL	GWBM-11A	1151-1734-602
318ti	84-85	1.8L(1766cc) M10 Eng 4CYL	GWBM-02A	1151-1721-477
	95	1.8L(1796cc) M42 Eng 4CYL	GWBM-11A	1151-1734-602
	96-99	1.9L(1895cc) M44 Eng 4CYL	GWBM-11A	1151-1734-602
320i	80-83	1.8L(1766cc) M10 Eng 4CYL	GWBM-01A	1151-1258-933
	77-79	2.0L(1990cc) 4CYL	GWBM-01A	1151-1258-933
323Ci	00	2.5L(2494cc) M52 Eng 6CYL	GWBM-09A	1151-7527-910
323i	99-00	2.5L(2494cc) M52 Eng 6CYL	GWBM-09A	1151-7527-910
323iC	98-99	2.5L(2494cc) M52 Eng 6CYL	GWBM-09A	1151-7527-799
323is	98-99	2.5L(2494cc) M52 Eng 6CYL	GWBM-09A	1151-7527-799
325	86-87	2.7L(2693cc) M20 Eng 6CYL	GWBM-04A	1151-1706-588
	88	2.7L(2693cc) M20 Eng 6CYL	GWBM-08A	1151-1720-609
325Ci	01-06	2.5L(2494cc) M54,M56 Eng 6CYL	GWBM-09A	1151-7527-910
325e	84-87	2.7L(2693cc) M20 Eng 6CYL	GWBM-04A	1151-1706-588
325es	86-87	2.7L(2693cc) M20 Eng 6CYL	GWBM-04A	1151-1706-588
325i	87	2.5L(2494cc) M20 Eng 6CYL	GWBM-04A	1151-1706-588
	88-93	2.5L(2494cc) M20 Eng 6CYL	GWBM-08A	1151-1720-609
	92-05	2.5L(2494cc) M50,M54,M56 Eng 6CYL	GWBM-09A	1151-7527-910
	06	3.0L(2996cc) N52 Eng 6CYL	GWBM-09A	1151-7546-994
325is	87	2.5L(2494cc) M20 Eng 6CYL	GWBM-04A	1151-1706-588
	88-91	2.5L(2494cc) M20 Eng 6CYL	GWBM-08A	1151-1720-609
	92-95	2.5L(2494cc) M50 Eng 6CYL	GWBM-09A	1151-1722-536
325iX	88-91	2.5L(2494cc) M20 Eng 6CYL	GWBM-08A	1151-1720-609
325xi	01-05	2.5L(2494cc) M54 Eng 6CYL	GWBM-09A	1151-7527-910
	06	3.0L(2996cc) N52 Eng 6CYL	GWBM-09A	1151-7546-994
328Ci	00	2.8L(2793cc) M52 Eng 6CYL	GWBM-09A	1151-7527-910
328i	96-00	2.8L(2793cc) M52 Eng 6CYL	GWBM-09A	1151-7527-910
	07-10	3.0L(2996cc) N51,N52 Eng 6CYL		1151-7586-925
328i XDRIVE	09-10	3.0L(2996cc) N51,N52 Eng 6CYL		1151-7586-925

BMW

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
328IC	96-99	2.8L(2793cc) M52 Eng 6CYL	GWBM-09A	1151-7527-799
328is	96-99	2.8L(2793cc) M52 Eng 6CYL	GWBM-09A	1151-7527-799
328XI	07-08	3.0L(2996cc) N51,N52 Eng 6CYL		1151-7563-183
330CI	01-06	3.0L(2979cc) M54 Eng 6CYL	GWBM-09A	1151-7527-910
330i	01-05	3.0L(2979cc) M54 Eng 6CYL	GWBM-09A	1151-7527-910
	06	3.0L(2996cc) N52 Eng 6CYL	GWBM-09A	1151-7546-994
330xi	01-05	3.0L(2979cc) M54 Eng 6CYL	GWBM-09A	1151-7527-910
	06	3.0L(2996cc) N52 Eng 6CYL	GWBM-09A	1151-7546-994
335D	09-10	3.0L(2993cc) M57T2D30 Eng Diesel 6CYL		1151-7805-812
335I	07-10	3.0L(2979cc) N54 Eng 6CYL		1151-7563-659
335I XDRIVE	09-10	3.0L(2979cc) N54 Eng 6CYL		1151-7563-659
335XI	07-08	3.0L(2979cc) N54 Eng 6CYL		1151-7563-659
3 SERIES	77-81	6CYL FIXED FAN	GWBM-03A	1151-1267-187
	77-81	323i(E21) 6CYL FIXED FAN	GWBM-03A	1151-1267-187
5 SERIES	77-81	6CYL	GWBM-03A	1151-1267-187
518i	89-95	1.8L(1796cc) E34 Saloon	GWBM-10A	1151-1715-292
	93-94	1.8L(1796cc) E34 Estate	GWBM-10A	1151-1715-292
	89-95	1.8L(1796cc) E34 Saloon	GWBM-11A	1151-1734-602
	94-97	1.8L(1796cc) E34 Estate	GWBM-11A	1151-1734-602
518g	95-96	1.8L(1796cc) E34 Estate	GWBM-11A	1151-1734-602
524td	85-86	2.4L(2443cc) M21 Eng Diesel 6CYL		1151-2241-641
525i	89-90	2.5L(2494cc) M20 Eng 6CYL	GWBM-08A	1151-1720-609
	92-05	2.5L(2494cc) M50,M54 Eng 6CYL	GWBM-09A	1151-1722-536
	06-07	3.0L(2996cc) N52 Eng 6CYL	GWBM-09A	1151-7546-994
525iT	93-95	2.5L(2494cc) M50 Eng 6CYL	GWBM-09A	1151-1722-536
525XI	06-07	3.0L(2996cc) N52 Eng 6CYL	GWBM-09A	1151-7546-994
528e	82-87	2.7L(2693cc) M20 Eng 6CYL	GWBM-04A	1151-1706-588
	88	2.7L(2693cc) M20 Eng 6CYL	GWBM-08A	1151-1719-836
528i	79	2.8L(2788cc) 6CYL w/Thread on Style Fan Clutch	GWBM-04A	1151-1706-588
	79	2.8L(2788cc) 6CYL w/o Thread on Style Fan Clutch	GWBM-05A	1151-0786-800
	80-81	2.8L(2788cc) 6CYL	GWBM-04A	1151-1706-588
	80-81	2.8L(2788cc) M30 Eng 6CYL	GWBM-06A	1151-1707-192
	97-00	2.8L(2793cc) M52 Eng 6CYL	GWBM-09A	1151-7527-799
	08-10	3.0L(2996cc) N52 Eng 6CYL		1151-7586-925
528i XDRIVE	09-10	3.0L(2996cc) N52 Eng 6CYL		1151-7586-925
528IT	99-00	2.8L(2793cc) M52 Eng 6CYL	GWBM-09A	1151-7527-910
528XI	08	3.0L(2996cc) N52 Eng 6CYL		1151-7586-925
530i	75-78	3.0L(2985cc) 6CYL	GWBM-05A	1151-0786-800
	94-95	3.0L(2997cc) M60 Eng 8CYL		1151-0007-042
	01-05	3.0L(2979cc) M54 Eng 6CYL	GWBM-09A	1151-7527-910
	06-07	3.0L(2996cc) N52 Eng 6CYL	GWBM-09A	1151-7546-994

BMW

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
530IT	94-95	3.0L(2997cc) M60 Eng 8CYL		1151-0007-042
530XI	06-07	3.0L(2996cc) N52 Eng 6CYL	GWBM-09A	1151-7546-994
533i	83-84	3.2L(3210cc) M30 Eng 6CYL	GWBM-06A	1151-9070-761
535i	85-93	3.5L(3430cc) M30 Eng 6CYL	GWBM-06A	1151-9070-761
	08-10	3.0L(2979cc) N54 Eng 6CYL		1151-7563-659
535i XDRIVE	09-10	3.0L(2979cc) N54 Eng 6CYL		1151-7563-659
535is	88	3.5L(3430cc) M30 Eng 6CYL	GWBM-06A	1151-9070-761
535XI	08	3.0L(2979cc) N54 Eng 6CYL		1151-7563-659
540i	94-95	4.0L(3982cc) M60 Eng 8CYL		1151-0007-042
	97-98	4.4L(4398cc) M62 Eng 8CYL		1151-0393-340
	99-03	4.4L(4398cc) M62 Eng 8CYL		1151-0393-336
540IT	99-00	4.4L(4398cc) M62 Eng 8CYL		1151-0393-336
545i	04-05	4.4L(4398cc) N62 Eng 8CYL		1151-7524-552
550i	06-10	4.8L(4837cc) N62 Eng 8CYL		1151-7586-779
550i GT	10	4.4L(4395cc) N63Eng 8CYL		1151-7548-264
630CSi	77-78	3.0L(2985cc) M30 Eng 6CYL	GWBM-05A	1151-0786-800
633CSi	78-79	3.2L(3210cc) M30 Eng 6CYL	GWBM-05A	1151-0786-800
	80-84	3.2L(3210cc) M30 Eng 6CYL	GWBM-06A	1151-9070-761
635CSi	85-89	3.5L(3430cc) M30 Eng 6CYL	GWBM-06A	1151-9070-761
645CI	04-05	4.4L(4398cc) N62 Eng 8CYL		1151-7524-552
650i	06-10	4.8L(4837cc) N62 Eng 8CYL		1151-7586-779
733i	78-79	3.2L(3210cc) M30 Eng 6CYL	GWBM-05A	1151-0786-800
	80-84	3.2L(3210cc) M30 Eng 6CYL	GWBM-06A	1151-9070-761
735i	85-87	3.5L(3430cc) M30 Eng 6CYL	GWBM-05A	1151-1707-415
	88-92	3.5L(3430cc) M30 Eng 6CYL	GWBM-06A	1151-9070-761
735iL	88-92	3.5L(3430cc) M30 Eng 6CYL	GWBM-06A	1151-9070-761
740i	93-94	4.0L(3982cc) M60 Eng 8CYL		1151-0007-042
	95	4.0L(3982cc) M60 Eng 8CYL		1151-1742-517
	97-98	4.4L(4398cc) M62 Eng 8CYL		1151-0393-340
	99-01	4.4L(4398cc) M62 Eng 8CYL		1151-0393-336
740iL	93-94	4.0L(3982cc) M60 Eng 8CYL		1151-0007-042
	95	4.0L(3982cc) M60 Eng 8CYL		1151-1742-517
	96-98	4.4L(4398cc) M62 Eng 8CYL		1151-0393-340
	99-01	4.4L(4398cc) M62 Eng 8CYL		1151-0393-336
745i	02-04	4.4L(4398cc) N62 Eng 8CYL (To 10/03)		1151-7508-496
	04-05	4.4L(4398cc) N62 Eng 8CYL (From 10/03)		1151-7524-552
745Li	02-05	4.4L(4398cc) N62 Eng 8CYL		1151-7524-552
750i	06-08	4.8L(4837cc) N62 Eng 8CYL		1151-7586-779
	09-10	4.4L(4395cc) N63Eng 8CYL		1151-7548-264

BMW

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
750I XDRIVE	10	4.4L(4395cc) N63Eng 8CYL		1151-7548-264
750iL	88-94	5.0L(4988cc) M70 Eng 12CYL		1151-0007-040
	95-98	5.4L(5379cc) M73 Eng 12CYL		1151-1741-980
	98-01	5.4L(5379cc) M73 Eng 12CYL		1151-1714-212
750Li	06-08	4.8L(4837cc) N62 Eng 8CYL		1151-7586-779
	09-10	4.4L(4395cc) N63Eng 8CYL		1151-7548-264
750Li XDRIVE	10	4.4L(4395cc) N63Eng 8CYL		1151-7548-264
760I	04-06	6.0L(5972cc) N73 Eng 12CYL		1151-7508-496
760Li	06-08	6.0L(5972cc) N73 Eng 12CYL		1151-7586-780
840Ci	94-95	4.0L(3982cc) M60 Eng 8CYL		1151-0393-340
	96-97	4.4L(4398cc) M62 Eng 8CYL		1151-0393-340
850Ci	93-94	5.0L(4988cc) M70 Eng 12CYL		1151-0007-041
	95-97	5.4L(5379cc) M73 Eng 12CYL		1151-1741-980
850CSi	94-95	5.6L(5576cc) S70 Eng 12CYL		1151-0007-041
850i	91-92	5.0L(4988cc) M70 Eng 12CYL		1151-0007-041
ALPINA B7	07-08	4.4L(4398cc) N62 Eng 8CYL		1151-7586-781
L6	87	3.5L(3430cc) M30 Eng 6CYL	GWBM-06A	1151-1312-539
L7	86-87	3.5L(3430cc) M30 Eng 6CYL	GWBM-06A	1151-9070-761
M3	88-91	2.3L(2302cc) S14 Eng 4CYL		1151-1312-574
	95	3.0L(2990cc) S50 Eng 6CYL	GWBM-09A	1151-7527-799
	96-99	3.2L(3152cc) S52 Eng 6CYL	GWBM-09A	1151-7527-799
	01-06	3.2L(3246cc) S54 Eng 6CYL		1151-7831-907
	08-10	4.0L(3999cc) S65 Eng 8CYL		1151-7839-062
M5	88	3.5L(3453cc) S38 Eng 6CYL	GWBM-06A	1151-1312-539
	91-93	3.6L(3553cc) S38 Eng 6CYL		1151-1315-563
	00-03	5.0L(4941cc) S62 Eng 8CYL		1151-1407-806
	06-10	5.0L(4999cc) S85 Eng 10CYL		1151-7834-797
M6	87-88	3.5L(3453cc) S38 Eng 6CYL	GWBM-06A	1151-1312-539
	06-10	5.0L(4999cc) S85 Eng 10CYL		1151-7834-797
X3	04-05	2.5L(2494cc) M54 Eng 6CYL	GWBM-09A	1151-7527-910
	04-06	3.0L(2979cc) M54 Eng 6CYL	GWBM-09A	1151-7527-910
	07-10	3.0L(2996cc) N52 Eng 6CYL		1151-7586-925
X5	01-06	3.0L(2979cc) M54 Eng 6CYL	GWBM-09A	1151-7527-910
	09-10	3.0L(2993cc) M57T2D30 Eng Diesel 6CYL		1151-7805-812
	07-08	3.0L(2996cc) N52 Eng 6CYL W/A/C		1151-7546-996
	07-08	3.0L(2996cc) N52 Eng 6CYL Exc.A/C		1151-7586-925
	09-10	3.0L(2996cc) N52 Eng 6CYL		1151-7546-996
	10	4.4L(4395cc) S63 Eng 8CYL		1151-7548-264
	02-03	4.6L(4598cc) M62 Eng 8CYL		1151-0393-336
	04-06	4.8L(4837cc) N62 Eng 8CYL		1151-7524-552
	07-10	4.8L(4837cc) N62 Eng 8CYL		1151-7586-779
X6	08-10	3.0L(2979cc) N54 Eng 6CYL		1151-7563-659
	08-10	4.4L(4395cc) N63Eng 8CYL		1151-7548-264

BMW

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
Z3	95-98	1.8L(1796cc) E36 Convertible	GWBM-11A	1151-1734-602
	96-98	1.9L(1895cc) M44 Eng 4CYL Convertible	GWBM-11A	1151-1734-602
	99-02	2.5L(2494cc) M52,M54 Eng 6CYL	GWBM-09A	1151-7527-910
	97-00	2.8L(2793cc) M52 Eng 6CYL	GWBM-09A	1151-7527-910
	01-02	3.0L(2979cc) M54 Eng 6CYL	GWBM-09A	1151-7527-910
	98-00	3.2L(3152cc) S52 Eng 6CYL	GWBM-09A	1151-7527-799
	01-02	3.2L(3246cc) S54 Eng 6CYL		1151-7831-908
Z4	03-05	2.5L(2494cc) M54 Eng 6CYL	GWBM-09A	1151-7527-910
	03-05	3.0L(2979cc) M54 Eng 6CYL	GWBM-09A	1151-7527-910
	06-08	3.0L(2996cc) N52 Eng 6CYL	GWBM-09A	1151-7546-994
	09-10	3.0L(2996cc) N52 Eng 6CYL		1151-7586-925
	06-08	3.2L(3246cc) S54 Eng 6CYL		
Z8	00-03	5.0L(4941cc) S62 Eng 8CYL		1151-7830-236

BRITISH LEYLAND

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
BRITISH LEYLAND ROVER GROUP				
213	84-89		GWHO-22A	GWP1143
214	89-94	S 8V ENG		GWP336
	89-94	Si,SLi,GSi 16V ENG	GWBL-18A	GWP333
216	85-89		GWBL-17A	GWP183
	89-94	GSi,GTi,16V ENG		GWP2157
218	91-94	1.7L TURBO DIESEL		GWP337
	91-95	1.9L DIESEL		GWP338
220	91-95	GTi & TURBO		GWP2155
416	90-95	GSi,GTi,16V ENG		GWP2157
418	91-95	1.7L TURBO DIESEL		GWP337
	91-95	1.9L DIESEL		GWP338
420	91-95	SLi,GSi & TURBO 16V ENG		GWP2155
820	86-88			GWP332
820i	88-95	16V ENG		GWP2155
825	86-88		GWHO-25A	GWP330
827	88-95		GWHO-25A	GWP330
FREELANDER	98.02-	1.8L(1796cc) 16V 18K4F Eng	GWBL-19A	PEB102510L
	00.11-	2.0L(1951cc)	GWBL-20A	PEB102240L
	00.11-	2.5L(2497cc) 6CYL 25K4F Eng	GWBL-19A	PEB102510L
	02-05	2.5L(153) 6 CYL	GWBL-20A	PEB102240L
MAESTRO	83-95	1.3L OHV	GWBL-14A	GWP188
	83-84	1.6L R SERIES ENG		GWP153
	84-92	1.6L S SERIES ENG	GWBL-17A	GWP183
	84-85	2.0L	GWBL-15A	GWP155
	85-91	2.0L		GWP185
	86-88	2.0L DIESEL		GWP167
	83.03-90.08	1.3L(1275cc)	GWBL-14A	GWP151
	85.02-90.08	1.6L(1598cc) 16HA03AL,16HA35AL	GWBL-17A	GWP157
	86.01-90.08	1.6L(1598cc) 16HA37	GWBL-17A	GWP157
	84.10-90.08	2.0L(1994cc) 20HA50AA,20HC51AA,20HC81	GWBL-15A	GWP155
METRO	80-90	1.0L A SERIES ENG	GWBL-01A	GWP134
	80.10-90.04	1.0L(999cc) 99H,99HA65P	GWBL-11A	GWP154
	90-95	1.1L OHC ENG		GWP336
	80.10-83.12	1.3L(1275cc) 12HL	GWBL-01A	GWP101
	80.10-90.04	1.3L(1275cc) 12H,12HC21AA,21H996AA,12HA83AA,12HA85AA	GWBL-11A	GWP154
	90-95	1.4L GTi 16V	GWBL-18A	GWP333
	92-95	1.4L DIESEL		GWP195
MINI	60-66	0.9L(848cc)	GWBL-01A	GWP134
MINI COOPER	65	0.9L(848cc)	GWBL-01A	GWP134
	64	1.0L(970cc)	GWBL-01A	GWP134
	62-64	1.0L(997cc, 998cc)	GWBL-01A	GWP134
MINI MK I	67.01-79.08	0.9L(850cc) BMC SerieA	GWBL-11A	GWP154
	82.08-93.06	1.0L(998cc) 99HC20P,99HA53P,99H997P	GWBL-11A	GWP154
	67.10-84.09	1.0L(999cc)	GWBL-11A	GWP154

BRITISH LEYLAND

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
MINI MK I	88.09-93.06	1.0L(999cc) 99HD81	GWBL-11A	GWP154
	76.01-81.08	1.1L(1098cc) 10H	GWBL-11A	GWP154
	69.10-80.08	1.3L(1256cc)	GWBL-11A	GWP154
MONTEGO	84.10-88.08	1.3L(1275cc) 12HL	GWBL-14A	GWP151
	84.04-88.08	1.6L(1598cc) 16HC37	GWBL-17A	GWP157
	84.04-88.08	2.0L(1994cc) 20HSC,20H	GWBL-15A	GWP155
	85-91	2.0L		GWP185
	84.04-88.08	2.0L(1994cc) 20H(EFI)	GWBL-15A	GWP155
	84.04-88.08	2.0L(1994cc) 20HC85	GWBL-15A	GWP155
	84.10-88.08	2.0L(1994cc) 20H	GWBL-15A	GWP155
	84.10-91.08	2.0L(1994cc) 20HSC,20H	GWBL-15A	GWP155
SD1	82-86	2000	GWBL-07A	GWP140
	77-87	2000,2600		GWP319
	82-86	2400 TURBO DIESEL		GWP320
	76-86	3500 V8 ENG		GWP307
AUSTIN AMERICA	70-72	1.3L(1275cc)	GWBL-01A	
AUSTIN HEALEY	59-71	MK I , II , III , IV	GWBL-01A	GWP134
AUSTIN MARINA	73-75	1.8L(1798cc)	GWBL-05A	
AUSTIN MORRIS 1100,1300	62-74	MK I , II	GWBL-01A	GWP134
1800	64-73	MK I , II & III		GWP105
	73-75	MK III		GWP131
FARINA	56-62	A35	GWBL-01A	GWP134
	56-62	A40		
	58-67	A60	GWBL-01A	GWP134
CAMBRIDGE	67-71			GWP105
ALLEGRO	73.01-83.10	1.0L(998cc),1.1L(1098cc),1.3L(1275cc)	GWBL-11A	GWP154
	80-83	1500 MK II , III		GWP143
	80-83	1750 K II , III		GWP143
AMBASSADOR	82.03-84.10	1.7L(1698cc),2.0L(1994cc)	GWBL-07A	GWP140
AMERICA	68-72	1.3L(1275cc)	GWBL-01A	GWP134
HEALEY SPRITE	62-69	1.0L(1000cc),1.1L(1100cc),1.3L(1275cc)	GWBL-01A	GWP134
ITAL	80-84	1.3L FIXED FAN	GWBL-01A	GWP134
	80-84	VISCOUS FAN		GWP149
	80-84	1.7L	GWBL-07A	GWP140
	80-84	2.0L	GWBL-16A	GWP148
MARINA	71-80	1.3L FIXED FAN	GWBL-01A	GWP134
	71-80	VISCOUS FAN		GWP149
	78-80	1.7L	GWBL-07A	GWP140
	73-75	1.8L(1798cc)	GWBL-05A	GWP117
	71-78	1.8L	GWBL-05A	GWP117
MAXI	69-82	1500,1750		GWP116
MINOR	57-68	0.9L(948cc), 1.0L(948cc), 1.0L(997cc,998cc) 4CYL	GWBL-01A	GWP134
OXFORD	67-69		GWBL-05A	GWP117

BRITISH LEYLAND

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
PRINCESS	78-82	1700,2000	GWBL-07A	GWP140
	75-78	1800		GWP131
	76-80	2200	GWBL-10A	GWP129
PRINCESS 2	78.10-82.10	1.7L(1698cc) 17HL	GWBL-07A	GWP140
	78.10-82.10	2.0L(1994cc) 20H	GWBL-07A	GWP140
JAGUR				
VANDEN PLAS	83-87	4.2L(4235cc) 6CYL	GWBL-13A	GWP423
XJ6	74-82	4.2L(4235cc) 6CYL	GWBL-12A	GWP415
	83-86	4.2L(4235cc) 6CYL	GWBL-13A	GWP423
LAND ROVER SERIES II,III	61-83	2.3L 10J FIXED FAN	GWBL-03A	530477
	61-81	2.3L(D) FIXED FAN	GWBL-03A	530477
LAND ROVER FREELANDER	98.02-	1.8L(1796cc) 16V 18K4F Eng	GWBL-19A	PEB102510L
	00.11-	2.0L(1951cc)	GWBL-20A	PEB102240L
	00.11-	2.5L(2497cc) 6CYL 25K4F Eng	GWBL-19A	PEB102510L
	02-05	2.5L(153) 6 CYL	GWBL-20A	PEB102240L
LEYLAND DAF SHERPA	74-78	16001800	GWBL-05A	GWP130
	78-92	1700	GWBL-07A	GWP140
	74-87	1800(D)		GWP145
	80-95	2000	GWBL-16A	GWP148
	86-88	2000(D)		GWP2159
MG				
1100	63-67	1.1L(1098cc) 4CYL	GWBL-01A	GWP134
MG MAGNETTE	61-68	FARINA MK IV	GWBL-05A	GWP117
MGB	73-81	1.8L(1798cc) 4CYL	GWBL-05A	GWP117
MIDGET	62	1.0L, 1.1L (1000cc, 1100cc) 4CYL	GWBL-01A	GWP134
	67-74	1.3L(1275cc) 4CYL	GWBL-01A	GWP134
	73-75	1.8L(1798cc)	GWBL-05A	GWP117
RILEY	67-69	4/72	GWBL-05A	GWP117
ELF	61-69		GWBL-01A	GWP134
KESTREL	65-69	1100,1300	GWBL-01A	GWP134
TRIUMPH	65-70	FWD		GWP200
1100,1300	62-74	MK I , II	GWBL-01A	GWP134
1500	70-73			GWP200
	73-76			GWP128
2000	63-77	MK I , II		GWP201
2500	68-77	MK I , II		GWP201
ACCLAIM	82-84		GWHO-11A	GWP1104
DOLOMITE	76-80	1300,1500		GWP128
GT6	66-69	MK I , II		GWP200
	70-73	MK III		GWP201
HERALD	59-71	950,1150,1300		GWP200

BRITISH LEYLAND

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
SPITFIRE	62-70	MK I , II , III , IV		GWP200
	70-74	MK IV		GWP128
	75-80	MK IV FIXED FAN		GWP128
TOLEDO	70-71			GWP200
	71-76			GWP128
TR5	67-68			GWP200
	68-69			GWP201
TR6	69-76			GWP201
VITESSE	63-71	1600		GWP201
	68-71	2000		GWP201
WOLSELEY	65-69	1100,1300	GWBL-01A	GWP134
	67-72	16/60,18/85	GWBL-05A	GWP117
	61-69	HORNET	GWBL-01A	GWP134

CHRYSLER

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
CHRYSLER(USA)				
300	05-07	2.7L(167,R) 6CYL	GWCR-40A	4663732AC
	08-10	2.7L(167,D) 6CYL		4892425AA
	05-10	3.5L(215) 6CYL	GWCR-43A	4792968AD
	05-08	5.7L(345,H) 8CYL	GWCR-42A	4792838AA
	09	5.7L(345,T) 8CYL EZD		53022095AD
	10	5.7L(345,T) 8CYL EZH		53022095AE
	05-08	6.1L(370,W) 8CYL	GWCR-42A	4792838AA
	62-66	6.3L(383) 8CYL	GWCR-20A	3780127
	59-65	6.8L(413) 8CYL	GWCR-20A	3780127
	63	7.0L(426) 8CYL	GWCR-20A	3780127
	66-71	7.2L(440) 8CYL	GWCR-20A	3780127
	70	7.2L(440) 8CYL	GWCR-07A	3837641
300M	99-04	3.5L(215) 6CYL	GWCR-35A	4792195
ASPEN	07-09	4.7L(285) 8CYL	GWCR-41A	53022189AB
	07-08	5.7L(345,2) 8CYL		53021380AL
	09	5.7L(345,T) 8CYL GAS		53022192AF
CIRRUS	00	2.0L(122) 4CYL	GWCR-30A	4667660
	95-96	2.4L(148) 4CYL	GWCR-33A	4621489
	96-00	2.4L(148) 4CYL	GWCR-39A	4694307
	95-00	2.5L(152) 6CYL	GWM-51A	MD973025
CONCORDE	98-04	2.7L(167) 6CYL	GWCR-40A	4663732
	98-01	3.2L(197) 6CYL	GWCR-35A	4792195
	93-96	3.3L(201) 6CYL	GWCR-29A	5281175
	93-94	3.5L(215,F) 6CYL	GWCR-31A	4556541
	95-97	3.5L(215,F) 6CYL	GWCR-32A	4663296
	97	3.5L(215,F) 6CYL	GWCR-34A	4663296AB
	02-04	3.5L(215,G,M) 6CYL	GWCR-35A	4792195
CONQUEST	87	2.6L(156) 4CYL (To 11/86)	GWM-37A	MD997158
	87-89	2.6L(156) 4CYL (From 12/86)		MD997404
CORDOBA	80-83	3.7L(225) 6CYL	GWCR-06A	4131243
	75-83	5.2L(318) 8CYL	GWCR-07A	3837641
	75-80	5.9L(360) 8CYL	GWCR-07A	3837641
	75-78	6.6L(400) 8CYL	GWCR-20A	3780127
CROSSFIRE	04-08	3.2L(195) 6CYL		5097159AA
DAYTONA	84-89	2.2L(135) 4CYL	GWCR-05A	4293898
	87-89	2.5L(153) 4 CYL	GWCR-05A	4293898
	90-93	2.5L(153) 4CYL	GWCR-28A	4483453
	90-93	3.0L(181) 6CYL	GWM-40A	MD997244
DYNASTY	88	2.5L(153) 4CYL	GWCR-05A	4293898
	89	2.5L(153) 4CYL	GWCR-26A	4387457
	90-93	2.5L(153) 4CYL	GWCR-28A	4483453
	88-90	3.0L(181) 6CYL	GWM-40A	MD997244
	91-93	3.3L(201) 6CYL	GWCR-27A	4448878
E CLASS	83-84	2.2L(135) 4CYL	GWCR-05A	4293898
	83-85	2.6L(156) 4CYL	GWM-22A	MD025190
EXECUTIVE LIMOUSINE	85	2.6L(156) 4CYL	GWM-22A	MD025190
EXECUTIVE SEDAN	83-84	2.6L(156) 4CYL	GWM-22A	MD025190

CHRYSLER

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
FIFTH AVENUE	90-91	3.0L(181) 6CYL	GWM-40A	MD997244
	91-93	3.3L(201) 6CYL	GWCR-27A	4448878
	83	3.7L(225) 6CYL	GWCR-06A	4131243
	91-93	3.8L(232) 6CYL	GWCR-27A	4448878
	83-89	5.2L(318) 8CYL	GWCR-07A	3837641
GRAND VOYAGER	00	3.0L(181) 6CYL	GWM-40A	MD973940
	00	3.3L(201) 6CYL	GWCR-27A	5010898AA
IMPERIAL	90-91	3.3L(201) 6CYL	GWCR-27A	4448878
	91-93	3.8L(230) 6CYL	GWCR-27A	4448878
	83-84	5.2L(318) 8CYL	GWCR-07A	3837641
	59-65	6.7L(413), 6.8L(413) 8CYL	GWCR-20A	3780127
	66-75	7.2L(440) 8CYL	GWCR-20A	3780127
INTREPID	98-04	2.7L(167) 6 CYL	GWCR-40A	4663732
	98-01	3.2L(197) 6 CYL	GWCR-35A	4792195
	94-96	3.3L(201) 6CYL	GWCR-29A	5281175
	93-94	3.5L(215) 6 CYL	GWCR-31A	4556541
	95	3.5L(215) 6 CYL	GWCR-32A	4663296
	96	3.5L(215) 6 CYL	GWCR-29A	5281175
	03-04	3.5L(215) 6 CYL	GWCR-35A	4792195
LASER	84-86	2.2L(135) 4CYL	GWCR-05A	4293898
	86	2.5L(153) 4CYL	GWCR-05A	4293898
LEBARON	82-88	2.2L(135) 4CYL	GWCR-05A	4293898
	89	2.2L(135) 4CYL	GWCR-26A	4387457
	90	2.2L(135) 4CYL	GWCR-28A	4483453
	86-88	2.5L(153) 4CYL	GWCR-05A	4293898
	89	2.5L(153) 4CYL	GWCR-26A	4387457
	90-93	2.5L(153) 4CYL	GWCR-28A	4483453
	82-85	2.6L(156) 4CYL	GWM-22A	MD025190
	90-95	3.0L(181) 6CYL	GWM-40A	MD980000
	78-81	3.7L(225) 6CYL	GWCR-06A	4131243
	77-81	5.2L(318) 8CYL	GWCR-07A	3837641
	78-79	5.9L(360) 8CYL	GWCR-07A	3837641
LHS	94	3.5L(215,F) 6CYL	GWCR-31A	4556541
	95-97	3.5L(215,F) 6CYL	GWCR-32A	4663296
	97	3.5L(215,F) 6CYL	GWCR-34A	4663296AB
	99-01	3.5L(215,G,) 6CYL	GWCR-35A	4792195
NEW YORKER	83-88	2.2L(135) 4CYL	GWCR-05A	4293898
	86-87	2.5L(153) 4CYL	GWCR-05A	4293898
	83-85	2.6L(156) 4CYL	GWM-22A	MD025190
	88-89	3.0L(181) 6CYL	GWM-40A	MD997244
	90	3.3L(201,T) 6CYL	GWM-40A	MD997244
	90-93	3.3L(201,R) 6CYL	GWCR-27A	4448878
	94	3.5L(215) 6CYL	GWCR-31A	4556541
	95-96	3.5L(215) 6CYL	GWCR-32A	4663296
	82	3.7L(225) 6CYL	GWCR-06A	4131243
	91-93	3.8L(230) 6CYL	GWCR-27A	4448878
	79-82	5.2L(318) 8CYL	GWCR-07A	3837641
	78-80	5.9L(360) 8CYL	GWCR-07A	3837641
	72-78	6.6L(400) 8CYL	GWCR-20A	3780127
	59-65	6.8L(413) 8CYL	GWCR-20A	3780127
	63	7.0L(426) 8CYL	GWCR-20A	3780127
	66-78	7.2L(440) 8CYL	GWCR-20A	3780127

CHRYSLER

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
NEWPORT	79-81	3.7L(225) 6CYL	GWCR-06A	4131243
	79-81	5.2L(318) 8CYL	GWCR-07A	3837641
	61-64	5.9L(360) 8CYL	GWCR-20A	3780127
	71-72	5.9L(360) 8CYL	GWCR-07A	3837641
	72-73	5.9L(360) 8CYL	GWCR-20A	3780127
	74-80	5.9L(360) 8CYL	GWCR-07A	3837641
	65-71	6.3L(383) 8CYL	GWCR-20A	3780127
	72-78	6.6L(400) 8CYL	GWCR-20A	3780127
	59-65	6.7L(413) 8CYL	GWCR-20A	3780127
	63	7.0L(426) 8CYL	GWCR-20A	3780127
	66-78	7.2L(440) 8CYL	GWCR-20A	3780127
PACIFICA	04-06	3.5L(215) 6CYL	GWCR-43A	4792968AD
	05-08	3.8L(230) 6CYL		4648952AB
	07-08	4.0L(241) 6CYL	GWCR-43A	4792968AD
PROWLER	01-02	3.5L(215) 6CYL	GWCR-35A	4792195
PT CRUISER	01-09	2.4L(148,B,X,9) 4CYL	GWCR-39A	4694307AB
	03-09	2.4L(148,E,G,S,8) 4CYL		4884159AA
	10	2.4L(148,9) 4CYL EDZ		
SARATOGA	59-60	6.3L(383) 8CYL	GWCR-20A	3780127
SEBRING	95-99	2.0L(122) 4CYL	GWCR-30A	4667660
	96	2.4L(148) 4CYL Hydraulic Tensioner	GWCR-33A	4621489
	96	2.4L(148) 4CYL Mechanical Tensioner	GWCR-39A	4694307
	97-06	2.4L(148,J,X) 4CYL	GWCR-39A	4694307
	01-05	2.4L(148,G) 4CYL	GWM-80A	MD976464
	07-10	2.4L(144) 4CYL		MN187244
	95-00	2.5L(152) 6CYL	GWM-51A	MD973025
	01-07	2.7L(167) 6CYL	GWCR-40A	4663732AC
	01-03	3.0L(181) 6CYL	GWM-51A	MD978743
	07-10	3.5L(215) 6CYL	GWCR-43A	4792968AD
TC BY MASERATI	90	2.2L(135) SOHC 4CYL	GWCR-28A	4483453
	90	2.2L(135) DOHC 4CYL	GWCR-05A	4323148
	89	2.2L(135) 4CYL	GWCR-26A	4387457
	90	2.2L(135) 4CYL	GWCR-05A	4323148
	90-91	3.0L(181) 6CYL	GWM-40A	MD997244
TOWN & COUNTRY	83-88	2.2L(135) 4CYL	GWCR-05A	4293898
	86-88	2.5L(153) 4CYL	GWCR-05A	4293898
	83-85	2.6L(156) 4CYL	GWM-22A	MD025190
	90-00	3.3L(201,G,R) 6CYL	GWCR-27A	4448878
	01-07	3.3L(201,G,R,3) 6CYL		4781157AA
	09-10	3.3L(201,E) 6CYL EGV		4648952AE
	94	3.5L(215) 6CYL	GWCR-31A	4556541
	95-96	3.5L(215) 6CYL	GWCR-32A	4663296
	78-81	3.7L(225) 6CYL	GWCR-06A	4131243
	94-00	3.8L(230) 6CYL	GWCR-27A	4448878
	01-07	3.8L(230) 6CYL		4781157AA
	08-10	3.8L(231) 6CYL		4648952AE
	08-10	4.0L(241) 6CYL	GWCR-43A	4792968AD
	78-81	5.2L(318) 8CYL	GWCR-07A	3837641
	61-64	5.9L(361) 8CYL	GWCR-20A	3780127
	78-79	5.9L(360) 8CYL	GWCR-07A	3837641
	59-71	6.3L(383) 8CYL	GWCR-20A	3780127
	72-77	6.6L(400) 8CYL	GWCR-20A	3780127
	59-65	6.7L(413) 8CYL	GWCR-20A	3780127
	63	7.0L(426) 8CYL	GWCR-20A	3780127
	66-77	7.2L(440) 8CYL	GWCR-20A	3780127

CHRYSLER

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
VOYAGER	00-03	2.4L(148) 4CYL	GWCR-39A	4694307AB
	00	3.0L(181) 6CYL	GWM-40A	MD973940
	00	3.3L(201) 6CYL	GWCR-27A	5010898AA
	01-03	3.3L(201) 6CYL		4781157AA
WINDSOR	59-61	6.3L(383) 8CYL	GWCR-20A	3780127
INDUSTRIAL ENGINE	36-54	H170/225,HA225 6CYL	GWCR-06A	3420050
		HB318,HT318 8CYL		3004991
		H383,HB383,HT413 8CYL		3004715
		H400/440 8CYL	GWCR-20A	2808680
		HA273		3004991
		HB426	GWCR-20A	2808680
CRYSLER(USA) DODGE				
2000 GTX	89-92	2.0L(122) 4CYL	GWM-45A	MD972053
330	63-64	3.7L(225) 6CYL	GWCR-06A	3420050
	63-64	5.9L(361) 8CYL	GWCR-07A	3837641
	64	6.3L(383) 8CYL	GWCR-20A	3780127
	63	6.7L(413) 8CYL	GWCR-20A	3780127
	63-64	7.0L(426) 8CYL	GWCR-20A	3780127
400	82-83	2.2L(135) 4CYL	GWCR-05A	4293898
	82-83	2.6L(156) 4CYL	GWM-22A	MD025190
440	63-64	3.7L(225) 6CYL	GWCR-06A	3420050
	63-64	5.9L(361) 8CYL	GWCR-07A	3837641
	64	6.3L(383) 8CYL	GWCR-20A	3780127
	63	6.7L(413) 8CYL	GWCR-20A	3780127
	63-64	7.0L(426) 8CYL	GWCR-20A	3780127
600	85-88	2.2L(135) 4CYL	GWCR-05A	4293898
	86-88	2.5L(153) 4CYL	GWCR-05A	4293898
	83-85	2.6L(156) 4CYL	GWM-22A	MD025190
880	63-64	5.2L(318) 8CYL	GWCR-07A	3837641
	63-64	5.9L(361) 8CYL	GWCR-20A	3780127
	63-64	6.3L(383) 8CYL	GWCR-20A	3780127
	63-64	6.7L(413) 8CYL	GWCR-20A	3780127
	63	6.8L(413) 8CYL	GWCR-20A	3780127
	63-64	7.0L(426) 8CYL	GWCR-20A	3780127
A100 TRUCK	64-69	2.8L(170) 6CYL	GWCR-06A	4131243
	70	3.2L(198) 6CYL	GWCR-06A	4131243
	64-70	3.7L(225) 6CYL	GWCR-06A	4131243
A100 VAN	67-69	2.8L(170) 6CYL	GWCR-06A	4131243
	67-69	3.7L(225) 6CYL	GWCR-06A	4131243
A108 VAN	70	3.2L(198) 6CYL	GWCR-06A	4131243
	70	3.7L(225) 6CYL	GWCR-06A	4131243
ARIES	81-84-88	2.2L(135) 4CYL	GWCR-05A	4293898
	89	2.2L(135) 4CYL	GWCR-26A	4387457
	81-89	2.5L(153) 4CYL	GWCR-05A	4293898
	81-85	2.6L(156) 4CYL	GWM-22A	MD025190
ASPEN	76-80	3.7L(225) 6CYL	GWCR-06A	4131243
	76-80	5.2L(318) 8CYL	GWCR-07A	3780109
	76-80	5.9L(360) 8CYL	GWCR-07A	3780109

CHRYSLER

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
AVENGER	95-99	2.0L(122) 4CYL	GWCR-30A	4667660
	08-10	2.4L(144) 4CYL		5047138AA
	95-00	2.5L(152) 6CYL	GWM-51A	MD973025
	08-10	2.7L(167) 6CYL		4892425AA
	08-10	3.5L(215) 6CYL	GWCR-43A	4792968AD
B100	71-73	3.2L(198) 6CYL	GWCR-06A	4131243
	71-80	3.7L(225) 6CYL	GWCR-06A	4131243
	71-80	5.2L(318) 8CYL	GWCR-07A	3837641
	71-78	5.9L(360) 8CYL	GWCR-07A	3837641
	74	7.2L(440) 8CYL	GWCR-20A	3780127
B150	81-87	3.7L(225) 6CYL	GWCR-06A	4131243
	88-91	3.9L(239) 6CYL	GWCR-07A	3837641
	92	3.9L(239) 6CYL	GWCR-37A	53008354
	93-94	3.9L(239) 6CYL	GWCR-36A	53020280
	81-91	5.2L(318) 8CYL	GWCR-07A	3837641
	92	5.2L(318) 8CYL	GWCR-37A	53008354
	93-94	5.2L(318) 8CYL	GWCR-36A	53021018AD
B1500	95-98	3.9L(239) 6CYL	GWCR-36A	53020280
	95-98	5.2L(318) 8CYL	GWCR-36A	53021018AD
	98	5.9L(360) 8CYL	GWCR-36A	53021018AD
CRYSLER(USA) DODGE				
B200	71-73	3.2L(198) 6CYL	GWCR-06A	4131243
	71-80	3.7L(225) 6CYL	GWCR-06A	4131243
	71-80	5.2L(318) 8CYL	GWCR-07A	3837641
	71-80	5.9L(360) 8CYL	GWCR-07A	4728533
	74-78	6.6L(400) 8CYL	GWCR-20A	3780127
	74-78	7.2L(440) 8CYL	GWCR-20A	3780127
B250	81-87	3.7L(225) 6CYL	GWCR-06A	4131243
	88-91	3.9L(239) 6CYL	GWCR-07A	3837641
	92	3.9L(239) 6CYL	GWCR-37A	53008354
	93-94	3.9L(239) 6CYL	GWCR-36A	53020280
	81-91	5.2L(318) 8CYL	GWCR-07A	3837641
	92	5.2L(318) 8CYL	GWCR-37A	53008354
	93-94	5.2L(318) 8CYL	GWCR-36A	53021018AD
	81-92	5.9L(360) 8CYL	GWCR-07A	4728533
	93-94	5.9L(360) 8CYL	GWCR-36A	53021018AD
B2500	95-97	3.9L(239) 6CYL	GWCR-36A	53020280
	95-98	5.2L(318) 8CYL	GWCR-36A	53021018AD
	95-98	5.9L(360) 8CYL	GWCR-36A	53021018AD
B300	71-80	3.7L(225) 6CYL	GWCR-06A	4131243
	71-80	5.2L(318) 8CYL	GWCR-07A	4728533
	71-80	5.9L(360) 8CYL	GWCR-07A	4728533
	71-74	6.6L(400) 8CYL	GWCR-07A	3837641
	76-78	6.6L(400) 8CYL	GWCR-20A	3780127
	74-78	7.2L(440) 8CYL	GWCR-20A	3780127
B350	81-91	5.2L(318) 8CYL	GWCR-07A	3837641
	92	5.2L(318) 8CYL	GWCR-37A	53008354
	93-94	5.2L(318) 8CYL	GWCR-36A	53021018AD
	81-92	5.9L(360) 8CYL	GWCR-07A	4728533
	93-94	5.9L(360) 8CYL	GWCR-36A	53021018AD
B3500	95-98	5.2L(318) 8CYL	GWCR-36A	53021018AD
	95-98	5.9L(360) 8CYL	GWCR-36A	53021018AD

CHRYSLER

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
CALIBER	07-09	1.8L(110) 4CYL		68046026AA
	07-10	2.0L(122) 4CYL		68046026AA
	07-10	2.4L(144) 4CYL		68046026AA
CARAVAN	84-87	2.2L(135) 4CYL	GWCR-05A	4293898
	96	2.4L(148) 4CYL	GWCR-33A	4621489
	96-07	2.4L(148) 4CYL	GWCR-39A	4694307
	88	2.5L(153) 4CYL	GWCR-05A	4293898
	89	2.5L(153) 4CYL	GWCR-26A	4387457
	90-95	2.5L(153) 4CYL	GWCR-28A	4483453
	84-87	2.6L(156) 4CYL	GWM-22A	MD025190
	87-00	3.0L(181) 6CYL	GWM-40A	MD997244
	90-00	3.3L(201) 6CYL	GWCR-27A	4448878
	01-07	3.3L(201) 6CYL		4781157AA
	96-99	3.8L(230) 6CYL	GWCR-27A	4448878
	93-99	ELECTRIC		
CB300	74-79	3.7L(225) 6CYL	GWCR-06A	4131243
	74-80	5.2L(318) 8CYL	GWCR-07A	4728533
	74-80	5.9L(360) 8CYL	GWCR-07A	4728533
	76-78	6.6L(400) 8CYL	GWCR-20A	3780127
	77-79	7.2L(440) 8CYL	GWCR-20A	3780127
CHALLENGER RWD	76-83	2.0L(122),2.6L(156) 4CYL	GWM-13A	MD021490
	78-79	1.6L 4CYL	GWM-12A	MD009000
	76-77	1.6L 4CYL	GWM-01A	MD001300
CHALLENGER	78-79	1.6L(98) 4CYL	GWM-12A	MD009000
	78-83	2.6L(156) 4CYL	GWM-13A	MD021490
	70-71	3.2L(198) 6CYL	GWCR-06A	4131243
	09-10	3.5L(215) 6CYL	GWCR-43A	4792968AD
	70-72	3.7L(225) 6CYL	GWCR-06A	4131243
	70-75	5.2L(318) 8CYL	GWCR-07A	4728533
	70-73	5.6L(340) 8CYL	GWCR-07A	3837641
	09-10	5.7L(345) 8CYL		53022095AF
	71-74	5.9L(360) 8CYL	GWCR-07A	4728533
	08-10	6.1L(370) 8CYL	GWCR-42A	4792838AB
	70-71	6.3L(383) 8CYL	GWCR-20A	3780127
	72-74	6.6L(400) 8CYL	GWCR-07A	4728533
	70-71	7.0L(426) 8CYL	GWCR-20A	3780127
	72	7.2L(440) 8CYL	GWCR-07A	4728533
CHARGER	83-86	1.6L(98) 4CYL	GWCR-19A	4173703
	83-87	2.2L(135) 4CYL	GWCR-05A	4293898
	06-07	2.7L(167) 6CYL	GWCR-40A	4663732AC
	08-10	2.7L(167) 6CYL		4892425AA
	06-10	3.5L(215) 6CYL	GWCR-43A	4792968AD
	68-76	3.7L(225) 6CYL	GWCR-06A	4131243
	70-78	5.2L(318) 8CYL	GWCR-07A	3837641
	71-73	5.6L(340) 8CYL	GWCR-07A	3837641
	06-08	5.7L(345) 8CYL	GWCR-42A	4792838AA
	09	5.7L(345) 8CYL		53022095AD
	72-78	5.9L(360) 8CYL	GWCR-07A	3837641
	06-10	6.1L(370) 8CYL		4792838AB
	66-71	6.3L(383) 8CYL	GWCR-20A	3780127
	73-78	6.6L(400) 8CYL	GWCR-20A	3780127
	66-71	7.0L(426) 8CYL	GWCR-20A	3780127
	66-74	7.2L(440) 8CYL	GWCR-20A	3780127

CHRYSLER

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
COLT FWD	79-80	1.4L(1410cc) 4CYL	GWM-14A	MD030751
	81-84	1.4L(1410cc) 4CYL	GWM-17A	MD997076
	85-94	1.5L(1468cc) 4CYL	GWM-17A	MD997076
	79-80	1.6L(1595cc) 4CYL	GWM-15A	MD008431
	81-88	1.6L(1595cc) 4CYL	GWM-19A	MD997078
	89-90	1.6L(1595cc) 4CYL (Hatchback)	GWM-53A	MD997418
	89-90	1.6L(1595cc) 4CYL (Wagon)	GWM-19A	MD997078
	89-90	1.8L(1755cc) 4CYL	GWM-19A	MD997078
	93	1.8L(1834cc) 4CYL	GWM-47A	MD179030
	94	1.8L(1834cc) 4CYL	GWM-47A	MD300799
COLT RWD	71-77	1.6L(1595cc) 4CYL	GWM-01A	MD001300
	78	1.6L(1595cc) 4CYL	GWM-12A	MD009000
	74-75	2.0L(1997cc) 4CYL		MD021450
	76-77	2.0L(1997cc) 4CYL	GWM-13A	MD021490
	78-80	2.0L(1997cc) 4CYL (Wagon)	GWM-13A	MD021490
	78-80	2.6L(2555cc) 4CYL (Wagon)	GWM-13A	MD021490
COLT VISTA	92-93	1.8L(1834cc) 4CYL	GWM-47A	MD179030
	94	1.8L(1834cc) 4CYL	GWM-47A	MD300799
	84-91	2.0L(1997cc) 4CYL	GWM-27A	MD997614
	92	2.4L(2351cc) 4CYL	GWM-45A	MD997622
	93-94	2.4L(2351cc) 4CYL	GWM-48A	MD972050
CONQUEST	84-86	2.6L(156) 4CYL	GWM-13A	MD997149
CORONET	65-76	3.7L(225) 6CYL	GWCR-06A	4131243
	70-76	5.2L(318) 8CYL	GWCR-07A	3837641
	70	5.6L(340) 8CYL	GWCR-20A	3780127
	71-73	5.6L(340) 8CYL	GWCR-07A	3837641
	58	5.7L(350) 8CYL	GWCR-20A	3780127
	71-76	5.9L(360) 8CYL	GWCR-07A	3837641
	65-71	6.3L(383) 8CYL	GWCR-20A	3780127
	72-76	6.6L(400) 8CYL	GWCR-20A	3780127
	65	6.7L(413) 8CYL	GWCR-20A	3780127
	65	6.8L(413) 8CYL	GWCR-20A	3780127
	65-71	7.0L(426) 8CYL	GWCR-20A	3780127
	66-76	7.2L(440) 8CYL	GWCR-20A	3780127
CUSTOM	62-65	5.2L(318) 8CYL	GWCR-07A	3837641
	59-64	5.9L(361) 8CYL	GWCR-07A	3837641
	59-65	6.3L(383) 8CYL	GWCR-20A	3780127
	63-65	6.7L(413) 8CYL	GWCR-20A	3780127
	63-65	7.0L(426) 8CYL	GWCR-20A	3780127
D100	61-65	2.8L(170) 6CYL	GWCR-06A	4131243
	70-73	3.2L(198) 6CYL	GWCR-06A	4131243
	60-79	3.7L(225) 6CYL	GWCR-06A	4131243
	86-87	3.7L(225) 6CYL	GWCR-06A	4131243
	88-89	3.9L(239) 6CYL	GWCR-07A	3837641
	78-79	4.0L(243) 6CYL	GWCR-07A	3837641
	70-79	5.2L(318) 8CYL	GWCR-07A	3837641
	86-89	5.2L(318) 8CYL	GWCR-07A	3837641
	71-79	5.9L(360) 8CYL	GWCR-07A	4728533
	86-88	5.9L(360) 8CYL	GWCR-07A	4728533
	63-71	6.3L(383) 8CYL	GWCR-20A	3780127
	71-78	6.6L(400) 8CYL	GWCR-20A	3780127
	73-78	7.2L(440) 8CYL	GWCR-20A	3780127

CHRYSLER

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
D150	77-87	3.7L(225) 6CYL	GWCR-06A	4131243
	88-91	3.9L(239) 6CYL	GWCR-07A	3837641
	92	3.9L(239) 6CYL	GWCR-37A	53008354
	93	3.9L(239) 6CYL	GWCR-36A	53020280
	78-80	4.0L(243) 6CYL	GWCR-07A	3837641
	77-91	5.2L(318) 8CYL	GWCR-07A	3837641
	92	5.2L(318) 8CYL	GWCR-37A	53008354
	93	5.2L(318) 8CYL	GWCR-36A	53021018AD
	77-91	5.9L(360) 8CYL	GWCR-07A	4728533
	93	5.9L(360) 8CYL	GWCR-36A	53021018AD
	77-78	6.6L(400) 8CYL	GWCR-20A	3780127
	78	7.2L(440) 8CYL	GWCR-20A	3780127
D200	60-80	3.7L(225) 6CYL	GWCR-06A	4131243
	78	4.0L(243) 6CYL	GWCR-07A	3837641
	71-80	5.2L(318) 8CYL	GWCR-07A	3837641
	71-80	5.9L(360) 8CYL	GWCR-07A	4728533
	70-71	6.3L(383) 8CYL	GWCR-20A	3780127
	71-78	6.6L(400) 8CYL	GWCR-20A	3780127
	73-78	7.2L(440) 8CYL	GWCR-20A	3780127
D250	81-87	3.7L(225) 6CYL	GWCR-06A	4131243
	88-91	3.9L(239) 6CYL	GWCR-07A	3837641
	92	3.9L(239) 6CYL	GWCR-37A	53008354
	93	3.9L(239) 6CYL	GWCR-36A	53020280
	81-91	5.2L(318) 8CYL	GWCR-07A	3837641
	92	5.2L(318) 8CYL	GWCR-37A	53008354
	93	5.2L(318) 8CYL	GWCR-36A	53021018AD
	81-92	5.9L(360) 8CYL	GWCR-07A	4728533
	93	5.9L(360) 8CYL	GWCR-36A	53021018AD
	89-93	5.9L(359) 8CYL Diesel	GWCR-38A	R5003665AA
D300	60-78	3.7L(225) 6CYL	GWCR-06A	4131243
	70-80	5.2L(318) 8CYL	GWCR-07A	3837641
	71-80	5.9L(360) 8CYL	GWCR-07A	4728533
	63-71	6.3L(383) 8CYL	GWCR-20A	3780127
	71-78	6.6L(400) 8CYL	GWCR-20A	3780127
	72-78	7.2L(440) 8CYL	GWCR-07A	4728533
D350	81-83	5.2L(318) 8CYL	GWCR-07A	3837641
	81-92	5.9L(360) 8CYL	GWCR-07A	4728533
	93	5.9L(360) 8CYL	GWCR-36A	53021018AD
	89-93	5.9L(359) 8CYL Diesel	GWCR-38A	R5003665AA
D400	78-81	5.9L(360) 8CYL	GWCR-07A	4728533
	78	7.2L(440) 8CYL	GWCR-20A	3780127
D450	78-81	5.9L(360) 8CYL	GWCR-07A	4728533
	78	7.2L(440) 8CYL	GWCR-20A	3780127
D50	79-82	2.0L(122) 4CYL	GWM-13A	MD997149
	79-82	2.6L(156) 4CYL	GWM-13A	MD997149
DAKOTA	87-88	2.2L(135) 4CYL	GWCR-05A	4293898
	89	2.5L(153,G) 4CYL	GWCR-26A	4387457
	90-95	2.5L(153,G) 4CYL	GWCR-28A	4483453
	96-02	2.5L(153,P) 4CYL	GWAM-09A	4626054
	04-10	3.7L(226) 6CYL	GWCR-41A	53021187AA
	87-91	3.9L(239) 6CYL	GWCR-07A	3837641
	92	3.9L(239) 6CYL	GWCR-37A	53008354
	93-03	3.9L(239) 6CYL	GWCR-36A	53020280
	00-10	4.7L(287) 8CYL	GWCR-41A	53021187AA
	89	5.2L(318) 8CYL	GWCR-07A	3837641

CHRYSLER

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
DAKOTA	90-91	5.2L(318) 8CYL		4483754
	92	5.2L(318) 8CYL	GWCR-37A	53008354
	93-99	5.2L(318) 8CYL	GWCR-36A	53021018AD
	98-03	5.9L(360) 8CYL	GWCR-36A	53021018AD
DART	60-76	2.8L(170) 6CYL	GWCR-06A	3420050
	70-74	3.2L(198) 6CYL	GWCR-06A	4131243
	60-76	3.7L(225) 6CYL	GWCR-06A	3420050
	70-76	5.2L(318) 8CYL	GWCR-07A	3837641
	70-73	5.6L(340) 8CYL	GWCR-07A	3837641
	60-76	5.9L(360) 8CYL	GWCR-07A	3780109
	60-69	6.3L(383) 8CYL	GWCR-20A	2808680
	63-65	6.7L(413) 8CYL	GWCR-20A	2808680
DAYTONA	61-65	6.8L(413) 8CYL	GWCR-20A	3004991
	84-88	2.2L(135) 4CYL	GWCR-05A	4293898
	89	2.2L(135) 4CYL	GWCR-26A	4387457
	90	2.2L(135) 4CYL	GWCR-28A	4483453
	92-93	2.2L(135) 4CYL		4626682
	86-88	2.5L(153) 4CYL	GWCR-05A	4293898
	89	2.5L(153) 4CYL	GWCR-26A	4387457
	90-93	2.5L(153) 4CYL	GWCR-28A	4621172
DIPLOMAT	90-93	3.0L(181) 6CYL	GWM-40A	MD997244
	78-83	3.7L(225) 6CYL	GWCR-06A	3420050
	77-89	5.2L(318) 8CYL	GWCR-07A	3837641
DURANGO	77-79	5.9L(360) 8CYL	GWCR-07A	3780109
	04-09	3.7L(226) 6CYL	GWCR-41A	53021187AA
	98-99	3.9L(239) 6CYL	GWCR-36A	53021018AB
	98-99	4.7L(285) 8CYL	GWCR-36A	53021018AB
	00	4.7L(285) 8CYL	GWCR-36A	53021018AB
	00-09	4.7L(287) 8CYL	GWCR-41A	53021187AA
	98-00	5.2L(318) 8CYL	GWCR-36A	53021018AD
	04-08	5.7L(345,D,2) 8CYL		53021380AK
	09	5.7L(345,T) 8CYL Gas		53022192AF
DYNASTY	98-03	5.9L(360) 8CYL	GWCR-36A	53021018AD
	88	2.5L(153) 4CYL	GWCR-05A	4293898
	89	2.5L(153) 4CYL	GWCR-26A	4387457
	90-93	2.5L(153) 4CYL	GWCR-28A	4483453
	88-93	3.0L(181) 6CYL	GWM-40A	MD997244
	90-93	3.3L(201) 6CYL	GWCR-27A	4448878
CRYSLER(USA) DODGE				
GRAND CARAVAN	96	2.4L(148) 4CYL Hydraulic Tensioner	GWCR-33A	4621489
	96	2.4L(148) 4CYL Hydraulic Tensioner	GWCR-39A	4694307
	97	2.4L(148) 4CYL	GWCR-39A	4694307
	88	2.5L(153) 4CYL	GWCR-05A	4293898
	88-00	3.0L(181) 6CYL	GWM-40A	MD980000
	90-00	3.3L(201) 6CYL	GWCR-27A	4448878
	01-07	3.3L(201) 6CYL		4781157AA
	08-10	3.3L(201) 6CYL		4648952AE
	94-00	3.8L(230) 6CYL	GWCR-27A	4448878
	01-07	3.8L(230) 6CYL		4781157AA
	08-10	3.8L(230) 6CYL		4648952AE
	08-10	4.0L(241) 6CYL	GWCR-43A	4792968AD
INTREPID	98-04	2.7L(167) 6CYL	GWCR-40A	4663732
	98-01	3.2L(197) 6CYL	GWCR-35A	4792195
	93-97	3.3L(201) 6CYL	GWCR-29A	5281175
	93-94	3.5L(215) 6CYL	GWCR-31A	4556541
	95-97	3.5L(215) 6CYL	GWCR-32A	4663296

CHRYSLER

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
INTREPID	97	3.5L(215) 6CYL	GWCR-34A	4663296AB
	00-04	3.5L(215) 6CYL	GWCR-35A	4792195
JOURNEY	09-10	2.4L(144) 4CYL		5047138AB
	09-10	3.5L(215) 6CYL	GWCR-43A	4792968AD
LANCER	85-88	2.2L(135) 4CYL	GWCR-05A	4293898
	89	2.2L(135) 4CYL	GWCR-26A	4387457
	86-88	2.5L(153) 4CYL	GWCR-05A	4293898
	89	2.5L(153) 4CYL	GWCR-26A	4387457
	61-62	2.8L(170) 6CYL	GWCR-06A	4131243
	61-62	3.7L(225) 6CYL	GWCR-06A	4131243
MAGNUM	05-07	2.7L(167) 6CYL	GWCR-40A	4663732AC
	08	2.7L(167) 6CYL		4892425AA
	05-08	3.5L(215) 6CYL	GWCR-43A	4792968AD
	78-79	5.2L(318) 8CYL	GWCR-07A	3837641
	05-08	5.7L(345) 8CYL	GWCR-42A	4792838AA
	78-79	5.9L(360) 8CYL	GWCR-07A	3837641
	06-08	6.1L(370) 8CYL	GWCR-42A	4792838AA
	78	6.6L(400) 8CYL	GWCR-20A	3780127
MATADOR	60	5.2L(318) 8CYL	GWCR-07A	3837641
	60	5.9L(361) 8CYL	GWCR-20A	2808681
	60	6.3L(383) 8CYL	GWCR-20A	2808681
MINI RAM	84-87	2.2L(135) 4CYL	GWCR-05A	4293898
	87-88	2.5L(153) 4CYL	GWCR-05A	4293898
	84-87	2.6L(156) 4CYL	GWM-22A	MD025190
	87-88	3.0L(181) 6CYL	GWM-40A	MD997244
MIRADA	80-83	3.7L(225) 6CYL	GWCR-06A	4131243
	80-83	5.2L(318) 8CYL	GWCR-07A	3837641
	80	5.9L(360) 8CYL	GWCR-07A	3837641
MONACO	90-91	3.0L(182) 6CYL Z7X-711 Eng		T1464552
	91-92	3.0L(182) 6CYL Z7X-715 Eng		J1466241
	77-78	3.7L(225) 6CYL	GWCR-06A	4131243
	70-78	5.2L(318) 8CYL	GWCR-07A	3837641
	71-78	5.9L(360) 8CYL	GWCR-07A	3837641
	65-71	6.3L(383) 8CYL	GWCR-20A	2808681
	72-78	6.6L(400) 8CYL	GWCR-20A	3780127
	65	6.7L(413) 8CYL	GWCR-20A	2808681
	65-66	7.0L(426) 8CYL	GWCR-20A	2808681
	66-78	7.2L(440) 8CYL	GWCR-20A	
NEON	95-05	2.0L(122) 4CYL	GWCR-30A	4667660
	03-05	2.4L(148) 4CYL		4884159AA
NITRO	07-10	3.7L(226) 6CYL	GWCR-41A	53022189AB
	07-10	4.0L(241) 6CYL	GWCR-43A	4792968AD
OMNI	83-86	1.6L(98) 4CYL		4173703
	78-83	1.7L(105) 4CYL	GWCR-04A	5214490
	81-88	2.2L(135) 4CYL	GWCR-05A	4293898
	89	2.2L(135) 4CYL	GWCR-26A	4387457
	90	2.2L(135) 4CYL	GWCR-28A	4483453
P100	68	3.7L(225) 6CYL	GWCR-06A	4131243
P200	67-72	3.7L(225) 6CYL	GWCR-06A	4131243

CHRYSLER

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
P300	67-72	3.7L(225) 6CYL	GWCR-06A	4131243
	59	5.2L(318) 8CYL	GWCR-07A	4728533
P310	59	3.8L(230) 6CYL	GWCR-07A	4728533
	59	5.2L(318) 8CYL	GWCR-07A	4728533
P320	59	5.2L(318) 8CYL	GWCR-07A	4728533
P410	59	5.2L(318) 8CYL	GWCR-07A	4728533
P420	59	5.2L(318) 8CYL	GWCR-07A	4728533
P450	59	5.2L(318) 8CYL	GWCR-07A	4728533
POLARA	63-64	2.8L(170) 6CYL	GWCR-06A	4131243
	63-73	3.7L(225) 6CYL	GWCR-06A	4131243
	70-73	5.2L(318) 8CYL	GWCR-07A	4728533
	72-73	5.6L(340) 8CYL	GWCR-07A	3837641
	60-64	5.9L(360) 8CYL	GWCR-20A	2808681
	71-73	5.9L(360) 8CYL	GWCR-07A	3837641
	60-71	6.3L(383) 8CYL	GWCR-20A	2808681
	72-73	6.6L(400) 8CYL	GWCR-20A	3780127
	61-65	6.7L(413) 8CYL	GWCR-20A	2808681
	63	6.8L(413) 8CYL	GWCR-20A	2808681
	63-67	7.0L(426) 8CYL	GWCR-20A	2808681
	66-73	7.2L(440) 8CYL	GWCR-20A	2808681
POWER RAM 50	83	2.0L(1997cc) 4CYL	GWM-23A	MD997079
	84	2.0L(1995cc) 4CYL Diesel	GWM-23A	MD997079
	83-85	2.3L(2346cc) 4CYL Diesel	GWM-39A	MD997150
	83-86	2.6L(156) 4CYL	GWM-37A	MD997178
RAIDER	87-89	2.6L(156) 4CYL	GWM-37A	MD997178
	89	3.0L(181) 6CYL	GWM-40A	MD997515
RAM 1500	02-10	3.7L(226) 6CYL	GWCR-41A	53021187AA
	94-01	3.9L(239) 6CYL	GWCR-36A	53020280
	04-10	4.7L(287) 8CYL	GWCR-41A	53021187AA
	94-01	5.2L(318) 8CYL	GWCR-36A	53021018AD
	04-08	5.7L(345) 8CYL		53021380AK
	09-10	5.7L(345) 8CYL		53022192AF
	94-03	5.9L(360) 8CYL	GWCR-36A	53021018AD
	04-06	8.3L(505) 10CYL		5037164AC
RAM 1500 PICKUP	02-03	3.7L(226) 6CYL	GWCR-41A	53021187AA
	99-01	3.9L(239) 6CYL	GWCR-36A	53021018AB
	02-03	4.7L(287) 8CYL	GWCR-41A	53021187AA
	99-01	5.2L(318) 8CYL	GWCR-36A	53021018AD
	03	5.7L(345) 8CYL		53021380AG
	99-03	5.9L(360) 8CYL	GWCR-36A	53021018AD
RAM 1500 VAN	99-03	3.9L(239) 6CYL	GWCR-36A	53021018AC
	99-03	5.2L(318) 8CYL	GWCR-36A	53021018AD
	99-03	5.9L(360) 8CYL	GWCR-36A	53021018AD
RAM 2500	94-96	5.2L(318) 8CYL	GWCR-36A	53021018AD
	04-08	5.7L(345) 8CYL		53021380AK
	09-10	5.7L(345) 8CYL		53022192AF
	94-02	5.9L(360) 8CYL	GWCR-36A	53021018AD
	94-97	5.9L(359) 6CYL Diesel	GWCR-38A	R5003665AA
	98	5.9L(359,D) 6CYL Diesel	GWCR-38A	R5003665AA
	98	5.9L(359,6) 6CYL Diesel		5010964AB
	04-09	5.9L(359) 6CYL Diesel		5010964AB

CHRYSLER

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
RAM 2500	09	5.9L(359,7) 6CYL Diesel		53022192AE
	07-10	6.7L(408) 6CYL		68003402AA
	94-98	8.0L(488) 10CYL		53005877
RAM 2500 PICKUP	03	5.7L(345) 8CYL		53021380AG
	99-02	5.9L(360,Z) 8CYL	GWCR-36A	53021018AD
	99-03	5.9L(359) 6CYL Diesel		5010964AB
	99-03	8.0L(488) 10CYL		53021074AC
RAM 2500 VAN	01	3.9L(239) 6CYL	GWCR-36A	53021018AC
	99-03	5.2L(318) 8CYL	GWCR-36A	53021018AD
	99-03	5.9L(360,Z) 8CYL	GWCR-36A	53021018AD
RAM 3500	04-08	5.7L(345,D) 8CYL		53021380AK
	09	5.7L(345,T) 8CYL		53022192AF
	94-02	5.9L(360,5,Z) 8CYL	GWCR-36A	53021018AD
	94-98	5.9L(359,C,D) 6CYL Diesel	GWCR-38A	R5003665AA
	98-09	5.9L(359,C,6,7) 6CYL Diesel		5010964AB
	09	5.9L(359,7) 6CYL Diesel		53022192AE
	10	5.9L(359,7) 6CYL Diesel		68003402AA
	07-10	6.7L(408,A,L) 6CYL Diesel		68003402AA
	94-98	8.0L(488) 10CYL		53005877
RAM 3500 PICKUP	03	5.7L(345) 8CYL		53021380AG
	99-02	5.9L(360,5,Z) 8CYL	GWCR-36A	53021018AD
	99-03	5.9L(359,C,6,7) 6CYL Diesel		5010964AB
	99-03	8.0L(488) 10CYL		53021074AC
RAM 3500 VAN	99-03	5.2L(318) 8CYL	GWCR-36A	53021018AD
	99-03	5.9L(360) 8CYL	GWCR-36A	53021018AD
RAM 50	83-89	2.0L(122) 4CYL	GWM-23A	MD997079
	83-85	2.3L(143) Diesel 4CYL	GWM-39A	MD997150
	90-93	2.4L(2351cc) 4CYL	GWM-23A	MD997079
	83-84	2.6L(156) 4CYL	GWM-37A	MD997178
	85	2.6L(156) 4CYL To 01/85	GWM-23A	MD997079
	85-89	2.6L(156) 4CYL From 01/85	GWM-37A	MD997178
	90-91	3.0L(181) 6CYL	GWM-40A	MD997634
RAMCHARGER	74-80	3.7L(225) 6CYL	GWCR-06A	4131243
	74-91	5.2L(318) 8CYL	GWCR-07A	3837641
	92	5.2L(318) 8CYL	GWCR-37A	53008354
	93	5.2L(318) 8CYL	GWCR-36A	53021018AD
	74-92	5.9L(360) 8CYL	GWCR-07A	4728533
	93	5.9L(360) 8CYL	GWCR-36A	53021018AD
	74-78	6.6L(400) 8CYL	GWCR-20A	3780127
	74-78	7.2L(440) 8CYL	GWCR-20A	2808681
RAMPAGE	82-84	2.2L(135) 4CYL	GWCR-05A	4293898
RD200	78-80	5.2L(318) 8CYL	GWCR-07A	3837641
	78-80	5.9L(360) 8CYL	GWCR-07A	4728533
ROYAL	58	5.7L(350) 8CYL	GWCR-20A	2808681
	58	5.9L(361) 8CYL	GWCR-07A	3837641
	59	5.9L(361) 8CYL	GWCR-07A	3837641
	59	6.3L(383) 8CYL	GWCR-20A	2808681
ROYAL MINI RAM	84-87	2.2L(135) 4CYL	GWCR-05A	4293898
	84-87	2.6L(156) 4CYL	GWM-22A	MD025190
	87	3.0L(181) 6CYL	GWM-40A	MD997244

CHRYSLER

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
ROYAL MONACO	75-77	5.2L(318) 8CYL	GWCR-07A	3837641
	75-77	5.9L(360) 8CYL	GWCR-07A	3837641
	75-77	6.6L(400) 8CYL	GWCR-20A	3780127
	75-77	7.2L(440) 8CYL	GWCR-20A	2808681
SHADOW	87-88	2.2L(135) 4CYL	GWCR-05A	4293898
	89	2.2L(135) 4CYL	GWCR-26A	4387457
	90-94	2.2L(135) 4CYL	GWCR-28A	4483453
	88	2.5L(153) 4CYL	GWCR-05A	4293898
	89	2.5L(153) 4CYL	GWCR-26A	4387457
	90-94	2.5L(153) 4CYL	GWCR-28A	4483453
	92-94	3.0L(181) 6CYL	GWM-40A	MD980000
SIERRA	58-59	5.3L(325) 8CYL	GWCR-07A	3837641
	58	5.7L(350) 8CYL	GWCR-07A	3837641
	58-59	5.9L(361) 8CYL	GWCR-07A	3837641
	59	6.3L(383) 8CYL	GWCR-20A	2808681
SPIRIT	91-92	2.2L(135) 4CYL		4626682
	89	2.5L(153) 4CYL	GWCR-26A	4387457
	90-95	2.5L(153) 4CYL	GWCR-28A	4483453
	89-95	3.0L(181) 6CYL	GWM-40A	MD997244
STEALTH	91-96	3.0L(181) 6CYL SOHC	GWM-40A	MD997244
	91-96	3.0L(181) 6CYL DOHC	GWM-50A	MD997643
STRATUS	95-00	2.0L(122) 4CYL	GWCR-30A	4667660
	95	2.4L(148) 4CYL	GWCR-33A	4621489
	96	2.4L(148) 4CYL Hydraulic Tensioner	GWCR-33A	4621489
	96	2.4L(148) 4CYL Mechanical Tensioner	GWCR-39A	4694307
	97-06	2.4L(148) 4CYL (2429cc)	GWCR-39A	4694307
	01-05	2.4L(2351cc) 4CYL	GWM-80A	MD976464
	95-00	2.5L(152) 6CYL	GWM-51A	MD973025
	01-06	2.7L(167) 6CYL	GWCR-40A	4663732
	01-05	3.0L(181) 6CYL	GWM-51A	MD977705
ST. REGIS	79-81	3.7L(225) 6CYL	GWCR-06A	4131243
	79-81	5.2L(318) 8CYL	GWCR-07A	3837641
	79-80	5.9L(361) 8CYL	GWCR-07A	3837641
SUBURBAN	58	5.3L(325) 8CYL	GWCR-07A	3837641
	58	5.7L(350) 8CYL	GWCR-07A	3837641
	58	5.9L(361) 8CYL	GWCR-07A	3837641
SX 2.0	03-05	2.0L(122) 4 CYL	GWCR-30A	4667660
TRUCK	60	2.8L((170) 6CYL	GWCR-06A	4131243
	59	5.2L(318) 8CYL	GWCR-07A	3837641
VIPER	92-96	8.0L(488) 10CYL		5245720
W100	60-77	3.7L(225) 6CYL	GWCR-06A	4131243
	86-87	3.7L(225) 6CYL	GWCR-06A	4131243
	89-91	3.9L(239) 6CYL	GWCR-07A	3837641
	92	3.9L(239) 6CYL	GWCR-37A	53008354
	93	3.9L(239) 6CYL	GWCR-36A	53021018AD
	71-77	5.2L(318) 8CYL	GWCR-07A	3837641
	86-91	5.2L(318) 8CYL	GWCR-07A	3837641
	92	5.2L(318) 8CYL	GWCR-37A	53008354
	93	5.2L(318) 8CYL	GWCR-36A	53021018AD
	72-77	5.9L(360) 8CYL	GWCR-07A	4728533
	86-91	5.9L(360) 8CYL	GWCR-07A	4728533
	93	5.9L(360) 8CYL	GWCR-36A	53021018AD

CHRYSLER

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
W100	63-71	6.3L(383) 8CYL	GWCR-20A	2808681
	71-77	6.6L(400) 8CYL	GWCR-20A	3780127
	74-77	7.2L(440) 8CYL	GWCR-20A	2808681
W150	78-84	3.7L(225) 6CYL	GWCR-06A	4131243
	85-87	3.7L(225) 6CYL	GWCR-06A	4131243
	89-91	3.9L(239) 6CYL	GWCR-07A	3837641
	92	3.9L(239) 6CYL	GWCR-37A	53008354
	93	3.9L(239) 6CYL	GWCR-36A	53020280
	78-79	4.0L(243) 6CYL	GWCR-07A	3837641
	77-91	5.2L(318) 8CYL	GWCR-07A	3837641
	92	5.2L(318) 8CYL	GWCR-37A	53008354
	93	5.2L(318) 8CYL	GWCR-36A	53021018AD
	77-81	5.9L(360) 8CYL	GWCR-07A	4728533
	85-91	5.9L(360) 8CYL	GWCR-07A	4728533
	93	5.9L(360) 8CYL	GWCR-36A	53021018AD
	77-78	6.6L(400) 8CYL	GWCR-20A	3780127
	78	7.2L(440) 8CYL	GWCR-20A	2808681
W200	60-77	3.7L(225) 6CYL	GWCR-06A	4131243
	78-79	4.0L(243) 6CYL	GWCR-07A	3837641
	70-79	5.2L(318) 8CYL	GWCR-07A	3837641
	71-79	5.9L(360) 8CYL	GWCR-07A	4728533
	63-71	6.3L(383) 8CYL	GWCR-20A	2808681
	72-73	6.6L(400) 8CYL	GWCR-07A	4728533
	76-78	6.6L(400) 8CYL	GWCR-20A	2808681
	74-78	7.2L(440) 8CYL	GWCR-20A	2808681
W250	85-91	5.2L(318) 8CYL	GWCR-07A	3837641
	92	5.2L(318) 8CYL	GWCR-37A	53008354
	93	5.2L(318) 8CYL	GWCR-36A	53021018AD
	85-92	5.9L(360) 8CYL	GWCR-07A	4728533
	89-93	5.9L(359) 6CYL Diesel	GWCR-38A	R5003665AA
	93	5.9L(360) 8CYL	GWCR-36A	53021018AD
W300	63-75	3.7L(225) 6CYL	GWCR-06A	4131243
	70-75	5.2L(318) 8CYL	GWCR-07A	3837641
	71-75	5.9L(360) 8CYL	GWCR-07A	4728533
	63-71	6.3L(383) 8CYL	GWCR-20A	2808681
	71-75	6.6L(400) 8CYL	GWCR-07A	4728533
	72-74	7.2L(440) 8CYL	GWCR-07A	4728533
	75-78	7.2L(440) 8CYL	GWCR-20A	2808681
W350	85-92	5.9L(360) 8CYL	GWCR-07A	4728533
	89-93	5.9L(359) 6CYL Diesel	GWCR-38A	R5003665AA
	93	5.9L(360) 8CYL	GWCR-36A	53021018AD
CHRYSLER(USA) PLYMOUTH				
ACCLAIM	89	2.5L(153) 4CYL	GWCR-26A	4387457
	90-95	2.5L(153) 4CYL	GWCR-28A	4483453
	89-95	3.0L(181) 6CYL	GWM-40A	MD997244
ARROW	71-77	1.6L(98) 4CYL	GWM-01A	MD001300
	78-79	1.6L(98) 4CYL	GWM-12A	MD009000
	76-79	2.0L(122) 4CYL	GWM-13A	MD021490
	79	2.6L(156) 4CYL	GWM-13A	MD021490
BARRACUDA	64-66	2.8L(170) 6CYL	GWCR-06A	3420050
	70-71	3.2L(198) 6CYL	GWCR-06A	4131243
	64-72	3.7L(225) 6CYL	GWCR-06A	3420050
	70-75	5.2L(318) 8CYL	GWCR-07A	3837641
	70-75	5.6L(340) 8CYL	GWCR-07A	3837641
	71-74	5.9L(360) 8CYL	GWCR-07A	3837641

CHRYSLER

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
BARRACUDA	67-71	6.3L(383) 8CYL	GWCR-20A	2808681
	70-71	7.0L(426) 8CYL	GWCR-20A	3780127
	70-72	7.2L(440) 8CYL	GWCR-07A	3837641
BELVEDERE	60-70	3.7L(225) 6CYL	GWCR-06A	3420050
	70	5.2L(318) 8CYL	GWCR-07A	3837641
	58	5.7L(350) 8CYL	GWCR-20A	2808681
	59-62	5.9L(361) 8CYL	GWCR-20A	2808681
	60-70	6.3L(383) 8CYL	GWCR-20A	2808681
	61-64	6.7L(413) 8CYL	GWCR-20A	2808681
	63-70	7.0L(426) 8CYL	GWCR-20A	2808681
	66-67	7.2L(440) 8CYL	GWCR-20A	2808681
BELVEDERE II	70	7.2L(440) 8CYL	GWCR-07A	3837641
	65-67	3.7L(225) 6CYL	GWCR-06A	3420050
	66	5.9L(361) 8CYL	GWCR-20A	2808681
	65-67	6.3L(383) 8CYL	GWCR-20A	2808681
	65-67	7.0L(426) 8CYL	GWCR-20A	2808681
BREEZE	67	7.2L(440) 8CYL	GWCR-20A	2808681
	96-00	2.0L(122) 4CYL	GWCR-30A	4667660
	96	2.4L(148) 4CYL	GWCR-33A	4621489
CARAVELLE	97-00	2.4L(148) 4CYL	GWCR-39A	4694307AB
	85-88	2.2L(135) 4CYL	GWCR-05A	4293898
	86-88	2.5L(153) 4CYL	GWCR-05A	4293898
	85	2.6L(156) 4CYL	GWM-22A	MD025190
	78-79	3.7L(225) 6CYL	GWCR-06A	3420050
	78-79	5.2L(318) 8CYL	GWCR-07A	3837641
	86-89	5.2L(318) 8CYL	GWCR-07A	3837641
CHAMP	78-79	5.9L(360) 8CYL	GWCR-07A	3837641
	79-80	1.4L(1410cc) 4CYL	GWM-14A	MD030751
	79-80	1.6L(98) 4CYL	GWM-15A	MD008431
	81-82	1.4L(1400cc) 4CYL	GWM-17A	MD030863
COLT FWD	81-82	1.6L(1600cc) 4CYL	GWM-19A	MD034152
	83-84	1.4L(1410cc) 4CYL	GWM-17A	MD997076
	85-94	1.5L(1468cc) 4CYL	GWM-17A	MD997609
	83-88	1.6L(1595cc) 4CYL	GWM-19A	MD997078
	89-90	1.6L(1595cc) 4CYL (Hatchback)	GWM-53A	MD997418
	89-90	1.6L(1595cc) 4CYL (Wagons)	GWM-19A	MD997078
	89-90	1.8L(1755cc) 4CYL	GWM-19A	MD997078
	89-90	1.8L(1834cc) 4CYL	GWM-19A	MD997078
	93	1.8L(1834cc) 4CYL	GWM-47A	MD179030
COLT VISTA	94	1.8L(1834cc) 4CYL	GWM-47A	MD300799
	84-91	2.0L(1997cc) 4CYL	GWM-27A	MD997081
	92	2.4L(2351cc,W) 4CYL	GWM-45A	MD997622
	93-94	2.4L(2351cc) 4CYL	GWM-48A	MD972050
CONQUEST	85-86	2.6L(156) 4CYL	GWM-37A	MD997158
CRICKET	71-73	1.5L(91) 4CYL	GWCR-17A	71244450
CUDA	70-74	5.2L(318) 8CYL	GWCR-07A	3837641
	70-73	5.6L(340) 8CYL	GWCR-07A	3837641
	71-74	5.9L(360) 8CYL	GWCR-07A	3837641
	70-71	6.3L(383) 8CYL	GWCR-20A	2808681
	70-71	7.0L(426) 8CYL	GWCR-20A	3780127
	70-72	7.2L(440) 8CYL	GWCR-07A	3837641

CHRYSLER

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
CUSTOM	60-61	3.7L(225) 6CYL	GWCR-06A	3420050
	60-61	5.9L(361) 8CYL	GWCR-20A	2808681
	60-61	6.3L(383) 8CYL	GWCR-20A	2808681
DUSTER	70-74	3.2L(198) 6CYL	GWCR-06A	4131243
	70-76	3.7L(225) 6CYL	GWCR-06A	3420050
	70-76	5.2L(318) 8CYL	GWCR-07A	3837641
	70-73	5.6L(340) 8CYL	GWCR-07A	3837641
	74-76	5.9L(361) 8CYL	GWCR-07A	3837641
EXPO	87-88	2.2L(135) 4CYL	GWCR-05A	4293898
	89	2.2L(135) 4CYL	GWCR-26A	4387457
FLEET SPECIAL	60-63	3.7L(225) 6CYL	GWCR-06A	3420050
	60-63	5.9L(361) 8CYL	GWCR-20A	2808681
	60-63	6.3L(383) 8CYL	GWCR-20A	2808681
	62-63	6.7L(413) 8CYL	GWCR-20A	2808681
	63	7.0L(426) 8CYL	GWCR-20A	2808681
FURY	60-73	3.7L(225) 6CYL	GWCR-06A	3420050
	74	3.7L(225) 6CYL	GWCR-20A	2808681
	75-78	3.7L(225) 6CYL	GWCR-06A	3420050
	70-73	5.2L(318) 8CYL	GWCR-07A	3837641
	74	5.2L(318) 8CYL	GWCR-20A	2808681
	75-78	5.2L(318) 8CYL	GWCR-07A	3837641
	59-65	5.9L(361) 8CYL	GWCR-20A	2808681
	71-78	5.9L(360) 8CYL	GWCR-07A	3837641
	60-71	6.3L(383) 8CYL	GWCR-20A	2808681
	72-78	6.6L(400) 8CYL	GWCR-20A	3780127
	62-63	6.7L(413) 8CYL	GWCR-20A	2808681
	62	6.8L(413) 8CYL	GWCR-20A	2808681
	63-66	7.0L(426) 8CYL	GWCR-20A	2808681
	66-78	7.2L(440) 8CYL	GWCR-20A	2808681
FURY I	68-74	3.7L(225) 6CYL	GWCR-06A	3420050
	70-74	5.2L(318) 8CYL	GWCR-07A	3837641
	71-74	5.9L(360) 8CYL	GWCR-07A	3837641
	68-71	6.3L(383) 8CYL	GWCR-20A	2808681
	72-74	6.6L(400) 8CYL	GWCR-20A	3780127
	68-73	7.2L(440) 8CYL	GWCR-20A	2808681
	74	7.2L(440) 8CYL	GWCR-07A	3837641
FURY II	65-74	3.7L(225) 6CYL	GWCR-06A	3420050
	70-74	5.2L(318) 8CYL	GWCR-07A	3837641
	71-74	5.9L(360) 8CYL	GWCR-07A	3837641
	65-71	6.3L(383) 8CYL	GWCR-20A	2808681
	72-74	6.6L(400) 8CYL	GWCR-20A	3780127
	65	7.0L(426) 8CYL	GWCR-20A	2808681
	68-74	7.2L(440) 8CYL	GWCR-20A	2808681
FURY III	65-73	3.7L(225) 6CYL	GWCR-06A	3420050
	70-74	5.2L(318) 8CYL	GWCR-07A	3837641
	71-74	5.9L(360) 8CYL	GWCR-07A	3837641
	65-71	6.3L(383) 8CYL	GWCR-20A	2808681
	72-74	6.6L(400) 8CYL	GWCR-20A	3780127
	65	7.0L(426) 8CYL	GWCR-20A	2808681
	68-74	7.2L(440) 8CYL	GWCR-20A	2808681
GRAN FURY	72-77	5.2L(318) 8CYL	GWCR-07A	3837641
	85-89	5.2L(318) 8CYL	GWCR-07A	3837641
	72-77	5.9L(360) 8CYL	GWCR-07A	3837641
	72-77	6.6L(400) 8CYL	GWCR-20A	3780127
	72-77	7.2L(440) 8CYL	GWCR-20A	2808681

CHRYSLER

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
CHRYSLER(USA) PLYMOUTH				
GRAND VOYAGER	96	2.4L(148) 4CYL Hydraulic Tensioner	GWCR-33A	4621489
	96	2.4L(148) 4CYL Mechanical Tensioner	GWCR-39A	4694307
	97	2.4L(148) 4CYL	GWCR-39A	4694307
	88	2.5L(153) 4CYL	GWCR-05A	4293898
	88-95	3.0L(181) 6CYL	GWM-40A	MD997244
	90-95	3.3L(201) 6CYL	GWCR-27A	4448878
	94-95	3.8L(230) 6CYL	GWCR-27A	4448878
GTX	70-71	5.2L(318) 8CYL	GWCR-20A	2808681
	67-71	6.3L(383) 8CYL	GWCR-20A	2808681
	67-71	7.0L(426) 8CYL	GWCR-20A	2808681
	67-71	7.2L(440) 8CYL	GWCR-20A	2808681
HORIZON	78-79	1.7L(105) 4CYL	GWCR-04A	
	85-86	1.6L(97) 4CYL		4173703
	81-88	2.2L(135) 4CYL	GWCR-05A	4293898
	89	2.2L(135) 4CYL	GWCR-26A	4387457
	90	2.2L(135) 4CYL	GWCR-28A	4483453
LASER	90-94	1.8L(107) 4CYL	GWM-19A	MD997078
	90-94	2.0L(122) 4CYL	GWM-44A	MD997417
NEON	95-01	2.0L(122) 4CYL	GWCR-30A	4667660
PB100	74-79	3.7L(225) 6CYL	GWCR-06A	3420050
	74-79	5.2L(318) 8CYL	GWCR-07A	3837641
	74-78	5.9L(360) 8CYL	GWCR-07A	3837641
PB200	74-78	3.7L(225) 6CYL	GWCR-06A	3420050
	74-79	5.2L(318) 8CYL	GWCR-07A	3837641
	74-79	5.9L(360) 8CYL	GWCR-07A	3837641
	76-78	6.6L(400) 8CYL	GWCR-20A	3780127
	76-78	7.2L(440) 8CYL	GWCR-20A	3780127
PB300	74-79	5.2L(318) 8CYL	GWCR-07A	3837641
	74-79	5.9L(360) 8CYL	GWCR-07A	3837641
	76-78	6.6L(400) 8CYL	GWCR-20A	3780127
	74-78	7.2L(440) 8CYL	GWCR-07A	3837641
PROWLER	97	3.5L(215,G) 6CYL	GWCR-32A	4663296
	97	3.5L(215,F) 6CYL	GWCR-34A	4663296AB
	99-01	3.5L(215) 6CYL	GWCR-35A	4792195
RELIANT	81-88	2.2L(135) 4CYL	GWCR-05A	4293898
	89	2.2L(135) 4CYL	GWCR-26A	4636258
	85-88	2.5L(153) 4CYL	GWCR-05A	4293898
	89	2.5L(153) 4CYL	GWCR-26A	4636258
	81-85	2.6L(156) 4CYL	GWM-22A	MD025190
ROADRUNNER	71-75	5.2L(318) 8CYL	GWCR-07A	3837641
	69-70	5.6L(340) 8CYL	GWCR-20A	2808681
	71-73	5.6L(340) 8CYL	GWCR-07A	3837641
	74-75	5.9L(360) 8CYL	GWCR-07A	3837641
	68-71	6.3L(383) 8CYL	GWCR-20A	2808681
	72-75	6.6L(400) 8CYL	GWCR-20A	3780127
	68-71	7.0L(426) 8CYL	GWCR-20A	2808681
	68-74	7.2L(440) 8CYL	GWCR-20A	2808681
SAPPORO	78-79	1.6L(98) 4CYL	GWM-12A	MD009000
	78-83	2.6L(156) 4CYL	GWM-13A	MD021490

CHRYSLER

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
SATELLITE	65-74	3.7L(225) 6CYL	GWCR-06A	3420050
	70-74	5.2L(318) 8CYL	GWCR-07A	3837641
	70-73	5.6L(340) 8CYL	GWCR-07A	3837641
	71-74	5.9L(360) 8CYL	GWCR-07A	3837641
	69-71	6.3L(383) 8CYL	GWCR-20A	2808681
	72-73	6.6L(400) 8CYL	GWCR-20A	3780127
	65-67	7.0L(426) 8CYL	GWCR-20A	2808681
	66-67	7.2L(440) 8CYL	GWCR-20A	2808681
	70-73	7.2L(440) 8CYL	GWCR-07A	3837641
	74	7.2L(440) 8CYL	GWCR-20A	2808681
SAVOY	60-64	3.7L(225) 6CYL	GWCR-06A	3420050
	59-62	5.9L(361) 8CYL	GWCR-20A	2808681
	60-64	6.3L(383) 8CYL	GWCR-20A	2808681
	62-64	6.7L(413) 8CYL	GWCR-20A	2808681
	61	6.8L(413) 8CYL	GWCR-20A	2808681
	63-65	7.0L(426) 8CYL	GWCR-20A	2808681
SCAMP	71-74	3.2L(198) 6CYL	GWCR-06A	4131243
	71-76	3.7L(225) 6CYL	GWCR-06A	3420050
	71-76	5.2L(318) 8CYL	GWCR-07A	3837641
SPORT WAGON	60-61	3.7L(225) 6CYL	GWCR-06A	3420050
	60-61	5.9L(361) 8CYL	GWCR-20A	2808681
	60-61	6.3L(383) 8CYL	GWCR-20A	2808681
SUBURBAN	60-61	3.7L(225) 6CYL	GWCR-06A	3420050
	58-59	3.8L(230) 6CYL	GWCR-20A	2808681
	58-61	5.9L(361) 8CYL	GWCR-20A	2808681
	60-61	6.3L(383) 8CYL	GWCR-20A	2808681
SUNDANCE	87-88	2.2L(135) 4CYL	GWCR-05A	4293898
	89	2.2L(135) 4CYL	GWCR-26A	4387457
	90-94	2.2L(135) 4CYL	GWCR-28A	4483453
	88	2.5L(153) 4CYL	GWCR-05A	4293898
	89	2.5L(153) 4CYL	GWCR-26A	4387457
	90-94	2.5L(153) 4CYL	GWCR-28A	4483453
	92-94	3.0L(181) 6CYL	GWM-40A	MD980000
SUPERBIRD	70	7.0L(426) 8CYL	GWCR-20A	2808681
	70	7.2L(440) 8CYL	GWCR-20A	2808681
TRAILDUSTER	74-79	3.7L(225) 6CYL	GWCR-06A	3420050
	74-79	5.2L(318) 8CYL	GWCR-07A	3837641
	74-79	5.9L(360) 8CYL	GWCR-07A	3837641
	74	6.6L(400) 8CYL	GWCR-07A	3837641
	76-78	6.6L(400) 8CYL	GWCR-20A	2808681
	74-78	7.2L(440) 8CYL	GWCR-20A	2808681
TURISMO	83-85	1.6L(97) 4 CYL		4173703
VALIANT	60-71	2.8L(170) 6CYL	GWCR-06A	3420050
	70-74	3.2L(198) 6CYL	GWCR-06A	4131243
	61-76	3.7L(225) 6CYL	GWCR-06A	3420050
	70-76	5.2L(318) 8CYL	GWCR-07A	3837641
	70-73	5.6L(340) 8CYL	GWCR-07A	3837641
	71-76	5.9L(360) 8CYL	GWCR-07A	3837641
VIP	67	6.3L(383) 8CYL	GWCR-20A	2808681
	67	7.2L(440) 8CYL	GWCR-20A	2808681
VOLARE	76-79	3.7L(225) 6CYL	GWCR-06A	4131243
	76-79	5.2L(318) 8CYL	GWCR-07A	3780109

CHRYSLER

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
VOLARE	76-79	5.9L(360) 8CYL	GWCR-07A	3780109
VOYAGER	85-87	2.2L(135) 4CYL	GWCR-05A	4293898
	96	2.4L(148) 4CYL Hydraulic Tensioner	GWCR-33A	4621489
	96	2.4L(148) 4CYL Mechanical Tensioner	GWCR-39A	4694307
	97-00	2.4L(148) 4CYL	GWCR-39A	4694307
	87-88	2.5L(153) 4CYL	GWCR-05A	4293898
	89	2.5L(153) 4CYL	GWCR-26A	4387457
	90-95	2.5L(153) 4CYL	GWCR-28A	4483453
	85-87	2.6L(156) 4CYL	GWM-22A	MD025190
	87-00	3.0L(181) 6CYL	GWM-40A	MD997244
	91-00	3.3L(201) 6CYL	GWCR-27A	4448878
	99	3.8L(230) 6CYL	GWCR-27A	5010898AA
CHRYSLER(EUROPE) TALBOT				
ALPINE	75-86	1300,1500,1600		49152500
AVENGER	70-82	1250,1300,1500,1600 VISCOUS FAN		75221514
	95-98	200	GWCR-30A	4667660
	95-98	200 FIXED FAN	GWCR-17A	71244450
	76-82	1300,1600 ELECTRIC FAN	GWCR-18A	20262700
HORIZON	78-86	1.10013E+15		49152500
	83-86	1900(D)		1210-39
SAMBA	82-86	1000,1100,1400	GWP-08AP	7901120258
SOLARA	80-86	1300,1500,1600		49152500
SUNBEAM	77-81	1000,1300,1600 ELECTRIC FAN	GWCR-18A	20443700
	77-81	1300,1600 FIXED FAN	GWCR-17A	75221515
CHRYSLER(EUROPE) TALBOT				
TAGORA	81-83	2.2L		18212400
	81-83	2.3L(D)		1202-96
CHRYSLER(EUROPE) HILMAN				
HUNTER	66-79	1500,1725	GWCR-01A	5221263
	63-65	HUSKEY SERIES III		1206900
MINX	61-67	SERIES V & VI		1206900
	67-76	SERIES V & VI FIXED FAN	GWCR-01A	5221263
CHRYSLER(EUROPE) HUMBER				
SCEPTRE	63-67	MK I & II		1206900
	67-76	MK I & II FIXED FAN	GWCR-01A	5221263
CHRYSLER(EUROPE) MATRA SIMCA				
BAGHEERA	75-80			49152500
MURENA	81-86	1.6L		49152500
	81-86	2.2L		18212400
RANCHO	75-85			59152500
CHRYSLER(EUROPE) SIMCA				
SIMCA	67-80	1100		49152500
	70-71	1204 SPECIAL		49152500
	75-86	1307,1308,1510		49152500
CHRYSLER(EUROPE) SINGER				
GAZELLE	63-67	SERIES V & VI		1206900
	67-70	SERIES V & VI FIXED FAN	GWCR-01A	5221263

CHRYSLER

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
VOGUE	61-67	MK I II III IV		1206900
	66-70	MK I II III IV FIXED FAN	GWCR-01A	5221263
CHRYSLER(EUROPE) SUNBEAM				
ALPINE	63-67	SERIES III, IV, V		1206900
	63-67	SERIES III, IV, V FIXED FAN	GWCR-01A	5221263
	68-76	RAPIER FIXED FAN	GWCR-01A	5221263
CHRYSLER(EUROPE) SIMCA/DODGE				
SIMCA/DODGE	76-82	1100 VAN		49152500
CHRYSLER(EUROPE) TAXI				
FX4	70-82	2.5L(D) (AUSTIN)		12B2438
FX4R	82-89	2.25L(D) (LAND ROVER)	GWBL-03A	GWP312
CHRYSLER(AUSTRALIA)				
CENTURA	75-78	HEMI ENG 6CYL	GWCR-03A	3425318
VALIANT	62-70	SLANT ENG 6CYL	GWCR-02A	EX196910
	70-81	HEMI ENG 6CYL	GWCR-03A	3425318
	70-81	8CYL W/O AC ,W/O THERMAL DRIVE	GWCR-07A	3837640
	70-81	8CYL W/O AC ,W/ THERMAL DRIVE		3837641
	70-81	8CYL W/ AC ,W/ THERMAL DRIVE		3541621

DAIHATSU

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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ALTIS

SXV20N/25N	2200	5SFE	EFI	00.03-01.09		16100-79186
SXV20N/25N	2200	5SFE	EFI	00.03-01.09	GWT-77A	16110-79026
ACV30N/35N	2400	2AZFE	EFI	01.09-06.01	GWT-119A	16100-28041
ACV40N/45N	2400	2AZFE	EFI	06.01-14.01		16100-0H050

APPLAUSE

A101S	1600	HD	GAS	89.06-92.06	GWD-32A	16100-B9170
A101S/111S	1600	HD	EFI	89.06-00.05	GWD-32A	16100-B9170

BEGO

J200G/210G	1500	3SZVE	EFI	06.01-14.01	GWT-100A	16100-B9010
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BOON

M312S	900	KJVET	TBO	06.03-10.02	GWT-100A	16100-B9010
M300S/310S	1000	1KRFE	EFI	04.05-10.02	GWT-142A	16100-80003
M600S/610S	1000	1KRFE	EFI	10.02-14.01	GWT-142A	16100-80007
M301S	1300	K3VE	EFI	04.05-10.02	GWT-100A	16100-B9010
M601S	1300	1NRFE	EFI	10.02-14.01		16100-80004
M502G/512G	1500	3SZVE	EFI	08.12-14.01	GWT-100A	16100-B9010

CHARADE

G10	1000	CB		77.10-82.12	GWD-15A	16100-87706-000
G100S	1000	CB	TBO	87.01-88.01	GWD-27A	16100-87730-000
G100S	1000	CB	GAS	87.01-93.01	GWD-27A	16100-87730-000
G100S	1000	CB	TBO	87.01-93.01	GWD-34A	16100-87731-000
G101S	1000	CL	DIE	87.01-93.01	GWD-17A	16100-87726-000
G101S	1000	CL	DTB	87.01-93.01	GWD-17A	16100-87726-000
G102S	1300	HCF	GAS	89.01-90.11	GWD-32A	16100-B9170
G102S/112S	1300	HCE	EFI	88.01-93.01	GWD-32A	16100-B9170
G200S	1300	HCE	EFI	93.01-00.03	GWD-32A	16100-B9170
G203S/213S	1500	HEEG	EFI	93.07-00.03	GWD-32A	16100-B9170
G201S	1600	HDEG	EFI	93.07-98.07	GWD-32A	16100-B9170

CHARMANT

A10	1200	3K		74.11-78.03	GWT-09A	16100-29028-000
A10V	1200	3K		74.11-79.08	GWT-09A	16100-29028-000
A30	1300	4K		78.03-81.07	GWT-30A	16100-19015-000
A30V	1300	4K		79.08-81.07	GWT-30A	16100-19015-000
A35	1300	4K	MTM	81.10-83.08	GWT-30A	16100-19015-000
A35	1300	4K	ATM	81.10-87.07	GWT-59A	16100-19075-000
A20	1400	T		74.11-79.08	GWT-01A	16100-25012-000
A55	1500	3A		81.10-87.07	GWT-49A*	16100-19036-000
A20	1600	12T		79.08-79.08	GWD-24A	16100-28030-000
A40	1600	12T		78.03-87.07	GWT-01A	16100-25012-000
A40	1600	12T		79.08-81.07	GWD-24A	16100-28030-000

CONSORTE

EP30/40/45	1000	FE		75.12-77.01		16100-87181-000
EP31	1200	3K		71.05-74.04	GWT-02A	16100-29016-000
EP31/42/47	1200	3K		74.04-76.01	GWT-09A	16100-29028-000
EP42/47	1200	3K		73.10-74.04	GWT-03A	16100-29026-000
EP50/51	1200	3K		76.01-77.09	GWT-09A	16100-29028-000

COO

M401S/411S	1300	K3VE	EFI	06.05-14.01	GWT-100A	16100-B9010
M402S	1500	3SZVE	EFI	06.05-14.01	GWT-100A	16100-B9010

COPEN

L880K	660	JBDET	TBO	02.06-14.01	GWD-45A	16100-B9330
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DELTA

KB10	1200	3K		76.10-78.02	GWT-09A	16100-29028-000
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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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DELTA

KD10	1200	3K		71.03-74.04	GWT-02A	16100-29016-000
KD10	1200	3K		74.04-78.02	GWT-09A	16100-29028-000
KB11,KD11	1300	4KJ		78.02-79.10	GWT-09A	16100-29028-000
KB12,KD20	1300	4KJ		79.10-90.08	GWT-60A	16100-19045-000
SV17	1600	12R		72.03-75.12	GWT-05A	16100-39115-000
SV17	1600	12R		75.12-77.08	GWT-12A	16100-39116-000
TB10	1600	2T		76.10-79.10	GWT-01A	16100-25012-000
TB11	1600	12T		76.10-79.10	GWT-01A	16100-25012-000
TB11	1600	2T		79.10-82.10	GWT-31AF	16100-28010-000
TB15	1800	13T		78.09-82.10	GWT-31AF	16100-28020-000
DV23,SV23	2000	5R		72.03-75.04	GWT-14A	16100-49155-000
DV23,SV23	2000	5R		75.04-77.08	GWT-24A	16100-49415-000
V30/31/32/33/35	2000	5R		77.08-82.04	GWT-24A	16100-49415-000
V34/36	2000	5R		77.08-79.08	GWT-24A	16100-49415-000
V34/36	2000	5R		79.08-80.04		16100-49576-000
DV26,SV18/26	2500	DG	DIE	73.09-77.08		16100-87303-000
V20/23/24/25/26	2500	DG	DIE	77.08-82.10	GWD-14A	16100-87380-000
V20/23/24/25/26	2500	DG	DIE	82.10-83.02	GWD-28A	16100-37382-000
RZU300N	2700	3RZFPE	LPG	00.05-03.06	GWT-131A	16100-79255
RZU300N/340N	2700	3RZFE	EFI	00.05-03.06	GWT-131A	16100-79255
V54/56	2800	DL	DIE	78.02-84.04	GWD-28A	16100-87382-000
V57	2800	DL	DIE	84.09-89.01	GWD-28A	16100-87387-000
V57	2800	DL	DIE	84.09-95.04	GWD-46A	16100-B9090
DV28,SV28	3000	B	DIE	72.03-77.08	GWD-13A	16100-59017-000
V10/11/12/17/18	3000	B	DIE	77.08-80.09	GWD-13A	16100-59017-000
V10/11/12/17/18	3000	B	DIE	80.09-84.08	GWT-109A	16100-59075-000
V98/99	3000	B	DIE	80.08-94.12	GWT-109A	16100-59145-000
V98/D/99	3000	B	DIE	84.09-90.05	GWD-13A	16100-59145-000
V98/D/99	3000	B	DIE	84.09-95.04	GWT-110A	16100-59166-000
BU100N	3400	3B	DIE	95.05-99.05	GWT-110A	16100-59166
BU105N	3400	3B	DIE	97.08-99.05	GWT-110A	16100-59166
V48	3400	3B	DIE	80.09-84.09	GWT-109A	16100-59075-000
V75/76/78/79/78D	3400	13B	DIE	84.09-88.08	GWD-13A	16100-59145-000
V75D	3400	13B	DIE	84.09-87.08	GWD-13A	16100-59145-000
BU301J/306N/Z/346N	3700	4B	DIE	99.05-02.06		16100-59285
BU301N	3700	4B	DIE	99.07-03.06		16100-59285
V115/116/118/118D/119	3700	14B	DIE	88.08-95.04	GWT-110A	16100-59166-000
BU102J/U/N	4100	15BF	DIE	95.05-99.05	GWT-110A	16100-59166
BU102P/107N/147N/222N	4100	15BF	DIE	96.10-99.05	GWT-110A	16100-59166
BU112J/212S	4100	15BF	DIE	97.08-99.05	GWT-110A	16100-59166
BU112N/U/142N	4100	15BF	DIE	95.05-99.05	GWT-110A	16100-59166
BU162J/N/U/172N/212N	4100	15BF	DIE	95.05-99.05	GWT-110A	16100-59166
BU222N	4100	15BFT	DTB	96.10-99.05	GWT-110A	16100-59166
BU400N/410N/420N	4100	15BFTE	DTB	99.08-03.06		16100-59295
BU430N	4100	15BFTE	DTB	99.07-03.06		16100-59295
XZU301J/302N	4100	15B	CNG	00.10-03.06	GWT-110A	16100-59166
XZU301J/P/341N	4100	15B	LPG	00.05-03.06	GWT-110A	16100-59166
XZU302N/342N	4100	15B	LPG	01.08-03.06	GWT-110A	16100-59166
XZU342N	4100	15B	CNG	01.08-03.06	GWT-110A	16100-59166
XZU412N	4100	15BCNG	CNG	00.11-03.06	GWT-110A	16100-59166
XZU412N	4100	15BLPG	LPG	02.06-03.06	GWT-110A	16100-59166
XZU302J/302P/302U	4600	S05C	DIE	99.05-03.06		16100-78030
XZU302J/302P/302U	4600	S05C	DIE	99.05-03.06		16100-78051
XZU302N	4600	S05C	DIE	99.06-03.06		16100-78030
XZU302N	4600	S05C	DIE	99.06-03.06		16100-78051
XZU307N/312U/322N	4600	S05C	DIE	99.05-03.06		16100-78030
XZU307N/312U/322N	4600	S05C	DIE	99.05-03.06		16100-78051
XZU307Z	4600	S05C	DIE	99.08-03.06		16100-78030
XZU307Z	4600	S05C	DIE	99.08-03.06		16100-78051
XZU322U/337N/347N	4600	S05C	DIE	99.05-03.06		16100-78030
XZU322U/337N/347N	4600	S05C	DIE	99.05-03.06		16100-78051
XZU342N	4600	S05C	DIE	00.05-03.06		16100-78030

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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DELTA

XZU342N	4600	S05C	DIE	00.05-03.06		16100-78051
XZU352U/402N/412N	4600	S05C	DIE	99.05-03.06		16100-78030
XZU352U/402N/412N	4600	S05C	DIE	99.05-03.06		16100-78051
XZU362J/362N/362U	4600	S05C	DIE	99.07-03.06		16100-78042
XZU372N/382N	4600	S05C	DIE	99.07-03.06		16100-78042
XZU301J/301P/301U	4900	S05D	DIE	99.05-03.06		16100-78030
XZU301J/301P/301U	4900	S05D	DIE	99.05-03.06		16100-78051
XZU301N	4900	S05D	DIE	00.05-03.06		16100-78030
XZU301N	4900	S05D	DIE	00.05-03.06		16100-78051
XZU306N/311U	4900	S05D	DIE	99.05-03.06		16100-78030
XZU306N/311U/321U	4900	S05D	DIE	99.05-03.06		16100-78051
XZU311J/321J	4900	S05D	DIE	99.05-02.06		16100-78030
XZU311J/321J	4900	S05D	DIE	99.05-02.06		16100-78051
XZU321U/331N/341N	4900	S05D	DIE	99.05-03.06		16100-78030
XZU321U/331N/341N	4900	S05D	DIE	99.05-03.06		16100-78051
XZU346N/351U	4900	S05D	DIE	99.05-03.06		16100-78030
XZU346N/351U	4900	S05D	DIE	99.05-03.06		16100-78051
XZU371N	4900	S05D	DIE	99.08-03.06		16100-78042
XZU401N/411N/421N	4900	S05D	DIE	99.05-03.06		16100-78030
XZU401N/411N/421N	4900	S05D	DIE	99.05-03.06		16100-78051
XZU300P/350P/340N	5300	J05C	DIE	99.06-03.06		16100-78030
XZU300P/350P/340N	5300	J05C	DIE	99.06-03.06		16100-78051
XZU320J	5300	J05C	DIE	99.06-02.06		16100-78030
XZU320J	5300	J05C	DIE	99.06-02.06		16100-78051
XZU330N/400J/400N	5300	J05C	DIE	99.05-03.06		16100-78030
XZU330N/400J/400N	5300	J05C	DIE	99.05-03.06		16100-78051
XZU410N/420N/430N	5300	J05C	DIE	99.05-03.06		16100-78030
XZU410N/420N/430N	5300	J05C	DIE	99.05-03.06		16100-78051

DELTA WIDE

KB26V	1300	4KJ	GAS	82.11-90.08	GWT-60A	16100-19156-000
KB27V	1500	5KJ	GAS	90.08-91.12	GWT-60A	16100-19156-000
YB26V	1600	1YJ	GAS	82.11-88.08	GWT-54A	16100-79037-000
CB26V	1800	1C	DIE	83.04-88.08	GWT-94A	16100-64H04-000
YB20G	1800	2YU	GAS	82.11-91.12	GWT-54A	16100-79037-000
YB25V	1800	2YJ	GAS	88.08-96.09	GWT-54A	16100-79037-000
CB21G	2000	2C	DIE	83.04-85.08	GWT-94A	16100-64H04-000
CB21G	2000	2CT	DTB	85.08-91.12	GWT-94A	16100-64H04-000
CB21G	2000	2CT	DTB	88.08-93.09	GWT-94A	16100-64H06-000
CB27V	2000	2C	DIE	88.08-91.12	GWT-94A	16100-64H04-000
CB27V	2000	2C	DIE	88.08-96.09	GWT-94A	16100-64H06-000
YB21G	2000	3YEU	EFI	83.04-96.09	GWT-54A	16100-79037-000
CB22G	2200	3CT	DTB	93.09-96.09		16100-69376-000
CB31G	2200	3CT	DTB	94.10-96.09		16100-69376-000

DELTAVAN/WAGON

KR41J	1500	5KJ	GAS	96.10-98.12	GWT-60A	16100-19156
KR42J	1800	7K	GAS	96.10-98.12	GWT-132A	16100-19276
KR42J	1800	7KE	EFI	99.01-02.08	GWT-132A	16100-19276
CR41J/51J	2000	2C	DIE	96.10-98.12		16100-69297
CR41J/51J	2000	2C	DIE	96.10-98.12	GWT-57A	16100-69425
SR40N	2000	3SFE	EFI	96.10-01.10		16100-79186
SR40N	2000	3SFE	EFI	96.10-01.10	GWT-77A	16110-79026
SR50N	2000	3SFE	EFI	98.01-01.10		16100-79186
SR50N	2000	3SFE	EFI	98.01-01.10	GWT-77A	16110-79026
CR40N/50N	2200	3CT	DTB	96.10-98.12		16100-69297
CR40N/50N	2200	3CT	DTB	96.10-98.12	GWT-57A	16100-69425
CR40N/50N	2200	3CTE	DTB	99.01-01.10	GWT-94A	16100-69435
CR42J/52J	2200	3CE	DIE	99.01-02.08	GWT-94A	16100-69435

ESSE

L235S/245S	660	KFVE	EFI	05.11-10.04	GWD-56A	16100-B9350
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ESSE

L235S/245S	660	KFVE	EFI	06.12-14.01	GWD-55A	16100-B9452
L235S/245S	660	KFVE	EFI	10.04-14.01		16100-B9453

FELLOW MAX CUORE

L38	360	ZM		70.03-77.07		16100-87203-000
L40	550	AB		76.05-79.02	GWD-15A	16100-87706-000
L40V	550	AB		76.06-80.06	GWD-15A	16100-87706-000
L45	550	AB		79.02-80.06	GWD-15A	16100-87706-000
L54/55/55V/56	550	AB		80.06-85.08	GWD-26A	16100-87788-000

HIJET/ATRAI

S38	360	ZM		71.09-81.08	GWD-12A	16100-87502-000
S40/60	550	AB		76.04-81.03	GWD-16A*	16102-87780-000
S65/66	550	AB		81.04-86.05	GWD-25A	16111-87780-000
S66V	550	AB		82.03-86.05	GWD-25A	16111-87780-000
S80C/80P/81C/81P	550	EB	GAS	86.05-90.04	GWD-30A	16100-87511-000
S80P/81P	550	EB	SPC	87.05-90.04	GWD-30A	16100-87511-000
S80V/81V	550	EB	GAS	86.05-90.04	GWD-31A	16100-87512-000
S80V/81V	550	EB	TBO	86.05-90.04	GWD-31A	16100-87512-000
S80V/81V	550	EB	GAS	86.05-90.04	GWD-31A	16100-87512-000
S100C/100CT/100P/100V	660	EFES	EFI	94.01-95.12	GWD-39A	16100-87507-000
S100C/100CT/100P/100V	660	EFNS	GAS	94.01-98.12	GWD-39A	16100-87507-000
S100C/100CT/100P/100V	660	EFGS	GAS	95.12-98.12	GWD-49AH	16100-87508-000
S100C/100CT/100P/100V	660	EFGS	GAS	95.12-98.12	GWD-42A	16102-87207-000
S100V/100W/110V/120V/130V	660	EFZS	EFI	95.12-98.12	GWD-49AH	16100-87508-000
S100V/100W/110V/120V/130V	660	EFZS	EFI	95.12-98.12	GWD-42A	16102-87207-000
S100V/110P/110V/120V/130V	660	EFES	EFI	94.01-95.12	GWD-39A	16100-87507-000
S100W	660	EFNS	GAS	94.04-98.12	GWD-39A	16100-87507-000
S100W/110W	660	EFES	EFI	94.04-95.12	GWD-39A	16100-87507-000
S110C/110CT/110P/110V	660	EFNS	GAS	94.01-98.12	GWD-39A	16100-87507-000
S110P/110V/110W/120V/130V	660	EFGS	GAS	95.12-98.12	GWD-49AH	16100-87508-000
S110P/110V/110W/120V/130V	660	EFGS	GAS	95.12-98.12	GWD-42A	16102-87207-000
S120V/130V	660	EFTS	TBO	94.01-96.12	GWD-39A	16100-87507-000
S120V/130V	660	EFRS	TBO	96.12-98.12	GWD-49AH	16100-87508-000
S120V/130V	660	EFRS	TBO	96.12-98.12	GWD-42A	16102-87207-000
S200C/200P/210C/210P	660	EFSE	EFI	98.12-07.12	GWD-47A	16100-B9190
S200C/200P/210P	660	EFVE	EFI	02.01-07.12	GWD-54A	16102-97204
S200C/200P/210P	660	EFVE	EFI	98.12-04.11	GWD-42A	16102-87207-000
S200C/200P/210P	660	EFVE	EFI	98.12-07.12	GWD-42AH	16100-B9180
S200P	660	EFVE	EFI	00.02-04.11	GWD-43AH	16100-B9200
S200P	660	EFVE	EFI	00.02-04.11	GWD-43A	16102-97205
S200V	660	EFSE	EFI	98.12-04.11	GWD-43AH	16100-B9200
S200V	660	EFSE	EFI	98.12-04.11	GWD-43A	16102-97205
S200V/210V	660	EFDE	TBO	02.01-04.11	GWD-43AH	16100-B9200
S200V/210V	660	EFDE	TBO	02.01-04.11	GWD-43A	16102-97205
S200V/210V	660	EFSE	EFI	98.12-04.11	GWD-47A	16100-B9190
S200V/210V	660	EFVE	EFI	98.12-04.11	GWD-43A	16102-97205
S200V/210V	660	EFVN	CNG	99.11-04.11	GWD-43AH	16100-B9200
S200V/210V	660	EFVE	EFI	98.12-04.11	GWD-43AH	16100-B9200
S200V/210V	660	EFVN	CNG	99.11-04.11	GWD-43A	16102-97205
S200W/210W	660	EFSE	EFI	00.01-04.11	GWD-47A	16100-B9190
S200W/210W	660	EFVE	EFI	00.01-04.11	GWD-43A	16102-97205
S200W/210W	660	EFVE	EFI	00.01-04.11	GWD-43AH	16100-B9200
S201C/201P/211C/211P	660	KFVE	EFI	07.12-14.01	GWD-55A	16100-B9452
S201C/201P/211C/211P	660	KFVE	EFI	07.12-14.01	GWD-56A	16100-B9455
S220G/230G	660	EFDE	TBO	99.05-04.11	GWD-43AH	16100-B9200
S220G/230G	660	EFDE	TBO	99.05-04.11	GWD-43A	16102-97205
S220G/230G	660	EFVE	EFI	99.05-04.11	GWD-43AH	16100-B9200
S220G/230G	660	EFVE	EFI	99.05-04.11	GWD-43A	16102-97205
S220V/230V	660	EFDE	TBO	98.12-00.01	GWD-43AH	16100-B9200
S220V/230V	660	EFDE	TBO	98.12-00.01	GWD-43A	16102-97205
S220V/230V	660	EFVE	EFI	98.12-01.12	GWD-43AH	16100-B9200

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HIJET/ATRAI

S220V/230V	660	EFVE	EFI	98.12-01.12	GWD-43A	16102-97205
S320G/330G	660	EFDE	TBO	05.04-05.11	GWD-43AH	16100-B9200
S320G/330G	660	EFDE	TBO	05.04-05.11	GWD-43A	16102-97205
S320G/330G	660	EFVE	EFI	05.12-07.12	GWD-43AH	16100-B9200
S320G/330G	660	EFVE	EFI	05.12-07.12	GWD-43A	16102-97205
S320G/330G/320V/330V	660	EFDET	TBO	05.12-07.12	GWD-43AH	16100-B9200
S320G/330G/320V/330V	660	EFDET	TBO	05.12-07.12	GWD-43A	16102-97205
S320V	660	EFVE	EFI	04.11-14.01	GWD-43AH	16100-B9200
S320V	660	EFVE	EFI	04.11-14.01	GWD-43A	16102-97205
S320V	660	EFVE	EFI	07.12-14.01		G9020-B5010
S320V/330V	660	EFDE	TBO	04.11-05.11	GWD-43AH	16100-B9200
S320V/330V	660	EFDE	TBO	04.11-05.11	GWD-43A	16102-97205
S320V/330V	660	EFSE	EFI	04.11-07.12	GWD-47A	16100-B9190
S320V/330V	660	EFVE	CNG	05.01-07.12	GWD-43AH	16100-B9200
S320V/330V	660	EFVE	CNG	05.01-07.12	GWD-43A	16102-97205
S320W/330W	660	EFSE	EFI	05.01-07.12	GWD-47A	16100-B9190
S321G/331G	660	KFDET	TBO	07.08-14.01	GWD-56A	16100-B9350
S321G/331G	660	KFDET	TBO	07.08-14.01	GWD-55A	16100-B9452
S321G/331G	660	KFDET	TBO	07.08-14.01		16100-B9461
S321G/331G	660	KFDET	TBO	07.08-14.01		16100-B9462
S321V/321W/331V/331W	660	KFVE	EFI	07.12-14.01	GWD-56A	16100-B9464
S321V/321W/331V/331W	660	KFVE	EFI	07.12-14.01	GWD-56A	16100-B9464
S321V/331V	660	KFDET	TBO	07.12-14.01	GWD-55A	16100-B9452
S321V/331V	660	KFDET	TBO	07.12-14.01	GWD-56A	16100-B9464
S321V/331V	660	KFDET	TBO	07.12-14.01		16100-B9462
S321V/331V/321W/331W	660	KFVE	EFI	07.12-14.01	GWD-55A	16100-B9452
S330V	660	EFVE	EFI	04.11-07.12	GWD-43AH	16100-B9200
S330V	660	EFVE	EFI	04.11-07.12	GWD-43A	16102-97205
S330W	660	EFVE	EFI	05.01-07.12	GWD-43AH	16100-B9200
S330W	660	EFVE	EFI	05.01-07.12	GWD-43A	16102-97205
S82C/82P/83C/83P	660	EFCS	GAS	90.04-94.01	GWD-37A	16100-87509-000
S82V/83V	660	EFXS	TBO	90.04-91.08	GWD-38A	16100-87510-000
S82V/83V	660	EFVS	GAS	90.04-94.01	GWD-38A	16100-87510-000
S82V/83V	660	EFTS	TBO	91.08-94.01	GWD-38A	16100-87510-000
S82V/83V	660	EFES	EFI	92.08-94.01	GWD-38A	16100-87510-000
S82V/83V	660	EFES	EFI	92.08-94.01	GWD-38A	16100-87510-000
S82W/83W	660	EFVS	GAS	91.08-94.01	GWD-38A	16100-87510-000
S221G/231G	1300	K3VE	EFI	00.07-04.11	GWT-139A	16100-B9440
S221V/231V	1300	K3VE	EFI	01.07-04.11	GWT-139A	16100-B9440

LEEZA

L100S/100V	550	EB	GAS	86.11-90.07	GWD-29A	16100-87252-000
L100V	550	EB	TBO	86.11-90.07	GWD-29A	16100-87252-000
L111S	660	EFHL	GAS	90.08-92.07	GWD-36A	16100-B9210
L111S	660	EFJL	TBO	91.01-92.07	GWD-36A	16100-B9210
L111SK	660	EFJL	TBO	91.11-92.07	GWD-36A	16100-B9210

MAX

L950S/960S	660	EFDET	TBO	01.11-05.11	GWD-40AH	16100-87249-000
L950S/960S	660	EFDET	TBO	01.11-05.11	GWD-42A	16102-87207-000
L950S/960S	660	EFVE	EFI	01.11-05.11	GWD-40AH	16100-87249-000
L950S/960S	660	EFVE	EFI	01.11-05.11	GWD-42A	16102-87207-000
L950S/960S	660	EFDET	TBO	04.05-05.11	GWD-52AH	16100-B9120
L950S/960S	660	EFDET	TBO	04.05-05.11	GWD-52A	16102-B2010
L950S/960S	660	EFVE	EFI	04.05-05.11	GWD-52AH	16100-B9120
L950S/960S	660	EFVE	EFI	04.05-05.11	GWD-52A	16102-B2010
L952S/962S	660	JBDDET	TBO	01.11-05.11	GWD-45A	16100-B9330

MIDGET II

K100C	660	EFCK	GAS	97.01-99.08	GWD-39A	16100-87507-000
K100C/100P	660	EFSE	EFI	99.08-01.07	GWD-47A	16100-B9190
K100P	660	EFCK	GAS	96.03-99.08	GWD-39A	16100-87507-000

DAIHATSU

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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MIRA

L70S/70V/71V	550	EB	GAS	85.08-90.02	GWD-29A	16100-87252-000
L70S/70V/71V	550	EB	TBO	85.08-90.02	GWD-29A	16100-87252-000
L200S	660	EFJL	TBO	90.03-94.08	GWD-36A	16100-B9210
L200S	660	EFEL	EFI	91.08-94.08	GWD-36A	16100-B9210
L200S	660	EFKL	EFI	92.08-94.08	GWD-36A	16100-B9210
L200S/200S	660	EFHL	GAS	90.03-95.01	GWD-36A	16100-B9210
L200S/200V	660	EFCL	GAS	90.03-95.01	GWD-36A	16100-B9210
L200V	660	EFXL	TBO	90.03-92.08	GWD-36A	16100-B9210
L210S	660	EFJL	TBO	90.11-94.08	GWD-36A	16100-B9210
L210S	660	EFEL	EFI	91.10-95.01	GWD-36A	16100-B9210
L210V	660	EFCL	GAS	90.04-94.08	GWD-36A	16100-B9210
L210V	660	EFEL	EFI	92.08-94.08	GWD-36A	16100-B9210
L220S	660	EFJL	TBO	90.04-93.07	GWD-36A	16100-B9210
L220S	660	EFHL	GAS	90.12-91.09	GWD-36A	16100-B9210
L250S	660	EFVD	EFI	02.12-07.11	GWD-53AH	16100-B9110
L250S	660	EFVD	EFI	02.12-07.11	GWD-53A	16102-97203
L250S/250V/260S	660	EFVE	EFI	04.02-07.11	GWD-52AH	16100-B9120
L250S/250V/260S	660	EFVE	EFI	04.02-07.11	GWD-52A	16102-B2010
L250S/250V/260S/260V	660	EFSE	EFI	02.12-07.11	GWD-48A	16100-B9100
L250S/260S	660	EFVE	EFI	02.12-04.12	GWD-40AH	16100-87249-000
L250S/260S	660	EFVE	EFI	02.12-04.12	GWD-42A	16102-87207-000
L250V	660	EFVE	EFI	02.12-05.08	GWD-40AH	16100-87249-000
L250V	660	EFVE	EFI	02.12-05.08	GWD-42A	16102-87207-000
L250V/260V	660	EFVN	CNG	02.12-05.08	GWD-40AH	16100-87249-000
L250V/260V	660	EFVN	CNG	02.12-05.08	GWD-42A	16102-87207-000
L250V/260V	660	EFVN	CNG	02.12-07.11	GWD-52AH	16100-B9120
L250V/260V	660	EFVN	CNG	02.12-07.11	GWD-52A	16102-B2010
L275S/285S	660	KFDET	TBO	06.12-10.04	GWD-56A	16100-B9350
L275S/285S	660	KFVE	EFI	06.12-10.04	GWD-56A	16100-B9350
L275S/285S	660	KFDET	TBO	06.12-14.01	GWD-55A	16100-B9452
L275S/285S	660	KFVE	EFI	06.12-14.01	GWD-55A	16100-B9452
L275V	660	KFVN	CNG	08.02-14.01	GWD-55A	16100-B9452
L275V/285V	660	KFVE	EFI	07.10-14.01	GWD-55A	16100-B9452
L500S	660	EFJL	TBO	94.08-95.10	GWD-36A	16100-B9210
L500S	660	EFKL	EFI	94.08-95.10	GWD-36A	16100-B9210
L500S	660	EFFL	GAS	94.10-98.08	GWD-36A	16100-B9210
L500S	660	EFGL	GAS	95.10-97.05	GWD-40AH	16100-87249-000
L500S	660	EFGL	GAS	95.10-97.05	GWD-42A	16102-87207-000
L500S	660	EFRL	TBO	95.10-98.08	GWD-40AH	16100-87249-000
L500S	660	EFRL	TBO	95.10-98.08	GWD-42A	16102-87207-000
L500S/510S	660	EFEL	EFI	94.08-95.10	GWD-36A	16100-B9210
L500S/510S	660	EFZL	EFI	95.10-98.08	GWD-40AH	16100-87249-000
L500S/510S	660	EFZL	EFI	95.10-98.08	GWD-42A	16102-87207-000
L500V/510V	660	EFCL	GAS	94.08-98.08	GWD-36A	16100-B9210
L502S	660	JBEL	EFI	94.08-98.08	GWD-44A	16100-87250-000
L502S/512S	660	JBEL	TBO	94.08-98.08	GWD-44A	16100-87250-000
L510S	660	EFRL	TBO	97.08-98.08	GWD-40AH	16100-87249-000
L510S	660	EFRL	TBO	97.08-98.08	GWD-42A	16102-87207-000
L650S/660S	660	EFVE	EFI	04.11-09.03	GWD-52AH	16100-B9120
L650S/660S	660	EFVE	EFI	04.11-09.03	GWD-52A	16102-B2010
L700S/710S	660	EFDE	TBO	04.05-04.10	GWD-52AH	16100-B9120
L700S/710S	660	EFDE	TBO	04.05-04.10	GWD-52A	16102-B2010
L700S/710S	660	EFVE	EFI	04.05-04.10	GWD-52AH	16100-B9120
L700S/710S	660	EFVE	EFI	04.05-04.10	GWD-52A	16102-B2010
L700S/710S	660	EFDE	TBO	98.10-04.10	GWD-40AH	16100-87249-000
L700S/710S	660	EFDE	TBO	98.10-04.10	GWD-42A	16102-87207-000
L700S/710S	660	EFVE	EFI	98.10-04.10	GWD-40AH	16100-87249-000
L700S/710S	660	EFVE	EFI	98.10-04.10	GWD-42A	16102-87207-000
L700S/710S/700V/710V	660	EFSE	EFI	98.10-02.12	GWD-48A	16100-B9100
L700V	660	EFVE	EFI	01.10-02.12	GWD-40AH	16100-87249-000
L700V	660	EFVE	EFI	01.10-02.12	GWD-42A	16102-87207-000
L700V/710V	660	EFVN	CNG	99.11-02.12	GWD-40AH	16100-87249-000

DAIHATSU

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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MIRA

L700V/710V	660	EFVN	CNG	99.11-02.12	GWD-42A	16102-87207-000
L701S/711S	1000	EJVE	EFI	02.08-04.10	GWD-50AH	16100-97205-000
L701S/711S	1000	EJVE	EFI	02.08-04.10	GWD-42A	16102-87207-000
L701S/711S	1000	EJVE	EFI	04.05-04.10		16100-97244
L701S/711S	1000	EJVE	EFI	04.05-04.10	GWD-52A	16102-B2010

MIRA/AVY/COCOA/ES

L250S	660	EFVE	EFI	02.12-05.08	GWD-42A	16102-87207-000
L250S/260S	660	EFDET	TBO	02.12-04.12	GWD-41AH	16100-87251-000
L250S/260S	660	EFDET	TBO	02.12-04.12	GWD-41A	16102-87208
L250S/260S	660	EFVE	EFI	02.12-05.08	GWD-40AH	16100-87249-000
L250S/260S	660	EFDET	TBO	04.02-07.11	GWD-51AH	16100-B9130
L250S/260S	660	EFDET	TBO	04.02-07.11		16102-B0010
L250S/260S	660	EFVE	EFI	04.02-07.11	GWD-52AH	16100-B9120
L250S/260S	660	EFVE	EFI	04.02-07.11	GWD-52A	16102-B2010
L260S	660	EFVE	EFI	02.12-04.12	GWD-42A	16102-87207-000
L675S/685S	660	KFVE	EFI	09.07-14.01	GWD-55A	16100-B9452
L675S/685S	660	KFVE	EFI	09.07-14.01	GWD-56A	16100-B9455
LA300S/310S	660	KFVE	EFI	11.08-14.01	GWD-56A	16100-B9455
LA300S/310S	660	KFVE	EFI	11.08-14.01	GWD-56A	16100-B9455

MOVE/CONTE/LATTE

L150S	660	EFVE	EFI	04.01-06.10	GWD-52A	16102-B2010
L150S/160S	660	EFDET	TBO	02.10-04.12	GWD-41AH	16100-87251-000
L150S/160S	660	EFDET	TBO	02.10-04.12	GWD-41A	16102-87208
L150S/160S	660	EFVE	EFI	02.10-04.12	GWD-40AH	16100-87249-000
L150S/160S	660	EFVE	EFI	02.10-04.12	GWD-42A	16102-87207-000
L150S/160S	660	EFVE	EFI	04.01-06.10	GWD-52AH	16100-B9120
L150S/160S	660	EFDET	TBO	04.02-06.10	GWD-51AH	16100-B9130
L150S/160S	660	EFDET	TBO	04.02-06.10		16102-B0010
L152S	660	JBDET	TBO	02.10-06.10	GWD-45A	16100-B9140
L160S	660	EFVE	EFI	04.02-06.10	GWD-52A	16102-B2010
L175S/185S	660	KFDET	TBO	06.10-10.12	GWD-56A	16100-B9350
L175S/185S	660	KFDET	TBO	06.10-10.12	GWD-55A	16100-B9452
L175S/185S	660	KFVE	EFI	06.10-10.12		16100-B9350
L175S/185S	660	KFVE	EFI	06.10-10.12	GWD-55A	16100-B9452
L600S	660	EFGL	GAS	95.08-98.09	GWD-40AH	16100-87249-000
L600S	660	EFGL	GAS	95.08-98.09	GWD-42A	16102-87207-000
L600S/610S	660	EFZL	EFI	95.08-98.09	GWD-40AH	16100-87249-000
L600S/610S	660	EFZL	EFI	95.08-98.09	GWD-42A	16102-87207-000
L600S/610S	660	EFRL	TBO	96.04-98.09	GWD-40AH	16100-87249-000
L600S/610S	660	EFRL	TBO	96.04-98.09	GWD-42A	16102-87207-000
L602S	660	JBTL	TBO	95.08-98.09	GWD-44A	16100-87250-000
L900S	660	EFSE	EFI	98.10-00.10	GWD-48A	16100-B9100
L900S	660	EFDET	TBO	98.10-02.09	GWD-40AH	16100-87249-000
L900S	660	EFVE	EFI	98.10-02.09	GWD-42A	16102-87207-000
L900S/910S	660	EFDET	TBO	98.10-02.09	GWD-42A	16102-87207-000
L900S/910S	660	EFVE	EFI	98.10-02.09	GWD-40AH	16100-87249-000
L902S	660	JBDET	TBO	98.10-02.09	GWD-45A	16100-B9330
L910S	660	EFDET	TBO	98.10-02.10	GWD-40AH	16100-87249-000
L910S	660	EFVE	EFI	98.10-02.10	GWD-42A	16102-87207-000
L912S	660	JBDET	TBO	01.09-02.09	GWD-45A	16100-B9330
LA100S/110S	660	KFDET	TBO	10.12-14.01	GWD-56A	16100-B9455
LA100S/110S	660	KFVE	EFI	10.12-14.01	GWD-56A	16100-B9455
L575S/585S	660	KFVE	EFI	08.08-11.06	GWD-55A	16100-B9452
L575S/585S	660	KFVE	EFI	08.08-11.06		16100-B9453
L575S/585S	660	KFDET	TBO	08.09-11.06	GWD-55A	16100-B9452
L575S/585S	660	KFDET	TBO	08.09-14.01	GWD-56A	16100-B9455
L575S/585S	660	KF	EFI	11.06-14.01	GWD-56A	16100-B9455
L550S/560S	660	EFDET	TBO	04.08-05.05	GWD-41AH	16100-87251-000
L550S/560S	660	EFDET	TBO	04.08-05.05	GWD-41A	16102-87208
L550S/560S	660	EFVE	EFI	04.08-05.05	GWD-40AH	16100-87249-000

DAIHATSU

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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MOVE/CONTE/LATTE

L550S/560S	660	EFVE	EFI	04.08-05.05	GWD-42A	16102-87207-000
L550S/560S	660	EFDET	TBO	04.08-09.03	GWD-51AH	16100-B9130
L550S/560S	660	EFDET	TBO	04.08-09.03		16102-B0010
L550S/560S	660	EFVE	EFI	04.08-09.03	GWD-52AH	16100-B9120
L550S/560S	660	EFVE	EFI	04.08-09.03	GWD-52A	16102-B2010

NAKID

L750S/760S	660	EFDE	TBO	99.11-03.12	GWD-40AH	16100-87249-000
L750S/760S	660	EFDE	TBO	99.11-03.12	GWD-42A	16102-87207-000
L750S/760S	660	EFVE	EFI	99.11-03.12	GWD-40AH	16100-87249-000
L750S/760S	660	EFVE	EFI	99.11-03.12	GWD-42A	16102-87207-000

OPTI

L300S	660	EFKL	EFI	92.08-98.08	GWD-36A	16100-B9210
L300S/310S	660	EFEL	EFI	92.02-95.10	GWD-36A	16100-B9210
L300S/310S	660	EFZL	EFI	95.10-98.08	GWD-41AH	16100-87251-000
L300S/310S	660	EFZL	EFI	95.10-98.08	GWD-41A	16102-87208
L800S	660	EFDE	TBO	00.02-02.08	GWD-40AH	16100-87249-000
L800S	660	EFDE	TBO	00.02-02.08	GWD-42A	16102-87207-000
L800S/810S	660	EFSE	EFI	98.11-02.08	GWD-48A	16100-B9100
L800S/810S	660	EFVE	EFI	98.11-02.08	GWD-40AH	16100-87249-000
L800S/810S	660	EFVE	EFI	98.11-02.08	GWD-42A	16102-87207-000
L802S	660	JBDE	TBO	98.11-00.02	GWD-45A	16100-B9330
L810S	660	EFDE	TBO	98.11-02.08	GWD-40AH	16100-87249-000
L810S	660	EFDE	TBO	98.11-02.08	GWD-42A	16102-87207-000

PYZAR

G303G	1500	HEEG	EFI	96.08-02.07	GWD-32A	16100-B9170
G313G	1500	HEEG	EFI	96.08-97.08	GWD-32A	16100-B9170
G301G/311G	1600	HDEP	EFI	97.09-02.07	GWD-32A	16100-B9170

ROCKY

F300S	1600	HDE	EFI	90.07-97.05	GWD-35A	16100-B9250
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SONICA

L405S/415S	660	KFDET	TBO	06.05-14.01	GWD-56A	16100-B9350
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STORIA

M112S	700	JCDET	TBO	98.03-04.05	GWD-45A	16100-B9330
M100S/10S	1000	EJVE	EFI	00.05-04.05	GWD-50AH	16100-97205-000
M100S/10S	1000	EJVE	EFI	00.05-04.05	GWD-42A	16102-87207-000
M100S/10S	1000	EJDE	EFI	98.01-00.05	GWD-50AH	16100-97205-000
M100S/110S	1000	EJDE	EFI	98.01-00.05	GWD-42A	16102-87207-000
M101S/111S	1300	K3VE	EFI	00.05-04.05	GWT-100A	16100-B9010

TAFT/RUGGER

F10	1200	FE		74.08-78.08		16100-87181-000
F20	1600	12R		76.09-81.10	GWT-12A	16100-39116-000
F50	2500	DG		78.08-82.08	GWD-14A	16100-87309-000
F50	2500	DG		82.08-82.10	GWD-28A	16100-87381-000
F60	2800	DL		82.08-84.03	GWD-28A	16100-87382-000
F73G/73W	2800	DL	DTB	93.05-97.05	GWD-46A	16100-B9090
F78G/78W	2800	DL	DTB	93.05-97.05	GWD-46A	16100-B9090

TANTO

L350S/360S	660	EFDET	TBO	03.11-05.06	GWD-41AH	16100-87251-000
L350S/360S	660	EFDET	TBO	03.11-05.06	GWD-41A	16102-87208
L350S/360S	660	EFVE	EFI	03.11-05.06	GWD-40AH	16100-87249-000
L350S/360S	660	EFVE	EFI	03.11-05.06	GWD-42A	16102-87207-000
L350S/360S	660	EFDET	TBO	03.11-07.12	GWD-51AH	16100-B9130
L350S/360S	660	EFDET	TBO	03.11-07.12		16102-B0010
L350S/360S	660	EFVE	EFI	04.05-07.12	GWD-52AH	16100-B9120

DAIHATSU

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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TANTO

L350S/360S	660	EFVE	EFI	04.05-07.12	GWD-52A	16102-B2010
L375S	660	KFVE	EFI	07.12-14.01	GWD-55A	16100-B9452
L375S/385S	660	KF	EFI	11.11-14.01	GWD-56A	16100-B9455
L375S/385S	660	KFDET	TBO	07.12-10.10	GWD-55A	16100-B9452
L375S/385S	660	KFDET	TBO	10.10-14.01	GWD-56A	16100-B9455
L375S/385S	660	KFVE	EFI	10.10-14.01	GWD-56A	16100-B9455
L375S/385S/455S/465S	660	KFVE	EFI	09.12-14.01		16100-B9453
L455S	660	KFVE	EFI	09.12-14.01	GWD-55A	16100-B9452
L455S/465S	660	KFDET	TBO	09.12-14.01	GWD-55A	16100-B9452
L455S/465S	660	KFDET	TBO	09.12-14.01		16100-B9453
L455S/465S	660	KF	EFI	11.07-14.01		16100-B9453
L465S	660	KFVE	EFI	09.12-10.10	GWD-55A	16100-B9452
LA600S/610S	660	KFVET	TBO	13.09-14.01	GWD-56A	16100-B9455

TANTO Exe

L455S/465S	660	KFDET	TBO	09.12-14.01	GWD-56A	16100-B9455
L455S/465S	660	KFVE	TBO	09.12-14.01	GWD-56A	16100-B9455

TERIOS/KID/LUKIA

J111G	660	EFDEM	TBO	98.10-05.10	GWD-40AH	16100-87249-000
J111G	660	EFDEM	TBO	98.10-05.10	GWD-42A	16102-87207-000
J111G	660	EFDET	TBO	98.10-05.10	GWD-40AH	16100-87249-000
J111G	660	EFDET	TBO	98.10-05.10	GWD-42A	16102-87207-000
J111G/131G	660	EFDEM	EFI	02.01-03.08	GWD-40AH	16100-87249-000
J111G/131G	660	EFDEM	EFI	02.01-03.08	GWD-42A	16102-87207-000
J111G/131G	660	EFDEM	TBO	03.08-06.08	GWD-52AH	16100-B9120
J111G/131G	660	EFDEM	TBO	03.08-06.08	GWD-52A	16102-B2010
J111G/131G	660	EFDET	TBO	03.08-14.01	GWD-52AH	16100-B9120
J111G/131G	660	EFDET	TBO	03.08-14.01	GWD-52A	16102-B2010
J131G	660	EFDEM	TBO	00.01-05.10	GWD-40AH	16100-87249-000
J131G	660	EFDEM	TBO	00.01-05.10	GWD-42A	16102-87207-000
J131G	660	EFDET	TBO	00.01-05.10	GWD-40AH	16100-87249-000
J131G	660	EFDET	TBO	00.01-05.10	GWD-42A	16102-87207-000
J100G	1300	HCEJ	EFI	97.03-00.05	GWD-35A	16100-B9250
J102G	1300	K3VET	TBO	00.08-02.01		16100-B9150
J102G	1300	K3VET	TBO	00.08-05.12	GWT-100A	16100-B9010
J102G/122G	1300	K3VE	EFI	00.05-02.01		16100-B9150
J102G/122G	1300	K3VE	EFI	00.05-05.12	GWT-100A	16100-B9010

YRV

M200G	1000	EJVE	EFI	00.08-02.12	GWD-50AH	16100-97205-000
M200G	1000	EJVE	EFI	00.08-02.12	GWD-42A	16102-87207-000
M201G/211G	1300	K3VE	EFI	00.08-05.07	GWT-100A	16100-B9010
M201G/211G	1300	K3VT	TBO	00.08-05.07	GWT-100A	16100-B9010

CITROEN BX

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
CITROEN BX	82-86	1.1L	GWP-08AP	7901120258
	82-86	1.4L	GWP-08AP	7901120258
LNA	79-86	1.1L	GWP-08AP	7901120258
VISA	78-87	1.1L,1.2L	GWP-08AP	7901120258
	82-86	1.4L	GWP-08AP	7901120258
C15	85-87	1.1L,1.4L	GWP-08AP	7901120258

DACIA

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
DUSTER SHIFTER PICK-UP	84-94	1.4L	GWR-01A	6000039201

DAF

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
66L,66SL MARATHON	72-76	1.1L,1.3L	GWR-01A	3267343

DESOTO(USA)

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
ALL MODELS	58-61	ALL MODELS	GWCR-20A	3683834

FIAT

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
DISENGAGING FAN	61-68	1300,1500 FIXED FAN	GWFI-02A	4119143
	61-68	1500 DISENGAGED FAN	GWFI-11A	4081489
	59-68	1800	GWFI-11A	4081489
	61-68	2300 W/O AC	GWFI-11A	4081489
124	66-75	1.2L	GWFI-04A	4129810
	73-74	1.6L SPECIAL T	GWFI-09A	4269431
	73-74	1.6L SPECIAL T 2ND SERIES	GWFI-03A	4331825
	72-76	1.6L 1.8L SPORT COUPE(CC,CS)	GWFI-09A	4269431
	72-76	1.6L 1.8L SPORT COUPE 2ND SERIES	GWFI-03A	4331825
127	71-84	0.9L		4384129
	77-85	1.0L	GWFI-07A	4336009
	77-85	1.3L 1.3L(D)	GWFI-07A	4336009
128	69-81	1.1L 1.3L	GWFI-01A	4384128
131 MIRAFIORI	74-84	1.3L	GWFI-05A	4332090
	81-84	1.4L		4456432
	74-80	1.6L CL/L/PANORAMA	GWFI-05A	4332090
	78-84	1.6L SUPER	GWFI-03A	5882689
	80-84	2.0L SUPER exc.A/C	GWFI-03A	4331825
	80-84	2.0L SUPER A/C	GWFI-05A	4332090
	78-85	RANCING & RALLY	GWFI-03A	4331825
	78-84	2.0L 2.5L(D)		7303050
	75-85	USA	GWFI-03A	4331825
132	74-81	1.6L 1.8L 2.0L	GWFI-03A	4331825
ARGENTA	81-84	1.6L 2.0L	GWFI-03A	4331825
	82-86	2.5L(D)		7303050
CROMA	85-94	2.0L		5973319
PANDA	86-92	0.75L	GWFI-13A	5973713
	86-95	0.75L (141A)	GWFI-14A	46423351
	80-86	0.9L		4384129
	85-84	1.0L FIRE ENG	GWFI-13A	5973713
	84-86	1.0L 4X4 exc.FIRE ENG		4384129
	86-89	1.0L 4X4 (141A)	GWFI-14A	46423351
	86-89	1.3L(D)	GWFI-07A	4336009
PUNTO	93-99	1.1L (176)	GWFI-14A	46423351
	94-99	1.2L (176)	GWFI-14A	46423351
	93-99	1.2L (176)	GWFI-14A	46423351
PUNTO Van	96-00	1.2L (176L)	GWFI-14A	46423351
REGATTA	84-90	1.1L 1.3L 1.5L(60,70,75,85)	GWFI-01A	4384128
	83-86	1.3L(70) W/AC	GWFI-12A	5990701
	86-87	1.5L(85) W/AC	GWFI-12A	5990701
	84-90	1.6L(85)		5954048
	83-90	1.6L(100)		7574887
	83-86	1.7L(D)		5996705
	86-90	1.7L(D)		7589767
	84-85	1.9L(D)		5999753
	85-90	1.9L(D)		7613881
SEICHENTO	98-10	1.1L(187)	GWFI-14A	46423351
STRADA RITMO	78-83	1.0L(60)	GWFI-07A	4336009
	78-88	1.1L(60)	GWFI-01A	4384128
	78-88	1.3L(65,75) W/O AC	GWFI-01A	4384128

FIAT

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
STRADA RITMO	78-88	1.3L(65,75) W/ AC	GWFI-12A	5990701
	79-82	1.5L(75) W/O AC	GWFI-01A	4384128
	81-85	1.5L(85S) W/O AC	GWFI-01A	4384128
	89-88	1.5L(75S,85S) W/AC	GWFI-12A	5990701
	81-85	1.6L(100,105)		4466193
	85-88	1.6L(100S)		4458134
	83-86	1.7L(D)		5996705
	86-87	1.7L(D)		7589767
	86-88	1.9L(D) TURBO		7553921
	81-88	2.0L(125,130) ABARTH		4466193
TEMPRA	90-94	1.4L 1.6L W/O AC	GWFI-01A	7635408
	90-94	W/AC NON PASS	GWFI-15A	7617168
	90-94	W/AC PASS		5990701
	90-94	1.8L ie	GWFI-15A	7635148
	90-94	1.9L(D) NON TURBO		7648451
	90-94	TURBO		7631379
	90-94	2.0L ie		5999790
TIPO	88-94	1.1L	GWFI-13A	5973713
	88-92	1.4L 1.6L W/AC NON PASS	GWFI-15A	7617168
	88-92	W/O AC	GWFI-01A	4384128
	88-92	W/AC & PASS	GWFI-12A	5990701
	88-94	1.7L(D)		7626604
	88-94	1.9L NON TURBO		599753
	88-94	1.9L(D) TURBO		7631379
	92-94	1.8L ie	GWFI-15A	7635148
UNO	92-94	2.0L		5999790
	83-85	9L(45)		5939200
	86-94	1.0L(45)	GWFI-13A	5973713
	86-93	1.0L(45)	GWFI-14A	46423351
	83-94	1.1L 1.3L(55,60,70)	GWFI-01A	4384128
	85-90	1.3L TURBO		7533502
	83-94	1.3L(D)	GWFI-07A	4336009
	89-94	1.4L		7615921
	85-94	1.5L		7580754
	87-88	1.7L(D)		7575817
	89-94	1.7L(D)(60)		7633470
X1/9	76-90	1.3L 1.5L	GWFI-01A	4384128
LADA(FIAT)				
NIVA	74-95	1.20013E+15	GWFI-06A	2101-1307010
	75-95	NIVA 4X4 , NIVA 4X4 VAN	GWFI-06A	2101-1307010
SAMARA	87-95	1300,1500		2108-1307010
RIVA VAN	85-91		GWFI-06A	2101-1307010
POLSKI-FIAT				
	75-	1.5L 125P FIXED FAN	GWFI-02A	4119143
	75-	DISENGAGED FAN	GWFI-11A	4081489
SEAT(FIAT)				
124	75-80	1.2L		FA-03200003
127	78-85			SE-020-032-000A
128	69-80		GWFI-01A	04297101
131	74-83		GWFI-03A	4331825

FIAT

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
IBIZA	85-95	0.9L		SE-020-032-000A
	85-95	1.2L 1.5L		SE-021-032-000A
MALAGA	85-95			SE-021-032-000A
MARBELLA	85-95	850/900		SE-020-032-000A
RONDA	83-86	1.2L 1.5L 1.6L		SE-021-032-000A
TOLEDO	91-95	1.6L 1.8L 1.9L(D)	GWVW-07A	SE-026-121-005C
TERRA VAN	87-95	0.9L	GWVW-10A	SE-020-032-000A
YUGO(FIAT)				
45 , 45 VAN	81-91	903		04471378
55 , 55 VAN	84-91	1116	GWFI-01A	04297101
65	88-91	1298	GWFI-01A	04297101
101	69-81	1116	GWFI-01A	04297101
311,511,513,311 VAN	84-90	1116,1301	GWFI-01A	04297101
TEMPO	91-95	903		04471378
TEMPO VAN	91-95	1116,1298	GWFI-01A	04297101
ZASTAVA(FIAT)				
128	62-68	1.5L	GWFI-11A	4081489
	69-	101	GWFI-01A	4297101

FORD

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
FORD (AUSTRALIA) LIMITED LISTING				
CORTINA	72-77	TC,TD 200,250 6CYL	GWF-05A	APW5002
	77-80	3.3L,4.1L TD,TE 6CYL	GWF-06A	APW5000
	80-82	TF ALL MODELS 6CYL	GWF-07A	APW5003
FAIRLANE	70-76	4.1L ZD,ZF,ZG NON CROSS FLOW	GWF-05A	APW5002
	73-76	4.1L ZG CROSS FLOW W/AC	GWF-06A	APW5000
	79-81	4.1L ZJ CROSS FLOW W/O AC	GWF-06A	APW5000
	81-88	4.1L ZJ,ZK,ZL W/AC 8 BLADE FAN	GWF-07A	APW5003
	88-92	NA SERIES I , II	GWF-59A	APW5009
FALCON	70-76	XY,XA,XB 6CYL NON CROSS FLOW	GWF-05A	APW5002
	73-76	XB 6CYL NON CROSS FLOW W/AC	GWF-06A	APW5000
	76-82	XC,XD 6CYL CROSS FLOW W/O AC	GWF-06A	APW5000
	76-88	XC,XD,XE,XF 6CYL W/AC	GWF-07A	APW5003
	88-94	EA SERIES I,EB,ED 6CYL	GWF-59A	APW5009
	93-	ED,EF,(4.0L)	GWF-78A	EF-8501KT
LTD	79-82	FC 6CYL	GWF-06A	APW5000
	82-88	FC,FD,FE 6CYL	GWF-07A	APW5003
	88-94	DA SERIES I , II ,DC,DE 6CYL	GWF-59A	APW5009
BRONCO	81-87	4.1L 6CYL W/O AC	GWF-06A	APW5000
	81-87	4.1L 6CYL W/AC	GWF-07A	APW5003
F SERIES	74-78	F100,250,350 6CYL	GWF-05A	APW5002
	78-87	F100,250,350 6CYL	GWF-06A	APW5000
	81-94	F100,250,350 6CYL W/AC	GWF-07A	APW5003
TRANSIT VAN	73-78	125,175 6CYL	GWF-05A	APW5002
	78-81	125,175 6CYL	GWF-06A	APW5000
FORD(EUROPE)				
ANGLIA	59-67		GWF-02A	5005004
CAPRI I	69-71	1.3L(V4)		5005036
	68-70	1.3L OHV	GWF-02A	5005004
	70-74	1.3L OHV	GWF-01A	5005054
	69-73	1.3L OHC	GWF-03A	5013267
	69-71	1.5L(V4)		5005036
	68-70	1.6L OHV	GWF-02A	5005004
	70-72	1.6L OHV	GWF-01A	5005054
	72-74	1.6L OHC	GWF-03A	5013267
	69-71	1.7L(V4)		5005036
	68-74	2.0L	GWF-08A	5005794
CAPRI II	74-77	1.3L	GWF-01A	5005054
	74-77	1.6L	GWF-03A	5013267
	74-77	1.7L THREAD HUB	GWF-47A	5007851
	74-77	1.7L PLAIN HUB	GWF-14A	5007852
	74-77	2.0L OHC	GWF-03A	5013267
	74-77	2.0L V4	GWF-08A	5005794
	74-77	3.0L	GWF-08A	5005794
CAPRI III	78-82	1.3L FIXED FAN	GWF-01A	5005054
	78-82	VISCOUS FAN	GWF-17A	5004998
	78-88	1.6L FIXED FAN	GWF-03A	5013267
	78-88	VISCOUS FAN	GWF-18A	5011863
	78-88	2.0L FIXED FAN	GWF-03A	5013267
	78-88	VISCOUS FAN	GWF-18A	5011863
	78-81	3.0L	GWF-08A	5005794
CLASSIC CAPRI	61-64	1.3L,1.5L	GWF-02A	5005004

FORD

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
FORD(EUROPE)				
CONSUL	72-74	2.0L	GWF-08A	5005794
	74-75	2.0L	GWF-03A	5013267
	72-75	2.5L,3.0L	GWF-08A	5005794
CORSAIR	63-65	1.5L	GWF-02A	5005004
	63-70	1.7L,2.0L	GWF-08A	5005794
CORTINA MK I	62-66	1.2L,1.5L	GWF-02A	5005004
CORTINA MK II	67-70	1.3L,1.5L,1.6L	GWF-02A	5005004
CORTINA MK III	70-76	1.3L	GWF-01A	5005054
	70-73	1.6L	GWF-01A	5005054
	73-76	1.6L	GWF-03A	5013267
	70-76	2.0L	GWF-03A	5013267
CORTINA MK IV/V	76-79	1.3L FIXED FAN	GWF-01A	5005054
	79-82	VISCOUS FAN	GWF-17A	5004998
	76-82	1.6L,2.0L FIXED FAN	GWF-03A	5013267
	79-82	VISCOUS FAN	GWF-18A	5013268
	77-79	2.3L FIXED FAN	GWF-25A	5005193
	77-79	VISCOUS FAN/PLAIN HUB	GWF-14A	5007852
ESCORT MK I	79-82	VISCOUS FAN/THREAD HUB	GWF-47A	5007851
	67-70	0.9L,1.1L,1.3L	GWF-02A	5005004
	70-75	1.1L,1.3L,1.6L	GWF-01A	5005054
ESCORT MK II	73-75	RS2000	GWF-03A	5013267
	75-80	0.9L,1.1L,1.3L FIXED FAN	GWF-01A	5005054
	79-80	1.1L,1.3L,1.6L VISCOUS FAN	GWF-17A	5004998
	75-80	1.6L OHV	GWF-01A	5005054
	76-78	OHC	GWF-03A	5013267
	75-80	RS2000 FIXED FAN	GWF-03A	5013267
ESCORT MK III	79-80	VISCOUS FAN	GWF-18A	5013268
	80-86	1.1L	GWF-10A	5005197
	80-81	1.3L,1.6L		5006210
	81-86	1.1L,1.3L,1.6L	GWF-40A	5008470
ESCORT 86	83-86	1.6L(D)		5011013
	86-88	1.1L,1.3L	GWF-10A	5005197
	88-90		GWF-88A	5020437
	86-90	1.4L,1.6L	GWF-65A	5013320
	86-90	1.6L(1600cc)	GWF-86A	5020121
	86-88	1.6L(D)		5011013
ESCORT 91	88-90	1.8L(D)		5020242
	90-94	1.3L	GWF-88A	5020437
	90-94	1.4L	GWF-65A	5013320
	90-92	1.6L	GWF-65A	5013320
EXECUTIVE	90-94	1.8L(D)	GWF-89A	5020242
	66-71	3.0L	GWF-08A	5005794
FIESTA	76-89	0.9L,1.1L	GWF-10A	5005197
	76-84	1.3L	GWF-10A	5005197
	84-86	1.3L	GWF-40A	5008470
	86-89	1.4L	GWF-65A	5013320
	82-84	1.6L	GWF-10A	5005197
	84-86	1.6L	GWF-40A	5008470
	86-89	1.6L	GWF-65A	5013320
	84-88	1.6L(D)		5011013

FORD

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
FORD(EUROPE)				
FIESTA	88-89	1.8L(D)	GWF-89A	5020242
FIESTA 89	89-91	0.9L,1.1L,1.3L	GWF-88A	5020437
	91-94	1.1L,1.3L		6683522
	89-92	1.6L	GWF-65A	5013320
	89-94	1.8L(D)	GWF-89A	5020242
GRANADA	71-79	2.0L	GWF-25A	5005193
	79-85	2.0L	GWF-18A	5013268
	75-79	OHC	GWF-03A	5001864
	77-82	2.1L		1582105
	77-79	2.3L,2.8L FIXED FAN	GWF-25A	5005193
	77-85	VISCOUS FAN PLAIN HUB	GWF-14A	5007852
	77-85	THREAD HUB	GWF-47A	5007851
	80-85	2.5L(D)		5009823
	72-77	2.5L,3.0L	GWF-08A	5005794
GRANADA/SCORPIO	85-89	1.8L,2.0L	GWF-18A	5013268
	87-89	2.4L		5012434
	86-88	2.5L(D)		5009823
	88-94	2.5L(D) TURBO		8019394
	85-87	2.8L	GWF-49A	5011846
	88-94	2.9L		5012434
ORION	83-86	1.3L,1.6L	GWF-40A	5008470
	83-86	1.6L(D)		5011013
ORION 86	86-88	1.1L,1.3L	GWF-10A	5005197
	88-90	1.1L,1.3L	GWF-88A	5020437
	86-90	1.4L,1.6L	GWF-65A	5013320
	86-88	1.6L(D)		5011013
	88-90	1.8L(D)	GWF-89A	5020242
ORION 91	90-93	1.3L	GWF-88A	5020437
	90-93	1.4L	GWF-65A	5013320
	90-92	1.6L	GWF-65A	5013320
	91-93	1.8L(D)		5020242
PERFECT	59-61	107E	GWF-02A	5005004
SIERRA/SAPPHIRE	82-87	1.3L FIXED FAN	GWF-03A	5011864
	82-84	VISCOUS FAN	GWF-18A	5013268
	82-93	1.6L FIXED FAN	GWF-03A	5011864
	82-93	VISCOUS FAN	GWF-18A	5013268
	84-88	1.8L	GWF-18A	5013268
	84-88	1.8L(1800cc)	GWF-86A	5020121
	88-93	1.8L(1800cc)		5021218
	90-93	1.8L(D) TURBO		5020242
	82-89	2.0L FIXED FAN	GWF-03A	5011862
	82-89	VISCOUS FAN	GWF-18A	5013268
	80-84	2.3L VISCOUS FAN PLAIN HUB	GWF-14A	5007852
	80-84	THREAD HUB	GWF-47A	5007851
	82-90	2.3L(D)		5009823
	82-88	2.8L	GWF-49A	5011846
	89-93	2.9L		5012434
TAUNUS	62-67	1140CC(V4) 12M		6036362
	70-79	1.3L,1.6L FIXED FAN	GWF-03A	5013267
	79-82	VISCOUS FAN	GWF-18A	5013268
	62-67	1.5L(V4) 15M		6036362
	62-67	1.7L(V4) 17M		6036362
	70-79	1.8L,2.0L,2.3L,2.6L FIXED FAN	GWF-25A	5005193

FORD

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
FORD(EUROPE)				
TAUNUS	79-82	2.3L VISCOUS FAN THREAD FAN	GWF-47A	5007851
ZEPHYR ZODIAC MK 8	66-72		GWF-08A	5005794
TRANSIT	75-78	1.6L	GWF-01A	5005054
	78-85	VISCOUS FAN	GWF-18A	5014269
	78-85	FIXED FAN	GWF-03A	5014270
	86-94	1.6L,2.0L	GWF-18A	5013268
	65-78	1.6L,2.0L V4	GWF-08A	5005794
	64-70	1.7L(V4)		1405398
	71-80	2.4L(D)	GWF-09A	6031236
	80-85	2.4L(D)		5005916
	85-85	2.5L(D) DIRECT INJ ENG		5011012
	85-94	4CA DIRECT INJ ENG	GWF-87A	5012773
FORD(USA)				
AEROSTAR (TRUCK)	86-87	2.3L(140) 4CYL	GWF-22A	E4BZ-8501A
	86-94	3.0L(183) 6CYL	GWF-53A	E69Z-8501A
	95-98	3.0L(183) 6CYL	GWF-85A	F59Z-8501A
	90-94	4.0L(244) 6CYL	GWF-77A	F0TZ-8501D
	86-86	2.8L(171) 6CYL		E3TZ-8501F
BRONCO,BRONCO II	88-92	4.9L(300) 6CYL	GWF-62A	F0TZ-8501F
	93-96	4.9L(300) 6CYL	GWF-81A	F6TZ-8501KA/KB
	86-90	2.9L(177) 6CYL	GWF-58A	F6TZ-8501A
	87-87	4.9L(300) 6CYL	GWF-55A	E7TZ-8501B
	86-84	2.8L(171) 6CYL		E3TZ-8501F
	86-83	4.9L(300) 6CYL		E5TZ-8501B
	82-80	4.9L(300) 6CYL	GWF-39A	E4TZ-8501B
	66-74	170,200 6CYL	GWF-29A	D4DZ-8501A
	87-94	5.0L(302) 8CYL	GWF-67A	E7TZ-8501A
	88-94	5.8L(351H) 8CYL	GWF-67A	E7TZ-8501A
	81-87	5.8L(351W) 8CYL	GWF-23A	D6ZZ-8501B
	80-86	5.0L(302) 8CYL	GWF-23A	D6ZZ-8501B
BRONCO,BRONCO II	78-82	5.8L(351C,M) 6.6L(400) 8CYL	GWF-11A	D6AZ-8501A
	66-77	289,302 W/O TEC 8CYL	GWF-42A	C5AZ-8501L
	74-74	W/THERMACTOR EMISSION CONTROL		D4TZ-8501A
COURIER	72-82	1.8L(110) 2.0L(121) 4CYL	GWF-15A	D77Z-8501A
	77-82	2.3L(140) 4CYL	GWF-16A	D8FZ-8501A
ELITE FAIRLANE LTD II RANCHERO TORINO	69-74	250 6CYL	GWF-38A	D5DZ-8501A
	62-68	170,200 6CYL	GWF-29A	D4DZ-8501A
	72-79	351(C,M) 400 8CYL	GWF-11A	D0AZ-8501E
	71-79	302,351(W) 8CYL	GWF-23A	D0OZ-8501C
	70-77	429,460 8CYL	GWF-35A	D5TZ-8501G
	70-71	351 8CYL	GWF-11A	D0AZ-8501E
	70-70	302 8CYL	GWF-23A	D0OZ-8501C
	67-69	289,302,351 8CYL	GWF-42A	C9AZ-8501A
	66-69	390,427,428 8CYL	GWF-37A	D4TZ-8501H
	65-66	289 CAST IRON WP 8CYL	GWF-42A	C9AZ-8501A
ESCORT EXP	91-94	1.8L(112) 4CYL	GWF-71A	E9JY-8501B
	91-94	1.9L(116) FROM 91.4 4CYL	GWF-72A	F1CZ-8501A
	91-91	1.9L(116) TO 91.4 4CYL	GWF-69A	F0CZ-8501A
	85-90	1.9L(116) 4CYL	GWF-50A	E8FZ-8501A
	84-87	2.0L(122) D 4CYL	GWF-52A	E7FZ-8501B
EXCURSION	04-	V8 6.0	GWF-118A	3C3Z 8507-AA

FORD

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
FORD(USA)				
EXPLORER	90-94	4.0L(244) 6CYL	GWF-77A	F0TZ-8501D
E-SERIES	04-05	E-350 ECONOLINE	GWF-117A	4C3Z 8501AC
	06-10	E-350 SUPER DUTY	GWF-117A	4C3Z 8501AC
	04-05	E-450 ECONOLINE	GWF-117A	4C3Z 8501AC
	06-07	E-450 SUPER DUTY	GWF-117A	4C3Z 8501AC
FAIRMONT FUTURA	81-85	1.6L(98) 4CYL	GWF-50A	E7FZ-8501A
	83-83	2.3L(140) 4CYL	GWF-22A	E3BZ-8501A
	78-82	2.3L(140) 4CYL	GWMZ-20A	D8FZ-8501A
	78-83	3.3L(200) 6CYL	GWF-28A	D8BZ-8501A
FALCON	78-82	4.2L(255) 5.0L(302) 5.8L(351W) 8CYL	GWF-23A	D6ZZ-8501B
	60-70	144,170,200 6CYL	GWF-29A	C6DZ-8501C
	67-70	289,302 8CYL	GWF-42A	D3UZ-8501A
	65-66	289 8CYL	GWF-42A	C5AZ-8501E
FESTIVA	87-93	1.3L(79) 4CYL	GWF-66A	E9BZ-8501A
FIESTA	78-80	1.6L(98) 4CYL	GWF-10A	D8RZ-8501A
	03-	JH 1242	GWF-119A	1472867
FOCUS	00-04	2.0L L4 (120P)	GWF-115A	YS4Z-8507AA
	03-	JD 1388	GWF-119A	1472867
F-SERIES	04-07	F-250 SUPER DUTY	GWF-117A	4C3Z 8501AC
	04-	F-250 SUPER DUTY	GWF-118A	3C3Z 8507-AA
	04-07	F-350 SUPER DUTY	GWF-117A	4C3Z 8501AC
	04-	F-350 SUPER DUTY	GWF-118A	3C3Z 8507-AA
	04-07	F-450 SUPER DUTY	GWF-117A	4C3Z 8501AC
	04-	F-450 SUPER DUTY	GWF-118A	3C3Z 8507-AA
	04-07	F-550 SUPER DUTY	GWF-117A	4C3Z 8501AC
	04-	F-550 SUPER DUTY	GWF-118A	3C3Z 8507-AA
FUSION	04-	JD 1596	GWF-119A	1472867
BROUGHAM CUSTOM GALAXIE LTD	83-86	2.3L(140) 4CYL	GWF-22A	E3BZ-8501A
	82-87	3.8L(230) 6CYL	GWF-21A	E2DZ-8501A
	83-83	3.3L(200) 6CYL	GWF-28A	D8BZ-8501A
	65-72	240 6CYL	GWF-41A	C5AZ-8501A
	92-94	4.6L(281) 8CYL	GWF-75A	F1VZ-8501A
	88-91	5.0L(302) 8CYL	GWF-70A	F0AZ-8501A
	85-91	5.8L(351) 8CYL	GWF-44A	E1AZ-8501A
	86-88	5.0L(302) 8CYL	GWF-44A	E1AZ-8501A
	84-85	5.0L(302) 8CYL W/CFI	GWF-57A	E5ZZ-8501A
	84-85	5.8L(351) 8CYL W/O CFI	GWF-27A	E4ZZ-8501A
	80-85	4.2L(255) 5.0L(302) 5.8L(351W) EXC HD APPLICATIONS 8CYL	GWF-26A	E0AZ-8501A
	80-84	HD APPLICATIONS 8CYL	GWF-44A	E1AZ-8501A
	79-79	5.0L(302) 5.8L(351W) 8CYL	GWF-26A	E0AZ-8501A
	71-79	5.8L(351C,M) 6.6L(400) 8CYL	GWF-11A	D6AZ-8501A
	70-78	5.0L(302) 5.8L(351W) 8CYL	GWF-23A	D6ZZ-8501B
	70-78	429,460 8CYL	GWF-35A	D8TZ-8501B
	65-71	352,390,427,428 8CYL	GWF-37A	C5AZ-8501U
	69-69	429 8CYL		C8VZ-8501A
	68-69	302,351 8CYL	GWF-42A	D3UZ-8501A
	65-67	289 CAST IRON 8CYL	GWF-42A	C5AZ-8501E
	65-65	289 ALUMINUM 8CYL		C5AZ-8501K

FORD

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
FORD(USA)				
GRANADA	80-82	2.3L(140) 4CYL	GWMZ-20A	D8FZ-8501A
	76-82	3.3L(200) 6CYL	GWF-28A	D8BZ-8501A
	82-82	3.8L(230) 6CYL	GWF-21A	E2DZ-8501A
	75-80	4.1L(250) 6CYL	GWF-38A	D5DZ-8501A
	75-75	3.3L(200) W/AC 6CYL	GWF-28A	D8BZ-8501A
	75-75	3.3L(200) W/O AC(75.4-) 6CYL	GWF-28A	D8BZ-8501A
	75-75	3.3L(200) W/O AC(-75.4) 6CYL	GWF-29A	D4DZ-8501A
	75-82	4.2L(255) 5.0L(302) 5.8L(351W) 8CYL	GWF-23A	D6ZZ-8501B
MAVERICK	73-77	140 4CYL	GWMZ-20A	D8FZ-8501A
	70-77	250 6CYL	GWF-38A	D0DZ-8501A
	75-77	200 W/AC 6CYL	GWF-28A	D5BZ-8501A
	75-77	200 W/O AC(75.4-) 6CYL	GWF-29A	D4DZ-8501A
	75-75	200 W/O AC(-75.4) 6CYL	GWF-29A	D4DZ-8501A
	70-74	170,200 6CYL	GWF-29A	D4DZ-8501A
	71-77	5.0L(302) 5.8L(351W) 8CYL	GWF-23A	D0OZ-8501C
MONDEO	07-11	JD 1596	GWF-119A	1472867
MUSTANG	87-93	2.3L(140) 4CYL	GWF-61A	E6ZZ-8501A
	83-88	2.3L(140) 4CYL	GWF-22A	E4BZ-8501A
	74-82	2.3L(140) 4CYL	GWMZ-20A	D8FZ-8501A
	82-87	3.8L(230) 6CYL	GWF-21A	E2DZ-8501A
	94-95	3.8L(232) 6CYL	GWF-80A	F4SZ-8501A
	78-82	3.3L(200) 6CYL	GWF-28A	D8BZ-8501A
	74-79	2.8L(171) 6CYL	GWF-24A	D8ZZ-8501A
	69-73	250 6CYL	GWF-38A	D2DZ-8501A
	65-70	170,200 6CYL	GWF-29A	C6DZ-8501C
	07-09	4.6L (281H) 8CYL	GWF-114A	YW7Z-8501BB
	01-04	4.6L (281R,X,Y) 8CYL	GWF-114A	YW7Z-8501BB
	05-06	4.6L (281H) 8CYL	GWF-113A	YR3Z-8501AB
	99-01	4.6L (281V,X) 8CYL	GWF-113A	YR3Z-8501AB
	96-98	4.6L(281) 8CYL	GWF-83A	F3LY-8501A/B
	96-98	4.6L(281) 8CYL		F6LZ-8501AA
	86-93	5.0L(302) 8CYL	GWF-56A	F0ZZ-8501A
	79-85	4.2L(255) 5.0L(302) EXC HIGH OUT-PUT 8CYL	GWF-27A	E4ZZ-8501A
	84-85	5.0L(302) HIGH-OUTPUT 8CYL	GWF-57A	E5ZZ-8501A
	94-95	5.0L(8CYL)	GWF-92A	F4ZZ-8501A/B
	76-78	5.0L(302)(76.3-) 8CYL	GWF-23A	D6ZZ-8501B
	75-76	5.0L(302)(-76.3) 8CYL		D5ZZ-8501A
	71-73	5.0L(302) 8CYL	GWF-23A	D0OZ-8501C
	71-73	351 8CYL	GWF-11A	D0AZ-8501C
	71-71	429 8CYL	GWF-35A	D2VY-8501C
	70-70	302,351W 8CYL	GWF-23A	D0OZ-8501C
	70-70	351C 8CYL	GWF-11A	D0AZ-8501C
	67-70	390,427,428 8CYL	GWF-37A	D0AZ-8501D
	69-69	429 8CYL		C9VZ-8501A
	68-69	289,302,351 8CYL	GWF-42A	D3UZ-8501A
	65-67	289 W/CAST IRON HOUSING 8CYL	GWF-42A	D3UZ-8501A
	65-67	289 W/ALUM HOUSING 8CYL		C5AZ-8501K
PINTO	74-80	2.3L(140) 4CYL	GWMZ-20A	D8FZ-8501A
	71-74	2.0L(122) 4CYL	GWF-03A	D1FZ-8501A
	71-74	1.6L(98) 4CYL	GWF-01A	D1FZ-8501B
	74-79	2.8L(171)6CYL	GWF-24A	D8ZZ-8501A
	70-72	170 6CYL	GWF-29A	D4DZ-8501A
PRPBR	93-94	2.0L(122) 4CYL		F32Z-8501B
	89-92	2.2L(134) 4CYL	GWF-64A	F02Z-8501A
	93-94	2.5L(153) 6CYL		F32Z-8501A
	90-92	3.0L(183) 6CYL		F02Z-8501B

FORD

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
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FORD (USA)

RANGER	94-94	2.3L(140) 4CYL	GWF-61A	E6ZZ-8501A
	95-98	2.3L(140) 4CYL	GWF-84A	F57Z-8501A
	95-98	2.3L(140) 4CYL	GWF-84A	F87Z-8501BA
	95-98	2.5L(151) 4CYL	GWF-84A	F57Z-8501A
	95-98	2.5L(151) 4CYL	GWF-84A	F87Z-8501BA
	87-93	2.0L(121) 2.3L(140) 4CYL	GWF-61A	E6ZZ-8501A
	83-86	2.0L(121) 2.3L(140) 4CYL	GWF-22A	E4BZ-8501A
	91-94	3.0L(183) 6CYL	GWF-53A	E69Z-8501A
	90-94	4.0L(244) 6CYL		F0TZ-8501D
	86-93	2.9L(177) 6CYL	GWF-58A	E6TZ-8501A
	83-86	2.8L(171) 6CYL		E3TZ-8501F

SERIES 100-350	93-94	4.9L(300) 6CYL		F3TZ-8501E
	92-92	4.9L(300) E150/350 6CYL	GWF-76A	F2UZ-8501A
	92-92	4.9L(300) F150/350 6CYL	GWF-62A	F0TZ-8501F
	88-91	4.9L(300) 6CYL	GWF-62A	F0TZ-8501F
	87-87	4.9L(300) 6CYL	GWF-55A	E7TZ-8501B
	85-86	4.9L(300) 6CYL		E5TZ-8501B
	84-84	4.9L(300) W/DUAL REAR WHEEL 6CYL		E4TZ-8501A
	84-84	4.9L(300) EXC DUAL REAR WHEEL 6CYL	GWF-39A	E4TZ-8501B
	82-83	3.8L(230) 6CYL	GWF-21A	E2DZ-8501A
	83-83	4.9L(300) 6CYL		E5TZ-8501B
	78-82	4.9L(300) 6CYL	GWF-39A	E4TZ-8501B
	77-77	4.9L(300) E,F150/350 (EXC CALIF) FROM SERIAL # 080001 6CYL	GWF-41A	D5TZ-8501A
	77-77	4.9L(300) E,F150/350 (CALIF) FROM SERIAL # 080001 6CYL	GWF-39A	D5TZ-8501B
	75-77	4.9L(300) E,F150/350,P350 TO SERIAL # 080000 6CYL	GWF-41A	D5TZ-8501A
	74-74	4.9L(300) E100/200,F100 6CYL THERMACTOR EMISSION CONTROL	GWF-39A	D4TZ-8501C
	73-74	240,300 E100/300,F100/350,P350 W/O THERMACTOR EMISSION CONTROL	GWF-41A	D2AZ-8501A
	65-72	6CYL	GWF-41A	D2AZ-8501A
	61-70	240,300 6CYL	GWF-29A	C6DZ-8501C
	61-64	144,170 6CYL		B6C-8501C
	87-94	223 6CYL	GWF-67A	F0TZ-8501E
	88-94	5.0L(302) 8CYL	GWF-67A	F0TZ-8501E
	88-93	5.8L(351) 8CYL	GWF-104A	E9TZ-8501B
	92-93	7.3L(446)(D) 8CYL		F2TZ-8501A
	85-92	7.5L(460) 92.2.3- 8CYL	GWF-35A	E5TZ-8501C
	75-87	7.5L(460) -92.2.2 8CYL	GWF-23A	D6ZZ-8501B
	83-87	5.8L(351W) 8CYL		E4TZ-8501C
	79-86	6.9L(420)(D) 8CYL	GWF-23A	D6ZZ-8501B
	81-84	5.0L(302) 8CYL	GWF-23A	D6ZZ-8501B
	73-84	4.2L(255) 8CYL	GWF-35A	D8TZ-8501B
	77-82	7.5L(460) 8CYL	GWF-11A	D6AZ-8501A
	69-78	5.8L(351M) 6.6L(400) 8CYL	GWF-23A	D6ZZ-8501B
	74-76	5.0L(302) F100 8CYL	GWF-37A	D4TZ-8501H
	73-74	360,390 8CYL 5.0L(302)E100/300 W/THERMACTOR		D4UZ-8501A
	73-74	360,390 8CYL EMISSION CONTROL 8CYL	GWF-42A	D3UZ-8501A
	73-73	W/O T.E.C. 8CYL 360,390 F100/350 W/O THERMACTOR	GWF-37A	D4TZ-8501H
	68-72	EMISSION CONTROL 8CYL	GWF-42A	D3UZ-8501A
	64-	5.0L(302) 8CYL	GWF-37A	D4TZ-8501H
	65-67	360,390 8CYL	GWF-37A	D4TZ-8501H
	78-78	SERIES 400-1100		D5TZ-8501C
	75-78	300 P300 6CYL		D5TZ-8501C
	77-77	300 B,F500 B,C,600 6CYL 300 P500(EXC CALIF)	GWF-41A	D5TZ-85011A
	77-77	300 P500(CALIF) FROM SERIAL # 080001- 6CYL	GWF-39A	D5TZ-8501B

FORD

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
FORD(USA)				
SERIES 100-350	75-77	300 P400/500 TO SERIAL # 080001 6CYL	GWF-41A	D5TZ-8501A
	73-74	240,300 P400/500 W/O THERMACTOR EMISSION CONTROL 6CYL	GWF-41A	D2AZ-8501A
	73-74	300 B,F500 B,C,F,LN600 6CYL		D2TZ-8501A
	71-72	240,300 6CYL		D2TZ-8501A
	65-70	300(H.D.) 6CYL		C5TZ-8501A
	79-92	6.1L(370) 7.0L(429) 8CYL		E5HZ-8501A
	77-78	359,361,389 B,F600/750 C,CT600/800 LN600/750 SERIAL #Y45001-BC50001		D7HZ-8501D
	75-78	359,361,389,391(LOW FAN) B,F500/800 C,CT600/800 LN600/800 SERIAL #V800001- 8CYL		D7HZ-8501D
	75-76	390 W/4 BBL CARB M450/500 8CYL	GWF-37A	D0AZ-8501D
	74-75	330(M.D.) B,F500 SERIAL #T400001 TO WOOOO1(USE ONLY 4BLADE STEEL OR 5BLADE ALUM FAN) 8CYL		D4TZ-8501M
	74-74	330 B600/700 C,F,LN600 SERIAL #T40001- (USE ONLY 4BLADE STEEL OR 5BLADE ALUM FAN) 8CYL		D4TZ-8501M
	74-74	361,391 LN600/700 -SERIAL #T400000 (USE ONLY 4BLADE STEEL OR 5BLADE ALUM FAN) 8CYL		D4TZ-8501M
	73-74	330 LN600 -SERIAL #T400000 (USE ONLY 4BLADE STEEL OR 5BLADE ALUM FAN)		D4TZ-8501M
	73-74	330,359,361,391 B,F600/750 C,CT600/800 -SERIAL #T400000(USE ONLY 4BLADE STEEL OR 5BLADE ALUM FAN) 8CYL		D4TZ-8501M
	73-74	360,390 M450/500 8CYL	GWF-37A	D0AZ-8501D
	73-73	361,390 M450/500 L,LN,LNT,LT,LTS600/800 -SERIAL #Q60001(USE ONLY 4BLADE STEEL OR 5BLADE ALUM FAN) 8CYL		D4TZ-8501M
	64-72	330(H.D.),361,391 W/CRANKSHAFT MOUNTED OR WP MOUNTED FAN(USE ONLY 4BLADE STEEL OR 5BLADE ALUM FAN EXC HI-FAN) 8CYL		D4TZ-8501M
	65-72	330(M.D.) B500/700 C550/700 F500/700 N500/700 8CYL	GWF-37A	D0AZ-8501D
	71-74	ALL 2000 TO 7000 SERIES W/SINGLE PULLEY 3CYL/4CYL	GWF-25A	D5NN-8501E
	68-70	200,200GP ENG 6CYL	GWF-29A	C6DZ-8501C
	65-66	240,300(L.D.) ENG C5PF,C5PG 6CYL	GWF-41A	C5AZ-8501A
	64-69	330(M.D.) C4PA,C4PD,C5PD 8CYL	GWF-37A	D0AZ-8501A
TAURUS	89-91	2.5L(153)(89.2-) 4CYL	GWF-104A	E9DZ-8501B
	86-89	2.5L(153)(-89.2) 4CYL	GWF-51A	E6DZ-8501B
	86-94	3.0L(183) EXC SHO ENG 6CYL	GWF-48A	E6DZ-8501A
	89-94	3.0L(183) SHO ENG 6CYL		F0DZ-8501A
	95-	3.0L(183) 6CYL	GWF-82A	F5DZ-8501A
	-		GWF-82A	F6DZ-8501FA
	93-94	3.2L 6CYL		F3DZ-8501A
	88-94	3.8L(230) 6CYL	GWF-60A	E8DZ-8501A
	94-95	3.8L(232) 6CYL	GWF-79A	F4DZ-8501A
TEMPO	92-94	2.3L(140) 4CYL	GWF-51A	F23Z-8501Z
	84-91	2.3L(140) 4CYL	GWF-36A	E93Z-8501A
	84-86	2.0L(122) 4CYL	GWF-52A	E43Z-8501B
	92-94	3.0L(183) 6CYL		F23Z-8501A

FORD

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
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FORD(USA)

THUNDERBIRD	88-88	2.3L(140) 4CYL	GWF-61A	E6ZZ-8501A
	83-88	2.3L(140) 4CYL	GWF-22A	E4BZ-8501A
	96-98	3.8L(6CYL)	GWF-94A	F6ZZ-8501A/BE
	-		GWF-94A	F7ZZ-8501AA
	-		GWF-94A	F8ZZ-8501AA
	89-94	3.8L(232) W/O SUPERCHARGER 6CYL	GWF-63A	E9SZ-8501A
	89-94	3.8L(232) W/ SUPERCHARGER		E9SZ-8501B
	88-88	3.8L(232) 6CYL	GWF-63A	E9SZ-8501A
	82-87	3.8L(232) 6CYL	GWF-21A	E2DZ-8501A
	80-82	3.3L(200) 6CYL	GWF-28A	D8BZ-8501A
	94-95	3.8L(232) 6CYL	GWF-80A	F4SZ-8501A
	91-93	5.0L(302) 8CYL	GWF-93A	F1SZ-8501A
	86-88	5.0L(302) 8CYL	GWF-56A	E6AZ-8501A
	85-85	5.0L(302) 8CYL	GWF-44A	E1AZ-8501A
	80-84	4.2L(255) 5.0L(302) 8CYL	GWF-26A	E0AZ-8501A
	77-79	302,305W 8CYL	GWF-23A	D6ZZ-8501B
	77-79	351C,M 400 8CYL	GWF-11A	D6AZ-8501A
	70-77	429,460 8CYL	GWF-35A	D1VY-8501A
	72-72	400 8CYL	GWF-11A	D6AZ-8501A
	68-69	429 8CYL		C8SZ-8501A
	65-68	390,428 8CYL	GWF-37A	D4TZ-8501H

LINCOLN(FORD)

CONTINENTAL	88-94	3.8L(232) 6CYL	GWF-60A	E8DZ-8501A
	94-	3.8L(232) 6CYL	GWF-79A	F4DZ-8501A
	84-86	2.4L(146)(D) 6CYL		E45Y-8501A
	82-82	3.8L(232) 6CYL	GWF-21A	E2DZ-8501A
	86-88	5.0L(302) 8CYL	GWF-56A	F0ZZ-8501A
	85-85	5.0L(302) 8CYL	GWF-27A	E4ZZ-8501A
	84-84	5.0L(302) CAST IRON PUMP 8CYL	GWF-44A	E1AZ-8501A
	80-84	5.0L(302) 5.8L(351W) ALUM PUMP	GWF-26A	E0AZ-8501A
	73-79	5.8L(351M) 6.6L(400) 8CYL	GWF-11A	E6AZ-8501A
	73-77	7.5L(460) 8CYL	GWF-35A	D5TZ-8501G

MARK III-VIII TOWN CAR	01-10	4.6L (281V,W) 8CYL	GWF-114A	YW7Z-8501BB
	84-85	2.4L(146)(D) 6CYL		E45Y-8501A
	93-94	MARK VIII 4.6L(281) 8CYL		F3LY-8501A
	91-94	TOWN CAR 4.6L(281) 8CYL	GWF-75A	F1VY-8501A
	94-	TOWN CAR 4.6L(281) 8CYL		F4AZ-8501A
	86-92	MARK VII 5.0L(302) 8CYL	GWF-56A	F0ZZ-8501A
	88-90	TOWN CAR 5.0L(302) 8CYL	GWF-70A	F0AZ-8501A
	85-88	TOWN CAR 5.0L(302) 8CYL	GWF-44A	E6AZ-8501B
	85-85	MARK VII 5.0L(302) 8CYL	GWF-27A	E4ZZ-8501A
	84-84	MARK VII 5.0L(302) CAST IRON PUMP	GWF-44A	E0AZ-8501A
	80-84	5.0L(302) 5.8L(351W) ALUMI PUMP	GWF-26A	E0AZ-8501A
	77-79	6.6L(400) 8CYL	GWF-11A	E6AZ-8501A
	73-78	7.0L(429) 7.5L(460) 8CYL	GWF-35A	D5AZ-8501G
	73-76	5.8L(351M) 6.6L(400) 8CYL	GWF-11A	E6AZ-8501A
	70-72	7.5L(460) 8CYL	GWF-35A	D5TZ-8501G

VERSAILLES	77-80	4.2L(255) 5.0L(302) 5.8L(351W)	GWF-23A	D6ZZ-8501B
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MERCURY(FORD)

BOBCAT	74-80	2.3L(140) 4CYL	GWMZ-20A	D4FZ-8501A
	73-74	2.0L(122) 4CYL	GWF-03A	D3RY-8501A
	74-79	2.8L(171) 6CYL	GWF-24A	D8ZZ-8501A

FORD

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
MERCURY(FORD)				
CAPRI	91-94	1.6L(98) W/O TURBO 4CYL	GWF-66A	E9BZ-8501A
	91-94	1.6K(98) W/TURBO 4CYL	GWF-71A	E9JY-8501B
	83-86	2.3L(140) 4CYL	GWF-22A	E4BZ-8501B
	76-82	2.3L(140) 4CYL	GWMZ-20A	D8FZ-8501A
	71-74	2.0L(122) 4CYL	GWF-03A	D1FZ-8501A
	71-72	1.6L(98) 4CYL	GWF-01A	D0RY-8501A
	83-86	3.8L(230) 6CYL	GWF-21A	E2DZ-8501A
	79-82	3.3L(200) 6CYL	GWF-28A	D8BZ-8501A
	73-79	2.6L(159) 2.8L(171) 6CYL	GWF-24A	D4ZZ-8501A
	86-86	5.0L(302) 8CYL	GWF-56A	E6AZ-8501A
	84-85	5.0L(302) C.F.I. 8CYL	GWF-57A	E5ZZ-8501A
	79-85	4.2L(255) 5.0L(302) EXC C.F.I.	GWF-27A	E4ZZ-8501A
COMET MONTEGO	75-77	200 W/AC 6CYL	GWF-28A	D5BZ-8501A
	75-77	200 W/O AC 6CYL	GWF-28A	D5BZ-8501A
	73-77	250 6CYL	GWF-38A	D5DZ-8501A
	75-75	200 W/O AC 6CYL	GWF-29A	D4DZ-8501A
	60-74	144,170,200 6CYL	GWF-29A	D4DZ-8501A
	69-72	250 6CYL	GWF-38A	D5DZ-8501A
	70-77	302,351W 8CYL	GWF-23A	D0OZ-8501C
	70-77	351C,M 400 8CYL	GWF-11A	D6AZ-8501A
	70-77	429,460 8CYL	GWF-35A	D2VY-8501A
	68-69	289,302,351 8CYL	GWF-42A	D3UZ-8501A
	66-69	390,427,428 8CYL	GWF-37A	D4TZ-8501H
	65-67	289 CAST IRON HOUSING 8CYL	GWF-42A	D3UZ-8501A
	63-66	289 ALUM HOUSING 8CYL		C3OZ-8501B
COUGAR XR-7	83-86	2.3L(140) 4CYL	GWF-22A	E4BZ-8501A
	80-82	2.3L(140) 4CYL	GWMZ-20A	D8FZ-8501A
	89-93	3.8L(230) W/O SUPERCHARGE 6CYL	GWF-63A	F1SZ-8501B
	89-93	3.8L(230) SUPERCHARGE 6CYL		E9SZ-8501B
	88-88	3.8L(230) 6CYL	GWF-63A	E8SZ-8501A
	82-87	3.8L(230) 6CYL	GWF-21A	E2DZ-8501A
	80-82	3.3L(200) 6CYL	GWF-28A	D8BZ-8501A
	91-93	5.0L(302) 8CYL		F1SZ-8501A
	86-88	5.0L(302) 8CYL	GWF-56A	E6AZ-8501A
	85-85	5.0L(302) W/CFI W/O TRAILER TOWING	GWF-44A	E1AZ-8501A
	80-84	4.2L(255) 5.0L(302) 8CYL	GWF-26A	E0AZ-8501A
	70-79	5.0L(302) 5.8L(351W) 8CYL	GWF-23A	D6ZZ-8501B
	70-79	5.8L(351C,M) 6.6L(400) 8CYL	GWF-11A	D6AZ-8501A
	71-77	429,460 8CYL	GWF-35A	D2VY-8501C
	67-70	428 8CYL	GWF-37A	D4TZ-8501H
	67-70	429 8CYL		C9VZ-8501A
	67-69	289,302,351 8CYL	GWF-42A	C9AZ-8501A
	67-69	390,427,428 8CYL	GWF-37A	C5AZ-8501M
MARQUIS BROUGHAM GRAND MARQUIS MONTCLAIR MONTEREY COLONY PARK STATION WAGON MYSTIQUE	01-10	4.6L (281V.W) 8CYL	GWF-114A	YW7Z-8501BB
	95-97	2.0L(1989cc)	GWF-90A	F5RZ-8501B
			GWF-90A	68788045
			GWF-90A	EPW76
	95-98	2.5L(2450cc)	GWF-91A	F5RZ-8501A
			GWF-91A	F63Z-8501AA
			GWF-91A	XS2Z-8501/BC
	83-86	2.3L(140) 4CYL	GWF-22A	E4BZ-8501A
	81-82	2.3L(140) 4CYL	GWMZ-20A	D8FZ-8501A
	82-86	3.8L(230) 6CYL	GWF-21A	E2DZ-8501A
	83-83	3.3L(200) 6CYL	GWF-28A	D8BZ-8501A
	60-63	144,170,200 6CYL	GWF-29A	C6DZ-8501A
	92-94	4.6L(281) 8CYL	GWF-75A	F1VY-8501A
	94-	4.6L(281) 8CYL	GWF-75A	F4AZ-8501A
	88-91	5.0L(302) 8CYL	GWF-70A	F0AZ-8501A
	85-90	5.8L(351) 8CYL	GWF-44A	E1AZ-8501A

FORD

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
MERCURY(FORD)				
MARQUIS BROUGHAM GRAND MARQUIS MONTCLAIR MONTEREY COLONY PARK STATION WAGON MYSTIQUE	86-88	5.0L(302) 8CYL	GWF-44A	E1AZ-8501A
	84-85	5.0L(302) POLICE CAR W/CFI,HIGH OUTPUT AUTO O/D TRANS ALUMI WP 8CYL	GWF-27A	E4ZZ-8501A
	83-85	5.0L(302) 5.8L(351W) EXC POLICE CAR,TAXI & HD TOWING ALUMI WP 8CYL	GWF-26A	E0ZZ-8501A
	83-84	5.0L(302) 5.8L(351W) POLICE CAR,TAXI,HIGH OUTPUT & HD TOWING CAST IRON WP 8CYL	GWF-44A	E1AZ-8501A
	80-82	4.2L(255) 5.0L(302) 5.8L(351W) EXC POLICE CAR,TAXI & HD TOWING ALUMI WP 8CYL	GWF-26A	E0AZ-8501A
	80-82	4.2L(255) 5.0L(302) 5.8L(351W) POLICE CAR, TAXI & HD TOWING CAST IRON WP 8CYL	GWF-44A	E1AZ-8501A
	79-79	302,351W 8CYL	GWF-26A	E0AZ-8501A
	71-79	351C,M 400 8CYL	GWF-11A	D1AZ-8501A
	70-78	429,460 8CYL	GWF-35A	D8TZ-8501B
	71-72	351W 8CYL	GWF-23A	D0AZ-8501F
	70-70	390,428 8CYL	GWF-37A	D4TZ-8501H
	69-69	429 8CYL		C8VZ-8501A
	65-69	390,410,427,428 8CYL	GWF-37A	C5AZ-8501F
LYNX LN7	81-87	1.6L(98) 1.9L(116) 4CYL	GWF-50A	E7FZ-8501A
	84-87	2.0L(122)(D) 4CYL	GWF-52A	E7FZ-8501B
MARAUDER	03-04	4.6L (281V) 8CYL	GWF-114A	YW7Z-8501BB
MERKUR-SCORPIOM XR4Ti	87-89	2.3L(140) 4CYL	GWF-61A	E6ZZ-8501A
	85-87	2.3L(140) 4CYL	GWF-22A	E4BZ-8501A
	88-90	2.9L(177) 6CYL		E7RY-8501A
METEOR	65-69	240 6CYL	GWF-41A	D5TZ-8501A
	71-76	351C,M 400 8CYL	GWF-11A	D2SZ-8501A
	70-76	429,460 8CYL	GWF-35A	D5TZ-8501G
	70-72	302,351W 8CYL	GWF-23A	D0OZ-8501C
	65-70	352,390,410,428 8CYL	GWF-37A	D0AZ-8501A
	69-69	429 8CYL		C8VZ-8501A
	66-69	289,302,351 8CYL	GWF-42A	C5AZ-8501P
MONARCH	80-80	2.3L(140) 4CYL	GWMZ-20A	D8FZ-8501A
	75-80	250 6CYL	GWF-38A	D5DZ-8501A
	75-77	200 W/AC 6CYL	GWF-28A	D5BZ-8501A
	75-77	200 W/O AC 6CYL	GWF-28A	D5BZ-8501A
	75-75	200 W/O AC 6CYL	GWF-29A	D4DZ-8501A
	75-80	255,302,351W 8CYL	GWF-23A	D6ZZ-8501B
SABLE	86-86	2.5L(153) 4CYL	GWF-51A	E6DZ-8501B
	86-94	3.0L(183) 6CYL	GWF-48A	E6DZ-8501A
	86-94	3.8L(230) 6CYL	GWF-60A	E8DZ-8501A
TOPAZ	92-94	2.3L(140) 4CYL	GWF-51A	F23Z-8501B
	84-91	2.3L(140) 4CYL	GWF-36A	E93Z-8501A
	84-86	2.0L(122)(D) 4CYL	GWF-52A	E43Z-8501B
	92-94	3.0L(183) 6CYL		F23Z-8501A
TRACER	91-94	1.8L(112) 4CYL	GWF-71A	E9JY-8501B
	91-94	1.9L(116) 4CYL	GWF-72A	F1CZ-8501A
	91-91	1.9L(116) 4CYL	GWF-69A	F0CZ-8501A
	87-90	1.6L(98) 4CYL	GWF-66A	E7GZ-8501A
VILLAGER VAN	93-94	3.0L(183) 6CYL	GWF-73A	F3XY-8501B

FORD

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
MERCURY(FORD)				
ZEPHYR	83-83	2.3L(140) 4CYL	GWF-22A	E3BZ-8501A
	78-82	2.3L(140) 4CYL	GWMZ-20A	D8FZ-8501A
	78-83	3.3L(200) 6CYL	GWF-25A	D8FZ-8501A
	78-82	4.2L(255) 5.0L(302) 8CYL	GWF-23A	D6ZZ-8501B

GENERAL MOTORS

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
AMIGO	98-00	X22SE	GWG-96A	90322506
	04-08		GWG-96A	90466343
AVALANCHE	02-06	L59	GWG-100A	12456113
GENERAL MOTORS BUICK				
(BUICK) APOLLO	75-75	250 6CYL	GWG-12A	361054
	75-75	3.8L(231) 6CYL	GWG-07A	1242913
	73-74	250 EXC 1974 W/AC 6CYL	GWG-01A	357261
	74-74	250 W/AC 6CYL		358937
	75-75	260 W/AC 8CYL	GWG-26A	556283
	75-75	260 W/O AC 8CYL	GWG-36A	231886
	74-75	350 8CYL	GWG-07A	1242913
(BUICK) CENTURY-AFTER 1987	93-94	2.2L(134) 4CYL	GWG-47A	12518443
	87-92	2.5L(151) 4CYL	GWG-49A	10181369
	85-91	2.5L(151) 4CYL	GWG-74A	AW5067
	94-94	3.1L(191) 6CYL	GWG-48A	10048949
	91-94	3.3L(204) 6CYL	GWG-59A	12338842
	89-90	3.3L(204) 6CYL	GWG-44A	12326453
	87-89	2.8L(173) 6CYL	GWG-48A	10048949
	87-88	3.8L(231) 6CYL	GWG-44A	25527537
(BUICK) CENTURY REGAL SOMERSET REGAL SPECIAL	85-87	2.5L(151) 4CYL	GWG-05A	10042949
	82-86	2.5L(151) 4CYL	GWG-05A	10042949
	-	W/PULLEY	GWG-05AP	
	85-87	3.0L(181) 6CYL	GWG-44A	25527537
	-	3.0L(181) 6CYL	GWG-76A	12537495
	-	3.0L(181) 6CYL	GWG-77A	12326453
	82-87	3.8L(231) REGAL 6CYL	GWG-07A	25527536
	86-86	3.8L(231) CENTURY 6CYL	GWG-44A	25527537
	-	3.8L(231) 6CYL	GWG-78A	12537829
	86-86	2.8L(173) 6CYL	GWG-04A	10120945
	82-85	3.0L(181) 3.8L(231) 6CYL	GWG-45A	25525147
	82-85	4.3L(260)(D) 6CYL	GWG-20A	22514840
	-	W/PULLEY	GWG-20AP	
	82-84	4.1L(252) 6CYL	GWG-07A	1260709
	82-84	4.3L(260)(D) 6CYL	GWG-24A	22514839
	82-83	2.8L(173) CANADA EXPORT 6CYL	GWG-04A	10054510
	75-81	3.2L(196) 3.8L(231) 6CYL	GWG-07A	1260709
	68-71	250 6CYL	GWG-01A	3876170
	64-67	225 6CYL	GWG-42A	1396346
	62-63	6CYL		1389457
	86-87	5.0L(307) 8CYL	GWG-26A	556283
	82-87	5.0L(305) CANADA EXPORT 8CYL	GWG-25A	10048917
	83-85	5.7L(350)(D) 8CYL	GWG-26A	556283
	82-84	5.0L(307) 8CYL	GWG-26A	556283
	82-82	5.7L(350)(D) W/AC 8CYL	GWG-26A	556283
	82-82	5.7L(350)(D) W/O AC 2ND DESIGN *5.97"	GWG-26A	556283
	-	*MOUNTING HEIGHT 1ST DESIGN *5.56"	GWG-36A	231886
	81-81	4.4L(267) 5.0L(305) CANADA EXPORT	GWG-25A	10048917
	80-81	4.3L(265) 8CYL	GWG-28A	9790522
	80-80	5.7L(350)(D) W/AC 8CYL	GWG-26A	556283
	80-80	5.7L(350)(D) W/O AC 8CYL	GWG-36A	231886
	77-80	5.7L(350) 8CYL	GWG-07A	1260709
	77-80	4.9L(301) 6.6L(400) 8CYL	GWG-28A	9790522
	77-80	5.0L(305) 8CYL	GWG-25A	10048917
	75-80	4.3L(260) 5.7L(350) 6.6L(403) W/AC 8CYL	GWG-26A	556283
	77-79	5.7L(350) 8CYL	GWG-25A	10048917
	73-76	350 8CYL	GWG-07A	1260709
	73-76	454 8CYL	GWG-40A	1245288
	71-72	350 8CYL	GWG-43A	1394926
	67-72	400,430,455 8CYL		1396880

GENERAL MOTORS

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
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GENERAL MOTORS BUICK

(BUICK) CENTURY REGAL	64-70	300,340,350 8CYL	GWG-42A	1396317
	61-63	8CYL		1389457

(BUICK FULL SIZE) ELECTRA ESTATE WAGON LESABRE PARK AVENUE REATTA RIVIERA ROADMASTER	91-94	3.8L(231) 6CYL	GWG-59A	12338842
	86-90	3.0L(181) 3.8L(231) 6CYL	GWG-44A	12326453
	85-85	3.0L(181) 3.8L(231) FWD 6CYL	GWG-45A	25525147
	81-85	3.8L(231) RWD 6CYL	GWG-07A	1260709
	85-85	4.3L(260)(D) W/O PULLEY 6CYL	GWG-20A	22519854
	-	W/PULLEY	GWG-20AP	
	81-84	4.1L(252) 6CYL	GWG-07A	1260709
	76-80	3.2L(196) 3.8L(231) 6CYL	GWG-07A	1260709
	94-94	5.7L(350) 8CYL		12527740
	91-93	5.0L(305) 5.7L(350) 8CYL	GWG-69A	10174846
	86-90	5.0L(307) 8CYL	GWG-26A	12337519
	81-85	5.0L(307) W/AC 8CYL	GWG-26A	556283
	81-85	5.0L(307) W/O AC	GWG-36A	231886
	83-85	5.7L(350)(D) 8CYL	GWG-26A	226283
	84-84	ELECTRA 5.0L(307) RWD 8CYL	GWG-26A	556283
	81-82	4.4L(267) 5.0L(305) CANADA EXPORT	GWG-25A	10048917
	82-82	5.7L(350)(D) W/O AC 2ND DESIGN MOUNTING HEIGHT 5.97"	GWG-26A	556283
	82-82	5.7L(350)(D) W/O AC 1ST DESIGN MOUNTING HEIGHT 5.56"	GWG-36A	231886
	80-82	5.7L(350)(D) W/AC 8CYL	GWG-26A	556283
	80-82	5.7L(350)(D) W/O AC 8CYL	GWG-36A	231886
	77-81	5.7L(350) 8CYL	GWG-07A	1260709
	81-81	5.7L(350) CANADA EXPORT 8CYL	GWG-07A	1260709
	79-80	5.0L(305) 8CYL	GWG-25A	10048917
	77-80	4.9L(301) 6.6L(400) 8CYL	GWG-28A	12309445
	77-80	5.7L(350) 6.6L(403) 8CYL W/AC	GWG-26A	556283
	77-80	5.7L(350) 6.6L(403) 8CYL W/O AC	GWG-36A	231886
	77-79	5.7L(350) 8CYL	GWG-25A	10048917
	76-78	4.3L(260) W/AC 8CYL	GWG-26A	556283
	76-78	4.3L(260) W/O AC 8CYL	GWG-36A	231886
	73-76	5.7L(350) 8CYL	GWG-07A	1257703
	73-76	454 8CYL	GWG-40A	12321622
	71-72	350 8CYL	GWG-43A	1394926
	71-72	454 W/AC 8CYL	GWG-40A	12321622
	67-72	400,430,440,454W/O AC 8CYL		1396880
	64-70	300,340,350 8CYL	GWG-42A	1396876

(BUICK) REGAL AFTER 1987	64-66			401428
	89-94	3.1L(189) 6CYL	GWG-48A	10174858
	90-94	3.8L(231) 6CYL	GWG-59A	12338842
	87-89	2.8L(173) 6CYL	GWG-48A	10048949
	87-87	3.8L(231) 6CYL	GWG-07A	25527536

(BUICK) SKYHAWK	87-89	2.0L(121) V PULLEY TYPE 4CYL	GWG-47A	10048968
	87-88	2.0L(121) TIMING PULLEY TYPE 4CYL	GWG-61A	90220568
	86-85	2.0L(121) 4CYL	GWG-06A	10065240
	82-86	1.8L(112) 4CYL	GWG-11A	52273124
	82-84	1.8L(112) 2.0L(121) 4CYL	GWG-06A	10065240
	75-80	3.2L(196) 3.8L(231) 6CYL	GWG-07A	1260709
	75-76	250 6CYL	GWG-12A	261054
	68-74	250(1974 W/O AC) 6CYL	GWG-01A	357261
	74-74	250 W/AC 6CYL		358937
	66-67	225 6CYL	GWG-42A	1396876
	65-65	ALL V6 MODELS 6CYL	GWG-42A	1396876
	78-80	5.7L(350) 8CYL	GWG-07A	1260709
	78-80	5.0L(305) 5.7L(350) 8CYL	GWG-25A	48917
	77-80	4.9L(301) 8CYL	GWG-28A	12309445
	77-80	5.7L(350) W/AC 8CYL	GWG-26A	556283
	77-80	5.7L(350) W/O AC 8CYL	GWG-36A	231886
	75-78	4.3L(250) W/AC 8CYL	GWG-26A	556283

GENERAL MOTORS

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
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GENERAL MOTORS BUICK

(BUICK) SKYHAWK	75-78	4.3L(250) W/O AC 8CYL	GWG-36A	231886
	76-76	5.7L(350) 8CYL	GWG-07A	1257703
	77-77	5.7L(350) 8CYL	GWG-07A	1257703

(BUICK) SKYHAWK	73-75	5.7L(350) 8CYL	GWG-07A	1257703
	73-75	454 8CYL	GWG-40A	1245288
	71-72	350 8CYL	GWG-43A	1394926
	67-72	400,430,454 8CYL		1396879
	66-70	300,340,350 8CYL	GWG-42A	1396876

(BUICK) SKYLARK	64-65	ALL V8 MODELS 8CYL	GWG-42A	1396876
	88-94	2.3L(138) 4CYL	GWG-66A	22537768
	86-91	2.5L(151) 4CYL	GWG-05A	10042972
	80-85	2.5L(151) 4CYL	GWG-05A	10042949
	-	W/3 GROOVE PULLEY	GWG-05AP	
	94-94	3.1L(191) 6CYL	GWG-48A	10048949
	91-94	3.3L(204) 6CYL	GWG-59A	12338842
	89-90	3.3L(204) 6CYL	GWG-44A	12326453
	86-88	3.0L(181) 6CYL	GWG-44A	12326453
	80-85	2.8L(173) 6CYL	GWG-04A	14024302
	75-80	3.2L(196) 3.8L(231) 6CYL	GWG-07A	1260709
	75-76	250 6CYL	GWG-12A	361054
	68-74	250(1974 W/O AC) 6CYL	GWG-01A	357261
	74-74	250 W/AC 6CYL		358937
	66-67	225 6CYL	GWG-42A	1396876
	65-65	ALL V6 MODELS 6CYL	GWG-42A	1396876
	78-80	5.7L(350) 8CYL	GWG-07A	1260709
	78-80	5.0L(305) 5.7L(350) 8CYL	GWG-25A	10048917
	77-80	4.9L(301) 8CYL	GWG-28A	12309445
	77-80	5.7L(350) W/AC 8CYL	GWG-26A	556283
	77-80	5.7L(350) W/O AC 8CYL	GWG-36A	231886
	75-78	4.3L(260) W/AC 8CYL	GWG-26A	556283
	75-78	4.3L(260) W/O AC 8CYL	GWG-36A	231886
	77-77	5.7L(350) 8CYL	GWG-07A	1257703
	76-76	5.7L(350) 8CYL	GWG-07A	1257703
	73-75	5.7L(350) 8CYL	GWG-07A	1257703
	73-75	454 8CYL	GWG-40A	1245288
	71-72	350 8CYL	GWG-43A	1394926
	67-72	400,430,454 8CYL		1396879
	66-70	300,340,350 8CYL	GWG-42A	1396876
	64-65	ALL V8 MODELS 8CYL	GWG-42A	1396876

GENERAL MOTORS CADILLAC

(CADILLAC)ALLANTE	92-93	4.6L(279) 8CYL		7490004
	95-98	4.6L(281) 8CYL	GWG-84A	12365639
	-	4.6L(281) 8CYL	GWG-85A	12365640
	88-92	4.5L(273) 8CYL		3634789
	87-87	4.1L(250) 8CYL		3634789
	87-88	4.1 V8	GWG-102A	12369484
	89-92	4.5 V8		3634653

(CADILLAC) CIMARRON	82-86	1.8L(112) 2.0L(122) 4CYL	GWG-06A	10065240
	87-88	2.8L(173) 6CYL	GWG-48A	100489849
	85-86	2.8L(173) 6CYL	GWG-51A	14089011

(CADILLAC) ESCALADE	07-14	ESV,EXT	GWG-106AT	12600767

GENERAL MOTORS

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
(CADILLAC FULL SIZE) DEVILLE ELDORADO FLEETWOOD BROUGHAM FUNERAL COACH LIMOUSINE SEVILLE SIXTY SPECIAL	85-85	4.3L(260)(D) FWD 6CYL	GWG-20A	22519584
	-	W/PULLEY	GWG-20AP	
	80-82	4.1L(252) 6CYL	GWG-07A	1260709
	93-94	4.6L(279) 8CYL		7490004
	91-94	4.9L(300) STEEL BODY 8CYL		3634789
	90-93	5.0L(305) 5.7L(350) 8CYL	GWG-62A	10077059
	88-90	4.5L(273) STEEL BODY 8CYL		3634789
	86-90	307 8CYL	GWG-26A	12337519
	86-87	4.1L(252) STEEL BODY 8CYL		3634789
	91-95	4.9 V8	GWG-102A	12369484
	86-87	4.1 V8		3634653
	88-90	4.5 V8		3634789

GENERAL MOTORS CADILLAC

(CADILLAC FULL SIZE) DEVILLE ELDORADO FLEETWOOD BROUGHAM FUNERAL COACH LIMOUSINE SEVILLE SIXTY SPECIAL	85-85	FLEETWOOD BROUGHAMFWD,DEVILLE FUNERAL COACH LIMOUSINE W/4.1L(252) STEEL BODY 8CYL		3634789
	85-85	ELDORADO,FLEETWOOD BROUGHAM(RWD) SEVILLE W/4.1L(252) 8CYL	GWG-37A	3634580
	82-84	4.1L(252) 8CYL	GWG-37A	3634580
	76-85	5.7L(350) INCL(D) 8CYL	GWG-26A	556283
	80-84	6.0L(368) 8CYL	GWG-29A	12309978
	74-79	7.0L(425) 8.2L(500) 8CYL	GWG-29A	12309978
	94-96		GWG-99A	12512742

GENERAL MOTORS CHEVROLET

(CHEVROLET) BERETTA	90-94	2.2L(134) 4CYL	GWG-47A	10089654
	90-94	2.3L(138) 4CYL	GWG-66A	24570464
	87-89	2.0L(121) 4CYL	GWG-47A	10089654
	90-94	3.1L(189) 6CYL	GWG-48A	10048949
	87-89	2.8L(173) 6CYL	GWG-48A	10048949

(CHEVROLET) CAMARO BERLINETTA Z-28 IROC	85-86	2.5L(151) 4CYL	GWG-52A	10032022
	82-84	2.5L(151) 4CYL	GWG-12A	361054
	93-94	3.4L(207) 6CYL	GWG-60A	12520914
	93-95	3.4L(207) 6CYL	GWG-75A	12520914
	90-92	3.1L(189) 6CYL	GWG-60A	10132880
	87-89	2.8L(173) 6CYL	GWG-60A	10120944
	85-86	2.8L(173) 6CYL	GWG-04A	10054510
	82-84	2.8L(173) 6CYL	GWG-17A	14105921
	80-81	3.8L(229) 6CYL	GWG-25A	10048917
	78-81	3.2L(196) 3.8L(231) 6CYL	GWG-07A	1260709
	78-79	3.3L(200) 6CYL	GWG-25A	10048917
	75-79	4.1L(250) 6CYL	GWG-12A	361054
	67-74	230,250 6CYL	GWG-01A	357261
	93-94	5.7L(350) 8CYL		12518277
	88-92	5.0L(305) 8CYL	GWG-62A	10077059
	88-92	5.7L(350) 8CYL	GWG-62A	10077059
	77-87	ALL MODELS EXC 1980 4.9L(301)	GWG-25A	10048917
	80-80	4.9L(301) 8CYL	GWG-28A	12309445
	72-76	262,305,307,350,400 8CYL	GWG-27A	372334
	72-76	402,454 8CYL	GWG-32A	6272159
	71-71	307,350,400 W/2BBL CARB 8CYL	GWG-27A	372334
	69-71	396,400 W/4BBL CARB 8CYL	GWG-32A	6272159
	69-70	302,307,327,350 8CYL	GWG-27A	372334
	67-68	283,302,307,327,350 8CYL	GWG-35A	3957981
	67-68	396 8CYL		14087581
93-97		GWG-98A	12518277	

(CHEVROLET) CANYON,ENNOY	07-13	150,025,003,500	GWG-106AT	12600767
	07-14	2500HD		

GENERAL MOTORS

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
(CHEVROLET) CAPRICE AFTER 1986	93-94	4.3L(262) 6CYL	GWG-62A	12522031
	89-92	4.3L(262) 6CYL	GWG-62A	10077059
	86-88	4.3L(262) 6CYL	GWG-25A	10048917
	91-93	5.0L(305) 8CYL	GWG-69A	10174846
	91-93	5.7L(350) 8CYL	GWG-69A	10174846
	89-90	5.0L(305) 8CYL	GWG-62A	10077059
	89-90	5.7L(350) 8CYL	GWG-62A	10077059
	86-90	5.0L(307) 8CYL	GWG-26A	556283
	86-88	5.0L(305) 5.7L(350) 8CYL	GWG-25A	10048917
GENERAL MOTORS CHEVROLET				
(CHEVROLET) CAVALIER CADET	90-94	2.2L(134) 4CYL	GWG-47A	10059654
	87-89	2.0L(121) 4CYL	GWG-47A	10059654
	82-86	1.8L(112) 4CYL	GWG-06A	14089018
	90-94	3.1L(189) 6CYL	GWG-48A	10048949
	87-89	2.8L(173) 6CYL	GWG-48A	10048949
	85-86	2.8L(173) 6CYL	GWG-51A	14089011
	02-05	L4 2198(134,F,6)	GWG-103A	12585226
(CHEVROLET) CELEBRITY	87-90	2.5L(151) 4CYL	GWG-49A	10181369
	82-86	2.5L(151) 4CYL	GWG-05A	10004073
	87-90	2.5L(151) 4CYL	GWG-49A	10181369
	82-86	2.5L(151) 4CYL	GWG-05A	10004073
	-	W/PULLEY	GWG-05AP	
	90-90	3.1L(189) 6CYL	GWG-48A	10048949
	87-89	2.8L(173) 6CYL	GWG-48A	10048949
	82-86	2.8L(173) INCL CANADA EXPORT	GWG-04A	4101304
	82-85	4.3L(260)(D) 6CYL	GWG-20A	22519584
	-	W/PULLEY	GWG-20AP	
(CHEVROLET) CHEVETTE CHEVETTE SCOOTER	76-87	1.6L(98) 4CYL	GWG-03A	10077051
	85-86	1.8L(112)(D) 4CYL	GWG-53A	94118501
	81-84	1.8L(112)(D) 4CYL	GWG-13A	94136076
	76-77	1.4L(85) 4CYL	GWG-03A	14071866
(CHEVROLET) CITATION	80-85	2.5L(151) 4CYL	GWG-05A	10042949
	-	W/PULLEY	GWG-05AP	
	80-85	2.8L(173) 6CYL	GWG-04A	10054510
(CHEVROLET) CORSICA	90-94	2.2L(134) 4CYL	GWG-47A	10089654
	87-89	2.0L(121) 4CYL	GWG-47A	10089654
	90-94	3.1L(189) 6CYL	GWG-48A	10048949
	87-89	2.8L(173) 6CYL	GWG-48A	10048949
(CHEVROLET) CORVETTE	92-94	5.7L(350) NON PULLEY DRIVE 8CYL		12509653
	90-94	5.7L(350) ZR-1 8CYL		10159599
	84-91	5.7L(350) 8CYL	GWG-22A	10048919
	71-82	5.7L(350) 8CYL	GWG-31A	6258551
	65-74	427,454 8CYL		
	55-70	265,283,327,350 8CYL	GWG-35A	3998206
(CHEVROLET FULL SIZE) BELAIR BISCAYNE CAPRICE IMPALA	85-85	4.3L(262) 6CYL	GWG-25A	10048917
	80-85	3.8L(231) 6CYL	GWG-07A	1260709
	80-84	3.8L(229) 6CYL	GWG-25A	10048917
	78-79	3.2L(196) 3.8L(231) 6CYL	GWG-07A	1260709
	78-79	3.3L(200) 6CYL	GWG-25A	10048917
	75-79	4.1L(250) 6CYL	GWG-12A	361054
	63-74	194,230,250 6CYL	GWG-01A	357261
	82-85	5.0L(305) 5.7L(350) 8CYL	GWG-25A	10048917
	83-85	5.7L(350)(D) 8CYL	GWG-26A	556283
	81-82	4.4L(267) 8CYL	GWG-25A	10048917
	80-82	5.7L(350)(D) W/AC 8CYL	GWG-26A	556283
	82-82	5.7L(350)(D) W/O AC 2ND DESIGN MOUNTING HEIGHT 5.97"	GWG-26A	556283

GENERAL MOTORS

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
(CHEVROLET FULL SIZE) BELAIR BISCAYNE CAPRICE IMPALA	82-82	5.7L(350)(D) W/O AC 1ST DESIGN MOUNTING HEIGHT 5.56"	GWG-36A	231886
	81-81	5.0L(305) 5.7L(350) 6.6L(400)	GWG-25A	10048917
	77-80	ALL MODELS EXC (D) & 454	GWG-25A	10048917
	72-76	262,305,350,400 8CYL	GWG-27A	372334
	72-76	402,454 8CYL	GWG-32A	6272159
	70-71	307,350,400 W/2BBL CARB 8CYL	GWG-27A	372334

GENERAL MOTORS CHEVROLET

(CHEVROLET FULL SIZE) BELAIR BISCAYNE CAPRICE IMPALA	70-71	400 W/4 BBL CARB,454 8CYL	GWG-32A	6272159
	69-69	327,350 8CYL	GWG-27A	372334
	69-69	396,427 8CYL	GWG-32A	3953620
	55-68	265,283,307,327 8CYL	GWG-35A	3998206
	65-58	396,427 8CYL		14087581
	94-96		GWG-99A	12523502

(CHEVROLET) LUMINA	93-93	2.2L(134) 4CYL	GWG-47A	12518443
	90-92	2.5L(151) 4CYL	GWG-49A	10181369
	90-94	3.1L(189) 6CYL	GWG-48A	10174858
	91-94	3.4L(207) 6CYL	GWG-48A	10174858

(CHEVROLET) LUMINA APV	90-94	3.1L(189) 6CYL	GWG-48A	10048949
	92-93	3.8L(231) 6CYL	GWG-59A	12338842

(CHEVROLET) MALIBU MALIBU CLASSIC MONTE CARLO CHEVILLE EL CAMINO	80-88	3.8L(229) 4.3L(262) 6CYL	GWG-25A	10048917
	80-87	3.8L(231) 6CYL	GWG-07A	1260709
	82-83	4.3L(260)(D) 6CYL	GWG-24A	22514839
	78-79	3.2L(196) 3.8L(231) 6CYL	GWG-07A	1260709
	78-79	3.3L(200) 6CYL	GWG-25A	10048917
	75-79	4.1L(250) 6CYL	GWG-12A	361054
	68-74	230,250 6CYL	GWG-01A	357261
	81-88	5.0L(305) 8CYL	GWG-25A	10048917
	83-84	5.7L(350)(D) 8CYL	GWG-26A	556283
	81-82	4.4L(267) 8CYL	GWG-25A	10048917
	82-82	5.7L(350)(D) W/AC 8CYL	GWG-26A	556283
	82-82	5.7L(350)(D) W/O AC 8CYL 2ND DESIGN MOUNTING HEIGHT 5.97"	GWG-26A	556283
	82-82	5.7L(350)(D) W/O AC 8CYL 1ST DESIGN MOUNTING HEIGHT 5.56"	GWG-36A	231886
	77-80	ALL MODELS(EXC 454 ENG) 8CYL	GWG-25A	10048917
	72-76	262,305,307,350,400 8CYL	GWG-27A	372334
	72-76	402,454 8CYL	GWG-32A	6272159
	69-71	307,350,400 W/2BBL CARB 8CYL	GWG-27A	37233
	69-71	396,400 W/4BBL CARB,454 8CYL	GWG-27A	3977607
	64-68	283,307,327,350 8CYL	GWG-35A	3998206
	65-68	396 8CYL		14087581
	04-05	L4 2198 (134,F)	GWG-103A	12585226

(CHEVROLET) MONZA VEGA	78-80	2.5L(151) 4CYL	GWG-12A	361054
	78-80	3.2L(196) 3.8L(231) 6CYL	GWG-07A	1260709
	78-79	3.3L(200) 6CYL	GWG-25A	10048917

(CHEVROLET) NOVA CHEVY 2 COBALT	88-88	1.6L(98) DOHC 4CYL	GWG-58A	94844775
	85-88	1.6L(98) SOHC 4CYL	GWG-50A	94840612
	62-70	153 4CYL	GWG-01A	3947042
	78-79	3.2L(196) 3.8L(231) 6CYL	GWG-07A	1257703
	78-79	3.3L(200) 6CYL	GWG-25A	10048917
	75-79	250 6CYL	GWG-12A	361054
	74-74	250 W/O AC 6CYL	GWG-01A	357261
	70-73	ALL MODELS 6CYL	GWG-01A	357261
	68-69	230,250 W/O AC 6CYL	GWG-01A	357261
	62-67	ALL MODELS 6CYL	GWG-01A	357261
	77-79	ALL MODELS 8CYL	GWG-25A	10048917

GENERAL MOTORS

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
(CHEVROLET) NOVA CHEVY 2 COBALT	69-76	262,305,307,350,400 8CYL	GWG-27A	6272157
	69-76	396,402,454 8CYL	GWG-32A	6272159
	64-68	283,307,327,350 8CYL	GWG-35A	3998206
	68-68	396 8CYL		3990993
	05-09	L4 2198 (134,F,H)	GWG-103A	12591894

GENERAL MOTORS CHEVROLET

(CHEVROLET TRUCK) ASTRO VAN	87-90	2.5L(151) 4CYL	GWG-54A	10181327
	85-86	2.5L(151) 4CYL	GWG-52A	10032022
	90-94	4.3L(262) 4CYL	GWG-62A	10148030
	87-89	4.3L(262) 4CYL	GWG-55A	10077059
	85-86	4.3L(262) 4CYL	GWG-25A	10048917

(CHEVROLET TRUCK) BLAZER-FULL SIZE	78-82	4.1L(250) 6CYL	GWG-12A	361054
	78-79	4.8L(292) 6CYL	GWG-23A	10046305
	75-77	4.1L(250) 6CYL	GWG-16A	361055
	75-77	4.8L(292) 6CYL	GWG-34A	357262
	69-74	250 6CYL	GWG-01A	6258446
	72-74	292 6CYL		6258119
	92-	5.7L(350) 8CYL	GWG-79A	12522036
	89-93	5.7L(350) 8CYL	GWG-55A	10077059
	96-98	4.3L(262) 6CYL	GWG-82A	12528917
	82-91	6.2L(379)(D) 8CYL	GWG-33A	15633465
	92-96	6.2L(379) 8CYL	GWG-83A	12514574
	-			12534417
	-			15633466
	-			23500138
	77-88	5.0L(305) 5.7L(350) 6.6L(400)	GWG-25A	10048917
	96-98	4.3L(262) 6CYL	GWG-82A	12528917
	-		GWG-82A	12532528
	73-86	7.4L(454) 8CYL	GWG-32A	14085852
	72-76	262,305,307,350,400 8CYL	GWG-27A	372334
	69-71	307,350 8CYL	GWG-35A	3957981

(CHEVROLET TRUCK) S-10 BLAZER S-10 PICK-UP	87-93	2.5L(151) 4CYL	GWG-54A	10181327
	85-86		GWG-52A	10032022
	83-85	2.2L(136)(D) 4CYL		94105354
	82-85	1.9L(119) 4CYL	GWG-19A	94239153
	83-84	2.0L(121) 4CYL	GWG-21A	14063641
	87-89	2.8L(173) 6CYL	GWG-72A	10120943
	88-93	4.3L(262) 6CYL	GWG-55A	10077059
	96-98	4.3L(262) 6CYL	GWG-82A	12528917
	-		GWG-82A	12532528
	82-86	2.8L(173) 6CYL	GWG-17A	14105921

(CHEVROLET TRUCK) LLV-LONG LIFE VEHICLE	87-93	2.5L(151) 4CYL	GWG-54A	10049043
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(CHEVROLET TRUCK) LUV	81-83	1.8L(110) SERIES 11,12 4CYL	GWG-14A	94202477
	81-83	2.2L(136) SERIES 11,12 (D)	GWG-38A	94239649
	76-80	1.8L(110) SERIES 5 10 4CYL	GWG-14A	94202477
	72-75	1.8L(110) SERIES 1 4 4CYL	GWG-15A	94022627

(CHEVROLET TRUCK) LIGHT TRUCK 10,15,20,25,30,35 SERIES	66-72	ALL MODELS 4CYL	GWG-01A	3815726
	63-65	(153) P10 SERIES 4CYL	GWG-01A	3815726
	88-93	4.3L(262) EXC P-3 V6CYL	GWG-55A	10077059
	90-93	4.3L(262) P-3 V6CYL	GWG-25A	10048917
	87-87	4.3L(262) G SERIES V6CYL	GWG-55A	10077059
	87-87	4.3L(262) R,V SERIES V6CYL	GWG-25A	10048917
	85-86	4.3L(262) V6CYL	GWG-25A	1048917
	78-89	4.8L(292) L6CYL	GWG-23A	10046305
	78-	4.1L(250) L6CYL	GWG-12A	361054

GENERAL MOTORS

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
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GENERAL MOTORS CHEVROLET

(CHEVROLET TRUCK) LIGHT TRUCK 10,15,20,25,30,35 SERIES	75-77	4.1L(250) L6CYL	GWG-16A	361055
	75-77	4.8L(292) L6CYL	GWG-34A	357262
	73-74	250 L6CYL	GWG-01A	6258446
	65-74	292 L6CYL		6258119
	66-72	ALL MODELS(EXC 292 & G-10'66)	GWG-01A	6258446
	63-65	194(EXC G-10),230 L6CYL	GWG-01A	6258446
	87-93	5.0L(305) C,G,K SERIES 8CYL	GWG-55A	10077059
	87-87	5.0L(305) R,V1,2 8CYL	GWG-25A	10048917
	92-93	5.7L(350) SUBURBAN 8CYL	GWG-55A	10077059
	87-93	5.7L(350) C,G,K SERIES 8CYL	GWG-55A	10077059
	87-93	5.7L(350) P SERIES 8CYL	GWG-25A	10048917
	89-92	5.7L(350) R,V1,2 SERIES 8CYL	GWG-55A	10077059
	91-91	5.7L(350) R3 SERIES 8CYL	GWG-25A	10048917
	89-91	5.7L(350) V3 SERIES 8CYL	GWG-25A	10048917
	89-90	5.7L(350) R2,3 SERIES 8CYL	GWG-25A	10048917
	87-88	5.7L(350) R,V1,2,3 SERIES 8CYL	GWG-25A	10048917
	87-88	5.7L(350) G SERIES 8CYL	GWG-25A	10048917
	88-93	6.2L(379)(D) P SERIES 8CYL	GWG-33A	15633465
	92-93	6.2L(379) 6.5L(395)(D) C,K SERIES 8CYL		
	92-93	6.2L(379) G SERIES 8CYL	GWG-33A	15633465
	88-91	6.2L(379) C,K SERIES 8CYL		12633466
	88-91	6.2L(379)G,R,V SERIES 8CYL	GWG-33A	23500133
	95-97		GWG-99A	12527740
	82-87	6.2L(379)(D) SERIES 8CYL	GWG-33A	23500133
	94-96	7.4L(454) EXC,P3	GWG-70A	12527759
	90-95	7.4L(454) P3 SERIES 8CYL	GWG-32A	14085852
	91-93	7.4L(454) SUBURBAN 8CYL	GWG-70A	10081980
	90-93	7.4L(454) C1,2,K2 SERIES 8CYL	GWG-70A	10081980
	88-93	7.4L(454) C,G,K3 SERIES 8CYL	GWG-70A	10081980
	91-91	7.4L(454) R,V3 SERIES 8CYL	GWG-32A	14085852
	89-90	7.4L(454) R2(SUBURBAN) 8CYL	GWG-70A	10081980
	89-90	7.4L(454) R,V2,3 SERIES(EXC.SUBURBAN) 8CYL	GWG-32A	14085852
	87-88	7.4L(454) R,V2,3 SERIES 8CYL	GWG-32A	14085852
	87-88	7.4L(454) P3 SERIES 8CYL	GWG-32A	14085852
	79-86	7.4L(454) C,K,P2,3 SERIES 8CYL	GWG-32A	14085852
	77-86	5.0L(305) 5.7L(350) 6.6L(400) (GAS ENG) 8CYL	GWG-25A	10048917
	80-81	5.7L(350)(D) C1 W/O AC 8CYL	GWG-36A	231886
	79-81	5.7L(350)(D) C1 W/ AC 8CYL	GWG-26A	556283
	78-78	5.7L(350)(D) C1 8CYL	GWG-26A	556283
	73-78	7.4L(454) INCL.MHC 8CYL	GWG-32A	6272159
	73-76	305,307,350,400 INCL.MHC 8CYL	GWG-27A	372334
	72-72	283,307,327,350 8CYL	GWG-35A	3998206
	72-72	307,350 G10,20,30 SERIES 8CYL W/THREADED POWER STEERING BOSS	GWG-25A	461996
	72-72	307,350 G10,20,30 SERIES 8CYL W/O THREADED POWER STEERING BOSS	GWG-27A	6272157
	68-	396,400 8CYL		14087581
	55-71	265,283,307,327,350 8CYL	GWG-35A	3957981

(CHEVROLET TRUCK) MEDIUM & HEAVY DUTY 40-90 SERIES	74-87	292(50,60 SERIES) INCL.SCHOOL BUS 6CYL	GWG-34A	474056
	73-78	250(50 SERIES) 6CYL	GWG-01A	6258446
	79-90	350(50,60 SERIES) INCL.SCHOOL BUS 8CYL	GWG-31A	6258551
	73-80	350(40,50,60 SERIES) 8CYL	GWG-31A	6258551
	69-80	366,427(40,50,60,65,70,80 SERIES) 8CYL	GWG-41A	6258548
	77-79	400 8CYL	GWG-25A	474029
	62-72	307,327,350(40,50,60 SERIES) 8CYL	GWG-35A	3998206
	66-72	366(40,50,60,80 SERIES) 8CYL	GWG-41A	6258548

GENERAL MOTORS GEO

(GEO) METRO,SPRINT	89-94	1.0L(61) METRO 3CYL	GWG-63A	96064464
	85-88	1.0L(61) SPRINT 3CYL	GWG-57A	96054298

GENERAL MOTORS

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
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GENERAL MOTORS GEO

(GEO) PRIZM	93-96	1.6L(98) 4CYL	GWG-68A	94854791
	93-96	1.8L(109) 4CYL	GWG-71A	94854103
	90-94	1.6L(98) DOHC GSI 4CYL	GWG-58A	94844775
	89-91	1.6L(98) SOHC 4CYL	GWG-50A	94847609
(GEO) SPECTRUM STORM	90-93	1.6L(98) STORM SOHC 4CYL	GWIS-33A	94331664
	92-93	1.8L(112) STORM GSI DOHC 4CYL	GWIS-33A	94331664
	90-91	1.6L(98) STORM GSI DOHC 4CYL	GWIS-32A	94360200
	88-89	1.5L(92) SPECTRUM 4CYL	GWG-65A	94109591
(GEO) TRACKER	89-93	1.6L(98) W/5 THREADED MOUNTING BOSSES 4CYL	GWG-64A	96062832
	89-89	1.6L(98) W/4 THREADED MOUNTING BOSSES 4CYL		96059659

G.M.C. TRUCK

(G.M.C. TRUCK) JIMMY-FULL SIZE	78-82	4.1L(250) 6CYL	GWG-12A	361054
	78-79	4.8L(292) 6CYL	GWG-23A	10046305
	75-77	4.1L(250) 6CYL	GWG-16A	361055
	75-77	4.8L(292) 6CYL	GWG-34A	357262
	69-74	250 6CYL	GWG-01A	6258446
	72-74	292 6CYL		6258119
	89-93	5.7L(350) 8CYL	GWG-55A	10077059
	82-91	6.2L(379)(D) 8CYL	GWG-33A	15633465
	77-88	5.0L(305) 5.7L(350) 6.6L(400) 8CYL	GWG-25A	10048917
	73-86	7.4L(454) 8CYL	GWG-32A	14085852
	72-76	262,305,307,350,400 8CYL	GWG-27A	372334
	69-71	307,350 8CYL	GWG-35A	3957981

(G.M.C. TRUCK) SAFARI VAN	87-90	2.5L(151*E) 4CYL	GWG-54A	10181327
	85-86	2.5L(151) 4CYL	GWG-52A	10032022
	90-94	4.3L(262) 6CYL	GWG-62A	10148030
	87-89	4.3L(262*Z) 6CYL	GWG-55A	10077059
	85-86	4.3L(262) 6CYL	GWG-25A	10048917

(G.M.C. TRUCK) S-15 JIMMY S-15 PICK-UP SONOMA SYCLONE TYPHOON	87-93	2.5L(151*E) 4CYL	GWG-54A	10181327
	85-86	2.5L(151) 4CYL	GWG-52A	10032022
	82-85	1.9L(119) 4CYL	GWG-19A	94239153
	83-85	2.2L(136)(D) 4CYL		94105354
	83-84	2.0L(121) 4CYL	GWG-21A	14063641
	87-89	2.8L(173*R) 6CYL	GWG-72A	10120943
	88-93	4.3L(262) 6CYL	GWG-55A	10077059
	82-86	2.8L(173) 6CYL	GWG-17A	14105921
	87-93	2.5L(151) GM MODELS 4CYL 153 CHEVY ENG.1/4 TON-AMC	GWG-54A	181327
	-	MODEL DJ-SA,VARIOUS MAIL TRUCKS	GWG-01A	2930-848-5960
	-	VARIOUS MODEL PS30842	GWG-01A	2930-848-5960
	-	170,225 1 TON-DODGE MODEL S6-P200 VARIOUS MAIL TRUCKS	GWCR-06A	2930-983-4192
	-	IHC SCOUT,MODEL 800 VARIOUS MAIL TRUCKS	GWIH-01A	2930-073-3473
	-	IHC MODEL CO/1600 VARIOUS MAIL TRUCKS	GWIH-01A	2930-073-3473
	-	1/2 TON-FORD MODEL G100 VARIOUS MAIL TRUCKS	GWG-38A	2930-V99-0039

GENERAL MOTORS OLDSMOBILE

(OLDSMOBILE) CALAIS CUTLASS CALAIS-FWD	87-91	2.3L(140) 4CYL	GWG-66A	22537768
	85-91	2.5L(151) 4CYL	GWG-05A	10159526
	91-91	3.3L(204) 6CYL	GWG-59A	12338842
	89-90	3.3L(204) 6CYL	GWG-44A	12336298
	85-88	3.0L(181) 6CYL	GWG-44A	12336298

(OLDSMOBILE) CIERA CUTLASS	93-94	2.2L(134) 4CYL	GWG-47A	12518443
	87-92	2.5L(151) 4CYL	GWG-49A	10181369
	82-86	2.5L(151) W/O PULLEY 4CYL	GWG-05A	10004073
	82-86	2.5L(151) W/3 GROOVE PULLEY 4CYL	GWG-05AP	
	91-93	3.3L(204) 6CYL	GWG-59A	12338842

GENERAL MOTORS

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
GENERAL MOTORS OLDSMOBILE				
(OLDSMOBIL) CIERA CUTLASS	89-90	3.3L(204) 6CYL	GWG-44A	12336298
	87-89	2.8L(173) 6CYL	GWG-48A	10048949
	86-88	3.8L(231) 6CYL	GWG-44A	12336298
	82-86	2.8L(173) INCL.CANADA EXPORT 6CYL	GWG-04A	10120945
	82-85	3.0L(181) 3.8L(231) 6CYL	GWG-45A	25525147
	82-85	4.3L(260)(D) W/O PULLEY 6CYL	GWG-20A	22519584
	82-85	4.3L(260)(D) W/PULLEY 6CYL	GWG-20AP	
(OLDSMOBIL) CUTLASS CALAIS-RWD	90-91	2.3L(140) 4CYL	GWG-66A	24570464
	89-94	3.1L(189) 6CYL	GWG-48A	10048949
	90-94	3.4L(207) 6CYL	GWG-48A	10048949
	88-89	2.8L(173) 6CYL	GWG-48A	10048949
	77-87	3.8L(231) 4.1L(252) 6CYL	GWG-07A	1260709
	82-84	4.3L(260)(D) 6CYL	GWG-24A	22514839
	75-76	250 6CYL	GWG-12A	361054
	74-74	250 W/O AC 6CYL	GWG-01A	3947042
	74-74	250 W/AC 6CYL		358937
	66-73	250 6CYL	GWG-01A	3947042
	64-65	ALL V-6 MODELS 6CYL	GWG-42A	1396346
	86-88	5.0L(307) 8CYL	GWG-26A	556283
	83-87	5.0L(307) CANADA EXPORT 8CYL	GWG-25A	10048917
	83-85	5.7L(350)(D) 8CYL	GWG-26A	556283
	81-85	4.3L(260) 5.0L(307) W/AC 8CYL	GWG-26A	556283
	81-85	4.3L(260) 5.0L(307) W/O AC 8CYL	GWG-36A	231886
	82-82	5.7L(350)(D) W/AC 8CYL	GWG-26A	556283
	82-82	5.7L(350)(D) W/O AC 1ST DESIGN 8CYL	GWG-36A	231886
	82-82	5.7L(350)(D) W/O AC 2ND DESIGN 8CYL	GWG-26A	556283
	79-81	4.3L(260) 5.7L(350)(D) W/AC 8CYL	GWG-26A	556283
	79-81	4.3L(260) 5.7L(350)(D) W/O AC 8CYL	GWG-36A	231886
	78-81	5.0L(305) 8CYL	GWG-25A	10048917
	77-80	260,350,403 W/AC 8CYL	GWG-26A	556283
	77-80	260,350,403 W/O AC 8CYL	GWG-36A	231886
	77-79	350 8CYL	GWG-25A	10048917
	75-76	260,350,455 W/AC 8CYL	GWG-26A	556283
	75-76	260,350,455 W/O AC 8CYL	GWG-36A	231886
	75-75	400 8CYL	GWG-28A	488377
	73-74	ALL V-8 W/O AC 8CYL	GWG-36A	231886
	71-74	ALL V-8 W/AC 8CYL	GWG-26A	556283
(OLDSMOBIL) FIRENZA	87-88	2.0L(121) 4CYL	GWG-61A	90220568
	87-88	2.0L(121) 4CYL	GWG-47A	10089654
	82-86	1.8L(111) 4CYL	GWG-11A	52273124
	82-86	1.8L(111) 2.0L(121*B.P) 4CYL	GWG-06A	10065240
	87-87	2.8L(173) 6CYL	GWG-48A	10048949
	85-86	2.8L(173) 6CYL	GWG-51A	14089011
(OLDSMOBIL- FULL SIZE) DELTA 88 CUSTOM-CRUISER NINETY-EIGHT TORONADO TROFEO	91-94	3.8L(231) 6CYL	GWG-59A	12338842
	86-	3.0L(181) 3.8L(231) 6CYL	GWG-44A	12326453
	85-85	3.0L(181) 98 REGENCY 6CYL	GWG-45A	25525147
	85-85	3.8L(231) 98 REGENCY W/FWD 6CYL	GWG-45A	25525147
	82-85	3.8L(231) 4.1L(252) EXC.1985,98 REGENCY W/FWD 6CYL	GWG-07A	25527536
	85-85	4.3L(260)(D) W/O PULLEY 6CYL	GWG-20A	22519584
	85-85	4.3L(260)(D) W/PULLEY 6CYL	GWG-20AP	
	77-81	3.8L(231) 6CYL	GWG-07A	25527536
	91-92	5.0L(305) 5.7L(350) 8CYL	GWG-69A	10174846
	86-90	5.0L(307) 8CYL	GWG-26A	556283
	83-85	5.7L(350)(D) 8CYL	GWG-26A	556283
	82-85	4.3L(260) 5.0L(307) W/AC 8CYL	GWG-26A	556283
	82-85	4.3L(260) 5.0L(307) W/O AC 8CYL	GWG-36A	231886
	84-84	5.0L(307) 98 W/RWD 8CYL	GWG-26A	556283
	81-82	4.4L(267) 5.0L(305) CANADA EXPORT 8CYL	GWG-25A	10048917

GENERAL MOTORS

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
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GENERAL MOTORS OLDSMOBILE

(OLDSMOBILE- FULL SIZE) DELTA 88 CUSTOM-CRUISER NINETY-EIGHT TORONADO TROFEO	82-82	5.7L(350)(D) W/AC 8CYL	GWG-26A	556283
	82-82	5.7L(350)(D) W/O AC 1ST DESIGN 8CYL	GWG-36A	231886
	82-82	5.7L(350)(D) W/O AC 2ND DESIGN 8CYL	GWG-26A	556283
	81-81	4.3L(260) 5.7L(350)(D) W/AC 8CYL	GWG-26A	556283
	81-81	4.3L(260) 5.7L(350)(D) W/O AC 8CYL	GWG-36A	231886
	77-81	260,307,350 N-DIESEL,R,403 W/AC 8CYL	GWG-26A	556283
	77-81	260,307,350 N-DIESEL,R,403 W/O AC 8CYL	GWG-36A	231886
	79-79	301 DELTA 88 8CYL	GWG-28A	12309445
	79-79	350 DELTA 88 8CYL	GWG-07A	1257703
	77-77	350 8CYL	GWG-25A	10048917
	75-76	260,350,455 W/AC 8CYL	GWG-26A	556283
	75-76	260,350,455 W/O AC 8CYL	GWG-36A	231886
	75-75	400 8CYL	GWG-28A	12309445
	73-74	ALL V-8 W/O AC 8CYL	GWG-36A	231886
	71-74	ALL V-8 W/AC 8CYL	GWG-26A	556283

(OLDSMOBILE) OMEGA STARFIRE	80-84	2.5L(151) W/O PULLEY 4CYL	GWG-05A	10004073
	-	W/3 GROOVE PULLEY 4CYL	GWG-05AP	
	78-80	2.5L(151) STARFIRE 4CYL	GWG-12A	361054
	81-84	2.8L(173) 6CYL	GWG-04A	14101304
	75-80	3.8L(231) 6CYL	GWG-07A	1260709
	73-76	250 EXC.1974 W/AC 6CYL	GWG-01A	357261
	80-84	2.5L(151) W/O PULLEY 4CYL	GWG-05A	10004073
	-	W/3 GROOVE PULLEY 4CYL	GWG-05AP	
	78-80	2.5L(151) STARFIRE 4CYL	GWG-12A	361054
	81-84	2.8L(173) 6CYL	GWG-04A	14101304
	75-80	3.8L(231) 6CYL	GWG-07A	1260709
	73-76	250 EXC.1974 W/AC 6CYL	GWG-01A	357261
	74-74	250 W/AC 6CYL		358937
	77-79	5.0L(305) 5.7L(350) OMEGA 8CYL	GWG-25A	10048917
	77-79	5.0L(305) STARFIRE 8CYL		359913
	75-76	4.3L(260) W/AC 8CYL	GWG-26A	556283
	75-76	4.3L(260) W/O AC 8CYL	GWG-36A	231886
	75-76	5.7L(350) 8CYL	GWG-07A	1260709
	73-74	ALL V-8 W/AC 8CYL	GWG-26A	556283
	73-74	ALL V-8 W/O AC 8CYL	GWG-36A	231886

(OLDSMOBILE) SILOUETTE	90-93	3.1L(189) 6CYL	GWG-48A	10174858
	92-93	3.8L(231) 6CYL	GWG-59A	12338842

(OLDSMOBILE TRUCK) BRAVADA	93-94	4.3L(262) 6CYL	GWG-62A	12522031
	91-92	4.3L(262) 6CYL	GWG-55A	10077059
	02-04	2.8L	GWG-101A	12620226

GENERAL MOTORS PONTIAC

(PONTIAC) FIERO	-	2.5L(151) 4CYL	GWG-05A	10004073
	85-88	2.8L(173) 6CYL	GWG-04A	10054510

(PONTIAC) FIREBIRD TRANS-AM	85-86	2.5L(151) 4CYL	GWG-52A	10032022
	82-84	2.5L(151) 4CYL	GWG-12A	10120938
	93-94	3.4L(205) 6CYL	GWG-60A	12520914
	90-92	3.1L(189) 6CYL	GWG-60A	10120944
	87-89	2.8L(173) 6CYL	GWG-60A	10120944
	89-89	3.8L(231) 6CYL	GWG-07A	25527536
	85-86	2.8L(173) 6CYL	GWG-04A	10120945
	82-84	2.8L(173) 6CYL	GWG-17A	14105921
	77-81	3.8L(231) 6CYL	GWG-07A	1260709
	75-76	250 6CYL	GWG-12A	361054
	70-74	250 W/O AC 6CYL	GWG-01A	357261
	74-74	250 W/AC 6CYL		358937
	93-94	5.7L(350) 8CYL		12518277
	88-92	5.0L(305) 5.7L(350) 8CYL	GWG-55A	10077059

GENERAL MOTORS

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
GENERAL MOTORS PONTIAC				
(PONTIAC) FIREBIRD TRANS-AM	77-87	5.0L(305) 8CYL	GWG-25A	10048917
	87-87	5.7L(350) 8CYL	GWG-25A	10048917
	77-81	4.3L(265) 4.9L(301) 8CYL	GWG-28A	12309445
	78-79	5.7L(350) 8CYL	GWG-25A	10048917
	77-79	350,403 W/AC 8CYL	GWG-26A	556283
	77-79	350,403 W/O AC 8CYL	GWG-36A	231886
	77-79	400 8CYL	GWG-28A	12309445
	77-77	350 8CYL	GWG-28A	12309445
	71-76	350,400,455 8CYL	GWG-28A	12309445
	70-70	ALL V-8(EXC 307) 8CYL	GWG-28A	12309445
	69-69	ALL V-8(W/CASTING NO.9796351) 8CYL		9797581
(PONTIAC FULL-SIZE) BONNEVILLE CATALINA SAFARI	91-94	3.8L(231) 6CYL	GWG-59A	12338842
	87-90	3.8L(231) 6CYL	GWG-44A	12326453
	86-86	4.3L(262) 6CYL	GWG-25A	10048917
	82-86	3.8L(231) 4.1L(252) 6CYL	GWG-07A	25527536
	80-81	3.8L(231) 6CYL	GWG-07A	25527536
	86-89	5.0L(307) 8CYL	GWG-26A	556283
	83-86	5.0L(305) 8CYL	GWG-25A	10048917
	83-84	5.7L(350)(D) 8CYL	GWG-26A	556283
	81-82	5.7L(350)(D) W/AC 8CYL	GWG-26A	556283
	82-82	5.7L(350)(D) W/O AC 8CYL 1ST DESIGN 8CYL	GWG-36A	231886
	82-82	5.7L(350)(D) W/O AC 8CYL 2ND DESIGN 8CYL	GWG-26A	556283
	77-81	4.3L(265) 4.9L(301) 8CYL	GWG-28A	12309445
	77-81	307,350,403 W/AC 8CYL	GWG-26A	556283
	77-81	307,350,403 W/O AC 8CYL	GWG-36A	231886
	77-80	301,400 8CYL	GWG-28A	12309445
	78-79	350 8CYL	GWG-07A	1257703
	77-77	350 8CYL	GWG-28A	12309445
	71-76	350,400,455 8CYL	GWG-28A	12309445
	69-70	ALL V-8(EXC 307) 8CYL	GWG-28A	12309445
	63-68	ALL V-8 8CYL		9784281
(PONTIAC) GRANDO AM	88-94	2.3L(138) 4CYL	GWG-66A	24570464
	85-91	2.5L(151) 4CYL	GWG-05A	10159526
	87-89	2.0L(122) 4CYL	GWG-61A	90220568
	92-93	3.3L(204) 6CYL	GWG-59A	12338842
	85-87	3.0L(181) 6CYL	GWG-44A	25527537
	79-79	231 6CYL	GWG-07A	1260709
	78-80	301 8CYL	GWG-28A	12309445
	78-80	305 8CYL	GWG-25A	10048917
	02-05	L4 2198 (134,F)	GWG-103A	24439799
(PONTIAC) GRANDO PRIX	90-91	2.3L(140) 4CYL	GWG-66A	22537768
	91-94	3.4L(204) 6CYL	GWG-48A	10048949
	88-94	3.1L(189) 6CYL	GWG-48A	10048949
	88-89	2.8L(173) 6CYL	GWG-48A	10048949
	82-87	3.8L(231) 4.1L(252) 6CYL	GWG-07A	1260709
	86-87	4.3L(262) 6CYL	GWG-25A	10048917
	83-87	5.0L(305) 8CYL	GWG-25A	10048917
	83-84	5.7L(350)(D) 8CYL	GWG-26A	556283
	82-82	5.7L(350)(D) W/AC 8CYL	GWG-26A	556283
	82-82	5.7L(350)(D) W/O AC 1ST DESIGN 8CYL	GWG-36A	231886
	82-82	5.7L(350)(D) W/O AC 2ND DESIGN 8CYL	GWG-26A	556283
	77-81	4.3L(265) 4.9L(301) 8CYL	GWG-28A	488377
	77-81	350(D),403 W/AC 8CYL	GWG-26A	556283
	77-81	350(D),403 W/O AC 8CYL	GWG-36A	231886
	78-80	305 8CYL	GWG-25A	10048917
	77-77	350,400 8CYL	GWG-28A	488377
	74-76	350,400,455 8CYL	GWG-28A	488377
	69-73	ALL V-8(EXC 307) 8CYL	GWG-28A	488377

GENERAL MOTORS

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
GENERAL MOTORS PONTIAC				
(PONTIAC) LEMANS TEMPEST	91-93	1.6L(98) 4CYL		90325660
	88-90	1.6L(98) 4CYL	GWG-46A	12395558
	89-90	2.0L(121) 4CYL	GWG-61A	90220568
	77-81	3.8L(231) 6CYL	GWG-07A	1260709
GENERAL MOTORS PONTIAC				
(PONTIAC) LEMANS TEMPEST	75-76	250 6CYL	GWG-12A	361054
	70-74	250 W/O AC 6CYL	GWG-01A	3947042
	74-74	250 W/AC 6CYL		358937
	77-81	265,301 8CYL	GWG-28A	488377
	77-80	305,350 8CYL	GWG-25A	10048917
	77-77	350,400 8CYL	GWG-28A	488377
	76-77	260,350,403 W/AC 8CYL	GWG-26A	556283
	76-77	260,350,403 W/O AC 8CYL	GWG-36A	231886
	74-76	350,400,455 8CYL	GWG-28A	488377
	69-73	ALL V-8(EXC 307) 8CYL	GWG-28A	488377
	69-69	ALL V-8 W/CASTING NO.9796351 8CYL		9784281
(PONTIAC) PARISIENNE	83-86	3.8L(229) 4.3L(262) 6CYL	GWG-25A	10048917
	84-85	3.8L(231) INCL.CANADA EXPORT 6CYL	GWG-07A	1260709
	86-86	5.0L(307) 8CYL	GWG-26A	556283
	83-86	5.0L(305) 5.7L(350) INCL.EXPORT 8CYL	GWG-25A	10048917
	83-85	5.7L(350)(D) 8CYL	GWG-26A	556283
(PONTIAC) PHOENIX, VENTURA	80-84	2.5L(151) W/O PULLEY 4CYL	GWG-05A	10004073
	80-84	2.5L(1519 W/3 GROOVE PULLEY 4CYL	GWG-05AP	
	80-84	2.8L(173) 6CYL	GWG-04A	14101304
	77-79	231 6CYL	GWG-07A	1247079
	75-76	250 6CYL	GWG-12A	361054
	71-74	250 W/O AC 6CYL	GWG-01A	3947042
	74-74	250 W/AC 6CYL		358937
	77-79	305,350 8CYL	GWG-25A	10048917
	77-77	301 8CYL	GWG-28A	12309445
	77-77	350 W/AC 8CYL	GWG-26A	556283
	77-77	350 W/O AC 8CYL	GWG-36A	231886
	75-76	350 8CYL	GWG-07A	1247079
	75-76	260 W/AC 8CYL	GWG-26A	556283
	75-75	260 W/O AC 8CYL	GWG-36A	231886
	70-74	ALL V-8(EXC 307) 8CYL	GWG-28A	488377
	71-74	307 8CYL	GWG-27A	6272157
(PONTIAC) SUNBIRD ASTRE J2000	92-94	2.0L(122) 4CYL	GWG-11A	12511062
	87-91	2.0L(122) 4CYL	GWG-61A	90220568
	82-86	1.8L(112) 2.0L(122) 4CYL	GWG-06A	10065240
	82-86	1.8L(112) 4CYL	GWG-11A	52273124
	77-80	2.5L(151) 4CYL	GWG-12A	361054
	91-93	3.1L(189) 6CYL	GWG-48A	10048949
	76-80	231 6CYL	GWG-07A	1247079
(PONTIAC) T1000	81-87	1.6L(98) 8CYL	GWG-03A	10077051
(PONTIAC) 6000	87-91	2.5L(151) 4CYL	GWG-49A	10181369
	82-86	2.5L(151) W/O PULLEY 4CYL	GWG-05A	10004073
	-	W/3 GROOVE PULLEY 4CYL	GWG-05AP	
	87-91	2.8L(1739 3.1L(189)6CYL	GWG-48A	10048949
	82-86	2.8L(173) 6CYL	GWG-04A	10120945
	82-85	4.3L(260)(D) W/O PULLEY 6CYL	GWG-20A	22519584
(PONTIAC) TRANS SPORT	82-85	4.3L(260)(D) W/PULLEY 6CYL	GWG-20AP	
	90-94	3.1L(189) 6CYL	GWG-48A	10174858
	92-94	3.8L(231) 6CYL	GWG-59A	12338842
	-	HIGH PERFORMANCE WP		
	-	GWG-56A ALUMINUM BODY OF GWG-35A		

GENERAL MOTORS

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
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GM(SOUTH AFRICA) REGIONAL ITEMS

GM(BRASIL)

CHEVETTE	76-80	W/O THERMOSTAT	GWG-67A	9306722
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GM(SOUTH AFRICA) REGIONAL ITEMS

CHEVETTE	62-65	CHEVY II 6CYL	GWG-08A	3286641
	-	2300/2500cc CHEVROLET	GWG-08A	3286641
	72-	3800/4100cc CHEVROLET	GWG-10A	2650866
	-	W/VISCOUS FAN CLUTCH		
	79-	4100cc COMMODORE 6CYL	GWG-08A	3286641
	69-77	2300/2500cc CHEVROLET W/AC	GWG-09A	3427007
	71-75	2500cc FIRENZA	GWG-08A	3286641
	75-	1900 HATCH,ASCONA	GWG-08A	3286641
	69-77	2300/2500cc KOMMANDO W/AC	GWG-09A	3427007
	79-	2000cc REKORD	GWG-08A	3286641

SATURN

SATURN AURA ION LS,LW	-	1.9L(116) 4CYL	GWG-80A	21000535
	-	1.9L(116) 4CYL	GWG-81A	21006276
	07-09	L4 2400cc (145,B,5)	GWG-103A	12585226
	04-07	L4 2000cc (122,P)	GWG-103A	12591894
	00-	L4 2198cc (134,F)	GWG-103A	24439799
	01-03	L4 2198cc (134,F)	GWG-103A	24446365

SIERRA

SIERRA SILVERADO	01-03	1500HD	GWG-100A	12456113
	01-06	2500HD	GWG-100A	12458935
	01-	C3	GWG-100A	12559271
	99-06		GWG-100A	12456113
	01-05		GWG-97A	94011694

CHEVROLET

CAPTIVA	06.10-	2.0L	GWG-94A	96440224
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HOLDEN

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
GM(AUSTRALIA)HOLDEN				
APOLLO	89-93	2.0L(3SF/3SFE)ENG JK,JL	GWT-77A	16110-79025
	93-94	2.2L(5S-FE)ENG JM	GWT-77A	16110-79025
	93-94	3.0L(3VZ-FE)ENG JM	GWT-71A	16100-69206
ASTRA	84-87	1.5L(E15)1.6L(E16S)ENG LB,LC	GWN-24A	21010-01M25
	87-89	1.6L(16LF)1.8L(LV6)ENG LD	GWG-11A	90106656
BARINA	85-89	1.3L(G13A)ENG MB,ML MANUAL	GWS-08A	17400-82811
	89-94	1.3L(G13B)ENG ML AUTO MF,MH	GWS-15A	17400-82820
CALIBRA	91-94	2.0L(LE4)ENG SOHC YE C20N	GWG-61A	90220568
CAMIRA	82-87	1.6L/1.8L(L16/LJ9/LV6)ENG JB,JD	GWG-11A	90106656
	87-89	2.0L(LE4)ENG JE	GWG-61A	90220568
COMMODORE	80-81	1.9L(1X)ENG VC STARFIRE	GWHD-01A	9943171
	81-84	1.9L(1X)ENG VH STARFIRE	GWHD-06A	92014082
	78-81	173/202 ENG 6CYL VB,VC	GWHD-03A	2808367
	81-86	173/202 ENG 6CYL VH,VK	GWHD-06A	92014082
	86-88	3.0L(RB30E)ENG VL	GWHD-08A	2101042L00
	88-90	3.8L HIGHER BOLT VN1	GWG-44A	25529891
	88-91	3.8L LOWER BOLT VN	GWG-59A	25534909
	91-94	3.8L VP VG VR	GWG-59A	25534909
	80-82	4.2L(253)/5.0L(308)ENG VB,VC VH(FLANGE FACE-BACKPLATE 94MM)	GWHD-04/05A	92009639
	81-88	4.2L(253)/5.0L(308)ENG VK,VL VH(FLANGE FACE-BACKPLATE 110MM)	GWHD-07A	92014563
	88-94	4.2L(253)/5.0L(308)ENG VN,VP,VR	GWHD-07A	92014563
	92-94	3.8L VQ II	GWG-59A	25534909
	94-94	3.8L VR	GWG-59A	25534909
	90-94	5.0L VQ I & II,VR	GWHD-07A	92014563
GEMINI	75-85	1.6L(G161Z)TX,TC,TD,TE,TF,TG	GWG-14A	94202477
	81-84	1.8L(4FB1)(D)TE,TF,TG	GWIS-19A	8-94118-501-0
HOLDEN	63-69	149/186 RED ENG EH-HK,GD,FR	GWHD-02A	92008364
	69-74	161/173/186/202 RED ENG HT,HG,HQ	GWHD-03A	2808367
	74-78	173/202 RED ENG HJ,HX,HZ W/O AC	GWHD-01A	9943171
	77-85	202 RED ENG HZ,WB W/AC	GWHD-06A	92014082
	68-74	307/327/350 CHEV ENG K,HT,HG,HQ	GWG-35A	3998206
	68-69	307 CHEV ENG HK		TBA
	70-80	350 CHEV ENG HG,HT,HQ,HJ,HX,HZ		TBA
	69-70	4.2L(253)/5.0L(308)HT,HG	GWHD-04/05A	92009639
	69-85	4.2L(253)/5.0L(308)HQ,HZ WB(FLANGE FASE TO BACKPLATE 94MM)	GWHD-04/05A	92009639
	80-85	4.2L(253)/5.0L(308) WB(FLANGE FASE TO BACKPLATE 110MM)	GWHD-07A	92014563
NOVA	89-94	1.4L(4A-FC)1.6L(6A-FC)ENG LE,LF	GWT-78A	16110-19085
	91-94	1.6L(4A-FE)LF	GWT-78A	16110-19085
PUAZZA	86-87	2.0L(4ZC1)	GWIS-29A	8-94021-775-0
SUNBIRD	77-80	1.9L OPEL ENG LX,UC	GWO-01A	1334035
	78-80	1.9L(1X)ENG UC STARFIRE	GWHD-01A	9943171
TORANA	67-75	1.2L/1.3L HB,LC,LJ,TA	GWBF-01A	8850015
	74-78	1.9L OPEL ENG LH	GWO-01A	1334035
	70-79	138/173/186/202 RED ENG LC,LJ,TA,LH,LX,UC W/AC	GWHD-03A	2808367
	74-80	173/202 RED ENG LH,LX,UC W/O AC	GWHD-01A	9943171
	74-78	4.2L(253)/5.0L(308) LH,LX	GWHD-04/05A	92009639

HOLDEN

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
GM(AUSTRALIA)HOLDEN				
DROVER	85-87	1.3L(G13A)	GWS-08A	17400-82811
JACKAROO	84-85	2.0L(G200Z)UBS13	GWG-14A	94202477
	81-88	2.2L(C223)(D)UBS521/522	GWG-38A	9425251
	84-88	2.2L(C223T)(D)UBS52	GWG-38A	9425251
	85-88	2.3L(4ZD1)UBS16	GWIS-22A	8-94376-846-0
	88-92	2.6L(4ZE1)UBS17		8-94332-638-0
	88-92	2.8L(C4J1-T)UBS55	GWIS-25A	8-97018-560-0
SCURRY	85-87	1.0L(F10A)	GWS-11A	17400-78821
SHUTTLE	82-87	1.8L(4ZB1)WFR1		8-94232-082-0
	87-91	1.9L(4ZC1)WFR1	GWIS-29A	8-94021-775-0
	82-87	2.0L(4FC1)(D)WFR5	GWIS-28A	8-97010-201-9

HONDA

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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ACCORD

CA1	1800	A18A	GAS	85.06-89.09	GWHO-23A	19210-PH1-515
CA2	1800	B18A	GAS	85.06-89.09	GWHO-30A	19210-PH3-305
CB1	1800	F18A	GAS	89.09-93.09	GWHO-28A	19200-P0A-003
CB2	1800	F18A	GAS	89.09-91.07	GWHO-28A	19200-P0A-003
CD3	1800	F18B	PFI	93.09-97.09	GWHO-28A	19200-P0A-003
CF3	1800	F18B	PFI	97.08-02.10	GWHO-28A	19200-P0A-003
CA3	2000	B20A	PFI	85.06-89.09	GWHO-30A	19210-PH3-305
CA5	2000	A20A	GAS	87.05-89.09	GWHO-23A	19210-PH1-515
CA6	2000	A20A3	GAS	88.04-90.04	GWHO-23A	19210-PH1-515
CB3	2000	F20A	GAS	89.09-93.09	GWHO-28A	19200-P0A-003
CB3/4	2000	F20A	PFI	89.09-93.09	GWHO-28A	19200-P0A-003
CB3/4	2000	F20A	PFI	89.09-93.09		19200-PT2-013
CB4	2000	F20A	GAS	89.09-92.05	GWHO-28A	19200-P0A-003
CB6	2000	F20A	PFI	90.04-94.02		19200-PT2-013
CD4	2000	F20B	PFI	93.09-97.09	GWHO-28A	19200-P0A-003
CF4	2000	F20B	PFI	97.08-00.06	GWHO-28A	19200-P0A-003
CF4	2000	F20B	PFI	97.08-02.10	GWHO-33A	19200-P13-003
CF5	2000	F20B	PFI	97.08-02.10	GWHO-28A	19200-P0A-003
CL3	2000	F20B	PFI	00.06-02.10	GWHO-28A	19200-P0A-003
CL7	2000	K20A	PFI	02.10-08.12		19200-RBC-013
CL7/8	2000	K20A	PFI	02.10-08.12	GWHO-50A	19200-RFE-003
CM1	2000	K20A	PFI	04.10-08.12	GWHO-50A	19200-RFE-003
CB7	2200	F22A	PFI	92.01-94.02	GWHO-28A	19200-P0A-003
CB9	2200	F22A	PFI	91.04-94.02	GWHO-28A	19200-P0A-003
CD5	2200	F22B	PFI	93.09-97.09	GWHO-28A	19200-P0A-003
CD6	2200	H22A	PFI	93.09-97.09	GWHO-33A	19200-P13-003
CD7	2200	F22B	PFI	94.02-96.12	GWHO-28A	19200-P0A-003
CD8	2200	H22A	PFI	94.02-96.12	GWHO-33A	19200-P13-003
CE1	2200	F22B	PFI	94.02-97.09	GWHO-28A	19200-P0A-003
CF2	2200	H22A	PFI	96.08-97.09	GWHO-33A	19200-P13-003
CL1	2200	H22A	PFI	00.06-02.10	GWHO-33A	19200-P13-003
CF6/7	2300	F23A	PFI	97.10-02.11	GWHO-28A	19200-P0A-003
CH9	2300	H23A	PFI	98.12-02.11	GWHO-33A	19200-P13-003
CL2	2300	H23A	PFI	00.06-02.11	GWHO-33A	19200-P13-003
CL9	2400	K24A	PFI	02.10-08.12	GWHO-50A	19200-RFE-003
CM2/3	2400	K24A	PFI	02.11-08.12	GWHO-50A	19200-RFE-003
CU2,CW2	2400	K24A	PFI	08.12-14.01		19200-R40-A01

ACCORD/ASCOT/INSPIRE

AC	1600	EY		83.06-86.04	GWHO-21A	19200-PD2-000
SJ	1600	EF		76.04-78.09	GWHO-12AP	19110-671-325
SV	1600	EF		80.02-83.06	GWHO-10A	19200-PB2-000
AD	1800	ES		83.06-86.04	GWHO-21A	19200-PD2-000
CA1	1800	A18A		85.06-89.09	GWHO-23A	19200-PH1-000
CA2	1800	B18B		85.06-89.09	GWHO-30A	19200-PH3-000
CB1/2	1800	F18A		89.09-94.12	GWHO-28A	19200-PT0-003
SM	1800	EK		78.09-79.07	GWHO-16AP	19110-689-325
SM	1800	EK		79.07-82.10	GWHO-10A	19200-PB2-000
SZ	1800	EK		81.09-84.05	GWHO-08A	19200-PC1-000
CA3	2000	B20A		85.06-89.09	GWHO-30A	19200-PH3-000
CA5	2000	A20A		87.05-89.09	GWHO-23A	19200-PH1-000
CA6	2000	A20A3		92.04-94.12	GWHO-23A	19200-PH1-000
CB3	2000	F20A	DOHC	89.09-94.12		19200-PT2-003
CB3	2000	F20A	SOHC	89.09-94.12	GWHO-28A	19200-PT0-003
CB4	2000	F20A		92.11-94.12		19200-PT2-003
CB5	2000	G20A		89.09-94.12		19200-PV0-003
CB5	2000	G20A		89.09-94.12		19200-PV1-A01
CB6	2000	F20A		92.01-94.12	GWHO-28A	19200-PT0-003
CC3	2000	G20A		92.11-94.12		19200-PV1-A01
CB7/9	2200	F22A		92.01-94.12	GWHO-28A	19200-PT0-013
CD6	2200	H22A		93.09-94.12	GWHO-33A	19200-P13-000
CC2	2300	G25A		92.11-94.12		19200-PV1-A01

HONDA

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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ACCORD/ASCOT/INSPIRE

CC4/5	2300	H23A		92.11-94.12	GWHO-34A	19200-P14-A00
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ACTY

HA1/2,HH1/2	550	E05A		88.05-90.03	GWHO-42A	19200-PN3-003
HA1/2,HH1/2	550	E05A	GAS	88.05-90.03	GWHO-42A	19200-PN3-013
TA,TC,VD,VH	550	EH		77.07-88.05	GWHO-18A	19200-679-033
HA3/4	660	E07A	GAS	90.02-99.07	GWHO-41A	19200-P36-000
HA3/4,HH3/4	660	E07A		90.01-94.12	GWHO-41A	19200-PZ3-000
HA5	660	E07A	GAS	95.12-99.05	GWHO-41A	19200-P36-000
HA6/7	660	E07Z	PFI	99.05-12.01	GWHO-45A	19210-PFB-003
HA8/9	660	E07Z	PFI	09.12-12.01	GWHO-45A	19210-PFB-003
HH3	660	E07A	PFI	95.12-99.06	GWHO-41A	19200-P36-000
HH3/4	660	E07A	GAS	90.02-99.06	GWHO-41A	19200-P36-000
HH5/6	660	E07Z	PFI	99.06-14.01	GWHO-45A	19210-PFB-003

AIRWAVE

GJ1/2	1500	L15A	PFI	05.04-14.01	GWHO-47A	19200-PWA-003
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ASCOT

CB1	1800	F18A	GAS	89.09-93.10	GWHO-28A	19200-P0A-003
CB2	1800	F18A	GAS	89.09-91.07	GWHO-28A	19200-P0A-003
CB3/4	2000	F20A	GAS	89.09-91.07	GWHO-28A	19200-P0A-003
CB3/4	2000	F20A	PFI	89.09-97.09	GWHO-28A	19200-P0A-003
CB3/4	2000	F20A	PFI	89.09-97.09		19200-PT2-013
CE4/5	2000	G20A	PFI	93.10-97.09	GWHO-44A	19200-P1R-003
CC4/5	2300	H23A	PFI	92.03-97.09	GWHO-34A	19200-P14-A01

AVANCIER

TA1/2	2300	F23A	PFI	99.09-03.06	GWHO-28A	19200-P0A-003
TA3	3000	J30A	PFI	99.09-03.06	GWHO-57A	19200-P8A-A02
TA4	3000	J30A	PFI	00.02-03.06	GWHO-57A	19200-P8A-A02

BALLAD CR-X

AE,AJ	1300	EV		83.09-85.09	GWHO-22A	19200-PE0-010
AJ	1300	EV		85.09-87.09	GWHO-37A	19200-PE0-515
AJ	1300	EV		85.09-87.09	GWHO-22A	19200-PE0-660
SS	1300	EJ		79.06-83.09	GWHO-07A	19200-PA0-010
AF	1500			85.09-87.09		
AF,AK	1500	EW		83.06-87.09	GWHO-22A	19200-PE0-010
EF6	1500	D15B		87.09-94.12	GWHO-26A	19200-PM6-004
ST	1500	EM		79.06-83.09	GWHO-08A	19200-PA6-030
AS	1600	ZC		84.10-87.09	GWHO-24A	19200-PG6-000
EF7	1600	ZC		87.09-94.12	GWHO-26A	19200-PM3-004
EF8	1600	B16A		89.09-94.12	GWHO-26A	19200-PM3-013

BEAT

PP1	660	E07A		91.05-94.12	GWHO-41A	19200-P36-000
PP1	660	E07A	PFI	91.05-96.01	GWHO-41A	19200-P36-000

CAPA

GA4	1500	D15B	PFI	98.04-02.01	GWHO-39A	19200-P2A-003
GA6	1500	D15B	PFI	99.09-02.01	GWHO-39A	19200-P2A-003

CITY

AA,FA,VF	1200	ER		81.10-86.10	GWHO-07A	19200-PA5-000
GA1	1200	D12A	GAS	86.09-88.09		19200-PJ7-003
GA1	1200	D12A	GAS	88.10-94.06		19200-PJ7-J01
GA2	1300	D13C	GAS	88.10-94.06		19200-PJ7-J01
GA2	1300	D13C	PFI	88.10-94.06		19200-PJ7-J01
GA2	1300	D13C		88.10-94.12		19200-PJ7-003
GA1		D12A		86.10-94.12		19200-PJ7-003

HONDA

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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CIVIC

SB1	1200	EB1		72.07-76.05	GWHO-13AP	19110-634-325
SC,SF	1200	EE		76.05-78.06	GWHO-14AP	19110-637-325
AG,AJ	1300	EV		85.09-87.09	GWHO-37A	19200-PE0-515
AG,AJ,VJ	1300	EV		83.10-87.09	GWHO-22A	19200-PE0-010
EF1	1300	D13B	GAS	87.09-92.10	GWHO-26A	19200-P01-003
EF1	1300	D13B	GAS	87.09-92.10	GWHO-26A	19200-P01-004
EF1,EG3,EG7,EY2	1300	D13B		87.09-94.12	GWHO-26A	19200-PM3-004
EG3	1300	D13B	GAS	91.08-95.09	GWHO-26A	19200-P01-003
EG3	1300	D13B	GAS	91.08-95.09	GWHO-26A	19200-P01-004
EG7	1300	D13B	GAS	91.08-95.08	GWHO-26A	19200-P01-003
EG7	1300	D13B	GAS	91.08-95.08	GWHO-26A	19200-P01-004
EK2	1300	D13B	PFI	95.08-00.09	GWHO-39A	19200-P2A-003
ES9	1300	LDA	PFI	01.11-05.05		19200-RMX-003
EY2	1300	D13B	GAS	87.10-96.03	GWHO-26A	19200-P01-003
EY2	1300	D13B	GAS	87.10-96.03	GWHO-26A	19200-P01-004
FD3	1300	LDA	PFI	05.11-14.01		19200-RMX-003
SL,SS,VE	1300	EJ		79.06-83.09	GWHO-07S	19200-PA-0-010
VC	1300	EN		79.09-91.10	GWHO-11A	19200-PA1-030
AH,AK,AR,SG,SH	1500	EW		84.11-87.09	GWHO-22A	19200-PE0-660
AH,AK,AR,SG,SH	1500	EW		85.09-87.09	GWHO-37A	19200-PE0-515
EF2	1500	D15B	GAS	87.09-96.03	GWHO-26A	19200-P01-003
EF2	1500	D15B	GAS	87.09-96.03	GWHO-26A	19200-P01-004
EF2/4,EY4	1500	D15B		87.09-94.12	GWHO-26A	19200-PM3-004
EF4	1500	D15B	GAS	87.09-89.09	GWHO-26A	19200-P01-003
EF4	1500	D15B	GAS	87.09-89.09	GWHO-26A	19200-P01-004
EG4	1500	D15B	GAS	91.08-95.09	GWHO-26A	19200-P01-003
EG4	1500	D15B	GAS	91.08-95.09	GWHO-26A	19200-P01-004
EG4	1500	D15B	PFI	91.08-95.09	GWHO-32A	19200-P08-003
EG4	1500	D15B	9exc SOHC	92.08-94.12	GWHO-26A	19200-PM3-004
EG5	1500	D15B	8exc SOHC	92.08-94.12	GWHO-26A	19200-PM3-004
EG5/8	1500	D15B	SOHC	92.08-94.12	GWHO-32A	19200-P08-004
EG8	1500	D15B	GAS	91.08-95.08	GWHO-26A	19200-P01-003
EG8	1500	D15B	GAS	91.08-95.08	GWHO-26A	19200-P01-004
EG8	1500	D15B	PFI	91.08-95.08	GWHO-32A	19200-P08-003
EK3	1500	D15B	PFI	95.08-00.09	GWHO-39A	19200-P2A-003
EK3	1500	D15B	PFI	95.08-00.09	GWHO-49A	19200-P2J-005
ES1/2	1500	D15B	PFI	00.09-05.09	GWHO-55A	19200-PLC-003
EU1/2	1500	D15B	PFI	00.09-03.09	GWHO-55A	19200-PLC-003
EY4	1500	D15B	GAS	92.10-96.03	GWHO-26A	19200-P01-003
EY4	1500	D15B	GAS	92.10-96.03	GWHO-26A	19200-P01-004
SE,VB	1500	EC		74.09-78.09	GWHO-13AP	19110-634-305
SG	1500	ED		74.04-75.08	GWHO-13AP	19110-634-305
SG,SH	1500	ED		75.08-79.07	GWHO-15AP	19110-657-325
SR,ST,WD	1500	EM		79.06-83.09	GWHO-08A	19200-PA6-030
VB	1500	EC		78.10-79.09	GWHO-15AP	19110-657-335
	1500			95.01-96.12	GWHO-39A	19200-P2A-003/4
AT,AU	1600	ZC		84.10-87.09	GWHO-24A	19200-PG6-000
EF3	1600	ZC	PFI	87.09-92.10	GWHO-26A	19200-P01-003
EF3	1600	ZC	PFI	87.09-92.10	GWHO-26A	19200-P01-004
EF3/5,EH1,EY5	1600	ZC		91.07-94.12	GWHO-26A	19220-PO-1-004
EF5	1600	ZC	PFI	87.09-96.03	GWHO-26A	19200-P01-003
EF5	1600	ZC	PFI	87.09-96.03	GWHO-26A	19200-P01-004
EF5	1600	ZC	GAS	89.08-92.10	GWHO-26A	19200-P01-003
EF5	1600	ZC	GAS	89.08-92.10	GWHO-26A	19200-P01-004
EF9	1600	B16A	PFI	89.09-91.09	GWHO-56A	19200-P30-003
EF9	1600	B16A		90.09-94.12	GWHO-26A	19200-PM3-004
EG5	1600	ZC	PFI	92.05-95.09	GWHO-26A	19200-P01-003
EG5	1600	ZC	PFI	92.05-95.09	GWHO-26A	19200-P01-004
EG6	1600	B16A	PFI	91.08-95.09	GWHO-56A	19200-P30-003
EG6,9	1600	B16A		91.07-94.12		19200-P30-003
EG9	1600	B16A	PFI	91.08-95.08	GWHO-56A	19200-P30-003
EH1	1600	ZC	GAS	91.08-95.08	GWHO-26A	19200-P01-003

HONDA

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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CIVIC

	1595	B16A		99-00	GWHO-65A	19200-P72-013
EH1	1600	ZC	GAS	91.08-95.08	GWHO-26A	19200-P01-004
EH1	1600	ZC	PFI	91.08-95.08	GWHO-26A	19200-P01-003
EH1	1600	ZC	PFI	91.08-95.08	GWHO-26A	19200-P01-004
EJ1	1600	D16A	PFI	93.02-96.01	GWHO-32A	19200-P08-003
EJ3	1600	ZC	PFI	93.09-95.08	GWHO-32A	19200-P08-003
EJ7	1600	D16A	PFI	96.01-97.08	GWHO-39A	19200-P2A-003
EJ7	1600	D16A	CNG	98.04-99.02	GWHO-39A	19200-P2A-003
EK4	1600	B16A	PFI	95.08-00.09	GWHO-46A	19200-P72-013
EK4	1600	B16A	PFI	95.08-96.08	GWHO-46A	19200-P72-003
EK5	1600	D16A	PFI	95.08-00.09	GWHO-39A	19200-P2A-003
EK8	1600	D16A	PFI	97.01-98.08	GWHO-39A	19200-P2A-003
EK9	1600	B16B	PFI	97.07-00.09	GWHO-46A	19200-P72-013
EN1	1600	D16A	CNG	99.02-01.01	GWHO-39A	19200-P2A-003
EY5	1600	ZC	GAS	92.10-96.03	GWHO-26A	19200-P01-003
EY5	1600	ZC	GAS	92.10-96.03	GWHO-26A	19200-P01-004
EN2	1700	D17A	PFI	01.01-05.05	GWHO-48A	19200-PLM-A01
ES3,EU3/4	1700	D17A	PFI	00.09-05.09	GWHO-55A	19200-PLC-003
ET2	1700	D17A	PFI	03.09-05.09	GWHO-55A	19200-PLC-003
FD1	1800	R18A	PFI	05.09-12.01		19200-RNA-A02
EP3	2000	K20A	PFI	01.12-05.09	GWHO-51A	19200-PRB-A01
FD2	2000	K20A	PFI	06.04-14.01	GWHO-50A	19200-RFE-003
FD2	2000	K20A	PFI	07.03-14.01		19200-RBC-013

CONCERTO

MA1	1500	D15B		88.05-92.11	GWHO-26A	19200-PM3-003
MA1	1500	D15B	GAS	88.06-92.09	GWHO-26A	19200-P01-003
MA1	1500	D15B	GAS	88.06-92.09	GWHO-26A	19200-P01-004
MA2	1600	ZC	GAS	88.06-92.09	GWHO-26A	19200-P01-003
MA2	1600	ZC	GAS	88.06-92.09	GWHO-26A	19200-P01-004
MA2	1600	ZC	PFI	88.06-92.09	GWHO-26A	19200-P01-003
MA2	1600	ZC	PFI	88.06-92.09	GWHO-26A	19200-P01-004
MA2/3	1600	ZC		88.05-92.11	GWHO-26A	19200-PM3-003
MA3	1600	ZC	GAS	88.07-92.09	GWHO-26A	19200-P01-003
MA3	1600	ZC	GAS	88.07-92.09	GWHO-26A	19200-P01-004
MA3	1600	ZC	PFI	88.07-92.09	GWHO-26A	19200-P01-003
MA3	1600	ZC	PFI	88.07-92.09	GWHO-26A	19200-P01-004

CROSSROAD

RT1/2	1800	R18A	PFI	07.02-14.01		19200-RNA-A02
RT3/4	2000	R20A	PFI	07.02-14.01		19200-RZP-013

CR-V

RD1	2000	B20B	PFI	95.10-01.08	GWHO-40A	19200-P75-003
RD2	2000	B20B	PFI	98.12-01.08	GWHO-40A	19200-P75-003
RD4/5	2000	K20A	PFI	01.08-04.09	GWHO-52A	19200-PNA-003
RD6/7	2400	K24A	PFI	04.09-06.10	GWHO-52A	19200-PNA-003
RE3/4	2400	K24A	PFI	06.10-14.01	GWHO-50A	19200-RFE-003

CR-X

EF6	1500	D15B	GAS	87.09-92.02	GWHO-26A	19200-P01-003
EF6	1500	D15B	GAS	87.09-92.02	GWHO-26A	19200-P01-004
EG1	1500	D15B	PFI	92.02-95.09	GWHO-32A	19200-P08-003
EF7	1600	ZC	PFI	87.09-92.02	GWHO-26A	19200-P01-003
EF7	1600	ZC	PFI	87.09-92.02	GWHO-26A	19200-P01-004
EF8	1600	B16A	PFI	89.09-92.02	GWHO-56A	19200-P30-003
EG2	1600	B16A	PFI	92.02-95.09	GWHO-56A	19200-P30-003
EG2	1600	B16A	PFI	95.09-97.07	GWHO-46A	19200-P72-013
EJ4	1600	D16A	PFI	95.09-97.07	GWHO-39A	19200-P2A-003

CR-Z

ZF1	1500	LEA	PFI	10.02-14.01		19200-RBJ-003
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HONDA

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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DELSOL

EG1	1500	D15B		92.11-94.12	GWHO-32A	19200-PO8-004
EG2	1600	B16A		92.11-94.12		19200-P30-003

DOMANI

MA7	1500	D15B	PFI	94.02-95.09	GWHO-32A	19200-P08-003
MA7	1500	D15B	PFI	95.09-97.01	GWHO-32A	19200-P1G-E02
MB3	1500	D15B	PFI	97.01-00.08	GWHO-39A	19200-P2A-003
MA4	1600	ZC	PFI	92.10-95.09	GWHO-32A	19200-P08-003
MA4	1600	ZC	SOHC MPI	92.11-94.12	GWHO-26A	19200-PO1-004
MA4	1600	ZC	SOHC VTEC	92.11-94.12	GWHO-32A	19200-PO8-004
MA4/6	1600	ZC	PFI	92.10-95.09	GWHO-26A	19200-P01-003
MA4/6	1600	ZC	PFI	92.10-95.09	GWHO-26A	19200-P01-004
MA4/6	1600	ZC	PFI	95.09-97.01	GWHO-39A	19200-P2A-003
MA6	1600	ZC		92.11-94.12	GWHO-26A	19200-PO1-004
MB4/5	1600	D16A	PFI	97.01-00.08	GWHO-39A	19200-P2A-003
	1600			95.01-95.12	GWHO-39A	19200-P2A003/4
MA5	1800	B18B	PFI	92.10-95.09	GWHO-27A	19200-PR4-013
MA5	1800	B18B		92.11-94.12	GWHO-27A	19200-PR4-013
MA5	1800	B18B	PFI	95.09-97.01	GWHO-40A	19200-P75-003

EDIX

BE1/2	1700	D17A	PFI	04.07-06.12	GWHO-48A	19200-PLM-A01
BE3/4	2000	K20A	PFI	04.07-14.01	GWHO-52A	19200-PNA-003
BE8	2400	K24A	PFI	06.12-14.01	GWHO-50A	19200-RFE-003

ELEMENT

YH2	2400	K24A	PFI	03.04-05.06	GWHO-50A	19200-RAA-A01
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ELYSION

RR1/2	2400	K24A	PFI	04.05-14.01	GWHO-50A	19200-RFE-003
RR3/4	3000	J30A	PFI	04.05-14.01		19200-RDV-J01
RR5/6	3500	J35A	PFI	07.01-14.01		19200-RDV-J01

FIT

GD1/2	1300	L13A	PFI	01.06-07.10	GWHO-47A	19200-PWA-003
GD6/7	1300	L13A	PFI	02.11-05.10	GWHO-47A	19200-PWA-003
GE6/7	1300	L13A	PFI	07.10-14.01		19200-RB0-003
GP1	1300	LDA	PFI	10.10-14.01		19200-RBJ-003
GP2	1300	LDA	PFI	11.03-14.01		19200-RBJ-003
GD3/4	1500	L15A	PFI	02.09-07.10	GWHO-47A	19200-PWA-003
GD8/9	1500	L15A	PFI	02.11-09.01	GWHO-47A	19200-PWA-003
GE8/9	1500	L15A	PFI	07.10-14.01		19200-RB0-003
GG7/8	1500	L15A	PFI	11.03-14.01		19200-RB0-003

FREED

GB3/4	1500	L15A	PFI	08.05-14.01		19200-RB0-003
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HR-V

GH1/2	1600	D16A	PFI	98.09-03.10	GWHO-39A	19200-P2A-003
GH3/4	1600	D16A	PFI	99.07-05.09	GWHO-39A	19200-P2A-003

INSIGHT

ZE1	1000	ECAMF2	PFI	99.11-06.03		19210-PHM-010
ZE2	1300	LDA	PFI	09.02-14.01		19200-RBJ-003

INSPIRE

CB5	2000	G20A	PFI	89.10-91.05	GWHO-44A	19200-PV0-003
CB5	2000	G20A	PFI	89.10-95.02	GWHO-44A	19200-P1R-003
CC3	2000	G20A	PFI	92.01-97.02	GWHO-44A	19200-P1R-003
UA1	2000	G20A	PFI	95.02-98.10	GWHO-44A	19200-P1R-003
CC2	2500	G25A	PFI	92.01-97.02	GWHO-44A	19200-P1R-003
UA2	2500	G25A	PFI	95.02-98.10	GWHO-44A	19200-P1R-003

HONDA

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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INSPIRE

UA4	2500	J25A	PFI	98.10-03.06	GWHO-57A	19200-P8A-A02
UC1	3000	J30A	PFI	03.06-07.12		19200-RDV-J01
UA3	3200	C32A	PFI	95.06-98.10		19200-P5G-004
UA5	3200	J32A	PFI	98.10-03.06	GWHO-57A	19200-P8A-A02
CP3	3500	J35A	PFI	07.12-14.01		19200-RDV-J01

INTEGRA

DA5	1600	ZC	PFI	89.04-93.05	GWHO-26A	19200-P01-003
DA5	1600	ZC	PFI	89.04-93.05	GWHO-26A	19200-P01-004
DA5	1600	ZC	GAS	91.10-93.05	GWHO-26A	19200-P01-003
DA5	1600	ZC	GAS	91.10-93.05	GWHO-26A	19200-P01-004
DA6	1600	B16A	PFI	89.04-93.05	GWHO-56A	19200-P30-003
DA7	1600	ZC	GAS	89.04-93.07	GWHO-26A	19200-P01-003
DA7	1600	ZC	GAS	89.04-93.07	GWHO-26A	19200-P01-004
DA7	1600	ZC	PFI	89.04-93.07	GWHO-26A	19200-P01-003
DA7	1600	ZC	PFI	89.04-93.07	GWHO-26A	19200-P01-004
DA8	1600	B16A	PFI	89.04-93.07	GWHO-56A	19200-P30-003
DB6	1600	ZC	GAS	93.07-95.09	GWHO-26A	19200-P01-003
DB6	1600	ZC	GAS	93.07-95.09	GWHO-26A	19200-P01-004
DB6/9	1600	ZC	PFI	93.07-95.09	GWHO-26A	19200-P01-003
DB6/9	1600	ZC	PFI	93.07-95.09	GWHO-26A	19200-P01-004
DB6/9,DC1	1600	ZC	PFI	95.09-00.09	GWHO-39A	19200-P2A-003
DC1	1600	ZC	GAS	93.05-95.09	GWHO-26A	19200-P01-003
DC1	1600	ZC	GAS	93.05-95.09	GWHO-26A	19200-P01-004
DC1	1600	ZC	PFI	93.05-95.09	GWHO-26A	19200-P01-003
DC1	1600	ZC	PFI	93.05-95.09	GWHO-26A	19200-P01-004
	1797	B18C		96-01	GWHO-65A	19200-P72-013
DB1	1800	B18B	PFI	91.10-93.07	GWHO-27A	19200-PR4-013
DB7	1800	B18B	PFI	93.07-95.09	GWHO-27A	19200-PR4-013
DB8	1800	B18C	PFI	93.07-95.09	GWHO-46A	19200-P72-003
DB8,DC2	1800	B18C	PFI	95.09-00.09	GWHO-46A	19200-P72-013
DC2	1800	B18C	PFI	93.05-95.09	GWHO-46A	19200-P72-003
	1797	B18C	PFI	95.09-00.09	GWHO-65A	19200-P72-013
DC5	2000	K20A	PFI	01.07-14.01	GWHO-52A	19200-PNA-003
DC5	2000	K20A	PFI	01.07-14.01	GWHO-51A	19200-PRB-A01

INTEGRA SJ

EK3	1500	D15B	PFI	96.02-00.08	GWHO-39A	19200-P2A-003
EK3	1500	D15B	PFI	96.02-00.08	GWHO-49A	19200-P2J-005

LAGREAT

RL1	3500	J35A	PFI	99.06-04.05	GWHO-57A	19200-P8A-A02
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LEGEND

KA1/5	2000	C20A		85.11-90.10	GWHO-25A	19200-PH7-003
KA5	2000	C20A	PFI	88.10-90.10	GWHO-25A	19200-P0G-A01
KA5	2000	C20A	TBO	88.10-90.10	GWHO-25A	19200-P0G-A01
KA2	2500	C25A		85.11-87.02	GWHO-25A	19200-PH7-003
KA3	2700	C27A	PFI	87.02-90.12	GWHO-25A	19200-P0G-A01
KA3/4/6	2700	C27A		87.02-90.10	GWHO-25A	19200-PH7-003
KA6	2700	C27A	PFI	88.10-90.10	GWHO-25A	19200-P0G-A01
KA7	3200	C32A	PFI	90.10-96.02	GWHO-35A	19200-PY3-010
KA7	3200	C32A	PFI	94.08-96.02		19200-P5G-004
KA7/8	3200	C32A		90.10-94.12	GWHO-35A	19200-PY3-010
KA7/8	3200	C32A	PFI	92.09-96.02	GWHO-36A	19200-PY3-A00
KA8	3200	C32A	PFI	90.12-96.02	GWHO-35A	19200-PY3-010
KA8	3200	C32A	PFI	94.09-96.02		19200-P5G-004
KA8	3200	C32A	PFI	94.09-96.02		19200-PY3-J00
	3200	C32A		92.01-92.12	GWHO-36A	19200-PY3-A00
KA9	3500	C35A	PFI	96.01-04.10		19200-P5A-004
KB1	3500	J35A	PFI	04.10-14.01		19200-RDV-J01
KB2	3700	J37A	PFI	08.09-14.01		19200-RDV-J01

HONDA

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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LIFE

JA4	660	E07A	PFI	97.05-98.10	GWHO-41A	19200-P36-000
JB1/2	660	E07Z	PFI	98.10-03.09	GWHO-45A	19210-PFB-003
JB3/4	660	E07Z	TBO	00.12-03.09	GWHO-45A	19210-PFB-003
JB5/6	660	P07A	PFI	03.09-04.01	GWHO-58A	19210-RGA-000
JB5/6	660	P07A	PFI	03.09-08.11	GWHO-58A	19210-RGA-010
JB7/8	660	P07A	TBO	03.10-04.01	GWHO-58A	19210-RGA-000
JB7/8	660	P07A	TBO	03.10-08.11	GWHO-58A	19210-RGA-010
JC1/2	660	P07A	PFI	08.11-14.01	GWHO-58A	19210-RGA-010
JC1/2	660	P07A	TBO	08.11-14.01	GWHO-58A	19210-RGA-010

LOGO

GA3	1300	D13B	PFI	96.09-01.06	GWHO-54A	19200-P7A-003
GA3	1300	D13B	PFI	98.11-01.06	GWHO-39A	19200-P2A-003
GA5	1300	D13B	PFI	98.11-01.06	GWHO-54A	19200-P7A-003

MDX

YD1	3500	J35A	PFI	03.03-06.06		19200-RDV-J01
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MOBILIO

GB1/2	1500	L15A	PFI	01.12-08.07	GWHO-47A	19200-PWA-003
GK1/2	1500	L15A	PFI	02.09-08.07	GWHO-47A	19200-PWA-003

NSX

NA1	3000	C30A	PFI	90.08-99.09		19200-PR7-305
NA1	3000	C30A		90.10-94.12		19200-PR7-A01
NA1	3000	C30A	PFI	99.09-14.01		19200-PR7-A03
NA2	3200	C32B	PFI	97.02-99.09		19200-PR7-305
NA2	3200	C32B	PFI	99.09-14.01		19200-PR7-A03

ODYSSEY

RA1/2	2200	F22B	PFI	94.09-97.08	GWHO-28A	19200-P0A-003
RA3/4	2300	F23A	PFI	97.08-99.12	GWHO-28A	19200-P0A-003
RA6/7	2300	F23A	PFI	99.12-03.10	GWHO-28A	19200-P0A-003
RB1/2	2400	K24A	PFI	03.10-08.10	GWHO-50A	19200-RFE-003
RB3/4	2400	K24A	PFI	08.10-14.01		19200-R40-A01
RA5	3000	J30A	PFI	97.10-00.01	GWHO-57A	19200-P8A-A02
RA8/9	3000	J30A	PFI	00.01-03.10	GWHO-57A	19200-P8A-A02

ORTHIA

EL1	1800	B18B	PFI	96.02-99.06	GWHO-40A	19200-P75-003
EL2/3	2000	B20B	PFI	96.02-02.01	GWHO-40A	19200-P75-003

PARTNER

EY6	1300	D13B	PFI	96.02-03.08	GWHO-39A	19200-P2A-003
EY7	1500	D15B	PFI	96.02-06.03	GWHO-39A	19200-P2A-003
GJ3	1500	L15A	PFI	06.03-14.01	GWHO-47A	19200-PWA-003
GJ4	1500	L15A	PFI	06.07-14.01	GWHO-47A	19200-PWA-003
EY8	1600	D16A	PFI	96.02-06.03	GWHO-39A	19200-P2A-003
EY9	1600	D16A	PFI	97.02-99.05	GWHO-39A	19200-P2A-003

PASSPORT

	3200	6VD1		94.01-94.12	GWHO-38A	8-97125-975-0
				..	GWHO-03A	8-97061-280-0

PRELUDE

AB	1800	ES		82.11-94.12	GWHO-21A	19200-PC6-000
SN	1800	EK		78.09-82.10	GWHO-16AP	19110-689-325
SN	1800	EK		78.09-82.10	GWHO-10A	19200-689-030
BA1	2000	B20A		85.06-87.04	GWHO-30A	19200-PH3-000
BA4/5	2000	B20A	GAS	87.04-91.09	GWHO-30A	19210-PH3-305
BA4/5	2000	B20A	PFI	87.04-91.09	GWHO-29A	19210-PK2-305
BA4/5	2000	B20A	DOHC	87.04-91.10	GWHO-29A	19200-PK2-000

HONDA

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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PRELUDE

BA4/5	2000	B20A	SOHC	87.04-91.10	GWHO-30A	19200-PH3-000
BA7	2100	B21A	PFI	90.10-91.09	GWHO-29A	19210-PK2-305
BA1/4	2200	F22B		91.10-94.12		19220-PT2-013
BA8/9	2200	F22B	PFI	91.09-95.09		19200-PT2-013
BA8/9	2200	H22B		91.10-94.12		19220-PT2-013
BA8/9	2200	F22B	PFI	95.09-96.11		19200-P39-003
BB1	2200	H22A		91.09-94.12	GWHO-33A	19200-P13-000
BB1/4	2200	H22A	PFI	91.09-96.11	GWHO-33A	19200-P13-003
BB5	2200	F22B	PFI	96.10-00.08	GWHO-28A	19200-P0A-003
BB5/7	2200	F22B	PFI	96.10-00.08		19200-P39-003
BB6/8	2200	H22A	PFI	96.10-00.08	GWHO-33A	19200-P13-003

QUINT

DA2	1500	EW	GAS	86.10-89.05	GWHO-37A	19200-PE0-515
AV	1600	ZC	GAS	85.02-89.05	GWHO-24A	19210-PG6-305
AV	1600	ZC	PFI	85.02-89.05	GWHO-24A	19210-PG6-305
DA1	1600	ZC	GAS	85.11-89.05	GWHO-24A	19210-PG6-305
DA1	1600	ZC	PFI	85.11-89.05	GWHO-24A	19210-PG6-305

QUINT INTEGRA

DA2	1500	EW		86.10-87.04	GWHO-22A	19200-PE0-660
DA2	1500	EW		86.10-89.05	GWHO-37A	19200-PE0-515
AV,DA1	1600	ZC		85.02-89.04	GWHO-24A	19200-PG6-000
DA5/7	1600	ZC		89.04-94.12	GWHO-26A	19200-PM3-000
DA6/8	1600	B16A		89.04-94.12	GWHO-26A	19200-PM3-000
SU	1600	EP		80.02-85.01	GWHO-10A	19200-PB2-000
DB1/7	1800	B18B		91.10-94.12	GWHO-27A	19200-PR4-013

RAFAGA

CE4	2000	G20A	PFI	93.10-97.09	GWHO-44A	19200-P1R-003
CE5	2500	G25A	PFI	93.10-97.09	GWHO-44A	19200-P1R-003
CE4/5				..		19200-PV3-003

S2000

AP1	2000	F20C	PFI	99.04-05.11		19210-PCX-003
AP2	2200	F22C	PFI	05.11-14.01		19210-PCX-003

SABER

UA1	2000	G20A	PFI	95.02-98.10	GWHO-44A	19200-P1R-003
UA2	2500	G25A	PFI	95.02-98.10	GWHO-44A	19200-P1R-003
UA4	2500	J25A	PFI	98.10-03.06	GWHO-57A	19200-P8A-A02
UA3	3200	C32A	PFI	95.06-98.10		19200-P5G-004
UA5	3200	J32A	PFI	98.10-03.06	GWHO-57A	19200-P8A-A02

S-MX

RH1/2	2000	B20B	PFI	96.11-02.01	GWHO-40A	19200-P75-003
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STEPWGN

RF1/2	2000	B20B	PFI	96.05-01.04	GWHO-40A	19200-P75-003
RF3/4	2000	K20A	PFI	01.04-05.05	GWHO-52A	19200-PNA-003
RF5/6	2000	K20A	PFI	03.06-05.05	GWHO-52A	19200-PNA-003
RG1/2	2000	K20A	PFI	05.05-06.05		19200-RTA-003
RG1/2	2000	K20A	PFI	05.05-14.01	GWHO-50A	19200-RFE-003
RK1/2/5/6	2000	R20A	PFI	09.10-14.01		19200-RZP-013
RF7/8	2400	K24A	PFI	03.06-05.05	GWHO-52A	19200-PNA-003
RG3/4	2400	K24A	PFI	05.05-06.05		19200-RTA-003
RG3/4	2400	K24A	PFI	05.05-14.01	GWHO-50A	19200-RFE-003

STREAM

HH1/2	550	E05A	GAS	88.05-90.03	GWHO-42A	19200-PN3-013
HH3/4	660	E07A	GAS	90.02-99.06	GWHO-41A	19200-P36-000
HH3/4	660	E07A	PFI	93.10-99.06	GWHO-41A	19200-P36-000

HONDA

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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STREAM

RN1	1700	D17A	PFI	04.01-06.01	GWHO-50A	19200-RFE-003
RN1	1700	D17A	PFI	04.01-06.07	GWHO-52A	19200-PNA-003
RN1/2	1700	D17A	PFI	00.10-06.07	GWHO-55A	19200-PLC-003
RN6/7	1800	R18A	PFI	06.07-14.01		19200-RNA-A02
RN3	2000	K20A	PFI	00.10-06.07	GWHO-52A	19200-PNA-003
RN3	2000	K20A	PFI	04.01-06.07	GWHO-50A	19200-RFE-003
RN4	2000	K20A	PFI	01.01-06.07	GWHO-52A	19200-PNA-003
RN5	2000	K20B	PFI	03.12-06.07	GWHO-50A	19200-RFE-003
RN5	2000	K20B	PFI	04.01-06.07	GWHO-52A	19200-PNA-003
RN8/9	2000	R20A	PFI	06.07-14.01		19200-RZP-013

That,t

JD1/2	660	E07Z	TBO	02.02-06.03	GWHO-45A	19210-PFB-003
JD1/2	660	E07Z	PFI	02.02-07.10	GWHO-45A	19210-PFB-003

TODAY

JA1	550	E05A	PFI	88.03-89.01		19200-PN4-013
JA1	550	E05A	GAS	88.03-90.03		19200-PN4-013
JA1	550	E05A	PFI	88.03-90.03		19200-PP0-013
JA1,JW2	550	E05A		88.02-90.03		19200-PN4-003
JA1,JW2	550	E05A		88.02-90.03		19200-PP0-003
JW1	550	EH		85.09-88.02	GWHO-31A	19200-PH9-003
JW2	550	E05A	PFI	88.02-89.01		19200-PN4-013
JW2	550	E05A	GAS	88.02-90.03		19200-PN4-013
JW2	550	E05A	PFI	88.02-90.03		19200-PP0-013
JA2/3	660	E07A	GAS	90.02-93.01	GWHO-41A	19200-P36-000
JA2/3	660	E07A	PFI	90.02-93.01	GWHO-41A	19200-P36-000
JA2/3/4/5,JW3/4	660	E07A		90.03-94.12	GWHO-41A	19200-PZ3-000
JA4/5	660	E07A	PFI	93.01-98.10	GWHO-41A	19200-P36-000
JW3	660	E07A	PFI	90.02-91.09	GWHO-41A	19200-P36-000
JW3/4	660	E07A	GAS	90.02-98.10	GWHO-41A	19200-P36-000

TORNEO

CF3	1800	F18B	PFI	97.08-02.10	GWHO-28A	19200-P0A-003
CF4	2000	F20B	PFI	97.08-00.06	GWHO-28A	19200-P0A-003
CF4	2000	F20B	PFI	97.08-02.10	GWHO-33A	19200-P13-003
CF5	2000	F20B	PFI	97.08-02.10	GWHO-28A	19200-P0A-003
CL3	2000	F20B	PFI	00.06-02.10	GWHO-28A	19200-P0A-003
CL1	2200	H22A	PFI	00.06-02.10	GWHO-33A	19200-P13-003

VAMOS

HJ1/2,HM3/4	660	E07Z	PFI	03.04-14.01	GWHO-45A	19210-PFB-003
HM1/2	660	E07Z	TBO	00.02-10.08	GWHO-45A	19210-PFB-003
HM1/2	660	E07Z	PFI	99.05-14.01	GWHO-45A	19210-PFB-003
HM3/4	660	E07Z	TBO	03.04-10.08	GWHO-45A	19210-PFB-003

VIGOR

AD	1800	ES		82.11-86.04	GWHO-21A	19200-PD2-000
CA1	1800	A18A		85.06-89.10	GWHO-23A	19200-PH1-000
CA1	1800	A18A	GAS	85.06-89.10	GWHO-23A	19210-PH1-515
CA2	1800	B18A		85.06-89.10	GWHO-30A	19200-PH3-000
CA2	1800	B18A	GAS	85.06-89.10	GWHO-30A	19210-PH3-305
SZ	1800	EK		81.09-84.05	GWHO-08A	19200-PC1-000
CA3	2000	B20A		85.06-89.10	GWHO-30A	19200-PH3-000
CA3	2000	B20A	PFI	85.06-89.10	GWHO-30A	19210-PH3-305
CA5	2000	A20A	GAS	87.05-89.10	GWHO-23A	19210-PH1-515
CA5	2000	A20A		92.04-94.12	GWHO-23A	19200-PH1-000
CB5	2000	G20A	PFI	89.10-91.05	GWHO-44A	19200-PV0-003
CB5	2000	G20A		89.10-94.12		19200-PV0-003
CB5	2000	G20A	PFI	89.10-95.02	GWHO-44A	19200-P1R-003
CC3	2000	G20A	PFI	92.01-95.02	GWHO-44A	19200-P1R-003
CC3	2000	G20A		92.11-94.12		19200-PV1-A01

HONDA

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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VIGOR

CC2	2500	G25A	PFI	92.01-95.02	GWHO-44A	19200-P1R-003
CC2	2500	G25A		92.11-94.12		19200-PV1-A01

Z

PA1	660	E07Z	PFI	98.10-02.01	GWHO-45A	19210-PFB-003
PA1	660	E07Z	TBO	98.10-02.01	GWHO-45A	19210-PFB-003

ZEST

JE1/2	660	P07A	PFI	06.03-14.01	GWHO-58A	19210-RGA-010
JE1/2	660	P07A	TBO	06.03-14.01	GWHO-58A	19210-RGA-010

INTERNATIONAL HARVESTER

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
INTERNATIONAL HARVESTER				
SCOUT II TERRA &	71-80	196 W/O FAN CLUTCH 4CYL	GWIH-01A	861236R92
SCOUT80,CM80 CM110,C900,D900	61-77	152 W/AUTO FAN 4CYL	GWIH-01A	861236R92
CSCOUT II	61-77	196 W/AUTO FAN 4CYL	GWIH-01A	861236R92
SCOUT,TERRA TRAVELLER	71-80	V304,V345,V392 W/O FAN CLUTCH 8CYL	GWIH-01A	463365C91
PICKUP & TRAVELLER	59-75	V266,V304,V345,V392 W/O FAN CLUTCH	GWIH-01A	463365C91
	73-74	1/2 TON PICKUP & TRAVELLALL EXC CALIF 400 8CYL	GWAM-04A	445306C91
	59-68	B,BC,BCF W/266,304,345 8CYL	GWIH-01A	270918C92

ISUZU

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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117COUPE

PA95	1800	G180		70.01-75.12	GWIS-14A	9-13617637
PA95	1800	G180W		70.01-78.12		5-13610010
PA95	1800	G180Z		76.01-81.05	GWIS-01A	8-94202477
PA95	1800	G180W		78.01-81.05	GWIS-14A	5-13610105
PA96	2000	G200W		79.01-81.05	GWIS-14A	5-13610105
PA96	2000	G200Z		79.01-81.05	GWIS-01A	8-94202477
PAD96	2000	C223		79.12-81.05	GWIS-20A	8-94376837

ASKA

CJ2	1800	F18B	PFI	97.09-02.03	GWHO-28A	5-86007713
JJ110	1800	4ZB1	GAS	83.04-90.05		8-94376849
JJ110/D69	1800	4ZB1		83.03-90.06		8-94251277
CJ1	2000	F20B	PFI	94.03-02.03	GWHO-28A	5-86007713
CJ3	2000	F20B	PFI	97.09-02.03	GWHO-28A	5-86007713
JJ120	2000	4ZC1E	GAS	83.04-85.07		8-94376849
JJ120	2000	4ZC1	GAS	83.04-90.05		8-94376849
JJ120	2000	4ZC1	TBO	83.04-85.07		8-94376849
JJ120	2000	4ZC1T	TBO	83.04-90.05		8-94376849
JJ120/D69	2000	4ZC1		83.03-90.06		8-94251277
JJ510	2000	4FC1(T)	DIE	83.03-90.06		8-94154957
JJ510	2000	4FC1	DIE	83.04-85.07		8-94154957
JJ510	2000	4FC1	DTB	83.08-85.07		8-94154957
JJ510	2000	4FC1	DIE	85.07-90.05		8-94376869
JJ510	2000	4FC1	DIE	85.07-90.05		8-94459837
JJ510	2000	4FC1T	DTB	85.07-90.05		8-94376869
JJ510	2000	4FC1T	DTB	85.07-90.05		8-94459837

BELLET

PR50/91	1600	G161		70.01-74.12	GWIS-14A	9-13617637
PR60/95	1800	G180		70.01-74.12	GWIS-14A	9-13617637

BIG HORN

UBS12CK	2000	4ZC1	GAS	87.01-87.09	GWIS-29A	8-97084505
UBS12FK	2000	4ZC1	GAS	87.01-87.09	GWIS-29A	8-97084505
UBS13CK	2000	G200	GAS	84.01-87.01	GWIS-01A	8-94224894
UBS13FK	2000	G200	GAS	84.01-87.01	GWIS-01A	8-94224894
UBS52CK/CS/CW/FK/FW	2200	C223T	DTB	84.01-88.11	GWIS-20A	8-94376859
UBS52CK	2200	C223	DIE	81.09-88.11	GWIS-20A	8-94376859
UBS52FK	2200	C223	DIE	81.09-88.11	GWIS-20A	8-94376859
UBS52CS	2200	C223	DIE	81.09-84.01	GWIS-20A	8-94376859
UBS17CW	2600	4ZE1	EGI	88.11-89.11	GWIS-31A	8-97081623
UBS17CW/FW	2600	4ZE1		88.11-91.12	GWIS-31A	8-97021774
UBS17FW	2600	4ZE1	EGI	88.11-91.12	GWIS-31A	8-97081623
UBS55CK/FK	2800	4JB1T	DTB	87.10-91.12	GWIS-45A	8-97105012
UBS55CM/CW/FM/FW	2800	4JB1T	DTB	88.11-91.12	GWIS-45A	8-97105012
UBS55FWR	2800	4JB1T	DTB	90.04-91.12	GWIS-45A	8-97105012
UBS73DW/GW	3000	4JX1	DTB	98.02-12.01		8-97180326
UBS69DW/GW	3100	4JG2	DTB	91.12-98.03	GWIS-45A	8-97105012
UBS25DW/GW	3200	6VD1	DIE	91.01-91.12	GWIS-34A	8-97125975
UBS25DW/GW	3200	6VD1	EGI	91.12-98.03	GWIS-34A	8-97125975
UBS26DW/GW	3500	6VE1	EGI	98.02-12.01	GWIS-44A	8-97167554
					GWIS-20F	8-94244409

COMO

JVPE25	2000	KA20DE	EGI	01.05-03.05		5-86136346
JVPE25	2000	KA20DE	EGI	01.05-07.08		5-86136347
JVRE25	2000	QR20DE	EGI	07.08-14.01		5-86141241
JCQGE25,JDQGE25	2400	KA24DE	EGI	01.05-07.08		5-86135697
JQE25	2400	KA24DE	EGI	03.05-07.08		5-86135697
JQGE25	2400	KA24DE	EGI	01.11-14.01		5-86135697
JCSGE25,JDSGE25,JSE25,JSGE25	2500	QR25DE	EGI	07.08-14.01		5-86141241
JCWGE25,JCWMGE25,JDWGE25	3000	ZD30DD	DIE	01.05-04.09		5-86142267

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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COMO

JCWGE25,JCWMGE25,JDWGE25	3000	ZD30DD	DTB	07.08-14.01		5-86140707
JCWGE25,JDWGE25,JVWE25	3000	ZD30DD	DTB	02.10-14.01		5-86142267
JCWMGE25,JDWMGE25,JVWME25	3000	ZD30DD	DTB	04.09-14.01		5-86142267
JDWMGE25,JVWE25,JVWME25	3000	ZD30DD	DIE	01.05-04.09		5-86142267
JDWMGE25,JVWE25,JVWME25	3000	ZD30DD	DTB	07.08-14.01		5-86140707

ELF

ASH2F23	2000	KA20DE	EGI	03.03-14.01	GWIS-41A	5-86132944
ASH2F23/ASH4F23	2000	KA20DE	GAS	99.06-03.08	GWIS-41A	5-86132944
ASH4F23	2000	KA20DE	EGI	99.06-14.01	GWIS-41A	5-86132944
ASK2F23	2000	NA20S	GAS	95.06-99.06	GWIS-41A	5-86132944
ASK4F23	2000	NA20S	GAS	97.08-99.06	GWIS-41A	5-86132944
ASQ1F24/ASQ2F24	2000	QR20DE	EGI	07.07-14.01		5-86141241
ASN2F23/ASN6F23	2500	TD25	DIE	95.06-99.06	GWN-47AF	5-86140576
NHR54C/CVN/E	2500	4JA1	DIE	84.07-93.06	GWIS-45A	8-97105012
ASP2F23/ASP6F23	2700	TD27	DIE	99.06-14.01	GWN-47AF	5-86140576
ASP8F23	2700	TD27	DIE	95.06-14.01	GWN-47AF	5-86140576
NHR55C/CVN/E/EVN,NKR55E/LR	2800	4JB1	DIE	84.07-93.06	GWIS-45A	8-97105012
NHR55CA	2800	4JB1	DIE	90.04-93.06	GWIS-45A	8-97105012
NHR55EA	2800	4JB1	DIE	90.06-93.06	GWIS-45A	8-97105012
NHS55EA	2800	4JB1	DIE	91.08-93.07	GWIS-45A	8-97105012
NKR55CE	2800	4JB1	DIE	84.07-90.05	GWIS-45A	8-97105012
NKR55EA	2800	4JB1	DIE	90.05-93.06	GWIS-45A	8-97105012
NKR55EVN/LN	2800	4JB1	DIE	84.07-85.11	GWIS-45A	8-97105012
NKR55L	2800	4JB1	DIE	85.11-89.07	GWIS-45A	8-97105012
NKR56EEG/EPN	2800	4BA1	DIE	84.07-85.11	GWIS-35A	8-97021171
WHR55EX/EXH,WKR55EXH	2800	4JB1	DIE	85.03-93.12	GWIS-45A	8-97105012
ASZ1F24,ASZ2F24	3000	ZD30DD	DTB	07.07-14.01		5-86142265
ASZ4F24,ASZ5F24	3000	ZD30DD	DTB	07.07-14.01		5-86142265
NHR85A/AN,NHS85A/AN	3000	4JJ1	DTB	07.02-14.01		8-98004292
NJR85A/AD/AN,NJS85A/AN	3000	4JJ1	DTB	07.02-14.01		8-98004292
NJR85AN	3000	4JJ1	DTB	07.02-14.01		1-83541150
NJR85N	3000	4JJ1	DTB	07.05-14.01		8-98004292
NKR85A/AD/AN/AR/N/R/YN	3000	4JJ1	DTB	07.02-14.01		8-98004292
NKS85A/AD/AN	3000	4JJ1	DTB	07.02-14.01		8-98004292
NLR85AN/AR/N,NLS85AR	3000	4JJ1	DTB	06.11-14.01		8-98004292
NLS85AN,NNR85AN/AR,NNS85AR	3000	4JJ1	DTB	06.12-14.01		8-98004292
NMR85AN,NPR85AN	3000	4JJ1	DTB	07.07-14.01		1-83541150
NMR85AN/AR/N/R,NMS85AN	3000	4JJ1	DTB	06.11-14.01		8-98004292
NPR85AN/AR,NPS85AN/AR	3000	4JJ1	DTB	06.12-14.01		8-98004292
NHR69/N	3100	4JG2	DIE	04.06-14.01	GWIS-45A	8-97105012
NHR69C/CA	3100	4JG2	DIE	93.06-03.08	GWIS-45A	8-97105012
NHR69CV	3100	4JG2	DIE	95.04-03.08	GWIS-45A	8-97105012
NHR69CVN/EAVN/EVN	3100	4JG2	DIE	93.06-95.04	GWIS-45A	8-97105012
NHR69E/EA	3100	4JG2	DIE	93.06-14.01	GWIS-45A	8-97105012
NHR69EA/EAV	3100	4JG2	LPG	98.01-14.01	GWIS-45A	8-97105012
NHR69EAV,NKR69CAE/EAV	3100	4JG2	DIE	95.03-14.01	GWIS-45A	8-97105012
NHR69EV	3100	4JG2	DIE	95.04-14.01	GWIS-45A	8-97105012
NHR69N	3100	4JG2	LPG	04.06-14.01	GWIS-45A	8-97105012
NHS69A/AN	3100	4JG2	DIE	04.10-14.01	GWIS-45A	8-97105012
NHS69AN	3100	4JG2	LPG	04.12-14.01	GWIS-45A	8-97105012
NHS69EA	3100	4JG2	DIE	93.07-04.05	GWIS-45A	8-97105012
NHS69EAV	3100	4JG2	DIE	95.04-04.05	GWIS-45A	8-97105012
NHS69EAVN	3100	4JG2	DIE	93.07-95.04	GWIS-45A	8-97105012
NKR69EA	3100	4JG2	DIE	93.05-14.01	GWIS-45A	8-97105012
NKR69EAVN	3100	4JG2	DIE	93.05-95.02	GWIS-45A	8-97105012
NKR69LAR	3100	4JG2	DIE	95.03-97.04	GWIS-45A	8-97105012
VHR69K	3100	4JG2	DIE	96.11-02.06	GWIS-45A	8-97105012
WHR69EA/EAH,WKR69EA/EAH	3100	4JG2	DIE	95.06-14.01	GWIS-45A	8-97105012
WHR69EAX/EAXH,WKR69EAXH	3100	4JG2	DIE	94.01-95.05	GWIS-45A	8-97105012
ASR2F23	3200	QD32	DIE	99.06-14.01	GWN-47AF	5-86140577
ASR8F23	3200	QD32	DIE	97.08-14.01	GWN-47AF	5-86140577

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
ELF						
NKR57E2K/EN/EPN/EVN/LVN	3300	4BC2	DIE	84.07-85.11	GWIS-35A	8-97021171
NKR57E2N/E/ED/LR	3300	4BC2	DIE	84.07-89.07	GWIS-35A	8-97021171
NKR57L2N	3300	4BC2	DIE	88.07-89.07	GWIS-35A	8-97021171
NPR57GR/LN/LR/LVN/PR	3300	4BC2	DIE	84.07-90.05	GWIS-35A	8-97021171
NPR57GR/LN/LR/LVN/PR	3300	4BC2	DIE	86.02-90.05		8-97030983
NPR57GVN	3300	4BC2	DIE	88.07-90.05	GWIS-35A	8-97021171
NPR57GVN	3300	4BC2	DIE	88.07-90.05		8-97030983
NPR57LQR/LZN	3300	4BC2	DIE	84.07-86.02	GWIS-35A	8-97021171
NKR58E2N/E/ED/LR	3600	4BE1	DIE	86.02-90.05	GWIS-35A	8-94372119
NKR58E2N/E/ED/LR	3600	4BE1	DIE	86.02-93.06	GWIS-35A	8-97021171
NKR58EA	3600	4BE1	DIE	90.05-95.04	GWIS-35A	8-97021171
NKR58EAVN	3600	4BE1	DIE	90.05-95.03	GWIS-35A	8-97021171
NKR58EN,NPR58GVN/LVN/LZM	3600	4BE1	DIE	88.07-93.06	GWIS-35A	8-97021171
NKR58EN/LZN	3600	4BE1	DIE	88.07-90.05	GWIS-35A	8-94372119
NKR58LAR	3600	4BE1	DIE	93.05-95.03	GWIS-35A	8-97021171
NKR58LVN	3600	4BE1	DIE	86.01-90.05	GWIS-35A	8-94372119
NKR58LVN	3600	4BE1	DIE	86.01-93.06	GWIS-35A	8-97021171
NKR58LZN/LN	3600	4BE1	DIE	88.07-90.05	GWIS-35A	8-97021171
NKR63E/ED	3600	4BE2	DIE	89.07-90.05		8-97014078
NKR63E/ED	3600	4BE2	DIE	89.07-93.06		8-97022859
NKR63E/LR	3600	4BE2	DIE	93.05-95.02		8-97184867
NKR63ED	3600	4BE2	DIE	93.05-95.04		8-97184867
NKR63LR	3600	4BE2	DIE	90.05-93.06		8-97022859
NKS58GDR/GR	3600	4BE1	DIE	87.09-93.11	GWIS-35A	8-97021171
NKS58GN	3600	4BE1	DIE	88.08-90.05	GWIS-35A	8-97021171
NPR58GR/LR/PR	3600	4BE1	DIE	87.02-93.06	GWIS-35A	8-97021171
NPR58GR/LR/PR	3600	4BE1	DIE	87.02-90.05		8-97030983
NPR58GVN/LN/LVN/LZN	3600	4BE1	DIE	88.07-90.05		8-97030983
NPS58GR/LR	3600	4BE1	DIE	88.07-93.12	GWIS-35A	8-94372119
NPS58GR/LR	3600	4BE1	DIE	88.07-93.12	GWIS-35A	8-97021171
NPS58LVN	3600	4BE1	DIE	90.05-93.12	GWIS-35A	8-94372119
NPS58LVN	3600	4BE1	DIE	90.05-93.12	GWIS-35A	8-97021171
NPR59GDR/LR/PR	3900	4BD1	DIE	84.07-90.05	GWIS-35A	8-97021171
NPR59GDR/LR/PR	3900	4BD1T	DTB	84.07-93.06	GWIS-35A	8-97021171
NPR59GDR/LR/PR	3900	4BD1	DIE	86.02-90.05		8-97030983
NPR59GDR/LR/PR	3900	4BD1T	DTB	86.02-90.05		8-97030983
NPR59GN/GYN/LVN/LZN/PVN	3900	4BD1T	DTB	88.07-90.05		8-97030983
NPR59GN/GYN/LZN	3900	4BD1T	DTB	88.07-90.05	GWIS-35A	8-97021171
NPR59GR/LQR/LZN/PQR	3900	4BD1	DIE	84.07-86.02	GWIS-35A	8-97021171
NPR59LVN/LYR/PVN/PYR	3900	4BD1T	DTB	86.03-93.06	GWIS-35A	8-97021171
NPR59LYR/PYR	3900	4BD1	DIE	86.03-90.05	GWIS-35A	8-97021171
NPR59LYR/PYR	3900	4BD1	DIE	86.03-90.05		8-97030983
NPR59LYR/PYR	3900	4BD1T	DTB	86.03-90.05		8-97030983
NPS59GN/LN	3900	4BD1T	DTB	87.12-93.12	GWIS-35A	8-94372119
NPS59GN/LN	3900	4BD1T	DTB	87.12-93.12	GWIS-35A	8-97021171
NKR61E/ED/LR	4300	4BG1	DIE	89.07-90.05	GWIS-35A	8-97021171
NKR61E/ED/LR	4300	4BG1	DIE	89.07-90.05		8-97030916
NKR66E/EAV/ED/LR	4300	4HF1N	DIE	99.04-04.05	GWIS-42A	8-97333361
NKR66E/ED/LR,NPR66LR	4300	4HF1	DIE	90.05-04.05	GWIS-42A	8-97333361
NKR66E2N	4300	4HF1	DIE	90.05-99.03	GWIS-42A	8-97333361
NKR66E3N/EAV/EDN/EP/ER	4300	4HF1	DIE	95.03-04.05	GWIS-42A	8-97333361
NKR66EA	4300	4HF1N	DIE	97.04-04.05	GWIS-42A	8-97333361
NKR66EA/LAR	4300	4HF1	DIE	93.05-04.05	GWIS-42A	8-97333361
NKR66EAV/EP/LAV/LV	4300	4HF1	CNG	98.07-02.03	GWIS-42A	8-97333361
NKR66EAVN/EPN/GAVN/LAVN	4300	4HF1	DIE	93.05-95.02	GWIS-42A	8-97333361
NKR66EN/LVN	4300	4HF1	DIE	90.05-95.02	GWIS-42A	8-97333361
NKR66GAV/LAV	4300	4HF1	DIE	95.03-04.05	GWIS-42A	8-97333361
NKR66GN,NKS66L	4300	4HF1	DIE	93.05-99.04	GWIS-42A	8-97333361
NKR66LV	4300	4HF1	DIE	99.04-04.05	GWIS-42A	8-97333361
NKR81AN/N	4300	4HF1	CNG	04.05-05.04	GWIS-42A	8-97333361
NKR81E3N/E/EAV/EP/LAV/LV	4300	4HF1	CNG	02.04-14.01	GWIS-42A	8-97333361
NKS66GA/GAV	4300	4HF1	DIE	95.04-99.04	GWIS-42A	8-97333361

ISUZU

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
ELF						
NKS66GAR	4300	4HF1	DIE	97.04-99.04	GWIS-42A	8-97333361
NKS66GDR	4300	4HF1	DIE	93.11-95.04	GWIS-42A	8-97333361
NKS66GR	4300	4HF1	DIE	93.11-99.04	GWIS-42A	8-97333361
NPR61GDR/GN/GYN	4300	4BG1	DIE	88.07-90.05	GWIS-35A	8-97021171
NPR61GDR/GN/GYN	4300	4BG1	DIE	88.07-90.05		8-97030983
NPR61LR/LYR/LZN/PR/PYR	4300	4BG1	DIE	88.07-90.05	GWIS-35A	8-97021171
NPR61LR/LYR/LZN/PR/PYR	4300	4BG1	DIE	88.07-90.05		8-97030983
NPR66GDR/GVN/LVN	4300	4HF1	DIE	90.05-95.03	GWIS-42A	8-97333361
NPR66GR/PR	4300	4HF1	DIE	90.05-97.04	GWIS-42A	8-97333361
NPR66LV	4300	4HF1	DIE	95.03-04.05	GWIS-42A	8-97333361
NPR66LYR/PYR	4300	4HF1	DIE	90.05-93.06	GWIS-42A	8-97333361
NPR66PVN	4300	4HF1	DIE	93.05-95.03	GWIS-42A	8-97333361
NPR72LR/LV/PV	4300	4HF1	CNG	02.04-14.01	GWIS-42A	8-97333361
NPR81AN/N	4300	4HF1	CNG	04.07-05.04	GWIS-42A	8-97333361
NPS66GN/LN	4300	4HF1	DIE	93.12-95.02	GWIS-42A	8-97333361
VKR66K	4300	4HF1	DIE	96.11-02.06	GWIS-42A	8-97333361
NJR82AN,NMR82AN/N	4600	4HV1	CNG	07.07-14.01	GWIS-42A	8-97333361
NKR71E3N/E/EAV/EP	4600	4HG1	DIE	99.04-04.05	GWIS-42A	8-97333361
NKR71EA/ED/EDN/ER	4600	4HG1	DIE	95.03-04.05	GWIS-42A	8-97333361
NKR71EN/GAV/LN,NKS71LAR	4600	4HG1	DIE	97.04-04.05	GWIS-42A	8-97333361
NKR71EP/ER/LAV/LV	4600	4HG1	LPG	00.09-02.03	GWIS-42A	8-97333361
NKR71GAV/LAV/LV	4600	4GF1	DIE	99.04-04.05	GWIS-42A	8-97333361
NKR71GN/LAR/LAV/LR/LV	4600	4HG1	DIE	95.03-04.05	GWIS-42A	8-97333361
NKR81AN	4600	4HG1	LPG	04.05-14.01	GWIS-42A	8-97333361
NKR81E/EAV/EP/GL/LAV/LV	4600	4HG1	LPG	02.04-14.01	GWIS-42A	8-97333361
NKR81N,NPR81AN	4600	4HG1	LPG	04.07-14.01	GWIS-42A	8-97333361
NKR82AN/N,NPR82AN	4600	4HV1	CNG	05.02-14.01	GWIS-42A	8-97333361
NKS71EA/EAD,NPR71LAR/PAR/PAV	4600	4HG1	DIE	00.12-04.05	GWIS-42A	8-97333361
NKS71G	4600	4HG1	DIE	93.05-99.04	GWIS-42A	8-97333361
NKS71GA/GAR/GAV/LAV/LN	4600	4HG1	DIE	99.04-04.05	GWIS-42A	8-97333361
NKS71GDR/GR	4600	4HG1	DIE	95.04-04.05	GWIS-42A	8-97333361
NPR71GDR	4600	4HG1	DIE	95.03-97.04	GWIS-42A	8-97333361
NPR71GR/LR/LV/PR/PV	4600	4HG1	DIE	95.03-04.05	GWIS-42A	8-97333361
NPR71GV/LAV/LZ	4600	4HG1	DIE	99.04-04.05	GWIS-42A	8-97333361
NPR71LV	4600	4HG1	CNG	98.07-02.03	GWIS-42A	8-97333361
NPR71PV	4600	4HG1	CNG	01.05-02.03	GWIS-42A	8-97333361
NPR81N	4600	4HG1	LPG	04.06-14.01	GWIS-42A	8-97333361
NPR82N	4600	4HV1	CNG	05.04-14.01	GWIS-42A	8-97333361
NPS71GN/LN	4600	4HG1	DIE	95.03-97.03	GWIS-42A	8-97333361
NKR81/LAR/LAV/LR/LV	4800	4HL1	DIE	02.05-14.01	GWIS-42A	8-97333361
NKR81A/AD/AN/AR/N/R	4800	4HL1	DIE	04.05-14.01	GWIS-42A	8-97333361
NKR81AN,NPR81AN	4800	4HL1	DIE	05.02-14.01		1-83541150
NKR81E/EA/EAV/EN/EP/GAV/GN	4800	4HL1	DIE	02.05-14.01	GWIS-42A	8-97333361
NKR81E3N/EA/EAV/ED/EP	4800	4HL1N	DIE	02.05-14.01	GWIS-42A	8-97333361
NKR81E3N/ED/LN/LZ	4800	4HL1	DIE	02.04-14.01	GWIS-42A	8-97333361
NKR81GAV/LAR/LAV/LV	4800	4HL1N	DIE	02.05-14.01	GWIS-42A	8-97333361
NKS81A/AN/AR/N	4800	4HL1	DIE	04.05-14.01	GWIS-42A	8-97333361
NKS81EA/EAD/EAV/GAR/GAV	4800	4HL1	DIE	02.06-14.01	GWIS-42A	8-97333361
NKS81GDR/GR/LAR/LAV/LN	4800	4HL1	DIE	02.06-14.01	GWIS-42A	8-97333361
NPR70GDR	4800	4HE1T	DIE	95.03-97.04	GWIS-42A	8-97333361
NPR70GDR/LR/LYR/PR/PYR	4800	4HE1T	DTB	93.05-99.04	GWIS-42A	8-97333361
NPR70LV/PV	4800	4HE1T	DTB	95.03-99.04	GWIS-42A	8-97333361
NPR70LVN/PVN	4800	4HE1T	DTB	93.05-95.03	GWIS-42A	8-97333361
NPR70PR	4800	4HE1T	DIE	97.04-99.04	GWIS-42A	8-97333361
NPR81/PAR/PAV/PR/PV	4800	4HL1	DIE	02.05-14.01	GWIS-42A	8-97333361
NPR81AN/AR,NPS81AN/AR/N	4800	4HL1	DIE	04.06-14.01	GWIS-42A	8-97333361
NPR81DR/N/R	4800	4HL1	DTB	04.06-14.01	GWIS-42A	8-97333361
NPR81GP/GV/LAR/LAV/LR/LV/LZ	4800	4HL1	DIE	02.05-14.01	GWIS-42A	8-97333361
NPR81LR,LV,PR	4800	4HL1N	DIE	02.05-14.01	GWIS-42A	8-97333361
NKR72E3N/E/EN/EP/EV/GN/LV	5000	4HJ1	DIE	00.12-04.05	GWIS-42A	8-97333361
NKR72ED/EDN/ER/LN/LR	5000	4HJ1	DIE	00.02-04.05	GWIS-42A	8-97333361
NKR72ED/EDN/ER/LR	5000	4HJ1N	DIE	00.02-04.05	GWIS-42A	8-97333361

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ELF

NPR72GDR/GR/LR/LV/PR	5000	4HJ1	DIE	97.04-14.01	GWIS-42A	8-97333361
NPR72GN/LZ	5000	4HJ1	DIE	02.05-14.01	GWIS-42A	8-97333361
NPR72GV/LAV/PAV	5000	4HJ1	DIE	00.12-14.01	GWIS-42A	8-97333361
NPR72GY	5000	4HJ1	DIE	98.01-04.05	GWIS-42A	8-97333361
NPR72LAR/LR/LV/PAV/PR	5000	4HJ1N	DIE	99.08-04.05	GWIS-42A	8-97333361
NPR72LAR/PAV	5000	4HJ1	DIE	99.08-14.01	GWIS-42A	8-97333361
NPR72LYR/PYR	5000	4HJ1	DIE	00.12-04.05	GWIS-42A	8-97333361
NPR72PV	5000	4HJ1	DIE	98.01-14.01	GWIS-42A	8-97333361
NPS72GN/LN	5000	4HJ1	DIE	97.04-14.01	GWIS-42A	8-97333361
NPS72LAR/LAV/PAV/PAV	5000	4HJ1	DIE	02.10-14.01	GWIS-42A	8-97333361
NPR75GDR/LR/LV/PR/PV	5200	4HK1T	DTB	99.04-14.01		8-97314118
NPR75LYR/PYR	5200	4HK1T	DTB	99.04-04.05		8-97314118
NPR75N	5200	4HK1	DTB	06.12-14.01		8-97363478

ELF150

KA40/50	1600	G161		69.01-72.12		9-13610319
KA41/51	1600	G161		72.01-75.12		9-13610319
KA65	1800	G180		72.01-74.12	GWIS-14A	9-13617637
ASK2F23	2000	NA20S		95.01-95.12	GWIS-41A	5-86103073
KAD40/50	2000	C190		71.01-72.12	GWIS-15A	5-13610012
KAD41/51	2000	C190		72.01-81.07	GWIS-15A	5-13610012
KAD41/51	2000	C190		81.07-84.12	GWIS-23A	5-13610178
WHR55	2200	4FD1	DIE	85.03-94.12	GWIS-36A	8-94415090
KAD42/52	2400	C240	DIE	78.02-84.12		8-84376832
KAD42/52	2400	C240		78.03-81.07	GWIS-10A	5-13610038
KAD42/52	2400	C240		81.07-84.12	GWIS-10A	5-13610179
NHR54	2500	4JA1	DIE	84.05-86.09	GWIS-25A	8-94140341
NHR55,NKR55	2800	4JB1	DIE	84.05-86.09	GWIS-25A	8-94140341

ELF250

TLG12/22/34/42/52/62	2000	G201		69.01-79.12	GWIS-10A	5-13610038
TLD12/22/32/52/62	2200	C221		67.01-72.12	GWIS-10A	5-13610038
TLD13/23/33/43/53/63	2400	C240		69.01-81.07	GWIS-10A	5-13610038
TLD23	2400	C240		81.07-84.07	GWIS-10A	5-13610179
KT24	2800	4BA1	DIE	80.02-80.10	GWIS-16A	5-13610187
KT24	2800	4BA1	DIE	80.10-84.07	GWIS-37A	5-13610184
NKR55	2800	4JB1	DIE	84.05-94.12	GWIS-25A	8-94140341
NKR56	2800	4BA1	DIE	84.05-86.05	GWIS-35A	8-94129554
TLD24/34/44/54/64	2800	4BA1	DIE	73.01-76.12	GWIS-17A	9-13617636
TLD24/34/44/54/64	2800	4BA1	DIE	76.01-79.03	GWIS-17A	5-13610041
TLD24/34/44/54/64	2800	4BA1	DIE	79.03-80.10	GWIS-16A	5-13610150
TLD24/34/44/54/64	2800	4BA1	DIE	80.10-84.07	GWIS-37A	5-13610184
KT15/25/35/45	3300	4BC1	DIE	80.02-80.09	GWIS-16A	5-13610187
KT15/25/35/45	3300	4BC1	DIE	80.10-84.06	GWIS-37A	5-13610184
KT16/26/36/46	3300	4BC2	DIE	80.10-84.07	GWIS-37A	5-13610184
KT16/26/36/46,TLD26/46/56/66/76	3300	4BC2	DIE	81.07-84.07		5-13610199
NKR57	3300	4BC2	DIE	84.05-94.12	GWIS-35A	8-94129554
TLD26/45/55/65	3300	4BC1	DIE	80.06-84.07	GWIS-37A	5-13610184
TLD26/46/56/66/76	3300	4BC1	DIE	81.07-84.07	GWIS-37A	5-13610184
TLD45/55/65/76	3300	4BC1	DIE	78.12-80.05	GWIS-16A	5-13610187
NKR58	3600	4BE1	DIE	84.05-94.12	GWIS-35A	8-94129554
NKR63	3600	4BE2	DIE	89.07-94.12		8-94380694
NKR61	4300	4BG1	DIE	89.07-94.12	GWIS-35A	8-94379924

ELF350

	3300	4BE1	DIE	84.05-94.12	GWIS-35A	8-94129554
KS11/21/31	3600	4BB1		73.01-78.12	GWIS-17A	5-13610027
KS11/21/31/41	3600	4BB1		79.01-80.01		5-13610151
KS12/22/32/42	3900	4BD1		80.01-84.05		5-13610171
NPR59	3900	4BD1		84.05-90.06	GWIS-35A	8-94129554
NPR61	4300	4BG1	DIE	88.09-90.08	GWIS-35A	8-97018556

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FARGO

WFR10DV	1600	4ZA1	GAS	81.01-82.07	GWIS-26A	8-94376848
WFR10DV	1600	4ZA1		82.01-82.06	GWIS-26A	8-94232082
WFR11DV	1800	4ZB1	GAS	82.03-85.12	GWIS-26A	8-94376848
WFR11FV	1800	4ZB1	GAS	81.08-85.12	GWIS-26A	8-94376848
WFR11FV	1800	4ZB1		82.06-86.01	GWIS-26A	8-94232082
WFR50DV	1800	4FB1	DIE	81.01-82.07	GWIS-19A	8-97010200
	1800	4FB1	DIE	81.01-82.06	GWIS-19A	8-94240089
JCPGE24,JVPE24,JVPGE24	2000	KA20DE	GAS	99.06-01.05	GWIS-41A	5-86132944
JVTGE24	2000	NA20S	GAS	96.08-99.06	GWIS-41A	5-86132944
NFR12DT	2000	4ZC1	GAS	88.08-94.06	GWIS-29A	8-97084505
WFR12DV	2000	4ZC1	GAS	85.12-95.08	GWIS-29A	8-97084505
WFR12FV/FVH	2000	4ZC1	GAS	87.10-95.08	GWIS-29A	8-97084505
WFR51DV	2000	4FC1	DIE	82.03-83.11	GWIS-36A	8-94471469
WFR51DV	2000	4FC1	DIE	82.03-83.11	GWIS-19A	8-97010200
WFR51DV/DVZ/DW/FV/FVZ	2000	4FC1	DTB	84.01-85.12	GWIS-36A	8-94471469
WFR51DVZ/FVH/FVZ	2000	4FC1T	DTB	85.12-88.11	GWIS-36A	8-94471470
WFR51DW	2000	4FC1	DIE	81.01-85.12	GWIS-19A	8-97010200
WFR51DW	2000	4FC1	DIE	82.07-88.11	GWIS-36A	8-94471469
WFR51DW,WFS51DW	2000	4FC1	DIE	85.12-88.11	GWIS-36A	8-94471470
WFR51DW,WFS51DW	2000	4FC1T	DTB	85.12-90.12	GWIS-36A	8-94471470
WFR51FBH	2000	4FC1	DIE	81.08-83.12	GWIS-36A	8-94471469
WFR51FBH	2000	4FC1	DIE	81.08-83.12	GWIS-19A	8-97010200
WFR51FV	2000	4FC1	DIE	81.08-85.12	GWIS-36A	8-94471469
WFR51FV	2000	4FC1	DIE	81.08-85.12	GWIS-19A	8-97010200
WFR51FVH	2000	4FC1	DIE	81.08-83.11	GWIS-36A	8-94471469
WFR51FVH	2000	4FC1	DIE	81.08-83.11	GWIS-19A	8-97010200
WFS51DV/FV/FVH	2000	4FC1T	DTB	85.12-88.11	GWIS-36A	8-94471470
WFS51DW	2000	4FC1	DIE	84.11-88.11	GWIS-36A	8-94471469
WFS51DW	2000	4FC1	DTB	84.11-85.12	GWIS-36A	8-94471469
	2000	4FC1	DIE	81.01-83.03	GWIS-19A	8-94240089
	2000	4FC1	DIE	83.03-94.01	GWIS-28A	8-97010201
	2000	4FC1	DIE	84.11-94.12	GWIS-36A	8-94415090
	2000	4FC1(T)	DIE	84.11-94.12	GWIS-36A	8-94411901
	2000	4ZC1		86.01-88.11	GWIS-29A	8-94155065
	2000	4ZC1		86.01-88.11	GWIS-29A	8-94155065
WFR53DV	2200	4FD1	DTB	83.10-85.12	GWIS-36A	8-94471469
WFR53DV/FV/FVH,WFS53DV/FV	2200	4FD1	DIE	83.10-88.11	GWIS-36A	8-94471469
WFR53FBH	2200	4FD1	DIE	83.12-88.11	GWIS-36A	8-94471469
WFS53FVH	2200	4FD1	DIE	83.11-88.11	GWIS-36A	8-94471469
	2200	4FD1	DIE	83.11-84.12	GWIS-28A	8-97010201
	2200	4FD1	DIE	84.01-94.12	GWIS-36A	8-94415090
JCQGE24	2400	KA24DE	GAS	99.06-01.05		5-86135594
JCQGE24	2400	KA24DE	GAS	99.06-01.05		5-86144817
	2400	4FG1	DIE	87.01-94.12	GWIS-36A	8-94471470
NFR62DT,NFS62DT	2400	4FG1	DIE	88.08-94.06	GWIS-36A	8-94471470
WFR62DV/FV/FVH	2400	4FG1	DIE	87.10-95.08	GWIS-36A	8-94471470
WFR62DW,WFS62DW	2400	4FG1	DIE	90.12-93.08	GWIS-36A	8-94471470
WFR62DW,WFS62DW	2400	4FG1T	DTB	93.08-95.08	GWIS-36A	8-94471470
WFR62FBH	2400	4FG1	DIE	88.01-95.08	GWIS-36A	8-94471470
WFS62DV/FV/FVH	2400	4FG1	DIE	87.10-95.08	GWIS-36A	8-94471470
WFS62FBH	2400	4FG1	DIE	88.11-95.08	GWIS-36A	8-94471470
JARE24	2700	TD27TI	DTB	95.08-97.05		5-86144815
JARME24	2700	TD27TI	DTB	95.08-97.05		5-86140560
JCRGE24,JCRMGE24,JDRGE24	2700	TD27	DIE	95.08-97.05		5-86144815
JCRGE24,JCRMGE24,JVRE24	2700	TD27	DIE	96.08-97.05		5-86140560
JDRMGE24,JVRE24,JVRGE24	2700	TD27	DIE	95.08-97.05		5-86144815
JKRGE24	2700	TD27	DIE	95.08-99.06		5-86144815
JKRGE24	2700	TD27TI	DTB	97.05-99.06		5-86144815
JKRMGE24	2700	TD27	DIE	95.08-99.06		5-86140560
JVRGE24,JVRME24,JVRMGE24	2700	TD27	DIE	96.08-97.05		5-86140560
JVRME24	2700	TD27	DIE	95.08-97.05		5-86144815
JCEGE24	3000	VG30E	EGI	99.06-01.05	GWN-59A	5-86129016

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FARGO

JFEGE24	3000	VG30E	EGI	95.08-99.06	GWN-59A	5-86129016
JCWBE24,JCWMGE24,JDWGE24	3200	QD32	DIE	97.05-99.06		5-86133439
JCWGE24,JVWE24,JVWGE24	3200	QD32	DIE	96.08-99.06		5-86133439
JCWGE24,JVWE24,JVWGE24	3200	QD32	DIE	96.08-01.05		5-86144815
JCWMBE24,JDWGE24	3200	QD32	DIE	97.05-99.06		5-86135399
JCWMGE24,JVWME24,JVWMGE24	3200	QD32	DIE	97.05-01.05		5-86135399
JDWGE24	3200	QD32	DIE	99.06-01.05		5-86144815
JDWMGE24	3200	QD32	DIE	99.06-01.05		5-86135399
JTWGE24,JVWME24	3200	QD32	DIE	97.05-99.06		5-86133439
JVWMGE24	3200	QD32	DIE	96.08-97.05		5-86135543
JVWMGE24	3200	QD32	DIE	96.08-97.05		5-86140560

FASTER

KB20	1600	G161Z		76.01-80.10	GWIS-01A	8-94202477
KBD20/40	2000	C190		78.06-80.10	GWIS-20A	5-13610124
KBD21/22/25/26/40/41/46	2000	C190		80.10-88.05	GWIS-20A	8-94120768
KBD22/27	2200	C223		85.04-88.05	GWIS-20A	8-94120768

FIRRY

JATE50,JATWE50	3000	ZD30DT	DTB	99.08-02.03		5-86140574
JAVE50,JAVWE50	3200	QD32ET	DTB	97.07-99.08		5-86140575
JALE50,JALWE50	3300	VG33E	EGI	98.10-02.03		5-86144816
JAPE50,JAPWE50	3500	VQ35DE	EGI	00.09-02.03	GWN-51A	5-86127057

FLORIAN

PA20	1600	G161		70.01-75.12	GWIS-14A	9-13617637
PA20V	1600	G161Z		76.01-83.08	GWIS-01A	8-94202477
PA30	1800	G180		70.01-75.12	GWIS-14A	9-13617637
PA30	1800	G180Z		76.01-83.08	GWIS-01A	8-94202477
PAD30	2000	G190		77.11-83.03	GWIS-20A	8-94120768

FORWARD0

FRR11	5800	6BD1		84.01-06.01		1-13610428
FRR12	6500	6BG1		84.01-06.01		1-13610428
FRR12	6500	6BG1		84.01-06.01		1-13610592
FRR13	6500	6SA1		84.01-06.01		1-13610602

GEMINI

JT150	1500	4XC1		85.03-90.02	GWIS-30A	8-94109591
JT150	1500	4XC1	GAS	85.05-90.02	GWIS-30A	8-94109591
JT150	1500	4XC1	GAS	85.05-90.02	GWIS-30A	8-94376866
JT150	1500	4XC1T	TBO	86.06-90.02	GWIS-30A	8-94109591
JT150	1500	4XC1T	TBO	86.06-90.02	GWIS-30A	8-94376866
JT151F	1500	4XC1		90.02-93.09	GWIS-33A	8-97031472
JT151F	1500	4XC1	EGI	90.02-93.09	GWIS-33A	8-97031472
JT600	1500	4EC1	DIE	85.11-90.02		8-94124093
JT600	1500	4EC1T	DTB	85.11-90.02		8-94124093
JT600	1500	4EC1	DIE	87.02-90.02		8-94376867
JT600	1500	4EC1	DIE	87.02-90.02		8-97110386
JT600	1500	4EC1T	DTB	87.02-90.02		8-94376867
JT600	1500	4EC1T	DTB	87.02-90.02		8-97110386
JTD77	1500	4EC1	DIE	85.03-85.06	GWIS-30A	8-94109591
JTD77	1500	4EC1	DIE	85.07-89.05		8-94124093
MJ3	1500	D15B	PFI	95.02-95.10	GWIS-40A	5-86003639
MJ3	1500	D15B	PFI	95.10-98.03		5-86008903
MJ4	1500	D15B	PFI	97.01-00.06	GWIS-38A	5-86008904
	1500	D15B		95.01-	GWIS-40A	5-86003639
JT190	1600	4XE1		88.03-89.04	GWIS-01A	8-94437048
JT190	1600	4XE1	EGI	88.03-90.02		8-94360200
JT190	1600	4XE1	EGI	88.03-90.02	GWIS-01A	8-94437048
JT190/191	1600	4XE1		89.05-94.12	GWIS-32A	8-97360200
JT191F	1600	4XE1	EGI	90.02-93.09	GWIS-32A	8-97031473

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GEMINI

JT191S	1600	4XE1T	TBO	90.02-93.09	GWIS-32A	8-97031473
MJ1	1600	ZC	PFI	93.09-95.10	GWIS-40A	5-86003639
MJ1/2	1600	ZC	PFI	93.09-95.10	GWIS-39A	5-86003637
MJ1/2	1600	ZC	PFI	93.09-95.10	GWIS-39A	5-86003638
MJ1/2	1600	ZC	PFI	95.10-98.03	GWIS-38A	5-86008904
MJ5/6	1600	D16A	PFI	97.01-00.06	GWIS-38A	5-86008904
PF50	1600	G161Z		74.10-84.12	GWIS-01A	8-94202477
	1600	ZC		93.01-95.12	GWIS-39A	5-86003637
	1600	ZC		93.01-95.12	GWIS-39A	5-86003638
	1600	ZC		93.01-95.12	GWIS-40A	5-86003639
JT641	1700	4EE1		90.03-94.12		8-97018080
JT641F	1700	4EE1T	DTB	90.02-93.09		8-97106002
JT641S	1700	4EE1T	DTB	91.09-93.09		8-97106002
PF60	1800	G180Z		77.01-87.12	GWIS-01A	8-94202477
PF60	1800	G180W		79.01-87.12	GWIS-14A	5-13610105
PFB60,PFD60	1800	4FB1	DIE	79.01-87.02	GWIS-19A	8-94240378
					GWIS-40A	5-86003640

HIPACVAN

UFR52	2200	C223	DIE	83.01-	GWIS-20A	8-94120768
					GWIS-20F	8-94244409

JORNEY

BGL22/24	2000	G201		70.01-79.12	GWIS-10A	5-13610038
KAD51	2000	C190		73.01-81.08	GWIS-15A	5-13610012
CLD22	2200	C221		68.01-70.12	GWIS-10A	5-13610038
BLD24	2400	C240		73.01-79.12	GWIS-10A	5-13610038
KAD52	2400	C240		79.01-81.08	GWIS-10A	5-13610038
KAD52	2400	C240		81.08-81.12	GWIS-10A	5-13610179
BLD30	2800	4BA1		73.01-79.12	GWIS-17A	5-13610041
BLD30	2800	4BA1		79.01-80.12	GWIS-16A	5-13610150
BLD35	3300	4BC1		80.01-80.10	GWIS-16A	5-13610187
BLD35	3300	4BC1		80.10-83.07	GWIS-37A	5-13610184
BR20	3600	4BB1		73.01-78.10	GWIS-17A	5-13610027
BR20	3600	4BB1		78.11-80.02		5-13610151
BR22	3900	4BD1		80.01-06.01		5-13610171
BK32	5400	6BB1		75.09-78.04		5-13610026
DBR370/500	5400	6BB1		78.04-84.03		5-13610026

MU

UCS17DH	2600	4ZE1	GAS	89.04-92.10	GWIS-31A	8-97081623
UCS17DW	2600	4ZE1	GAS	89.04-93.10	GWIS-31A	8-97081623
UCS55DW,UCS55DWM	2800	4JB1	DIE	90.07-93.10	GWIS-45A	8-97105012
UES73EW	3000	4JX1	DD	98.05-01.07		8-97180326
UCS69DWM	3100	4JG2	DTB	93.10-98.07	GWIS-45A	8-97105012
UCS69GW	3100	4JG2	DIE	95.12-98.07	GWIS-45A	8-97105012
UES25EW	3200	6VD1	EGI	00.05-12.01	GWIS-44A	8-97167554

PA-NERO

JT151F	1500	4XC1	EGI	91.11-93.09	GWIS-33A	8-97031472
JT191F	1600	4XE1	EGI	90.04-93.09	GWIS-32A	8-97031473
JT191S	1600	4XE1T	TBO	91.03-92.10	GWIS-32A	8-97031473
JT191S	1600	4XE1	TBO	91.11-92.10	GWIS-32A	8-97031473

PIAZZA

JT221F	1800	4XF1		91.07-93.09	GWIS-33A	8-97031472
JT221F	1800	4XF1	EGI	91.07-93.09	GWIS-33A	8-97031472
JR120	2000	4ZC1	TBO	84.06-90.06		8-94376845
JR130	2000	G200W		81.05-	GWIS-14A	5-13610105
JR130	2000	G200Z		81.05-	GWIS-01A	8-94202477
JR130	2000	G200	EGI	81.06-87.09	GWIS-14A	5-13610105
JR130	2000	G200	EGI	81.06-88.09	GWIS-01A	8-94224894

ISUZU

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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RODEO

KBD42/47	2200	C223	DIE	82.12-88.05	GWIS-20A	8-94120768
	2999			05.01-14.01	GWIS-50A	8-97312147-3
X22SE	2180			98-03	GWIS-53A	8-90322506-0

VEHICROSS

UGS25DW	3200	6VD1	EFI	97.03-99.02	GWIS-44A	8-97167554
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WIZARD

UES73FW	3000	4JX1	DD	98.03-02.09		8-97180326
UER25FW	3200	6VD1	EGI	99.02-02.09	GWIS-44A	8-97167554
UES25FW	3200	6VD1	EGI	98.03-02.09	GWIS-44A	8-97167554

TRUCK

					GWIS-51A	8-97627357
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EXPORT MODEL

GWIS-21F (1-21650-062-0) KOREA
 GWIS-22A (8-94146-326-0) TROOPER 4ZD1(2300cc) USA
 GWIS-27A INDUSTRIAL(USA)

KOREAN CAR (HYUNDAI)WP

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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ACCENT

ACCENT 1.5L	1495	G4EK		00.01-	GWHY-17A	25100-22010
ACCENT 1.4L	1399	G4EE		95.10-00.01	GWHY-23A	25100-26015
ACCENT 1.3L	1341	G4E-A		02.12-	GWHY-17A	25100-22010
ACCENT 1.3L	1341	G4EH		94.10-00.01	GWHY-17A	25100-22010
ACCENT 1.5L	1500	D4FA	CRDi	02.01-05.11	GWHY-20A	25100-27000
ACCENT II(LC)	1500	D3-EA		02.04-	GWHY-20A	25100-27000
ACCENT III 1.5L	1500	D4FA	CRDi	05.11-	GWHY-61A	25100-2A000

ATOZ

ATOS(MX), ATOS PRIME(MX), D4FB	1100	G4HG		98.02-02.03	GWHY-19A	25100-02500
ATOZ	999	G4HC-E		98.02-02.03	GWHY-19A	25100-02500

AVANTE

AVANTE (XD)1.6L	1600	D4FB	CRDi	06.02-	GWHY-61A	25100-2A000
AVANTE (ELANTRA)	1495	MPI SOHC		02.09-	GWHY-17A	25100-22010
AVANTE (ELANTRA)	1599	G4ED-G		00.06-	GWHY-23A	25100-26015
AVANTE(XD) 2.0L	2000	D4EA	CRDi	01.04-	GWHY-20A	25100-27000
AVANTE(XD) 2.0L	2000	G4GC-G		00.06-	GWHY-42A	25100-23001

CLICK

CLICK	1086	G4HD		02.09-	GWHY-19A	25100-02500
CLICK	1400	G4EE		05.08-	GWHY-23A	25100-26015
CLICK(TB) 1.5L	1500	D4FA	CRDi	05.08-	GWHY-61A	25100-2A000
CLICK(GETZ)	1341	G4E-A		02.09-04.03	GWHY-17A	25100-22010
CLICK(TB)	1100	G4HG		02.09-	GWHY-19A	25100-02500
CLICK(TB) 1.5L	1500	D3EA	CRDi	03.03-	GWHY-20A	25100-27000

COUPE

COUPE(RD) 1.6L	1600	G4CR		98.03-02.04	GWHY-35A	25100-23001
COUPE(RD) 2.0L	2000	G4GF		96.08-02.04	GWHY-35A	25100-23001

EQUUS

EQUUS[LZ4.5]	4500	V8MPI			GWHY-12A	25100-3B300
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EXCEL

EXCEL	1300	G15B		92.12-94.09	GWHY-17A	25100-22010
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GALLOPER

GALLOPER II [JK-01] 2.5TD	2476	D4BH		98.08-	GWHY-111A	25100-42700
GALLOPER II 2.5 TD	2500	D4BH		98.08-	GWHY-107A	25100-42000

GRACE

GRACE 2.4	2400	L4CS		97.10-	GWHY-109A	25100-32000
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GRANDEUR

GRANDEUR (TG) 2.2L	2200	D4EB	CRDi	06.06-	GWHY-36A	25100-27400
GRANDEUR (XG) 3.0L	3000	G6CT-G		98.12-	GWHY-43A	25100-39010
GRANDEUR (XG) 3.5L	3500	G6CU		03.04-	GWHY-43A	25100-39010

H-1BUS [STAREX]

H-1 BUS 2.5L	2500		CRDi	07.01-	GWHY-70A	25100-4A000
H-1 BUS(KMF) 2.4L	2351	G4CS		97.10-	GWHY-109A	25100-32000
H-1 BUS(KMF) 2.5TD	2476	D4BH		99.10-01.11	GWHY-111A	25100-42700
H-1 BUS(KMF) 2.4L (4WD)	2400	G4CS		97.10-	GWHY-22A	25100-38450
H-1 BUS(KMF) 2.5L	2500	D4CB	CRDi	02.12-	GWHY-70A	25100-4A000
H-1 CARGO 2.5 [STAREX VAN TYPE]	2500		CRDi	08.02-	GWHY-70A	25100-4A000

H-100 [PORTER]

H100 BOX 2.5D	2500	D4BX,D4BA		94.12-00.03	GWHY-107A	25100-42000
H100 BUS 2.4	2351	G4CS		93.07-00.03	GWHY-109A	25100-32000
H100 BUS 2.5D/TD	2500	D4BX,D4BA		93.07-00.03	GWHY-107A	25100-42000

KOREAN CAR (HYUNDAI)WP

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
HIGHWAY VAN [TRAJET]						
HIGHWAY VAN [TRAJET 2.0(FO)]	2000	G4GC		03.11-04.02	GWHY-11A	25100-38002
i10						
i10 1.1L	1120	D3FA	CRDi	08.01-	GWHY-61A	25100-2A000
i10(PA) 1.2	1248			11.08-	GWHY-110A	25100-03010
i20						
i20	1396	G4FC		09.08-	GWHY-85A	25100-2B000
i30						
i30		G4GC-G		07.10-	GWHY-35A	25100-23001
i30	2000	G4GC-G		07.10-	GWHY-42A	25100-23001
i30	1591	G4FA		07.10-	GWHY-85A	25100-2B000
i30 1.6CRDi	1600	D4FB		07.10-	GWHY-61A	25100-2A000
i30 2.0CRDi	2000	D4EA		07.10-	GWHY-20A	25100-27000
i30 2.0CRDi	2000	D4EA		07.10-	GWHY-36A	25100-27400
i30 CW		G4GC-G		08.02-	GWHY-35A	25100-23001
i30 CW Estate	1591	MPI DOHC		08.02-	GWHY-85A	25100-2B000
i30 CW Estate	2000	G4GC-G		08.02-	GWHY-42A	25100-23001
IX55 [VERACRUZE]						
IX55[VERACRUZE] 3.0L V6	3000	D6EA	CRDi	08.09-	GWHY-67A	25100-3A100
LAVITA						
LAVITA(FC)1.5L	1500	D3EA	CRDi	01.10-	GWHY-20A	25100-27000
LAVITA	1600	G4ED-G	DOHC	01.06-	GWHY-23A	25100-26015
LAVITA(FC) 1.5L	1500	D4FA	CRDi	04.12-	GWHY-61A	25100-2A000
MIGHTY						
MIGHTY 2.5TON	2500	D4AF			GWHY-106A	25100-41000
MIGHTY 3.5TON	3500	D4AK			GWHY-106A	25100-41000
SONATA						
SONATA[Y-Ⅱ]					GWHY-130A	25100-36000
TUCSON						
TUCSON (JM) 2.0L	2000	G4GC		04.08-05.12	GWHY-42A	25100-23011
TUCSON (JM) 2.0L All-wheel Drive	2000	G4GC	4×4	04.08-05.12	GWHY-42A	25100-23011
TUCSON (JM) 2.0L	2000	D4EA	CRDi	04.08-06.01	GWHY-20A	25100-27000
TUCSON (JM) 2.0L CRDi All-wheel Drive	2000	D4EA	4×4	04.08-	GWHY-20A	25100-27000
TUCSON (JM) 2.7L All-wheel Drive	2700	G6BA-G	4×4	04.08-	GWHY-45A	25100-37102

KOREAN CAR (KIA)WP

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
ASIA						
ASIA					GWK-20A	AA10015010A
AVELLA						
AVELLA DOHC	1498				GWK-71A	OK93715010
AVELLA SOHC	1500				GWK-31A	KKY0115010D
BESTA						
BESTA 2.2D	2184	R2		96.02-	GWK-52A	RF951-5010
BESTA 2.7	2700				GWK-24A	OVN0115100B
BESTA BOX [TB] 2.7D	2665	J2		97.10-	GWK-15A	OK65A15100A
BONGO						
BONGO FRONTIER	2655	J2/ JT			GWK-15A	OK65A15100A
BONGO WIDE	2800				GWK-23A	OK70615010
CARENS						
CARENS I [FC] 1.8i	1793	T8		00.11-02.07	GWK-25A	25100-2Y000
CARENS II [FJ] 1.6	1594	T8		02.07-	GWK-25A	25100-2Y000
CARENS II [FJ] 1.8	1793	T8		02.07-	GWK-25A	25100-2Y000
CARENS II [FJ] 2.0	2000	D4EA	CRDi	02.07-	GWHY-20A	25100-27000
CARNIVAL						
CARNIVAL 2.5 V6	2500			99.08-01.10	GWK-21A	OK9BV15010
CARNIVAL II 2.5 V6	2500	K5		01.10-	GWK-21A	OK9BV15010
CARSTAR						
CARSTAR	2000	G4CP-D		00.02-	GWHY-08A	25100-32120
JOICE	2000	G4CP-D		00.02-	GWHY-08A	25100-32120
CEED						
CEED HATCHBACK	2400			06.12-	GWHY-85A	25100-2B000
CEED ESTATE				07.09-	GWHY-85A	25100-2B000
PRO CEED				08.02-	GWHY-85A	25100-2B000
CEED	1600	D4FB	CRDi	06.12-	GWHY-61A	25100-2A000
CEED(ED)		G4GC		06.12-	GWHY-42A	25100-23001
CEED 2.0L	2000	D4EA-F	CRDi	07.09-	GWHY-36A	25100-27400
CERES						
CERES	2400				GWK-23A	OK70615010
CERATO						
CERATO	1500	D4FA	CRDi	05.07-	GWHY-61A	25100-2A000
CERATO 2.0	2000	D4EA	CRDi	04.04-	GWHY-20A	25100-27000
CREDOS						
CLARUS Estate 1.8i	1793	T8		98.05-	GWK-25A	25100-2Y000
CREDOS [CLARUS]- DOHC	1998	FE			GWK-19A	25100-3X000
CREDOS [K9A] 1.8i	1793	T8		96.07-	GWK-25A	25100-2Y000
CREDOS 2.0 SOHC	2000	SOHC			GWK-32A	0FE1H15010G
CONCORD						
CONCORD					GWK-32A	0FE1H15010G
JUMBO						
JUMBO	3500				GWK-40A	8AW215100
K2700 [SD] 2.7D	2665	J2		99.10-	GWK-15A	OK65A15100A
MOHAVE						
MOHAVE 3.0 V6	3000	D6EA	CRDi	08.09-	GWHY-67A	25100-3A100

KOREAN CAR (KIA)WP

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
OPIRUS						
OPIRUS GH3.5	3500			03.09-	GWHY-43A	25100-39010
OPIRUS [GH] 2.7	2700	G6BV		03.10-06.09-	GWHY-45A	25100-37102
OPTIMA						
OPTIMA[MAGENTIS]	2000	G4JP		01.05-	GWHY-11A	25100-38002
OPTIMA[MAGENTIS] V6	2500	G6BV		01.05-	GWHY-11A	25100-38002
OPTIMA[MAGENTIS]	2500	G6BV		01.05-	GWHY-45A	25100-37102
OPTIMA 2.0	2000	D4EA	CRDi	06.04-	GWHY-36A	25100-27400
PICANTO						
PICANTO	1120	D3FA	CRDi	05.11-	GWHY-61A	25100-2A000
PICANTO[BA]	1000	G4HE		04.04-	GWHY-19A	25100-02500
PRIDE						
PRIDE [DA] 1.1i	1138	B1		91.01-	GWK-17A	OK24A15010
PRIDE [DA] 1.1i	1138	B1		91.01-94.09	GWK-31A	KKY0115010D
PRIDE [DA] 1.3i	1324	B3		90.01-	GWK-17A	OK24A15010
PRIDE [DA] 1.3i	1324	B3		90.01-00.07	GWK-31A	KKY0115010D
PRIDE Estate 1.3	1324			99.08-	GWK-17A	OK24A15010
RETONA						
RETONA [CE] 2.0TD	2000	RF		99.06-	GWK-02AH	OK04R15010
RIO						
RIO [DC] 1.3	1324	B3		00.09-05.02	GWK-31A	KKY0115010D
RIO [DC] 1.5	1493	B5		00.09-05.02	GWK-31A	KKY0115010D
RIO II 1.5	1493	D4FA	CRDi	05.03-	GWHY-61A	25100-2A000
RIO	1500			01-02	GWK-26A	25124-2X000
ROCSTA						
ROCSTA 1.8i	1789	F804		93.06-	GWK-22A	OK90015010G
ROCSTA 1.8i [ASIA]	1789	F804		93.06-	GWK-19A	25100-3X000
SEPHIA						
SEPHIA [FA] 1.5	1493	B5		96.02-	GWK-31A	KKY0115010D
SEPHIA [FA] 1.5i	1498	B5		96.02-	GWK-17A	OK24A15010
SEPHIA [FA] 1.6	1598	B6		95.01	GWK-31A	KKY0115010D
SEPHIA [FA] 1.6i	1598	B6		95.01-	GWK-17A	OK24A15010
SEPHIA [FA] 1.8i	1793	T8		95.01-	GWK-25A	25100-2Y000
SEPHIA II	1498	DOHC			GWK-71A	OK93715010
SHUMA						
SHUMA [FA] 1.5	1498	OK280		97.10-01.03	GWK-71A	OK93715010
SHUMA [FB] 1.6	1600			01.01-01.12	GWK-17A	OK24A15010
SHUMA [FB] 1.8i	1800	T8		97.10-01.03	GWK-17A	OK24A15010
SHUMA [FB] 1.8i	1793	T8		97.10-01.03	GWK-25A	25100-2Y000
SHUMA II [FB] 1.8	1793	T8		03.04-04.08	GWK-25A	25100-2Y000
SHUMA[FA] 1.5	1498	OK280		97.10-01.03	GWK-71A	OK93715010
SORENTO						
SORENTO(JC)-2.T	2400	G4JS		02.08-	GWHY-22A	25100-38450
SORENTO(JC) 3.5V6	3500	G6CU		02.08-06.04	GWHY-44A	25100-39800
SORENTO(JC)	2500	G4JS		02.08-	GWHY-70A	M251004A000
SORENTO(JC) 3.5V6	3500	G6CU		02.08-	GWHY-70A	M251004A000
SPORTAGE						
SPORTAGE [K00] 2.0	1998	FE		94.04-99.08	GWK-19A	25100-3X000
SPORTAGE [JE] 2.0	2000	G6BA	CRDi	05.02-	GWHY-20A	25100-27000
SPORTAGE [K00] 2.0TD	2000	RF		97.10-03.08	GWK-02AH	OK04R15010
SPORTAGE[JE] 2.0	2000	D4EA	CRDi	06.01-	GWHY-36A	25100-27400
SPORTAGE[JE] 2.0	2000			04.09-	GWHY-42A	25100-23001
SPORTAGE [JE] 2.7	2700	G6BA		04.09-	GWHY-45A	25100-37102

KOREAN CAR (KIA)WP

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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TOPIC

TOPIC					GWK-13A	135515010B
TOPIC	1324	B3			GWK-18A	OK63115100
					GWK-27A	K80015010

KOREAN CAR (DAEWOO) WP

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
AVEO						
AVEO [T200,T250] 1.4L	1399	F14D3		06.03-	GWDW-92A	96352650
BROUGHAM						
BROUGHAM					GWDW-10A	90220568
CIELO						
CIELO 1.5L	1500	Y15L		95.04-97.07	GWDW-13A	90325660
CIELO DOHC	1600				GWDW-87A	96352649
DAMAS						
DAMAS 0.8L	796			95.03-98.07	GWDW-39A	17400A70D04
EPICA						
EPICA 2.0L	2000	X 20 D1		05.01-06.12	GWDW-18A	96353151
ESPERO						
ESPERO [KLEJ] 1.5L	1500			97.10-99.09	GWDW-13A	90325660
ESPERO [KLEJ] 1.5L	1498	A15MF		93.10-94.09	GWDW-88A	90351284
ESPERO [KLEJ] 1.5L 16V	1498	A15MF		95.02-99.06	GWDW-46A	90234200
ESPERO 1.5L	1500	A15MF		93.10-94.09	GWDW-87A	96352649
ESPERO 1.8L	1800	C18LE		95.02-99.09	GWDW-10A	90220568
ESPERO 1.8L	1800	KLEJ		95.02-99.09	GWDW-11A	90284802
ESPERO 2.0L	2000	KLEJ		95.02-99.06	GWDW-11A	90284802
KALOS						
KALOS [KLAS] 1.4L	1399	F14D3		03.04-	GWDW-92A	96352650
KALOS 1.2L	1150	B12S1		05.03-	GWDW-38A	96518977
KALOS 1.4L	1399	F14S3		05.03-	GWDW-90A	96352648
KALOS 1.4L 16V	1399	F14D3		05.03-	GWDW-92A	96352650
LABO						
LABO	796				GWDW-39A	17400A70D04
LACETTI						
LACETTI 1.4L 16V	1399	F14D3		05.03-	GWDW-92A	96352650
LACETTI 1.8L	1800	T18SED		05.08-	GWDW-18A	96353151
LACETTI Saloon[J200] 1.8L	1761			03.08-04.12	GWDW-91A	96230587
LANOS						
LANOS [KLAT] 1.4L -SOHC	1399	F14S3		02.09-	GWDW-90A	96352648
LANOS [KLAT] 1.5L -SOHC	1498	A15SMS		97.05-	GWDW-90A	96352648
LANOS [KLAT] 1.6L	1598			97.05-	GWDW-88A	90351284
LANOS 1.6L	1600	A16DMS		97.05-	GWDW-87A	96352649
LANOS[KLAT] 1.6L	1598	A16DMS		97.05-	GWDW-46A	90234200
LEGANZA						
LEGANZA 2.0L	2000	T22SED		99.04-02.12	GWDW-96A	90322506
LEGANZA 2.2L	2200	T22SED		99.04-02.12	GWDW-12A	90281612
LEMANS [RACER] - SOHC	1500				GWDW-46A	90234200
MATIZ						
MATIZ 0.8L	796			98-02	GWDW-16A	90373189
MATIZ 0.8L	796	F8CV		05.03-	GWDW-38A	96518977
MATIZ 1.0L	995	B10S		05.03-	GWDW-38A	96518977
NEXIA						
NEXIA [KLETN] 1.5L	1498			95.02-97.08	GWDW-88A	90351284
NEXIA [KLETN] 1.5L 16V	1498	A15MF		95.02-97.08	GWDW-46A	90234200
NEXIA 1.5L	1500	G15MF		95.02-97.08	GWDW-13A	90325660
NEXIA 1.5L	1500	A15MF		95.02-97.08	GWDW-87A	96352649
NEXIA Saloon 1.5L	1500	G15MF		95.02-97.08	GWDW-13A	90325660

KOREAN CAR (DAEWOO) WP

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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NUBIRA

NUBIRA 1.6L	1600	F16D3		03.07-04.12	GWDW-12A	90281612
NUBIRA 1.6L	1600	A16DMS		00.07-	GWDW-87A	96352649
NUBIRA 1.6L - DOHC	1598	F16D3		05.03-	GWDW-92A	96352650
NUBIRA 1.8L	1800	T18SED		03.07-04.12	GWDW-12A	90281612
NUBIRA 1.8L	1800	T18SED		05.03-	GWDW-18A	96353151
NUBIRA 2.0L	2000			99-02	GWDW-96A	90322506

PRINCE

PRINCE 2.0L	2000			91.01-	GWDW-10A	90220568
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REZZO

REZZO [KLAU] 1.8L	1761			00.09-	GWDW-91A	96230587
REZZO 1.6L	1598	A16DMS		05.03-	GWDW-90A	96352648
REZZO 1.6L	1598	A16DMS		05.03-	GWDW-92A	96352650
REZZO 2.0L	2000	T20SED		05.03-	GWDW-12A	90281612
REZZO 2.0L	2000	T20SED		05.08-	GWDW-18A	96353151

SPARK

SPARK 0.8L	796	F8CV		05.05-	GWDW-38A	96518977
SPARK 1.0L	995			05.05-	GWDW-38A	96518977

TICO

TICO 0.8L	796	F8C		95.02-00.12	GWDW-38A	96518977
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MAZDA

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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ATENZA

GGEF/ES	2000	LFDE	EGI	02.05-05.06	GWMZ-58A	L327-15-100A
GGEF/ES,GYEW	2000	LFVE	EGI	05.06-07.12	GWMZ-58A	LF94-15-100A
GHEFP/FW	2000	LFVE	EGI	07.12-14.01	GWMZ-58A	LF94-15-100A
GHEFS	2000	LFVE	EGI	07.12-10.01	GWMZ-58A	LF94-15-100A
GYEW	2000	LFDE	EGI	02.06-05.06	GWMZ-58A	L327-15-100A
GJEFP	2000	PEVPR	DI	12.10-14.01		PE01-15-010B
GJEFW	2000	PEVPR	DI	12.09-14.01		PE01-15-010B
GJ2FP	2200	SHVPTR	DIE	12.09-14.01		SH01-15-010
GJ2FW	2200	SHVPTR	DIE	12.10-14.01		SH01-15-010
GG3P/3S	2300	L3VE	EGI	02.05-05.06	GWMZ-58A	L327-15-100A
GG3P/3S,GY3W	2300	L3VE	EGI	05.06-07.12	GWMZ-58A	LF94-15-100A
GY3W	2300	L3VE	EGI	02.06-05.06	GWMZ-58A	L327-15-100A
GH5AP/AS/AW,GH5FP/FS/FW	2500	L5VE	EGI	07.12-14.01	GWMZ-58A	LF94-15-100A
GJ5FP	2500	PYVPR	DI	12.10-14.01		PE01-15-010B
GJ5FW	2500	PYVPR	DI	12.09-14.01		PE01-15-010B

AXELA

BK5P	1500	ZYVE	EGI	03.10-14.01	GWMZ-57A	ZJ01-15-010B
BL5FP/FW	1500	ZYVE	EGI	09.06-11.08	GWMZ-57A	ZJ01-15-010B
BL5FP/FW	1500	ZYVE	EGI	11.08-14.01	GWMZ-57A	ZJ01-15-010C
BKEP	2000	LFDE	EGI	03.10-06.05	GWMZ-58A	L327-15-100A
BKEP	2000	LFVE	EGI	06.05-14.01	GWMZ-58A	LF94-15-100A
BLEAP/AW	2000	LFVE	EGI	09.06-14.01	GWMZ-58A	LF94-15-100A
BLEFP/FW	2000	LFVDS	DI	09.06-11.08	GWMZ-58A	LF94-15-100A
BLFFP/FW	2000	PEVPS	DI	11.08-14.01		PE01-15-010B
BK3P	2300	L3VE	EGI	03.10-06.05	GWMZ-58A	L327-15-100A
BK3P	2300	L3VE	EGI	06.05-14.01	GWMZ-58A	LF94-15-100A

AZ OFFROAD

JM23W	660	K6A	TBO	98.10-02.01	GWS-27A*	1A02-15-010A
JM23W	660	K6A	TBO	02.01-04.10	GWS-33A*	1A11-15-010A
JM23W	660	K6A	TBO	04.10-14.01		1A19-15-010A

AZ WAGON

CY21S,CZ21S	660	F6A	GAS	94.07-98.06	GWS-19A	AZ12-15-010B
CY21S,CZ21S	660	F6A	TBO	95.10-98.06	GWS-19A	AZ12-15-010B
CY51S,CZ51S	660	K6A	GAS	97.04-98.09	GWS-28A*	1A61-15-010B
CY51S,CZ51S	660	K6A	TBO	97.04-98.09	GWS-28A*	1A61-15-010B
MD11S	660	F6A	EPI	98.10-99.10	GWS-25A	1A00-15-010
MD11S	660	F6A	TBO	98.10-99.10	GWS-25A	1A00-15-010
MD11S	660	F6A	EPI	99.10-00.11	GWS-26A	1A04-15-010
MD11S	660	F6A	TBO	99.10-00.11	GWS-26A	1A04-15-010
MD12S	660	F6A	TBO	00.12-01.10	GWS-26A	1A04-15-010
MD21S	660	K6A	EPI	98.10-99.10	GWS-27A*	1A01-15-010A
MD21S	660	K6A	TBO	98.10-00.11	GWS-27A*	1A01-15-010A
MD21S	660	K6A	EPI	99.10-00.11	GWS-28A*	1A05-15-010A
MD22S	660	K6A	EPI	00.12-03.09	GWS-32AH	1A12-15-010C
MD22S	660	K6A	TBO	00.12-01.11		1A08-15-010C
MD22S	660	K6A	TBO	01.11-03.09	GWS-35AH	1A13-15-010C
MJ21S	660	K6A	EPI	03.10-07.05	GWS-38AH	1A14-15-010C
MJ21S	660	K6A	TBO	03.10-07.05	GWS-39AH	1A15-15-010C
MJ22S	660	K6A	EPI	07.02-08.09	GWS-38AH	1A14-15-010C
MJ22S	660	K6A	TBO	07.02-08.09	GWS-39AH	1A15-15-010C
MJ23S	660	K6A	EPI	08.09-14.01	GWS-38AH	1A14-15-010C
MJ23S	660	K6A	EPI	08.09-14.01	GWS-38AH	1A14-15-010D
MJ23S	660	K6A	TBO	08.09-14.01	GWS-39AH	1A15-15-010C
MJ23S	660	K6A	TBO	08.09-14.01		1A15-15-010D

AZ-1

PG6SA	660	F6A	TBO	92.10-96.05	GWS-19A	AZ12-15-010B
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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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AZ-3

EC5SA	1500	B5	GAS	91.06-98.01		B587-15-010A
ECPSA	1800	K8	EGI	93.09-98.01	GWMZ-43A	KL47-15-010C

B2300

B3000

	3000			95.01-98.12	GWMZ-45A	ZZM7-15-010
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B4000

	4000			94.01-98.12	GWMZ-47A	ZZM5-15-010
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BIANTE

CCEAW/EFW	2000	LFVD	DI	08.05-14.01	GWMZ-58A	LF94-15-100A
CCEFW	2000	LFVDS	DI	10.01-14.01	GWMZ-58A	LF94-15-100A
CCEAW	2000	LFVD	DI	13.05-14.01	GWMZ-58A	LF94-15-100A
CCEFW	2000	LFVDS	DI	12.01-12.05	GWMZ-58A	LF94-15-100A
CCEFW	2000	LFVDS	DI	12.05-13.05	GWMZ-58A	LF94-15-100A
CCFFW	2000	PEVPS	DI	13.05-14.01		PE01-15-010B
CC3FW	2300	L3VE	EGI	08.05-14.01	GWMZ-58A	LF94-15-100A

BONGO

FPA,FPAV,FPAH	1000	PB		68.08-77.10	GWMZ-08A	0706-15-010G
BA2T8	1300	TC		77.07-78.09	GWMZ-03A	0324-15-010D
BA2U8	1400	UC		78.09-83.12	GWMZ-03A	0324-15-010D
SE48T	1400	UC	GAS	84.02-87.08	GWMZ-03A	0324-15-010D
SE48T	1400	UC	GAS	84.02-87.08	GWMZ-03A	0324-15-010E
SE48T	1400	UC	GAS	84.02-90.06		D430-15-010
SS48V	1400	UC	GAS	83.09-87.08	GWMZ-03A	0324-15-010D
SS48V	1400	UC	GAS	83.09-87.08	GWMZ-03A	0324-15-010E
SS48V	1400	UC	GAS	83.09-90.06		D430-15-010
SS48V,SE48T	1400	UC		83.09-90.08	GWMZ-03A	0324-15-010D
SS48VF	1400	UC		83.09-87.09	GWMZ-03A	0324-15-010D
SE48TF	1400	UC		83.09-87.09	GWMZ-03A	0324-15-010D
SS48VF	1400	UC		87.09-90.08		8AS2-15-010
SE48TF	1400	UC		87.09-90.08		8AS2-15-010
SE58T,SS58V	1500	D5	GAS	90.07-95.09		D430-15-010
SS58VF	1500	D5		90.08-94.12		8AS2-15-010
BA2N8/N9	1600	NA		77.07-83.09	GWMZ-02A	0305-15-010D
BA2V8H	1800	VC		78.09-82.02	GWMZ-02A	0305-15-010E
BA2V8H	1800	VC		82.02-83.12		H806-15-010
SD89T	1800	F8		87.09-94.12	GWMZ-32A	8AK1-15-010
SD89T	1800	F8	GAS	83.12-87.08	GWMZ-29A	8AG1-15-010B
SD89T	1800	F8	GAS	83.12-87.08	GWMZ-25A	F801-15-010D
SD89T	1800	F8	GAS	83.12-87.08	GWMZ-29A	FE79-15-010J
SD89T	1800	F8		84.01-87.09	GWMZ-29A	FE79-15-010C
SD89T	1800	F8	GAS	87.09-99.06	GWMZ-71A	FEMJ-15-100
SE88M	1800	F8	GAS	85.09-87.08	GWMZ-29A	8AG1-15-010B
SE88M	1800	F8	GAS	85.09-87.08	GWMZ-29A	FE79-15-010J
SE88M,SS88M	1800	F8	GAS	87.09-99.05	GWMZ-71A	FEMJ-15-100
SE88T	1800	F8	GAS	95.08-99.05	GWMZ-71A	FEMJ-15-100
SK82L/82M/82T/82V	1800	F8E	EGI	99.05-07.08	GWMZ-71A	FEMJ-15-100
SK82L/82M/82T/82V	1800	F8	EGI	07.08-14.01	GWMZ-71A	FEMJ-15-100
SKP2L/2M/2T/2V	1800	L8	EGI	10.08-14.01	GWMZ-58A	LF94-15-100A
SR89V	1800	F8	GAS	83.05-87.08	GWMZ-29A	8AG1-15-010B
SR89V	1800	F8	GAS	83.05-87.08	GWMZ-25A	F801-15-010D
SR89V	1800	F8	GAS	83.05-87.08	GWMZ-29A	FE79-15-010J
SR89V	1800	F8	GAS	87.09-93.08	GWMZ-71A	FEMJ-15-100
SR89V/89T	1800	F8		83.05-85.02	GWMZ-25A	F801-15-010B
SR89V/89T/88M	1800	F8		85.02-90.08	GWMZ-29A	FE79-15-010C
SS88H	1800	F8	GAS	96.09-99.05	GWMZ-71A	FEMJ-15-100
SS88M,SR89V	1800	F8		90.08-94.12	GWMZ-32A	8AH2-15-010
SS88M/88R	1800	F8	GAS	84.10-87.08	GWMZ-29A	8AG1-15-010B

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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BONGO

SS88M/88R	1800	F8	GAS	84.10-87.08	GWMZ-25A	F801-15-010D
SS88M/88R	1800	F8	GAS	84.10-87.08	GWMZ-29A	FE79-15-010J
SS88V	1800	F8	GAS	95.08-96.09	GWMZ-71A	FEMJ-15-100
SS88W	1800	F8	GAS	83.09-87.08	GWMZ-29A	8AG1-15-010B
SS88W	1800	F8	GAS	83.09-87.08	GWMZ-25A	F801-15-010D
SS88W	1800	F8	GAS	83.09-87.08	GWMZ-29A	FE79-15-010J
SS88W/88R	1800	F8		83.09-87.09	GWMZ-25A	F801-15-010B
SS88W/88R	1800	F8		83.09-87.09	GWMZ-29A	FE79-15-010C
SDEAT	2000	FE	GAS	83.12-87.08	GWMZ-29A	8AG1-15-010B
SDEAT	2000	FE	GAS	83.12-87.08	GWMZ-25A	F801-15-010D
SDEAT	2000	FE	GAS	83.12-87.08	GWMZ-29A	FE79-15-010J
SDEAT	2000	FE	LPG	96.09-99.06	GWMZ-71A	FEMJ-15-100
SDEAT,SREAV	2000	FE	GAS	87.09-99.06	GWMZ-71A	FEMJ-15-100
SEF8T	2000	RF	DIE	84.04-87.09	GWMZ-30A*	R201-15-010B
SEF8T	2000	RF	DIE	84.04-93.09	GWMZ-30A*	RF95-15-010C
SKE4T/6T	2000	FEE	EGI	99.06-00.10	GWMZ-71A	FEMJ-15-100
SKE6T	2000	FEE	LPG	99.06-00.10	GWMZ-71A	FEMJ-15-100
SKE6V	2000	FEE	EGI	99.06-07.08	GWMZ-71A	FEMJ-15-100
SKE6V	2000	FE	EGI	07.08-14.01	GWMZ-71A	FEMJ-15-100
SKF2L	2000	RF	DTB	03.12-07.08		RF6C-15-1H0
SKF2L/2M/2T/2V	2000	RF	DTB	03.12-14.01	GWMZ-70A	RF2A-15-100C
SKF2L/2M/2T/2V	2000	RF	DTB	03.12-14.01		RF6C-15-010
SKF2M/2T/2V	2000	RF	DTB	03.12-14.01		RF6C-15-1H0
SKF6M/F6V/FHM/FHV	2000	RF	DTB	04.11-07.08		RF6C-15-1H0
SKF6M/FHM/FHV	2000	RF	DTB	04.11-07.08	GWMZ-70A	RF2A-15-100C
SKF6M/FHM/FHV	2000	RF	DTB	04.11-07.08		RF6C-15-010
SKF6V	2000	RF	DTB	04.11-14.01	GWMZ-70A	RF2A-15-100C
SKF6V	2000	RF	DTB	04.11-14.01		RF6C-15-010
SRE9V	2000	FE	GAS	85.07-87.08	GWMZ-29A	8AG1-15-010B
SRE9V	2000	FE	GAS	85.07-87.08	GWMZ-29A	FE79-15-010J
SRE9V	2000	FE	GAS	87.09-97.05	GWMZ-71A	FEMJ-15-100
SRE9W	2000	FE	GAS	87.09-95.09	GWMZ-71A	FEMJ-15-100
SRE9W/EAV	2000	FE	GAS	83.05-87.08	GWMZ-29A	8AG1-15-010B
SRE9W/EAV	2000	FE	GAS	83.05-87.08	GWMZ-25A	F801-15-010D
SRE9W/EAV	2000	FE	GAS	83.05-87.08	GWMZ-29A	FE79-15-010J
SRE9W/EAVF,SDEAT,V	2000	FE		87.09-94.12	GWMZ-32A	8AK1-15-010
SREAM	2000	FE	GAS	85.08-87.08	GWMZ-29A	8AG1-15-010B
SREAM	2000	FE	GAS	85.08-87.08	GWMZ-29A	FE79-15-010J
SREAV	2000	FE	LPG	97.04-99.06	GWMZ-71A	FEMJ-15-100
SREAV/E9W	2000	FE		83.05-85.02	GWMZ-25A	F801-15-010B
SREAV/E9W/EAT/E9V	2000	FE		85.02-87.09	GWMZ-29A	FE79-15-010B
SRF9W	2000	RF	DIE	83.05-87.08	GWMZ-30A*	R201-15-010B
SRF9W	2000	RF	DIE	83.05-90.03	GWMZ-30A*	RF95-15-010C
SRF9W	2000	RF	DIE	83.05-90.03	GWMZ-30A*	RF95-15-100B
SRF9W	2000	RF	DTB	90.03-93.08	GWMZ-30A*	RF95-15-100B
SRF9W	2000	RF	DTB	90.03-95.09	GWMZ-30A*	RF95-15-010C
SRF9W,SSF8V/W,SEF8T	2000	RF	DIE	83.05-94.12	GWMZ-30A*	RF01-99-154
SSE8R/8W	2000	FE	GAS	86.11-95.09	GWMZ-71A	FEMJ-15-100
SSF8R	2000	RF	DTB	89.01-99.05	GWMZ-30A*	RF95-15-010C
SSF8V	2000	RF	DIE	83.09-87.08	GWMZ-30A*	R201-15-010B
SSF8V	2000	RF	DIE	83.09-95.09	GWMZ-30A*	RF95-15-010C
SSF8W	2000	RF	DIE	83.09-86.11	GWMZ-30A*	R201-15-010B
SSF8W	2000	RF	DIE	83.09-93.08	GWMZ-30A*	RF95-15-010C
SSF8W	2000	RF	DTB	87.08-99.05	GWMZ-30A*	RF95-15-010C
SSF8VF	2000	RF	DIE	87.09-94.12	GWMZ-30A*	RF01-99-154
SSF8WF	2000	RF	DIE	87.09-94.12	GWMZ-30A*	RF01-99-154
SSF8TF	2000	RF	DIE	87.09-94.12	GWMZ-30A*	RF01-99-154
BA2S8/2S9/2S8H/2S9H	2200	S2	DIE	79.09-83.12	GWMZ-28A	1456-15-010
SD29M	2200	R2	DIE	87.09-99.06	GWMZ-30A*	RF95-15-010C
SD29M	2200	R2	DIE	87.09-99.06	GWMZ-30A*	RF95-15-100B
SD29T,SD2AT	2200	R2	DIE	83.12-87.08	GWMZ-30A*	R201-15-010B
SD29T,SD2AT	2200	R2	DIE	83.12-99.06	GWMZ-30A*	RF95-15-010C

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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BONGO

SD29T,SD2AT	2200	R2	DIE	83.12-99.06	GWMZ-30A*	RF95-15-100B
SD2AM	2200	R2	DIE	90.08-99.06	GWMZ-30A*	RF95-15-010C
SD2AM	2200	R2	DIE	90.08-99.06	GWMZ-30A*	RF95-15-100B
SE28,SD29,SD2A,SR2A	2200	R2	DIE	83.05-94.12	GWMZ-30A*	RF01-99-154
SE28M,SS28M	2200	R2	DIE	87.09-99.05	GWMZ-30A*	RF95-15-010C
SE28M/T,SS28H/28M/28V	2200	R2	DIE	96.09-99.05	GWMZ-30A*	RF95-15-100B
SE28T	2200	R2	DIE	93.09-99.05	GWMZ-30A*	RF95-15-010C
SK22L/22M	2200	R2	DIE	99.05-02.08		R2S2-15-010C
SK22L/22M	2200	R2	DIE	02.08-03.12		R2S2-15-010B
SK22L/22M/22T/22V	2200	R2	DIE	99.05-03.12	GWMZ-30A*	RF95-15-100B
SK22L/22M/22T/22V	2200	R2	DIE	02.08-03.12		R2S2-15-1H0A
SK22T/22V	2200	R2	DIE	99.05-03.12		R2S2-15-010B
SK24L/24T/26L/26T	2200	R2	DIE	99.06-00.10	GWMZ-30A*	RF95-15-100B
SR29V,SR2AV	2200	R2	DIE	83.05-87.08	GWMZ-30A*	R201-15-010B
SR29V,SR2AV	2200	R2	DIE	83.05-93.08	GWMZ-30A*	RF95-15-100B
SR29V,SR2AV	2200	R2	DIE	83.05-97.05	GWMZ-30A*	RF95-15-010C
SR29V/2AV,SEF8T,SS28	2200	R2	DIE	83.05-94.12	GWMZ-30A*	RF01-99-154
SR2AM	2200	R2	DIE	87.09-93.08	GWMZ-30A*	RF95-15-100B
SR2AM	2200	R2	DIE	87.09-97.05	GWMZ-30A*	RF95-15-010C
SS28H	2200	R2	DIE	96.09-99.05	GWMZ-30A*	RF95-15-010C
SS28M	2200	S2	DIE	86.11-87.08	GWMZ-30A*	RF95-15-010C
SS28R	2200	R2	DIE	86.11-90.02	GWMZ-30A*	RF95-15-010C
SS28V	2200	R2	DIE	93.08-99.05	GWMZ-30A*	RF95-15-010C
SD59M/59T/5AM/5AT	2500	WL	DIE	97.04-99.06	GWMZ-49A	WL11-15-100E
SR59V/5AM/5AV	2500	WL	DIE	97.04-99.06	GWMZ-49A	WL11-15-100E
SK54L/54T/56L/56T	2500	WL	DIE	99.06-00.10	GWMZ-49A	WL11-15-100E
SK54V/56M/56V/5HM/5HV	2500	WL	DIE	99.06-04.11	GWMZ-49A	WL11-15-100E
SRS9V/SVA	3000	VS	DIE	92.02-97.05		VS01-15-100E
SGE3/EW	2000	FEE	EGI	97.11-05.11	GWMZ-71A	FEMJ-15-100
SGEW	2000	FE	GAS	95.05-97.11	GWMZ-32A	8AS6-15-010
SGEW	2000	FE	GAS	95.05-97.11	GWMZ-71A	FEMJ-15-100
SG5W	2500	J5	GAS	95.05-97.11		J503-15-010B
SG5W	2500	J5D	EGI	97.11-02.08		J503-15-010B
SGL3/L5/LR/LW	2500	WL	DIE	95.05-97.11		WL01-15-100D
SGL3/L5/LR/LW	2500	WLT	DTB	97.11-05.11		WL01-15-100D

CAPELLA

SB12S	1146	12A	AP	74.02-77.03	GWMZ-18A*	3648-15-130
SU2A	1500	UB		70.09-73.11	GWMZ-02A	0305-15-010
CB2NS	1600	NA	AP	78.09-80.08	GWMZ-02A	0305-15-010E
GC6P	1600	F6	AP	82.09-85.02	GWMZ-25A	F801-15-010B
GC6P	1600	F6	AP	85.02-87.05	GWMZ-29A	FE79-15-010C
GD6P	1600	B6	GAS	87.07-91.10	GWMZ-31A	B630-15-010D
GV6V	1600	B6	GAS	88.01-99.04	GWMZ-31A	B630-15-010D
SNA	1600	NA		70.03-74.01	GWMZ-02A	0305-15-010
SNA	1600	NA	AP	76.01-77.11		0459-15-010C
CB1VS	1800	VC	AP	74.02-75.10		0459-15-010
CB1VS	1800	VC	AP	75.10-77.02		0459-15-010C
CB2VS	1800	VC	AP	78.10-82.09	GWMZ-02A	0305-15-010E
CG2PP	1800	FP	EGI	94.07-97.06	GWMZ-69A	FP01-15-010G
GC8J	1800	F8	AP	83.08-85.02	GWMZ-25A	F801-15-010D
GC8J	1800	F8	AP	83.08-87.05	GWMZ-29A	FE79-15-010C
GC8P	1800	F8	AP	82.09-85.02	GWMZ-25A	F801-15-010B
GC8P	1800	F8	AP	85.02-87.05	GWMZ-29A	FE79-15-010C
GD8A/8B	1800	F8	EGI	88.02-89.06	GWMZ-71A	FEMJ-15-100
GD8A/8B/8P/8R/8S	1800	F8	EGI	89.04-91.10	GWMZ-56A	FE3P-15-100
GD8J/8P/8S/8Y	1800	F8	AP	87.05-89.07	GWMZ-32A	8AK1-15-010
GD8P	1800	F8	GAS	87.05-91.10	GWMZ-71A	FEMJ-15-100
GD8P/8S	1800	F8	EGI	87.05-89.06	GWMZ-71A	FEMJ-15-100
GD8Y	1800	F8	AP	89.07-94.12		8AG5-15-010
GF8P	1800	FP	EGI	97.06-02.03	GWMZ-69A	FP01-15-010G
GF8P	1800	FP	LPG	99.09-02.03	GWMZ-69A	FP01-15-010G

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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CAPELLA

GF8P	1800	FPDE	EGI	99.09-02.03	GWMZ-69A	FP01-15-010G
GV8W	1800	F8	EGI	88.01-92.07	GWMZ-71A	FEMJ-15-100
GV8W	1800	F8	EGI	92.08-97.10	GWMZ-56A	FE3P-15-100
GW8W	1800	FP	EGI	97.10-99.10	GWMZ-69A	FP01-15-010G
GW8W	1800	FPDE	EGI	99.09-02.05	GWMZ-69A	FP01-15-010G
SV2A	1800	VC		74.02-75.06	GWMZ-02A	0305-15-010
CB2MS	2000	MA	AP	79.03-82.07	GWMZ-10A	0381-15-010A
CG2SP	2000	FS		94.07-	GWMZ-41A	8AG9-15-010
CG2SP/SR	2000	FS	EGI	94.07-97.06	GWMZ-41A	FS01-15-010F
GCEP	2000	FE	AP	82.09-85.02	GWMZ-25A	F801-15-010B
GCEP	2000	FE	AP	85.02-87.05	GWMZ-29A	FE79-15-010C
GCFPJ	2000	RF	DIE	83.08-87.07	GWMZ-30A*	RF03-15-010B
GDEA/EP/ES	2000	FE	EGI	87.05-91.10	GWMZ-56A	FE3P-15-100
GDEB	2000	FE	EGI	88.02-91.10	GWMZ-56A	FE3P-15-100
GDER	2000	FE	EGI	87.07-91.10	GWMZ-56A	FE3P-15-100
GDFP	2000	RF	DSC	87.07-91.10	GWMZ-50A*	8AG4-15-010
GDFP	2000	RF	DIE	89.04-91.10	GWMZ-50A*	8AG4-15-010
GDFP	2000	RF	DIE	89.04-91.10	GWMZ-50A*	8AGA-15-010
GDFP	2000	RF	DSC	89.04-91.10	GWMZ-50A*	8AGA-15-010
GFEP	2000	FSZE	EGI	99.09-02.03	GWMZ-41A	FS01-15-010F
GFEP/ER	2000	FS	EGI	97.06-99.10	GWMZ-41A	FS01-15-010F
GFER	2000	FSDE	EGI	99.09-02.03	GWMZ-41A	FS01-15-010F
GFFP	2000	RF	DTB	98.06-99.10	GWMZ-70A	RF2A-15-100C
GVER	2000	FE	GAS	90.08-92.07	GWMZ-56A	FE3P-15-100
GVER	2000	FE	EGI	92.08-97.10	GWMZ-56A	FE3P-15-100
GVER	2000	FEM	EGI	94.10-97.10	GWMZ-56A	FE3P-15-100
GVER	2000	FEN	EGI	94.10-97.10	GWMZ-56A	FE3P-15-100
GVEW	2000	FE	EGI	96.06-97.10	GWMZ-56A	FE3P-15-100
GVFR	2000	RF	DSC	92.08-94.10	GWMZ-50A*	8AGA-15-010
GVFR/FW	2000	RF	DSC	92.08-94.10	GWMZ-25A	RFG1-15-100
GVFR/FW	2000	RF	DIE	94.10-97.10	GWMZ-50A*	8AGA-15-010
GVFV	2000	RF	DIE	88.01-92.07	GWMZ-50A*	8AG4-15-010
GVFV	2000	RF	DIE	89.06-99.04	GWMZ-50A*	8AGA-15-010
GVFV	2000	RF	DIE	92.08-99.04	GWMZ-25A	RFG1-15-100
GVFW	2000	RF	DSC	89.05-92.07	GWMZ-50A*	8AG4-15-010
GVFW	2000	RF	DSC	89.05-94.10	GWMZ-50A*	8AGA-15-010
GWER	2000	FSDE	EGI	99.09-02.05	GWMZ-41A	FS01-15-010F
GWER/EW	2000	FS	EGI	97.10-99.10	GWMZ-41A	FS01-15-010F
GWER/EW	2000	FSZE	EGI	99.09-02.05	GWMZ-41A	FS01-15-010F
GWFW	2000	RF	DTB	98.07-99.10	GWMZ-70A	RF2A-15-100C
GW5R	2500	KL	EGI	97.10-99.10	GWMZ-43A	KL47-15-010C
GW5R	2500	KLZE	EGI	99.09-02.05	GWMZ-43A	KL47-15-010C

CAROL

AA5PA/RA	550	F5B	GAS	89.10-90.02		AY01-15-010A
AA6PA	660	F6A	TBO	91.01-95.10	GWS-19A	AZ12-15-010B
AA6PA/RA	660	F6A	GAS	90.02-95.10	GWS-19A	AZ12-15-010B
AA6RA	660	F6A	EPI	91.03-95.10	GWS-19A	AZ12-15-010B
AA6RA/PA	660	F6A		90.03-94.12		AZ01-15-010
AC6P	660	F6A	TBO	95.10-98.09	GWS-19A	AZ12-15-010B
AC6P/6R	660	F6A	GAS	95.10-98.09	GWS-19A	AZ12-15-010B
AC6R	660	F6A	EPI	95.10-98.09	GWS-19A	AZ12-15-010B
HB12S	660	F6A	EPI	98.10-99.10	GWS-25A	1A00-15-010
HB12S	660	F6A	EPI	99.10-00.11	GWS-26A	1A04-15-010
HB22S	660	K6A	EPI	98.10-99.10	GWS-27A*	1A01-15-010A
HB22S	660	K6A	EPI	98.10-00.12	GWS-28A*	1A05-15-010A
HB22S	660	K6A	EPI	00.12-02.04	GWS-32AH	1A12-15-010C
HB23S	660	K6A	EPI	00.12-04.09	GWS-32AH	1A12-15-010C
HB24S	660	K6A	EPI	04.09-09.12	GWS-38AH	1A14-15-010C
HB25S	660	K6A	EPI	09.12-14.01		1A14-15-010E
HB35S	660	R06A	EPI	12.11-14.01		1A24-15-010A
HB35S	660	R06A	EPI	13.03-14.01		1A24-15-010A

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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CLEF

GEEPA	2000	KF	EGI	92.04-94.07	GWMZ-42A	8AE2-15-010
GESRA	2000	FS		92.04-	GWMZ-41A	8AG9-15-010
GESRA	2000	FS	EGI	92.04-94.07	GWMZ-41A	FS01-15-010F
GE5PA	2500	KL	EGI	92.04-94.07	GWMZ-42A	8AE2-15-010

COSMO

HBSN2	1146	12A	GAS	81.08-90.05	GWMZ-18A*	N225-15-010I
HBSN2	1146	12A	GAS	81.08-90.05		N235-15-010F
HBSN2	1146	12A	TBO	81.08-90.05		N236-15-010J
JC3S	1308	13B	TBO	94.03-95.10		8AJ2-15-010A
JC3S	1308	13B	TBO	94.03-95.10		N390-15-100A
JC3SE	1308	13B	TBO	90.03-94.02		8AJ2-15-010A
JCES	1308	20B	TBO	94.02-95.10		8AJ1-15-010
JCES	1308	20B	TBO	94.02-95.10		NF01-15-010D
JCES	1308	20B	TBO	94.02-95.10		NF01-15-100
JCESE	1308	20B	TBO	90.03-94.02		8AJ1-15-010
CD22C	1146	12A	AP	75.10-78.01	GWMZ-18A*	3648-15-130D
HBSN2	1146	12A		81.11-90.04	GWMZ-18A*	3648-15-130D
CD23C	1308	13B	AP	75.10-81.08	GWMZ-18A*	3648-15-130D
HB3S	1308	13B		83.09-87.12	GWMZ-18A*	3648-15-130D
JC3SE	1308	13B		90.01-94.12		8AJ2-15-010
CD2VC	1800	VC	AP	76.01-78.12		0459-15-010C
CD2VC	1800	VC	AP	77.03-79.12	GWMZ-02A	0305-15-010E
HBPH8	1800	VC	AP	81.07-83.09	GWMZ-02A	0305-15-010E
HBPH8	1800	VC	GAS	81.08-83.10	GWMZ-02A	0305-15-010E
CD3MC	2000	MA	AP	77.03-81.03	GWMZ-10A	0381-15-010A
HBEP/EJ/ES	2000	FE	AP	82.09-90.04	GWMZ-29A	FE79-15-010C
HBEP/ES	2000	FE	GAS	83.09-90.05	GWMZ-29A	8AG1-15-010B
HBEP/ES	2000	FE	GAS	83.09-90.05	GWMZ-25A	F801-15-010D
HBEP/ES	2000	FE	GAS	83.09-90.05	GWMZ-29A	FE79-15-010J
HBES	2000	FE	EGI	83.09-90.05	GWMZ-29A	8AG1-15-010B
HBES	2000	FE	EGI	83.09-90.05	GWMZ-25A	F801-15-010D
HBES	2000	FE	EGI	83.09-90.05	GWMZ-29A	FE79-15-010J
HBPHE,HBSHE	2000	MA	GAS	81.08-83.10	GWMZ-10A	0381-15-010B
HBPHE/SHE	2000	MA	AP	81.07-83.09	GWMZ-10A	0381-15-010A
HBPS2	2200	S2	AP	81.08-87.12		S210-15-010B
HBSHE	2000	MA	EGI	81.08-83.10	GWMZ-10A	0381-15-010B
HBPS2	2200	S2	DIE	81.08-87.12		S210-15-010B
HBPS2	2200	S2	DIE	81.08-90.05		S210-15-010C
HB3S	1308	13B	GAS	83.09-90.05		N236-15-010J

CRAFT

DUC9	1500	UA		65.06-71.07		0183-15-010
DUC9	1500	UA		71.07-77.06	GWMZ-14A	0552-15-010G

CRONOS

GE8P	1800	K8	EGI	91.09-94.07	GWMZ-42A	8AE2-15-010
GE8P	1800	K8	EGI	91.09-94.07	GWMZ-43A	KL47-15-010C
GEEP	2000	KF	EGI	91.09-94.07	GWMZ-42A	8AE2-15-010
GEEP	2000	KF	EGI	91.09-94.07	GWMZ-43A	KL47-15-010C
GEEP	2000	KF	GAS	94.09-96.04	GWMZ-43A	KL47-15-010C
GEFP	2000	RF	DIE	92.04-96.04	GWMZ-50A*	8AGA-15-010
GESR	2000	FS	EGI	91.11-94.07	GWMZ-41A	FS01-15-010F
GESR	2000	FS	GAS	94.09-96.04	GWMZ-41A	FS01-15-010F
GE5P	2500	KL	EGI	92.04-94.07	GWMZ-42A	8AE2-15-010
GE5P	2500	KL	EGI	92.04-94.07	GWMZ-43A	KL47-15-010C
GE5P	2500	KL	GAS	94.09-96.04	GWMZ-43A	KL47-15-010C

CUSTUM CAB

HBEY	2000	FE	LPG	89.05-92.06		8AH5-15-010A
HBEY	2000	FE	LPG	92.06-96.01		8AH8-15-010

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CX-5

KEEAW	2000	PEVPS	DI	12.01-14.01		PE01-15-010B
KEEFW	2000	PEVPS	DI	12.01-14.01		PE01-15-010B
KE2AW	2200	SHVPTS	TBO	12.01-14.01		SH01-15-010
KE2FW	2200	SHVPTS	TBO	12.01-14.01		SH01-15-010

CX-7

ER3P	2300	L3VDT	TBO	06.12-14.01	GWMZ-58A	L327-15-100A
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DEMIO

DE3AS/3FS	1300	ZJVE	EGI	07.05-11.06	GWMZ-57A	ZJ01-15-010B
DE3AS/3FS	1300	ZJVE	EGI	10.08-12.01	GWMZ-57A	ZJ01-15-010C
DE3FS	1300	ZJVEM	EGI	07.05-11.06	GWMZ-57A	ZJ01-15-010B
DE3FS	1300	ZJVEM	EGI	10.08-14.01	GWMZ-57A	ZJ01-15-010C
DE3FS	1300	ZJVEM	EGI	12.03-14.01	GWMZ-57A	ZJ01-15-010C
DE3FS	1300	ZJVEM	EGI	12.10-14.01	GWMZ-57A	ZJ01-15-010C
DEJFS	1300	P3VPS	DI	11.06-14.01		PE01-15-010B
DW3W	1300	B3	EGI	96.07-00.04	GWMZ-31A	B3C7-15-010A
DW3W	1300	B3E	EGI	99.11-02.07	GWMZ-31A	B3C7-15-010A
DY3R	1300	ZJVE	EGI	03.11-07.05	GWMZ-57A	ZJ01-15-010B
DY3W	1300	ZJVE	EGI	02.06-07.05	GWMZ-57A	ZJ01-15-010B
DE5FS	1500	ZYVE	EGI	07.05-11.06	GWMZ-57A	ZJ01-15-010B
DE5FS	1500	ZYVE	EGI	10.08-14.01	GWMZ-57A	ZJ01-15-010C
DW5W	1500	B5	EGI	96.07-00.04	GWMZ-31A	B3C7-15-010A
DW5W	1500	B5E	EGI	99.11-02.07	GWMZ-31A	B3C7-15-010A
DY5R	1500	ZYVE	EGI	03.11-07.05	GWMZ-57A	ZJ01-15-010B
DY5W	1500	ZYVE	EGI	02.06-07.05	GWMZ-57A	ZJ01-15-010B

E-2000

EXA12/32/35	2500	XA	DIE	66.02-71.05	GWMZ-13A*	0750-15-010
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ETUDE

BFSP	1500	B5		88.02-90.12	GWMZ-31A	8AB4-15-010
BFSP	1500	B5	GAS	88.02-90.08	GWMZ-31A	B630-15-010D
BFMP	1600	B6		87.01-90.12	GWMZ-35A	8AB5-15-010
BFMP	1600	B6	EGI	87.01-90.08	GWMZ-35A	B660-15-010E
	2000	CD20		94.01-	GWMZ-46A	1N00-15-010
	2000	CD20		94.01-	GWMZ-46A	1N05-15-010

EUNOS 100

BG5PE	1500	B5	EGI	89.10-94.06	GWMZ-35A	B660-15-010E
BG5PE	1500	B5		89.11-94.12	GWMZ-35A	8AB5-15-010
BG8PE	1600	BP		89.11-94.12	GWMZ-35A	8AB5-15-010
BG8PE	1800	BP	EGI	89.10-94.06	GWMZ-35A	B660-15-010E

EUNOS 300

MA8PE	1800	F8	EGI	89.11-92.03	GWMZ-56A	FE3P-15-100
MAEPE	2000	FE	EGI	89.11-92.03	GWMZ-56A	FE3P-15-100

EUNOS 500

CA8P	1800	K8	GAS	94.02-96.01	GWMZ-43A	KL47-15-010C
CA8PE	1800	K8	EGI	91.12-94.02	GWMZ-42A	8AE2-15-010
CA8PE	1800	K8	EGI	91.12-94.02	GWMZ-43A	KL47-15-010C
CAPP	1800	FP	GAS	94.02-96.01	GWMZ-69A	FP01-15-010G
CAEP	2000	KF	GAS	94.02-96.01	GWMZ-43A	KL47-15-010C
CAEPE	2000	KF	EGI	91.12-94.02	GWMZ-42A	8AE2-15-010
CAEPE	2000	KF	EGI	91.12-94.02	GWMZ-43A	KL47-15-010C

EUNOS 800

TA3A/3P	2300	KJ	GAS	96.04-97.07	GWMZ-74A	KJ01-15-010H
TA3A/3P/3Y/3Z	2300	KJ	SPC	93.08-96.05	GWMZ-74A	KJ01-15-010H
TA5A/5P	2500	KL	GAS	96.04-97.07	GWMZ-43A	KL47-15-010C
TA5A/5P/5Y/5Z	2500	KL	EGI	93.08-96.05	GWMZ-43A	KL47-15-010C

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EUNOS PRESSO

EC5S	1500	B5	GAS	93.09-98.01		B587-15-010A
EC8S	1800	K8	EGI	93.09-98.01	GWMZ-43A	KL47-15-010C
EC8SE	1800	K8	EGI	91.04-93.10	GWMZ-42A	8AE2-15-010
EC8SE	1800	K8	EGI	91.04-93.10	GWMZ-43A	KL47-15-010C

EUNOS ROADSTER

NA6CE	1600	B6		89.09-94.12	GWMZ-35A	8AB8-15-010
EC8S/8SE	1800	K8		91.01-93.12	GWMZ-43A	8AK2-15-010
EC8SE	1800	K8		91.01-93.12	GWMZ-42A	8AE2-15-010

FAMILIA

BVAY12	1200	CR12DE	EGI	07.01-12.01		1N22-15-010
BD1031,BF3P	1300	E3		80.05-87.02	GWMZ-21A*	8AB1-15-010
BF3P	1300	E3	GAS	85.01-87.02	GWMZ-21A*	8ABT-15-010A
BF3P	1300	E3	GAS	85.01-87.02	GWMZ-21A*	E301-15-010D
BF3V	1300	E3	GAS	85.11-87.04	GWMZ-21A*	E301-15-010D
BF3V	1300	E3	GAS	85.11-94.08	GWMZ-21A*	8ABT-15-010A
BF3V	1300	E3		85.12-94.12	GWMZ-21A*	8AB1-15-010
BFTB	1300	B3		87.02-89.02	GWMZ-31A	8AB3-15-010
BFTP	1300	B3	GAS	87.02-89.02	GWMZ-31A	B630-15-010D
BG3P,BW3W	1300	B3		89.02-94.12	GWMZ-31A	8AB7-15-010
BG3P/3S	1300	B3	GAS	89.02-91.01	GWMZ-31A	B630-15-010D
BG3P/3S	1300	B3	SPI	90.11-96.01	GWMZ-31A	B630-15-010D
BHA3P	1300	B3	GAS	96.08-98.04	GWMZ-31A	B3C7-15-010A
BHA3S	1300	B3	GAS	96.08-99.05	GWMZ-31A	B3C7-15-010A
BJ3P	1300	B3	EGI	98.04-00.10	GWMZ-31A	B3C7-15-010A
BJ3P	1300	B3ME	EGI	00.10-02.08	GWMZ-31A	B3C7-15-010A
BVY10	1300	GA13	GAS	94.08-97.05	GWN-42A	1N21-15-010
BVY10	1300	GA13	EGI	97.05-99.04	GWN-42A	1N21-15-010
BVY11	1300	QG13DE	EGI	99.05-12.01	GWN-73A	1N18-15-010
BW3W	1300	E3	GAS	89.10-94.08	GWMZ-21A*	8ABT-15-010A
8G5P/S	1500	B5		89.02-94.12	GWMZ-31A	8AB4-15-010
BD1051,BF5P/R/W/V	1500	E5		80.05-87.02	GWMZ-21A*	8AB1-15-010
BD1051,BF5P/S	1500	E5	TBO	82.12-87.02	GWMZ-21A*	E5B6-15-010
BF5P	1500	E5	EGI	85.01-87.02	GWMZ-21A*	8ABT-15-010A
BF5P	1500	E5	EGI	85.01-87.02	GWMZ-21A*	E301-15-010D
BF5P	1500	E5	GAS	85.01-87.02	GWMZ-21A*	8ABT-15-010A
BF5P	1500	E5	GAS	85.01-87.02	GWMZ-21A*	E301-15-010D
BF5P	1500	E5	TBO	85.01-87.02	GWMZ-21A*	E5B6-15-010B
BF5R	1500	E5	GAS	85.10-87.02	GWMZ-21A*	8ABT-15-010A
BF5R	1500	E5	GAS	85.10-87.02	GWMZ-21A*	E301-15-010D
BF5V	1500	E5	GAS	85.11-87.04	GWMZ-21A*	E301-15-010D
BF5V	1500	E5	GAS	85.11-94.08	GWMZ-21A*	8ABT-15-010A
BF5V	1500	E5		85.12-94.12	GWMZ-21A*	8AB1-15-010
BF5W	1500	E5	EGI	85.11-87.04	GWMZ-21A*	8ABT-15-010A
BF5W	1500	E5	EGI	85.11-87.04	GWMZ-21A*	E301-15-010D
BFSP	1500	B5	GAS	87.02-89.02	GWMZ-31A	B630-15-010D
BFSP/R	1500	B5		87.02-89.02	GWMZ-31A	8AB4-15-010
BFSR	1500	B5	GAS	87.01-89.02	GWMZ-31A	B630-15-010D
BG5P	1500	B5	EGI	89.04-94.03	GWMZ-35A	B660-15-010E
BG5P	1500	B5	GAS	89.04-91.01	GWMZ-31A	B630-15-010D
BG5P	1500	B5	SPI	90.12-94.03	GWMZ-31A	B630-15-010D
BG5P	1500	B5	SPI	90.12-94.04	GWMZ-31A	B630-15-010D
BG5P/5S	1500	B5	EGI	89.02-94.04	GWMZ-35A	B660-15-010E
BG5P/5S	1500	B5	GAS	89.02-91.01	GWMZ-31A	B630-15-010D
BG5S	1500	B5	SPI	90.11-94.04	GWMZ-31A	B630-15-010D
BHA5P/5S	1500	B5	EGI	94.05-95.07	GWMZ-39A	B6BF-15-010F
BHA5P/5S	1500	B5	GAS	95.06-96.10	GWMZ-39A	B6BF-15-010F
BHA5P/5S	1500	B5	GAS	95.06-96.10	GWMZ-55A	ZL01-15-010A
BHALP	1500	Z5	GAS	95.06-98.09	GWMZ-55A	ZL01-15-010A
BHALP/LS	1500	Z5	EGI	94.05-95.07	GWMZ-39A	B6BF-15-010F
BHALS	1500	Z5	GAS	95.06-99.05	GWMZ-55A	ZL01-15-010A

MAZDA

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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FAMILIA

BJ5P	1500	ZLDE	EGI	00.10-03.10	GWMZ-55A	ZL01-15-010A
BJ5P	1500	ZLVE	EGI	00.10-02.09	GWMZ-55A	ZL01-15-010A
BJ5P	1500	ZLDE	EFI	02.03-14.01	GWMZ-55A	ZL01-15-010A
BJ5P/5W	1500	ZL	EGI	98.04-00.10	GWMZ-55A	ZL01-15-010A
BJ5W	1500	ZLDE	EGI	00.10-03.09	GWMZ-55A	ZL01-15-010A
BJ5W	1500	ZLVE	EGI	00.10-03.09	GWMZ-55A	ZL01-15-010A
BMVFN10,BVFN10,BVFY10	1500	GA15	GAS	94.08-97.05	GWN-42A	1N21-15-010
BVFN10,BVFY10	1500	GA15	EGI	97.05-99.04	GWN-42A	1N21-15-010
BVFY11	1500	QG15DE	EGI	99.05-14.01	GWN-73A	1N18-15-010
BVY12	1500	HR15DE	EGI	07.01-14.01		1N23-15-010
BW3W	1500	B5		89.11-94.12	GWMZ-31A	8AB4-15-010
BW5W	1500	E5	GAS	89.10-94.08	GWMZ-21A*	8ABT-15-010A
BWFN10,BWFY10	1500	GA15	GAS	94.08-96.09	GWN-42A	1N21-15-010
BWFN10,BWFY10	1500	GA15	EGI	96.05-99.04	GWN-42A	1N21-15-010
BWFY11	1500	QG15DE	EGI	99.05-99.12	GWN-73A	1N18-15-010
	1500	B5		89.02-94.12	GWMZ-35A	8AB5-15-010
BF6M	1600	B6	GAS	89.10-94.08	GWMZ-31A	B630-15-010D
BFMP	1600	B6	EGI	85.10-89.02	GWMZ-35A	B660-15-010E
BFMP	1600	B6	EGI	86.12-89.02	GWMZ-31A	B630-15-010D
BFMP/R/S	1600	B6		87.02-89.02	GWMZ-31A	8AB4-15-010
BFMP/MR	1600	B6	TBO	85.10-89.02	GWMZ-35A	B660-15-010E
BFMR	1600	B6	EGI	87.01-89.02	GWMZ-31A	B630-15-010D
BG6P	1600	B6		89.02-94.12	GWMZ-35A	B660-15-010E
BG6P	1600	B6	EGI	89.02-91.01	GWMZ-35A	B660-15-010E
BG6P/6S	1600	B6	EGI	89.02-91.01	GWMZ-35A	B660-15-010E
BG6R	1600	B6	GAS	89.08-96.01	GWMZ-31A	B630-15-010D
BG6R,BF6M,BWMR/Z	1600	B6		89.02-94.12	GWMZ-31A	8AB4-15-010
BG6Z	1600	B6	GAS	89.08-94.03	GWMZ-31A	B630-15-010D
BHA6R	1600	B6	EGI	94.09-95.07	GWMZ-39A	B6BF-15-010F
BHA6R	1600	B6	GAS	95.06-98.05	GWMZ-39A	B6BF-15-010F
BWMR	1600	B6	EGI	87.04-94.08	GWMZ-31A	B630-15-010D
	1600	B6		87.02-89.02	GWMZ-35A	8AB8-15-010
BF7P	1700	PN	DIE	85.07-89.02	GWMZ-51A	PN40-15-010
BF7P/V	1700	PN	DIE	85.07-89.02		PN11-16-010A
BF7V	1700	PN	DIE	85.11-94.08	GWMZ-51A	PN40-15-010
BG7P	1700	PN	DIE	89.02-94.03	GWMZ-51A	PN40-15-010
BHA7P	1700	4EE1	DIE	94.09-98.09		Y701-15-010A
BHA7R	1700	4EE1	DIE	94.09-98.05		Y701-15-010A
BVSNY10,BVSY10	1700	CD17	DIE	94.08-97.05	GWN-55A	1N01-15-010
BW7W	1700	PN	DIE	89.10-94.08	GWMZ-51A	PN40-15-010
PF7V,BG7P,BW7W	1700	PN	DIE	89.02-94.12	GWMZ-51A	8AB9-15-010
BG8P	1800	BP	EGI	90.03-94.04	GWMZ-35A	B660-15-010E
BG8P	1800	BP	EGI	90.12-94.04	GWMZ-35A	B660-15-010E
BG8R	1800	BP	TBO	89.08-94.03	GWMZ-35A	B660-15-010E
BG8R/Z	1800	BP(T)		89.08-94.12	GWMZ-35A	8AB8-15-010
BG8S	1800	BP	EGI	90.11-94.04	GWMZ-35A	B660-15-010E
BG8Z	1800	BP	TBO	89.08-94.04	GWMZ-35A	B660-15-010E
BG8Z	1800	BP	TBO	92.01-94.04		B587-15-010A
BHA8P	1800	BP	GAS	95.06-98.04	GWMZ-39A	B6BF-15-010F
BHA8P/8S	1800	BP	EGI	94.05-95.07	GWMZ-39A	B6BF-15-010F
BHA8S	1800	BP	GAS	95.06-99.05	GWMZ-39A	B6BF-15-010F
BJ8W	1800	FP	EGI	98.05-00.10	GWMZ-69A	FP01-15-010G
BVGY11	1800	QG18DE	CNG	02.08-14.01	GWN-73A	1N18-15-010
BVHNY11	1800	QG18DE	EGI	99.05-14.01	GWN-73A	1N18-15-010
BVJY12	1800	MR18DE	EGI	07.01-14.01		1N25-15-010
BWHNY10,BWHY10	1800	SR18	EGI	96.05-99.04	GWN-48A	1N20-15-010
BWHNY11	1800	QG18DE	EGI	99.05-99.12	GWN-73A	1N18-15-010
BJEP	2000	RF	DIE	98.04-00.10		RF1G-15-100A
BJFP	2000	FSZE	EGI	01.12-03.09	GWMZ-41A	FS01-15-010F
BJFW	2000	FSZE	EGI	99.06-03.09	GWMZ-41A	FS01-15-010F
BVENY10,BVEY10	2000	CD20	DIE	97.05-99.04	GWN-52A	1N19-15-010

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FAMILIA

BWEY10	2000	CD20	DIE	94.08-99.04	GWN-52A	1N19-15-010
BVENY11,BVEY11	2200	YD22DD	DIE	99.05-03.08		1N27-15-010

FAMILIA PRESTO

BPAV,BPB,BPC	1000	PB		68.01-73.12	GWMZ-07A	0259-15-010
SP2A/2E,MP2A/2H	1000	PB		68.01-73.12	GWMZ-07A	0259-15-010
SPC,SPCV,FA3PS	1000	PC		70.01-78.02	GWMZ-03A	0324-15-010E
BPA55,BTA65	1200	TA/TB		70.01-73.12	GWMZ-07A	0259-15-010
STC(V),FA2T(3T/4TS/4TV)	1300	TC		70.01-85.12	GWMZ-03A	0324-15-010E
EA4US,FA4UV	1400	UC		78.03-85.12	GWMZ-03A	0324-15-010E

FESTIVA

DA1PF	1100	B1		86.02-94.12	GWMZ-31A	8AB3-15-010
DA3PF/3VF	1300	B3		86.02-94.12	GWMZ-31A	8AB3-15-010
DAJPF	1300	BJ		86.12-94.12		8AD1-15-010

FLAIR

MJ34S	660	R06A	EPI	12.10-14.01		1A24-15-010
MJ34S	660	R06A	TBO	12.10-14.01		1A24-15-010

FLAIR WAGON

MM21S	660	K6A	TBO	12.06-14.01		1A15-15-010G
MM21S	660	K6A	EPI	12.06-14.01		1A14-15-010G
MM21S	660	K6A	TBO	12.06-14.01		1A15-15-010G
MM32S	660	R06A	EPI	13.04-14.01		1A24-15-010A

GRAND FAMILIA

STC,STCV	1300	TC		71.07-78.07	GWMZ-03A	0324-15-010D
SU4A/4AV	1500	UB		72.01-73.07	GWMZ-02A	0305-15-010D
SN3A	1600	NA		73.09-78.06	GWMZ-02A	0305-15-010D
SN3AV	1600	NA	AP	73.09-78.03	GWMZ-02A	0305-15-010D
SN4A	1600	NA	AP	73.09-76.01		2850-15-010
SN4A	1600	NA	AP	73.09-76.01		0459-15-010C

LANTIS

CBA8P	1800	BP	EGI	93.08-95.07	GWMZ-39A	B6BF-15-010F
CBA8P	1800	BP	GAS	95.06-97.06	GWMZ-39A	B6BF-15-010F
CBAEP	2000	KF	EGI	93.08-95.07	GWMZ-42A	8AE2-15-010
CBAEP	2000	KF	EGI	93.08-95.07	GWMZ-43A	KL47-15-010C
CBAEP	2000	KF	GAS	95.06-97.06	GWMZ-43A	KL47-15-010C

LAPUTA

HP11S	660	F6A	TBO	99.03-99.10	GWS-25A	1A00-15-010
HP11S	660	F6A	TBO	99.03-01.03	GWS-26A	1A04-15-010
HP12S	660	F6A	TBO	01.04-01.10	GWS-26A	1A04-15-010
HP21S	660	K6A	TBO	99.03-01.03	GWS-27A*	1A01-15-010A
HP21S	660	K6A	EPI	00.10-01.03	GWS-28A*	1A05-15-010A
HP22S	660	K6A	EPI	01.04-05.12	GWS-32AH	1A12-15-010C
HP22S	660	K6A	TBO	01.04-01.11		1A08-15-010C
HP22S	660	K6A	TBO	01.11-05.12	GWS-35AH	1A13-15-010C

LASER

BF3PF,BF3VF	1300	E3		84.02-87.02	GWMZ-21A*	E301-15-010B
BFTPF,BG3PF	1300	E3		87.03-94.12	GWMZ-31A	8AB3-15-010
BF5PF/RF/VF/SF	1500	E5	(TBO)	82.10-87.02	GWMZ-21A*	8AB1-15-010
BFSPF/RF	1500	B5		87.03-89.03	GWMZ-31A	8AB4-15-010
BG5PF	1500	B5		89.03-94.12	GWMZ-31A	8AB1-15-010
	1500		DOHC		GWMZ-35A	8AB8-15-010
BFMPF/RF	1600	B6		87.03-89.03	GWMZ-31A	8AB4-15-010
BG6RF	1600	B6		89.01-94.12	GWMZ-31A	8AB4-15-010
BG6RF	1600	B6		89.03-94.12	GWMZ-35A	8AB8-15-010
	1600		DOHC		GWMZ-35A	8AB8-15-010

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LASER

BG7PF	1700	PN	DIE	89.03-94.12	GWMZ-51A	8AB9-15-010
BG8RF	1800	BP(T)		89.03-94.12	GWMZ-35A	8AB8-15-010

LUCE

HC3S	1308	13B	TBO	88.08-92.03		8AH1-15-010A
HBSN2	1146	12A	AP	81.11-85.12	GWMZ-18A*	3648-15-130D
LA22S	1146	12A	AP	73.04-73.11		1620-15-130C
LA22S	1146	12A	AP	73.11-77.05	GWMZ-18A*	3648-15-130D
LA42S	1146	12A	AP	77.09-78.03	GWMZ-18A*	3648-15-130D
HB3S	1308	13B	AP	81.08-86.09	GWMZ-18A*	3648-15-130D
HC3S	1308	13B	AP	86.09-94.12		8AH1-15-010
LA33S/33W	1308	13B	AP	73.12-77.09	GWMZ-18A*	3648-15-130D
LA43S	1308	13B	AP	77.09-81.07	GWMZ-18A*	3648-15-130D
SUA	1500	UB		70.01-73.03	GWMZ-02A	0305-15-010E
SUA/D/N	1500	UB		66.01-70.12	GWMZ-01A	0222-15-010
SUAV	1500	UB		67.04-73.03	GWMZ-02A	0305-15-010E
HBPH8	1800	VC	AP	81.10-83.07	GWMZ-02A	0305-15-010E
LA2VS	1800	VC		74.03-76.01	GWMZ-02A	0305-15-010E
LA2VV	1800	VC		73.09-76.01	GWMZ-02A	0305-15-010E
LA3VS	1800	VC	AP	73.12-75.10		0459-15-010
LA3VS	1800	VC	AP	75.10-78.10		0459-15-010C
LA4VS	1800	VC	AP	77.09-81.07	GWMZ-02A	0305-15-010E
SVA	1800	VB		68.10-73.03	GWMZ-02A	0305-15-010E
HBEP/EJ/ES	2000	FE	AP	83.09-86.09	GWMZ-29A	FE79-15-010B
HBPHE/SHE	2000	MA	AP	81.08-83.09	GWMZ-10A	0381-15-010A
HCEJ	2000	FE	LPG	91.08-95.12		8AH5-15-010A
HCEP	2000	FE	LPG	86.08-88.08	GWMZ-71A	FEMJ-15-100
HCEP	2000	FE	LPG	86.08-93.06		8AH5-15-010A
HCEP	2000	FE	AP	86.09-94.12	GWMZ-32A	8AK1-15-010B
HCEP	2000	FE	GAS	88.08-92.03	GWMZ-71A	FEMJ-15-100
HCEP	2000	FE	LPG	93.06-96.01		8AH8-15-010
HCFS	2000	JF(T)	AP	86.09-94.12	GWMZ-36A	8AH3-15-010
HCFS	2000	JF	EGI	88.08-92.03	GWMZ-36A	8AH3-15-010E
HCFS	2000	JF	TBO	88.08-92.03	GWMZ-36A	8AH3-15-010E
LA4MS	2000	MA	AP	77.09-81.09	GWMZ-10A	0381-15-010A
LA4MV	2000	MA	AP	79.01-88.12	GWMZ-10A	0381-15-010A
LA4SS	2200	S2	DIE	80.07-81.07	GWMZ-28A	1456-15-010
LA4SV,HBPS/PS2	2200	S2	DIE	81.08-88.12		S210-15-010B
HC2J	2200	F2	EGI	92.03-95.12	GWMZ-71A	FEMJ-15-100
HC2J	2200	F2	LPG	94.10-95.12	GWMZ-71A	FEMJ-15-100
HCSS	3000	JE		87.08-94.12		8AH6-15-010
HCSS	3000	JE	EGI	88.08-92.03		8AH6-15-010B

MILLENIA

TAFP	2000	KF	EGI	98.06-00.07	GWMZ-43A	KL47-15-010C
TAFP	2000	KFZE	EGI	00.06-02.10	GWMZ-43A	KL47-15-010C
TA3A/3P	2300	KJ	EGI	97.07-00.07	GWMZ-74A	KJ01-15-010H
TA5A	2500	KL	EGI	97.07-98.07	GWMZ-43A	KL47-15-010C
TA5P	2500	KL	EGI	97.07-00.07	GWMZ-43A	KL47-15-010C
TA5P	2500	KLZE	EGI	00.06-03.08	GWMZ-43A	KL47-15-010C

MPV

LWEW	2000	FS	EGI	99.05-02.04	GWMZ-41A	FS01-15-010F
LW3W	2300	L3	EGI	02.03-03.10	GWMZ-58A	L327-15-100A
LW3W	2300	L3DE	EGI	03.10-05.12	GWMZ-58A	L327-15-100A
LY3P	2300	L3VDT	TBO	05.12-14.01	GWMZ-58A	L327-15-100A
LY3P	2300	L3VE	EGI	05.12-14.01	GWMZ-58A	LF94-15-100A
LV5W	2500	G5	GAS	94.12-95.10	GWMZ-38A	G601-15-010D
LV5W	2500	G5		95.10-	GWMZ-38A	8AL1-15-010B
LV5W	2500	G5	EGI	95.10-99.05	GWMZ-38A	G601-15-010D
LVLRL,LVLW	2500	WL	DTB	95.10-99.05	GWMZ-49A	WL11-15-100E

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MPV

LW5W	2500	GY	EGI	99.05-02.04	GWMZ-54A*	GY01-15-010B
LVEW	3000	JE	GAS	89.11-95.10	GWMZ-36A	8AH3-15-010E
LVEW	3000	JE		90.01-94.12	GWMZ-36A	8AH3-15-010B
LVEW	3000	JE	EGI	95.10-99.05	GWMZ-48A	JE96-15-010B
LWFW	3000	AJ	EGI	02.03-03.10	GWMZ-75A	AJ03-15-010G
LWFW	3000	AJ	EGI	02.03-03.10	GWMZ-54A*	GY01-15-010B
LWFW	3000	AJDE	EGI	03.10-05.12	GWMZ-75A	AJ03-15-010G

MS-6

GE8P	1800	K8	EGI	91.10-94.07	GWMZ-42A	8AE2-15-010
GE8P	1800	K8	EGI	91.10-94.07	GWMZ-43A	KL47-15-010C
GEEP	2000	KF	EGI	91.10-94.07	GWMZ-42A	8AE2-15-010
GEEP	2000	KF	EGI	91.10-94.07	GWMZ-43A	KL47-15-010C
GEFP	2000	RF	DIE	93.06-94.07	GWMZ-50A*	8AGA-15-010
GESR	2000	FS	EGI	92.04-94.07	GWMZ-41A	FS01-15-010F

MS-8

MBEP	2000	KF	EGI	92.01-94.06	GWMZ-42A	8AE2-15-010
MBEP	2000	KF	EGI	92.01-98.02	GWMZ-43A	KL47-15-010C
MB5A	2500	KL	EGI	92.01-95.11	GWMZ-43A	KL47-15-010C
MB5A/5P	2500	KL	EGI	92.01-94.06	GWMZ-42A	8AE2-15-010
MB5P	2500	KL	EGI	92.01-98.02	GWMZ-43A	KL47-15-010C

MS-9

HD5S	2500	J5	EGI	91.09-93.12	GWMZ-53A	JE48-15-010E
HDES	3000	JE	EGI	91.09-93.12	GWMZ-53A	JE48-15-010E

MX-6

GEEB	2000	KF	EGI	91.11-94.05	GWMZ-42A	8AE2-15-010
GEEB	2000	KF	EGI	91.11-94.05	GWMZ-43A	KL47-15-010C
GEES	2000	KF	EGI	94.05-96.01	GWMZ-43A	KL47-15-010C
GE5B	2500	KL	EGI	91.11-94.05	GWMZ-42A	8AE2-15-010
GE5B	2500	KL	EGI	91.11-96.01	GWMZ-43A	KL47-15-010C
GE5S	2500	KL	EGI	94.05-96.01	GWMZ-43A	KL47-15-010C

PERSONA

MA8P	1800	F8	EGI	88.10-90.02	GWMZ-71A	FEMJ-15-100
MA8P	1800	F8	EGI	90.02-92.03	GWMZ-56A	FE3P-15-100
MAEP	2000	FE	EGI	88.10-92.03	GWMZ-56A	FE3P-15-100

PORTER CAB

PC4D	550	2G23		77.03-82.11	GWMZ-26A	1345-15-010A
PC56T	550	G23B		82.11-84.10	GWMZ-26A	1345-15-010A
PC56T	550	G23B	GAS	82.11-84.10	GWMZ-26A	1345-15-010A
PC56T	550	G23B		84.10-94.12		A503-15-010A
PC56T	550	G23B	GAS	84.10-86.03		A503-15-010
PC56T	550	G23B	GAS	84.10-89.07		A503-15-010A

PREMASY

CP8W	1800	FPDE	EGI	99.02-05.02	GWMZ-69A	FP01-15-010G
CPEW	2000	FSZE	EGI	01.06-05.02	GWMZ-41A	FS01-15-010F
CREW	2000	LFDE	EGI	05.02-07.08	GWMZ-58A	L327-15-100A
CREW	2000	LFVD	DI	07.01-14.01	GWMZ-58A	LF94-15-100A
CREW	2000	LFVE	EGI	07.08-14.01	GWMZ-58A	LF94-15-100A
CWEAW	2000	LFVE	EGI	10.08-14.01	GWMZ-58A	LF94-15-100A
CWEFW	2000	LFVD	DI	10.07-14.01	GWMZ-58A	LF94-15-100A
CWEFW	2000	LFVDS	DI	10.07-14.01	GWMZ-58A	LF94-15-100A
CWFFW	2000	PEVPS	DI	13.01-14.01		PE01-15-010B
CR3W	2300	L3VE	EGI	05.02-07.08	GWMZ-58A	L327-15-100A
CR3W	2300	L3VE	EGI	07.08-14.01	GWMZ-58A	LF94-15-100A

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PROCEED

BTA67	1300	TC		72.03-76.12	GWMZ-03A	0324-15-010D
BNA61	1600	NA		71.01-76.10	GWMZ-02A	0305-15-010D
PE2N6	1600	NA		77.02-79.10	GWMZ-02A	0305-15-010D
FE2V6	1800	VC		77.08-77.09	GWMZ-02A	0305-15-010E
TF11W	2000	H20A	GAS	95.02-96.09		1A50-15-010
TF31W	2000	RF	DIE	95.01-96.09	GWMZ-30A*	RF95-15-010C
TF31W	2000	RF	DIE	95.01-96.09	GWMZ-30A*	RF95-15-100B
TF51W,TJ51W	2000	J20A	GAS	96.10-97.11		1A51-15-010D
TF52W,TJ52W	2000	J20A	EPI	97.11-99.09		1A51-15-010D
TJ11W	2000	H20A	GAS	95.02-96.09		1A50-15-010
TJ31W	2000	RF	DIE	95.01-97.11	GWMZ-30A*	RF95-15-010C
TJ31W	2000	RF	DIE	95.01-97.11	GWMZ-30A*	RF95-15-100B
TJ32W	2000	RF	DTB	98.02-99.09	GWMZ-30A*	RF95-15-010C
TJ32W	2000	RF	DTB	98.02-99.09	GWMZ-30A*	RF95-15-100B
TJ61W	2500	H25A	GAS	96.10-97.11		1A50-15-010
TJ62W	2500	H25A	EPI	98.02-99.09		1A50-15-010
UV56R	2500	G5	EGI	96.02-99.02	GWMZ-38A	G601-15-010D
UVL6R	2500	WL	DIE	96.02-99.02	GWMZ-49A	WL11-15-100E
UF66M	2600	G6		89.11-94.06	GWMZ-38A	8AL1-15-010B
UF66M	2600	G6	EGI	89.11-99.02	GWMZ-38A	G601-15-010D
UV66R	2600	G6	EGI	90.12-96.01	GWMZ-38A	G601-15-010D

REVUE

DB3PA	1300	B3	GAS	90.08-95.10	GWMZ-31A	B3C7-15-010A
DB3PA	1300	B3Mi		90.09-94.12	GWMZ-31A	8AD2-15-010
DB3PA	1300	B3	SPI	95.12-99.02	GWMZ-31A	B3C7-15-010A
DB5PA	1500	B5	GAS	90.08-95.10	GWMZ-31A	B3C7-15-010A
DB5PA	1500	B5Mi		90.09-94.12	GWMZ-31A	8AD2-15-010
DB5PA	1500	B5	SPI	95.12-99.02	GWMZ-31A	B3C7-15-010A

ROADSTAR

NA6CE	1600	B6	EGI	89.06-93.08	GWMZ-35A	B660-15-010E
NB6C	1600	B6	EGI	97.12-00.06	GWMZ-39A	B6BF-15-010F
NB6C	1600	B6ZE	EPI	00.06-05.08	GWMZ-39A	B6BF-15-010F
NA8C	1800	BP	EGI	93.08-95.09	GWMZ-39A	B6BF-15-010F
NA8C	1800	BP	GAS	95.08-97.11	GWMZ-39A	B6BF-15-010F
NB8C	1800	BP	EGI	97.12-00.06	GWMZ-39A	B6BF-15-010F
NB8C	1800	BPVE	EPI	00.06-05.08	GWMZ-39A	B6BF-15-010F
NB8C	1800	BPZET	TBO	04.02-05.08	GWMZ-39A	B6BF-15-010F
NCEC	2000	LFVE	EGI	05.08-14.01	GWMZ-58A	LF94-15-100A

RX-7

FC3C	1308	13B	TBO	87.08-89.07		8AF1-15-100A
FC3C	1308	13B	TBO	87.08-89.07		8AF9-15-010A
FC3C	1308	13B	TBO	87.08-89.07		N318-15-010E
FC3C	1308	13B	TBO	89.01-92.12		N350-15-100
FC3C	1308	13B	TBO	89.01-92.12		N370-15-010
FC3C	1308	13B	TBO	89.01-92.12		N380-15-010A
FC3S	1308	13B	TBO	85.09-89.07		8AF1-15-100A
FC3S	1308	13B	TBO	85.09-89.07		8AF9-15-010A
FC3S	1308	13B	TBO	85.09-89.07		N318-15-010C
FC3S	1308	13B	TBO	85.09-89.07		N318-15-010E
FC3S	1308	13B	TBO	85.09-89.07		N319-15-010C
FC3S	1308	13B	TBO	85.09-89.07		N319-15-010E
FC3S	1308	13B	TBO	89.01-91.10		N350-15-100
FC3S	1308	13B	TBO	89.01-91.10		N370-15-010
FC3S	1308	13B	TBO	89.01-91.10		N380-15-010A
FD3S	1308	13B	TBO	91.10-93.07		N3A1-15-010B
FD3S	1308	13B	TBO	91.10-93.07		N3A2-15-010B
FD3S	1308	13B	TBO	91.10-93.07		N3A2-15-010C
FD3S	1308	13B	TBO	91.10-93.07		N3A2-15-010D
FD3S	1308	13B	TBO	91.10-96.01		N3C1-15-010D

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RX-7

FD3S	1308	13B	TBO	91.10-96.01		N3C2-15-010D
FD3S	1308	13B	TBO	91.10-00.09		N3A1-15-100A
FD3S	1308	13B	TBO	95.12-00.09		N3F1-15-010
FD3S		13BREW	TBO	00.10-02.08		N3A1-15-100A
FD3S		13BREW	TBO	00.10-02.08		N3F1-15-010

RX-8

SE3P		13BMSP	EGI	03.05-08.02		N3H1-15-100B
SE3P		13BMSP	EGI	08.02-14.01		N3R1-15-100

SAVANNA/RX-7

S102A/W	382	10A		71.07-73.05		0866-15-130
S102A/W	982	10A		71.07-73.09		1620-15-130C
S124A	1146	12A		72.09-73.05		1620-15-130A
S124A	1146	12A	AP	74.01-77.04	GWMZ-18A*	3648-15-130D
S124A/W	1146	12A	AP	73.05-74.12		1620-15-130C
S124W	1146	12A	AP	74.01-76.10	GWMZ-18A*	3648-15-130D
SA22C	1146	12A	AP	78.03-85.10	GWMZ-18A*	3648-15-130D
FC3S	1308	13B	AP	85.09-94.12		N315-15-010A

SCRUM

DG41B/41T/41V,DH41T/41V	550	F5B	GAS	89.05-90.03	GWS-22A	8BA1-15-010
DG41V,DH41V	550	F5B	TBO	89.05-90.03	GWS-22A	8BA1-15-010
DG51B/51T/51V,DH51T/51V	660	F6A	GAS	90.02-91.09	GWS-14A	ZZSA-15-010A
DG51V,DH51V	660	F6A	TBO	90.02-91.09	GWS-14A	ZZSA-15-010A
DG52T	660	F6A	GAS	99.01-99.12	GWS-25A	1A03-15-010
DG52T/52V,DH52T/52V	660	F6A	EPI	99.01-99.12	GWS-25A	1A03-15-010
DG52T/52V,DH52T/52V	660	F6A	TBO	99.01-99.12	GWS-25A	1A03-15-010
DG52T/52V,DH52T/52V	660	F6A	EPI	99.12-01.09	GWS-26A	1A06-15-010
DG52W	660	F6A	TBO	99.12-00.05	GWS-25A	1A03-15-010
DG52W	660	F6A	TBO	99.12-01.09	GWS-26A	1A06-15-010
DG62T	660	K6A	EPI	01.09-02.05	GWS-37AH	1A09-15-010D
DG62V/62W	660	K6A	EPI	01.09-05.09	GWS-37AH	1A09-15-010D
DG62W	660	K6A	TBO	01.09-05.09	GWS-37AH	1A09-15-010D
DG63T	660	K6A	EPI	02.05-14.01	GWS-37AH	1A09-15-010D
DG64V/64W	660	K6A	EPI	05.09-14.01	GWS-42AH	1A20-15-010A
DG64V/64W	660	K6A	EPI	05.09-14.01	GWS-43AH	1A21-15-010
DG64V	660	K6A	EPI	12.05-14.01		1A22-15-010
DG64V	660	K6A	EPI	13.04-14.01		1A22-15-010
DG64W	660	K6A	TBO	05.09-14.01	GWS-42AH	1A20-15-010A
DG64W	660	K6A	TBO	05.09-14.01	GWS-43AH	1A21-15-010
DG64W	660	K6A	TBO	12.05-14.01		1A22-15-010
DG16T	660	R06A	EPI	13.09-14.01		1A24-15-010
DJ51B/51T,DK51B/51T,DL51V,DM51V	660	F6A	GAS	91.09-98.10	GWS-21A	ZZS0-15-010B
DJ51T,DK51T	660	F6A	TBO	97.04-98.10	GWS-21A	ZZS0-15-010B
DL51V,DM51V	660	F6A	EPI	91.09-98.10	GWS-21A	ZZS0-15-010B
DL51V,DM51V	660	F6A	TBO	91.09-98.10	GWS-21A	ZZS0-15-010B

SENTIA

HD5P	2500	J5	EGI	93.11-96.01	GWMZ-53A	JE48-15-010E
HD5S	2500	J5	EGI	91.03-96.01	GWMZ-53A	JE48-15-010E
HDEP	3000	JE	EGI	93.11-96.01	GWMZ-53A	JE48-15-010E
HDES	3000	JE	EGI	91.03-96.01	GWMZ-53A	JE48-15-010E
HEEA	3000	JE	GAS	95.10-97.10	GWMZ-53A	JE48-15-010E
HEEA/P	3000	JE	GAS	95.10-97.10		JEA6-15-010A
HEEA/P	3000	JE	EGI	97.09-00.09	GWMZ-53A	JE48-15-010E
HEEA/P	3000	JE	EGI	97.09-00.09		JEA6-15-010A

SPECTRON

SD89TF,SS89VF	1800	F8		85.02-87.09	GWMZ-29A	FE79-15-010C
SS88MF,SD89T/89D,TF	1800	F8		87.09-94.12	GWMZ-32A	8AK1-15-010
SS88WF/RF	1800	F8		83.09-85.02	GWMZ-25A	F801-15-010B

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SPECTRON

SDATF,SREAN/EAVF	2000	FE		83.05-85.02	GWMZ-25A	F801-15-010B
SDATF,SREAN/EAVF	2000	FE		85.02-90.08	GWMZ-29A	FE79-15-010C
SREAVF,SDEATF	2000	FE		90.08-94.12	GWMZ-32A	8AH2-15-010
SD2ATF/29TF/29VF	2200	R2	DIE	83.05-	GWMZ-30A*	RF01-99-154
SR2AOF/29VF	2200	R2	DIE	83.05-	GWMZ-30A*	RF01-99-154

SPIANO

HF21S	660	K6A	EPI	02.02-04.10	GWS-32AH	1A12-15-010C
HF21S	660	K6A	TBO	02.10-04.10	GWS-35AH	1A13-15-010C
HF21S	660	K6A	EPI	04.10-06.04	GWS-35AH	1A18-15-010B
HF21S	660	K6A	EPI	04.10-08.09	GWS-32AH	1A17-15-010A
HF21S	660	K6A	TBO	04.10-06.04	GWS-32AH	1A17-15-010A
HF21S	660	K6A	TBO	04.10-08.09	GWS-35AH	1A18-15-010B

TELSTER

GC6PF	1600	F6		82.09-85.02	GWMZ-25A	F801-15-010B
GC6PF	1600	F6		85.02-	GWMZ-29A	FE79-15-010C
GC8PF	1800	F8		82.09-	GWMZ-25A	F801-15-010B
GC8PF	1800	F8		87.05-	GWMZ-32A	8AK1-15-010
GCEPF	2000	RF	DIE	83.10-	GWMZ-30A*	RF01-99-154
GCEPF(EGI)	2000	FE		82.09-	GWMZ-25A	F801-15-010B
GEEPA	2000	KF		91.01-94.12	GWMZ-42A	8AE2-15-010
GEEPA	2000	KF		91.01-	GWMZ-43A	8AK2-15-010
GESRF	2000	FS		91.10-94.07	GWMZ-41A	8AG9-15-010
GE5PF	2500	KL		92.01-92.12	GWMZ-43A	8AK2-15-010
GE5PF	2500	KL		92.01-94.12	GWMZ-42A	8AE2-15-010

TITAN

SYE4T/6T	2000	FEE	EGI	00.10-14.01	GWMZ-71A	8AS6-15-010A
SYE6T	2000	FE	CNG	00.10-02.08	GWMZ-71A	8AS6-15-010A
SYE6T	2000	FEC	LPG	00.10-14.01	GWMZ-71A	8AS6-15-010A
SYF4L/4T/6L/6T	2000	RF	DTB	04.08-14.01	GWMZ-70A	RF2A-15-100C
SY54L/54T/56L/56T	2500	WL	DIE	00.10-04.08	GWMZ-49A	WL11-15-100E
WE5AT	2500	XA	DIE	84.01-89.05	GWMZ-22A	SEA1-15-100B
WE5AT	2500	XA	DIE	87.02-89.05	GWMZ-22A	SE01-15-100
WG5AT	2500	XA	DIE	89.04-92.01	GWMZ-22A	SEA1-15-100B
LHR85A,LJR85A,LKR85A	3000	4JJ1	DTB	07.02-14.01		1K01-15-100
LLR85AN/AR	3000	4JJ1	DTB	07.02-14.01		1K01-15-100
LKR85R	3000	4JJ1	DTB	07.02-09.05		1K01-15-100
LLR85N,LLS85AN/AR,LMR85AN/AR	3000	4JJ1	DTB	07.02-14.01		1K01-15-100
LMR85N/85R,LMS85AN	3000	4JJ1	DTB	07.02-14.01		1K01-15-100
LNR85AR,LPR85AR	3000	4JJ1	DTB	07.02-14.01		1K01-15-100
WEF4C/4T,WEFAD/AT	3000	HA	DIE	84.01-89.05	GWMZ-22A	SEA1-15-100B
WEF4C/4T,WEFAT	3000	HA	DIE	87.02-89.05	GWMZ-22A	SE01-15-100
WGFAD	3000	HA	DIE	89.05-92.01	GWMZ-22A	SEA1-15-100B
WGFAT	3000	HA	DIE	89.04-95.05	GWMZ-22A	SEA1-15-100B
WGSAT	3000	VS	DIE	95.05-99.04		VS10-15-100A
WGSAT	3000	VS	DIE	99.04-00.05		VS21-15-100A
WHS5T	3000	VS	DIE	00.05-14.01		VS27-15-100A
LHR69/69N	3100	4JG2	DIE	04.07-14.01	GWIS-45A	1K00-15-100
LHS69A/69AN	3100	4JG2	DIE	04.10-14.01	GWIS-45A	1K00-15-100
LHS69AN	3100	4JG2	LPG	04.10-14.01	GWIS-45A	1K00-15-100
WEL1D,WELAD/AK	3500	SL	DTB	84.01-89.05	GWMZ-40A*	SLA1-15-100A
WEL4C/4H/4M/4T,WELAE/AF/AM	3500	SL	DIE	87.02-89.05	GWMZ-40A*	SLA1-15-100A
WEL4C/4H/4T,WEL7T,WELAT	3500	SL	DTB	87.02-89.05	GWMZ-40A*	SLA1-15-100A
WEL4C/4H/4T,WEL7T/LAT	3500	SL	DTB	84.01-87.02	GWMZ-40A*	SL01-15-100D
WEL4C/4H/4T,WELAE/AM/AT	3500	SL	DIE	84.01-87.02	GWMZ-40A*	SL01-15-100D
WEL4D/LAC/LAD/LAK/LAN/LAT	3500	SL	DIE	84.01-89.05	GWMZ-40A*	SLA1-15-100A
WELAF	3500	SL	DIE	84.03-87.02	GWMZ-40A*	SL01-15-100D
WELAF	3500	SL	DTB	84.03-87.02	GWMZ-40A*	SL01-15-100D
WGL4H/4S	3500	SL	DIE	89.04-91.12	GWMZ-40A*	SLA1-15-100A
WGL4H/4T/7H	3500	SL	DTB	91.12-95.05		SLN1-15-100B

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TITAN

WGL4H/4T/7H/7T,WGLAT	3500	SL	DTB	89.04-91.12	GWMZ-40A*	SLA1-15-100A
WGL4M,WGLAM	3500	SL	DIE	89.04-91.12	GWMZ-40A*	SLE1-15-100
WGL4M/4T,WGLAF/AM/AT	3500	SL	DIE	91.12-95.05		SLN1-15-100B
WGL4T,WGLAF/AT	3500	SL	DIE	89.04-92.01	GWMZ-40A*	SLA1-15-100A
WGLAD	3500	SL	DIE	89.05-92.01	GWMZ-40A*	SLA1-15-100A
WGLAD	3500	SL	DTB	89.05-92.01	GWMZ-40A*	SLA1-15-100A
WGLAD/AK/AN	3500	SL	DIE	92.01-95.05		SLN1-15-100B
WGLAK	3500	SL	DIE	90.07-92.01	GWMZ-40A*	SLA1-15-100A
WGLAN	3500	SL	DIE	89.05-92.01	GWMZ-40A*	SLE1-15-100
WE11D/11T	4100	ZB	DIE	84.01-87.03		V101-15-100A
WE14L/T,WE17T	4100	ZB	DIE	84.01-87.02		V101-15-100A
WGE1T/4T,WGEAD/AH/AT,WGFAK	4100	TF	DIE	95.05-00.05	GWMZ-52A	TF04-15-100B
WGEAH	4100	TF	LPG	95.07-00.05	GWMZ-52A	TF04-15-100B
WGEAT	4100	TF	LPG	98.12-99.04	GWMZ-52A	TF04-15-100B
WGT1D,WGTAD/AK	4100	TF	DIE	89.05-95.05	GWMZ-52A	TF04-15-100B
WGT4H/7H/7T	4100	TF	DIE	89.04-91.12	GWMZ-52A	TF04-15-100B
WGT4T,WGTAE/AT	4100	TF	DIE	89.04-95.05	GWMZ-52A	TF04-15-100B
WGT7V	4100	TF	DIE	90.07-95.05	GWMZ-52A	TF04-15-100B
WGTAE	4100	TF	LPG	94.10-95.05	GWMZ-52A	TF04-15-100B
WH65H	4100	TF	LPG	00.06-02.06		TFA2-15-100A
WH6HH	4100	TF	LPG	02.06-14.01		TFA2-15-100A
WHF3F/3G/5T	4100	TF	DIE	00.05-14.01		TFA2-15-100A
WHF5D/5G	4100	TF	DIE	00.04-14.01		TFA2-15-100A
WHF5G	4100	TF	CNG	00.04-02.06		TFA2-15-100A
WHF5G	4100	TF	LPG	00.04-14.01		TFA2-15-100A
WHF5T	4100	TF	LPG	00.05-14.01		TFA2-15-100A
LKR81AN/81N,LPR81AN/81N	4300	4HF1	CNG	04.07-14.01	GWIS-42A	YJ01-15-100A
WG31T/34T,WG3AD/H,WG3AT/J4T	4300	4HF1	DIE	95.05-00.05	GWIS-42A	YJ01-15-100A
WG3AM/N	4300	4HF1	DIE	95.05-00.05		YJ20-15-100
WH33F/33G/35T	4300	4HF1	DIE	00.05-14.01	GWIS-42A	YJ01-15-100A
WH35D/38H	4300	4HF1	DIE	00.04-14.01	GWIS-42A	YJ01-15-100A
WH35H	4300	4HF1	DIE	00.04-02.06	GWIS-42A	YJ01-15-100A
WH3HD/3HH	4300	4HF1	DIE	00.06-14.01	GWIS-42A	YJ01-15-100A
LKR81AN/81N,LPR81AN/81N	4600	4HG1	LPG	04.07-14.01	GWIS-42A	YJ01-15-100A
LKR82AN/82N,LPR82AN/82N	4600	4HV1	CNG	05.04-14.01	GWIS-42A	YJ01-15-100A
WG61D/H/K/T,WG64H/T,WG67H/T	4600	4HG1	DIE	95.05-00.05	GWIS-42A	YJ01-15-100A
WG6AD/AF/AK/AT,WGZ4T	4600	4HG1	DIE	95.05-00.05	GWIS-42A	YJ01-15-100A
WGM1D,WGMAD	4600	TM	DIE	92.01-95.05	GWMZ-52A	TF04-15-100B
WGM4H/4S/4T/7H/7T	4600	TM	DIE	91.12-95.05	GWMZ-52A	TF04-15-100B
WGMAF	4600	TM	DIE	93.06-95.05	GWMZ-52A	TF04-15-100B
WH63F/63G/65T/69G/69H	4600	4HG1	DIE	00.05-14.01	GWIS-42A	YJ01-15-100A
WH63H/65D/65G/65H/68G/68H/68K	4600	4HG1	DIE	00.04-14.01	GWIS-42A	YJ01-15-100A
WH6HD/H	4600	4HG1	DIE	00.06-14.01	GWIS-42A	YJ01-15-100A
LKR81A/81AD/81AN/81AR/N	4800	4HL1	DIE	04.06-14.01	GWIS-42A	YJ01-15-100A
LKS81A/81AN/81AR/81N	4800	4HL1	DIE	04.06-14.01	GWIS-42A	YJ01-15-100A
LKR81R	4800	4HL1	DIE	04.07-14.01	GWIS-42A	YJ01-15-100A
LPR81AN/81AR/81DR/81N/81R	4800	4HL1	DIE	04.07-14.01	GWIS-42A	YJ01-15-100A
LPS81AN/81AR/81N	4800	4HL1	DIE	04.07-14.01	GWIS-42A	YJ01-15-100A
LPR75N	5200	4HK1	DTB	07.02-14.01		1K02-15-100

TITAN/PARKWAY

EVB12/13/43	2000	VA		71.06-79.12	GWMZ-14A	0552-15-010G
EXB12/43	2500	XA	DIE	71.06-73.03	GWMZ-13A*	0550-15-010
EXR15	2500	XA	DIE	76.07-80.09	GWMZ-13A*	0750-15-010
WEWO51,WE5AT	2500	XA	DIE	80.09-90.08	GWMZ-22A	SE01-15-100
EXA12/13/43	2700	XB	DIE	71.11-77.02	GWMZ-13A*	0750-15-010
TA3H1	3000	HA	DIE	77.03-80.09	GWMZ-13A*	0750-15-010
TA3H4	3000	HA	DIE	77.03-80.09	GWMZ-13A*	0750-15-010
WEF4C/F4D/F4H/F4T	3000	HA	DIE	83.03-94.12	GWMZ-22A	SE01-15-100
WEFA/FAE/FAT/FAX	3000	HA	DIE	83.03-94.12	GWMZ-22A	SE01-15-100
WEWOF1/XOF1/YOF1/YOF2	3000	HA	DIE	80.09-83.02	GWMZ-22A	SE01-15-100
WVLSF/F4B	3000	HA	DIE	81.10-	GWMZ-22A	SE01-15-100

MAZDA

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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TITAN/PARKWAY

WEL4C/L4D/L4H/L4T	3500	SL(T)	DIE	84.02-89.05		SL01-15-100
WELAC/LAD/LAK/LAN	3500	SL(T)	DIE	84.01-89.05	GWMZ-40A*	8AW4-15-100A
WGL4H/L4S/L4T/L7H/L7T	3500	SL(T)	DIE	89.05-94.12	GWMZ-40A*	8AW4-15-100
WGL4M/LAN	3500	SL(T)	DIE	89.05-94.12		8AW8-15-100
WGLAD/LAF/LAT	3500	SL(T)	DIE	89.05-94.12	GWMZ-40A*	8AW4-15-100
TA2X4/2XD	3700	XC	DIE	75.09-80.09		1316-15-100
WGT4H/T4T/T7H/T7T	4000	TF	DIE	89.05-94.12	GWMZ-40A*	8AW4-15-100
WGTAD/TAE/TAK/TAT	4000	TF	DIE	89.05-94.12	GWMZ-40A*	8AW4-15-100
WE11T/14T/17T	4100	ZB	DIE	83.03-94.12		V101-15-100A
WEXO11/YO11/ZO11	4100	ZB	DIE	80.09-83.02		V101-15-100A

TRIBUTE

EPEW	2000	YF	EGI	00.11-03.12		YF09-15-100
EPEW	2000	YF	EGI	00.11-03.12		YF09-15-101
EP3W	2300	L3	EGI	03.12-05.10	GWMZ-58A	L327-15-100A
EPFW	3000	AJ	EGI	00.11-03.12	GWMZ-54A*	GY01-15-010B
EPFW	3000	AJ	EGI	03.12-05.10		AJ03-15-010G

VERISA

DC5R/W	1500	ZYVE	EGI	04.06-14.01	GWMZ-57A	ZJ01-15-010B
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EXPORT MODEL

GWMZ-24A(3299-15-010)ECONO VAN 1500cc (TAIWAN)
 GWMZ-34A(0290-15-010A)77-78 CAPELLA,LUCE,COSMO
 GWMZ-37A(ZZM1-15-010)94 B300 PICK UP (USA)

MERCEDES BENZ

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
MERCEDES BENTZ				
190	90-93	1.8L W201	GWBE-06A	102-200-0520
	85-93	2.0L W201	GWBE-06A	102-200-0520
	84-93	2.3L W201	GWBE-06A	102-200-0520
	88-93	2.5L W201	GWBE-06A	102-200-0520
200	76-80	2.0L W123	GWBE-02A	110-200-0920
200D	71-76	2.0L W115	GWBE-02A	121-200-0920
	76-85	2.0L W123	GWBE-02A	121-200-0920
	71-76	2.0L W115	GWBE-02A	121-200-0920
	76-79	2.0L W123	GWBE-02A	121-200-0920
230	69-76	2.3L W114	GWBE-02A	110-200-0920
	73-76	2.3L W115	GWBE-02A	110-200-0920
	76-80	2.3L W123	GWBE-02A	110-200-0920
230.6	71-76	2.3L W114 AUTOMATIC ENG#-003563	GWBE-01A	115200-01230
	71-76	2.3L W114 MANUAL ENG#-007681	GWBE-01A	115200-01230
240D	73-76	2.4L W115	GWBE-02A	110-200-0920
	76-85	2.4L W123	GWBE-02A	115-200-0020
	74-76	3.0L W115	GWBE-02A	115-200-0020
250	68-76	2.5L W114	GWBE-02A	115-200-0020
250 250C	72-76	2.8L W114 AUTOMATIC ENG#-006185	GWBE-01A	115200-01230
	72-76	2.8L W114 MANUAL ENG#-008600	GWBE-01A	115200-01230
280	72-76	2.8L W114	GWBE-02A	121-200-0920
280S	73-80	2.8L W116	GWBE-02A	121-200-0920
300D	76-85	3.0L W123	GWBE-02A	110-200-0920
350	72-80	3.5L W116	GWBE-03A	117-200-0801
350SL	71-80	3.5K R107	GWBE-03A	117-200-0801
450SE	73-80	4.5L W116	GWBE-03A	117-200-0801
450SL	73-80	4.5L R107	GWBE-03A	117-200-0801
220CE,220TE,200E C180,C200,C220 E220/T,E200/T, ML230,C230 SLK200,CLK200	92-93	1.8L	GWBE-04A	111-200-0401
	93-00	2.0L	GWBE-04A	111-200-4001
	93-98	2.2L	GWBE-04A	111-201-0401
	98-05	2.3L	GWBE-04A	111-200-0401
	96-02	2.3L	GWBE-04A	111-200-4001
C43AMG E430 CLK430,ML430 S430 C55AMG CLK55AMG G55AMG CL55AMG,S55AMG E55AMG ML55AMG SLK55AMG CL500 G500 ML500	98-00	V8 4.3L	GWBE-05A	112-200-0201
	98-99	V8 4.3L	GWBE-05A	112-200-0401
	99-00	V8 4.3L	GWBE-05A	112-200-1401
	00-	V8 4.3L	GWBE-05A	112-202-0110
	05-06	V5 5.5L	GWBE-05A	112-200-0201
	01-06	V5 5.5L	GWBE-05A	112-200-0401
	03-05	V5 5.5L	GWBE-05A	112-200-1401
	01-02	V5 5.5L	GWBE-05A	112-202-0110
	99-02	V5 5.5L	GWBE-05A	112-200-1101
	00-03	V5 5.5L	GWBE-05A	112-200-0123
	05-	V5 5.5L	GWBE-05A	112-200-0201
	00-	V8 5.0L	GWBE-05A	112-200-0401
	02-08	V8 5.0L	GWBE-05A	112-200-0201
	02-07	V8 5.0L	GWBE-05A	112-200-0401

MERCEDES BENZ

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
CKL320 E320 SLK320 C280	98-03	V6 3.2L	GWBE-05A	112-200-0201
	98-05	V6 3.2L	GWBE-05A	112-200-0401
	01-03	V6 3.2L	GWBE-05A	112-200-1401
	98-99	V6 2.8L	GWBE-05A	112-202-0110
Coupe	87-92	2.3L C124	GWBE-06A	102-200-0520
KOMBI Estate	85-92	2.0L S124	GWBE-06A	102-200-0520
	85-92	2.3L S124	GWBE-06A	102-200-0520
Saloon	85-92	2.0L W124	GWBE-06A	102-200-0520
	84-93	2.3L W124	GWBE-06A	102-200-0520

MITSUBISHI

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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AIRTREK

CU2W	2000	4G63	ECI	01.03-05.09	GWM-81A	1300A069
CU2W	2000	4G63	TBO	02.05-05.09	GWM-81A	1300A069
CU4W	2400	4G64	GDI	01.03-04.01	GWM-81A	1300A069
CU4W	2400	4G64	ECI	02.12-04.01	GWM-81A	1300A069
CU5W	2400	4G69	ECI	04.01-05.09	GWM-78A	1300A066

ASPIRE

EA1A,EC1A	1800	4G93	GDI	98.08-00.05	GWM-59A	MD309756
EA7A,EC7A	2000	4G94	GDI	00.05-02.12	GWM-59A	MD309756

BRAVO

U41V	660	3G83	TBO	91.12-99.08	GWM-64A	1300A040
U41V,U42V	660	3G83	ECI	90.12-94.01	GWM-64A	1300A040
U41V,U42V	660	3G83	GAS	90.12-99.08	GWM-64A	1300A040
U42V	660	3G83	TBO	91.12-94.01	GWM-64A	1300A040
U43V,U44V	660	4A30	GAS	93.12-99.08	GWM-72A	MD195193
U43V,U44V	660	4A30	ECI	94.01-99.08	GWM-72A	MD195193
U43V,U44V	660	4A30	TBO	94.01-99.08	GWM-72A	MD195193

CANTER

FA500A/B,FA510A/B	2000	4G63	GAS	97.06-99.04	GWM-61A	MD972934
FA580B,FA590B	2000	4G63	GAS	97.06-99.04	GWM-61A	MD972934
FB500A/B/BX,FB510A/B	2000	4G63	ECI	99.05-14.01	GWM-61A	MD972934
FB700A/B	2000	4G63	MPI	03.07-14.01	GWM-61A	MD972934
FA523B,FC563B	2400	4G64	LPG	96.11-99.04	GWM-61A	MD972934
FB523BA,FE533BA	2400	4G64	LPG	99.05-14.01	GWM-61A	MD972934
T90/92/94	2400	4DR-1	DIE	68.01-70.12		31345-10014
FB300	2700	4DR-51	DIE	87.06-94.12		ME005123
FB300A/B	2700	4DR5	DIE	85.10-89.10		ME996781
FB300A/B	2700	4DR5	DIE	85.10-89.10		ME996782
FB300A/B	2700	4DR5	DIE	85.10-89.10		ME996783
FB300A/B,FE300B/BP	2700	4DR5	DIE	85.10-89.10		ME999410
FE100/120	2700	4DR-(5.51A)	DIE	78.11-80.12		31645-00040
FE100/120,FB100/120	2700	4DR-(5.51A)	DIE	81.01-82.07		ME005051
FE100/120,FB100/120	2700	4DR-(5.51A)	DIE	82.08-85.10		ME005089
FE300/320	2700	4DR-51	DIE	85.10-87.05		ME005121
FE300/320	2700	4DR-51	DIE	87.06-94.12		ME005181
FE300B/BP	2700	4DR5	DIE	85.10-89.10		ME996780
FE320E	2700	4DR5	DIE	85.10-87.11		ME996780
FE320E	2700	4DR5	DIE	85.10-87.11		ME999410
T200/210	2700	4DR-5	DIE	73.05-75.06		31645-01021
T200/210	2700	4DR-5	DIE	75.07-76.03		31645-02010
T200/210	2700	4DR-5	DIE	75.07-76.11		31645-02020
T200/210	2700	4DR-5	DIE	76.04-		31645-02011
T200/210	2700	4DR-5	DIE	76.11-77.01		31645-02012
T200/210	2700	4DR-5	DIE	76.11-78.11		31645-02021
T210	2700	4DR-5	DIE	73.05-75.06		31645-01012
T210/220	2700	4DR-5	DIE	77.02-78.11		31645-00040
T96/98	2700	4DR-5	DIE	70.01-73.12		31645-01012
FB308	2800	4DR-7		89.11-94.12		ME001551
FB308A/B	2800	4DR7	DIE	89.11-93.10		ME994341
FB308A/B	2800	4DR7	DIE	89.11-93.10		ME996785
FB308B	2800	4DR7	DIE	89.11-93.10		ME996786
FB328BV	2800	4DR7	DIE	91.04-93.10		ME994341
FB328BV	2800	4DR7	DIE	91.04-93.10		ME996785
FB501A/B,FB511A/B,FD501B	2800	4M40	DIE	93.10-99.05	GWM-67A	ME993475
FB501A/B,FB511A/B,FD501B	2800	4M40	DIE	93.10-99.05		ME995282
FB501B	2800	4M40	LPG	96.02-97.07	GWM-61A	MD972934
FB50AA/AB,FB51AA/AB,FD50AB	2800	4M40	DIE	99.03-02.06	GWM-67A	ME993475
FB70AA/AB/ABX,FD70AB	2800	4M40	DIE	02.05-04.08	GWM-67A	ME993475
FD378B	2800	4DR7	DIE	92.09-93.10		ME996779
FB70BB	3000	4M42	DTB	04.07-14.01	GWM-67A	ME993476

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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CANTER

FD70BB	3000	4M42	DTB	04.12-14.01	GWM-67A	ME993476
FE70BB,FE71BBD	3000	4M42	DTB	04.04-14.01	GWM-67A	ME993476
FE72BB/BE/BEV,FE73BB/BEV	3000	4M42	DTB	04.04-14.01	GWM-67A	ME993476
FE72BC,FE74BBV/BEV	3000	4M42	DTB	06.06-14.01	GWM-67A	ME993476
FE73BEN,FE82BC/BE/BG	3000	4M42	DTB	06.08-14.01	GWM-67A	ME993476
FE74BE	3000	4M42	DTB	06.05-14.01	GWM-67A	ME993476
FE84BE	3000	4M42	DTB	07.02-14.01	GWM-67A	ME993476
FE101/111/121/131	3300	4D-(30A,31A,31T)	DIE	78.11-82.08	GWM-20A	ME015005
FE211/214/221/231	3300	4D-(30A,31A,31T)	DIE	78.11-82.08	GWM-20A	ME015005
FE114/124/134/214/224/234	3300	4D-(30A,31A,31T)	DIE	82.09-85.10	GWM-33A	ME015040
FE301/311/332/334/431/424/444	3300	4D-(30,30T,31T)	DIE	85.10-94.12	GWM-33A	ME015045
FE301B/BD	3300	4D30	DIE	85.10-93.10	GWM-33A	ME993513
FE301B/BD	3300	4D30	DIE	85.10-93.10		ME999702
FE301B/BD	3300	4D30	DIE	89.11-93.10		ME997702
FE311B/BD/BN,FE331E	3300	4D30	DIE	85.10-93.10	GWM-33A	ME993513
FE311B/BD/BN,FE331E	3300	4D30	DIE	85.10-93.10		ME999702
FE311B/BD/BN,FE331E	3300	4D30	DIE	89.11-93.10		ME997702
FE321E	3300	4D30	DIE	87.11-93.10	GWM-33A	ME993513
FE321E	3300	4D30	DIE	87.11-93.10		ME999702
FE334B/334E/334EV	3300	4D31T	DTB	85.10-89.10	GWM-33A	ME993513
FE334B/334E/334EV	3300	4D31T	DTB	85.10-89.10		ME999702
FE431E	3300	4D30	DIE	85.09-89.10	GWM-33A	ME993513
FE431E	3300	4D30	DIE	85.09-89.10		ME999702
FE434C/434E/434EV/434F	3300	4D31T	DTB	85.09-89.10	GWM-33A	ME993513
FE434C/434E/434EV/434F	3300	4D31T	DTB	85.09-89.10		ME999702
FE434ED	3300	4D31T	DTB	85.09-87.11	GWM-33A	ME993513
FE434ED	3300	4D31T	DTB	85.09-87.11		ME999702
FE444C/444E/444EV/444F	3300	4D31T	DTB	85.09-89.10	GWM-33A	ME993513
FE444C/444E/444EV/444F	3300	4D31T	DTB	85.09-89.10		ME999702
FE305/315/325/335/355	3600	4D32	DIE	85.10-94.12	GWM-33A	ME015045
FE305B/305BD	3600	4D32	DIE	89.11-93.10		ME997702
FE305B/305BD/315B/315BD	3600	4D32	DIE	85.10-93.10	GWM-33A	ME993513
FE315BN	3600	4D32	DIE	85.10-93.10	GWM-33A	ME993513
FE305B/305BD/315B/315BD	3600	4D32	DIE	85.10-93.10		ME999702
FE315BN	3600	4D32	DIE	85.10-93.10		ME999702
FE315B/315BD/315BN/445C/445E	3600	4D32	DIE	89.11-93.10		ME997702
FE325BV	3600	4D32	DIE	90.10-93.10		ME997702
FE325BV/325E/335B/335E/335EV	3600	4D32	DIE	85.10-93.10	GWM-33A	ME993513
FE355E	3600	4D32	DIE	85.10-93.10	GWM-33A	ME993513
FE325BV/325EV/335BV	3600	4D32	DIE	85.10-89.10		ME999702
FE325E/335B/335E/335EV/355E	3600	4D32	DIE	85.10-93.10		ME999702
FE325E/335B/335E/335EV/355E	3600	4D32	DIE	89.10-93.10		ME997702
FE325EV/335BV	3600	4D32	DIE	85.10-89.10	GWM-33A	ME993513
FG335B/435E/435ED	3600	4D32	DIE	85.10-89.10	GWM-33A	ME993513
FE337/437/447/467	3600	4D33	DIE	87.09-94.12	GWM-33A	ME015045
FE425/435/445/465	3600	4D32	DIE	85.10-94.12	GWM-33A	ME015045
FE425E/435C/435E/435EV/435F	3600	4D32	DIE	85.09-93.10	GWM-33A	ME993513
FE425E/435C/435E/435EV/435F	3600	4D32	DIE	85.09-93.10		ME999702
FE425E/435C/435E/435EV/435F	3600	4D32	DIE	89.10-93.10		ME997702
FE425EV/435ED	3600	4D32	DIE	85.09-89.10	GWM-33A	ME993513
FE425EV/435ED	3600	4D32	DIE	85.09-89.10		ME999702
FE445C/E	3600	4D32	DIE	85.09-93.10	GWM-33A	ME993513
FE445C/E	3600	4D32	DIE	85.09-93.10		ME999702
FE445EV/445F/465E	3600	4D32	DIE	85.09-87.11	GWM-33A	ME993513
FE445EV/445F/465E	3600	4D32	DIE	85.09-87.11		ME999702
FE516B/BC/BD/BT,FE536E/636E	3600	4D36	DIE	93.10-99.04	GWM-65A	ME995424
FE516BN	3600	4D36	DIE	93.10-96.11	GWM-65A	ME995424
FE566B	3600	4D36	DIE	96.10-99.04	GWM-65A	ME995424
FG325B	3600	4D32	DIE	85.12-93.10	GWM-33A	ME993513
FG335BD	3600	4D32	DIE	86.07-97.04	GWM-33A	ME993513
FG335C/335E	3600	4D32	DIE	85.12-89.10	GWM-33A	ME993513
FE439/449	3900	4D34	DIE	89.11-90.03	GWM-68A	ME013169

MITSUBISHI

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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CANTER

FE439E/439EV/439F,FE449E/F	3900	4D34T	DTB	89.10-93.10	GWM-68A	ME993515
FE439E/439EV/439F,FE449E/F	3900	4D34T	DTB	89.10-93.10		ME993526
FE439EV/439F,449F	3900	4D34	DTB	89.11-93.10	GWM-68A	ME993515
FE449C	3900	4D34T	DTB	89.11-93.10	GWM-68A	ME993515
FE449C	3900	4D34T	DTB	89.11-93.10		ME993526
FE639E/649E	3900	4D34	DTB	93.10-99.04	GWM-65A	ME995424
FE639EV/639F,FE649C/F	3900	4D34	DTB	93.10-96.11	GWM-65A	ME995424
FE639G/649G,FE659C/G	3900	4D34	DTB	96.10-99.04	GWM-65A	ME995424
FE659E	3900	4D34	DTB	95.03-99.04	GWM-65A	ME995424
FE659F	3900	4D34	DTB	95.03-96.11	GWM-65A	ME995424
FE669EV	3900	4D34	DIE	96.10-99.04	GWM-65A	ME995424
FE73CB/CEV,FE82CEV,FE83CEV	3900	4D34	CNG	02.05-04.08	GWM-65A	ME995424
FE73CB/CEV,FE82CEV,FE83CEV	3900	4D34	LPG	02.05-04.08	GWM-65A	ME995424
FF659F	3900	4D34	DTB	96.11-99.05	GWM-65A	ME995424
	3900	4D34	DIE	90.04-94.12		ME013868
FE307BD,FE317B/BD/BN,FE467E	4200	4D33	DIE	89.11-93.10	GWM-68A	ME993515
FE307BD,FE317B/BN,FG327B	4200	4D33	DIE	89.11-93.10	GWM-33A	ME993513
FE317/337/437/447/4670	4200		DIE	87.11-94.12		
FE317BD/337B	4200	4D33	DIE	87.11-93.10	GWM-33A	ME993513
FE317BN	4200	4D33	DIE	89.11-93.10		ME993526
FE337B/BH/E/EV	4200	4D33	DIE	89.10-93.10	GWM-68A	ME993515
FE337B/BH/E/EV	4200	4D33	DIE	89.10-93.10		ME993526
FE337BH/337E/337EV/437C	4200	4D33	DIE	89.10-93.10	GWM-33A	ME993513
FE337BH/EV	4200	4D33	DIE	89.10-93.10		ME993521
FE337E	4200	4D33	DIE	90.10-93.10		ME993521
FE437C/E/EV/F,FE447C/E/F	4200	4D33	DIE	89.10-93.10	GWM-68A	ME993515
FE437E/EV/F	4200	4D33	DIE	87.08-93.10	GWM-33A	ME993513
FE447C/EV/F	4200	4D33	DIE	87.10-93.10	GWM-33A	ME993513
FE447E/467E	4200	4D33	DIE	87.09-93.10	GWM-33A	ME993513
FE507B/BT,FE517B/BC/BD	4200	4D33	DIE	93.10-99.04	GWM-65A	ME995424
FE50CB/53CB/53CE/63CE	4200	4D33	DIE	99.05-02.05	GWM-65A	ME995424
FE50CBT	4200	4D33	DIE	99.03-02.05	GWM-65A	ME995424
FE51CB/CBD/CBT/CBTD	4200	4D33	DIE	99.03-02.05	GWM-65A	ME995424
FE517BN/537E/637EV	4200	4D33	DIE	93.10-96.11	GWM-65A	ME995424
FE527E/ET,FE537BD	4200	4D33	DIE	95.03-99.04	GWM-65A	ME995424
FE52CB/CE/CET,FE63CET	4200	4D33	DIE	99.03-02.05	GWM-65A	ME995424
FE537B	4200	4D33	LPG	96.05-97.07	GWM-61A	MD972934
FE537B/EV,FE637C/E/ET	4200	4D33	DIE	93.10-99.04	GWM-65A	ME995424
FE537ET/637F,FG537BD/BT	4200	4D33	DIE	93.10-95.03	GWM-65A	ME995424
FE53CEV	4200	4D33	DIE	99.04-02.05	GWM-65A	ME995424
FE567B/EV,FE667EV	4200	4D33	DIE	96.10-99.04	GWM-65A	ME995424
FE567EV/667EV	4200	4D33	CNG	98.10-99.04	GWM-65A	ME995424
FE63CEV	4200	4D33	DIE	99.05-02.06	GWM-65A	ME995424
FE70CB,FE71CBD,FE72CB/CE	4200	4D33	DIE	02.05-04.08	GWM-65A	ME995424
FE73CB/CEV,FE82CE,FE83CEV	4200	4D33	DIE	02.05-04.08	GWM-65A	ME995424
FG327/337	4200	4D33	DIE	87.11-94.12	GWM-33A	ME015050
FG337B/BD/C/E,FG437E	4200	4D33	DIE	89.11-93.10	GWM-33A	ME993513
FG507B/BD	4200	4D33	DIE	96.11-99.05	GWM-65A	ME995424
FE508B,FE518BD	4600	4D35	DIE	93.10-99.04	GWM-65A	ME995424
FE518B/BN	4600	4D35	DIE	93.10-96.11	GWM-65A	ME995424
FE538EV/638EV/638F/648F	4600	4D35	DIE	93.10-96.11	GWM-65A	ME995424
FE528E,FE538BD,FE548B/C/E	4600	4D35	DIE	95.03-99.04	GWM-65A	ME995424
FE538B/E,FE638C/E,FE648C/E	4600	4D35	DIE	93.10-99.04	GWM-65A	ME995424
FE538C/658F	4600	4D35	DIE	95.03-96.11	GWM-65A	ME995424
FE568B/C/EV,FE648G/658G/668EV	4600	4D35	DIE	96.10-99.04	GWM-65A	ME995424
FE638EN/638G,FE658C/E	4600	4D35	DIE	95.03-99.04	GWM-65A	ME995424
FF658F,FG508B/BD	4600	4D35	DIE	96.11-99.05	GWM-65A	ME995424
FG538B/BD/BT,FG538E,FG638E	4600	4D35	DIE	93.10-99.05	GWM-65A	ME995424
FE63DCY/DG	4900	4M50	DTB	99.04-02.05		ME995072
FE63DE/DEX	4900	4M50	DTB	99.05-02.05		ME995072
FE63DEV/DEY/DGX/DGY	4900	4M50	DTB	99.03-02.05		ME995072
FE70DB,FE71DBD	4900	4M50	DTB	04.02-14.01		ME993898

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CANTER

FE72DB/DC/DE/DEV	4900	4M50	DTB	04.02-14.01		ME993898
FE70DB/71DBD/82DC	4900	4M50	DTB	04.04-14.01		ME994451
FE72DC,FE73DB/DBY	4900	4M50	DTB	06.12-14.01		ME994451
FE84DEV,FE88DEV	4900	4M50	DTB	06.12-14.01		ME994451
FE72DE	4900	4M50	DTB	06.10-14.01		ME994451
FE73DB/DBX/DBY	4900	4M50	DTB	04.02-14.01		ME993898
FE73DC/DCX/DCY/DEN/DEX/DEY	4900	4M50	DTB	04.02-14.01		ME993898
FE74DBV/DEV,FE78DEV	4900	4M50	DTB	07.01-14.01		ME994451
FE78DEV,FE82DE/DEV/DEX/DG	4900	4M50	DTB	04.02-14.01		ME993898
FE82DC/88DEV	4900	4M50	DTB	04.04-14.01		ME993898
FE82DE/DEV/DEX/DG	4900	4M50	DTB	02.05-14.01		ME995072
FE82DE/DG	4900	4M50	DTB	04.02-14.01		ME994451
FE83DC/DCX/DCYDEN//DEY/DGN	4900	4M50	DTB	04.02-14.01		ME993898
FE83DC/DCY/DEN/DEY/DGN	4900	4M50	DTB	04.02-14.01		ME994451
FE83DCY/DEN/DEY/DGN//DGY/DJZ	4900	4M50	DTB	02.05-04.02		ME995072
FE83DGY	4900	4M50	DTB	04.02-07.03		ME993898
FE83DGY	4900	4M50	DTB	04.02-07.03		ME994451
FF63DFY	4900	4M50	DTB	99.04-02.06		ME995072
FF63DHY	4900	4M50	DTB	99.05-02.06		ME995072
FF83DFY/DHY	4900	4M50	DTB	02.05-06.08		ME995072
FF83DFY/DHY	4900	4M50	DTB	02.05-14.01		ME993898
FF83DFY/DHY	4900	4M50	DTB	06.08-14.01		ME994451
FG70DB/DBD,FG72DB/DC/DE	4900	4M50	DTB	04.07-14.01		ME994025
FG73DC/DCD/DD/DE	4900	4M50	DTB	04.07-14.01		ME993898
FG82DE/83DE/88DE	4900	4M50	DTB	04.07-14.01		ME993898
FE50EB/EBT,FE51EBD	5200	4M51	DIE	99.03-02.05		ME995072
FE512BD,FE532B/BD,FE542B/C/E	5200	4M51	DIE	97.11-99.05		ME995072
FE52EB/EE,FE53EB/EBD/EBX	5200	4M51	DIE	99.03-02.05		ME995072
FE53EC/53EE/EEV/EEY,FE62EE	5200	4M51	DIE	99.03-02.05		ME995072
FE53ECX,FE59EEV	5200	4M51	DIE	99.05-02.05		ME995072
FE562B/C/E/EV,FE632C/EN/G	5200	4M51	DIE	97.11-99.05		ME995072
FE63EC/EEN/EGX,FE69EEV	5200	4M51	DIE	99.05-02.05		ME995072
FE63ECX/ECY/EE/EEV	5200	4M51	DIE	99.03-02.05		ME995072
FE63EEY/EEY/EG/EGY	5200	4M51	DIE	99.03-02.05		ME995072
FE642C/E/G,FE652C/E/G	5200	4M51	DIE	97.11-99.05		ME995072
FE662E/EV	5200	4M51	DIE	97.11-99.05		ME995072
FE70EB/EBD,FE71EBD	5200	4M51	DIE	02.05-04.08		ME995072
FE72EB/EC/EE/EEV	5200	4M51	DIE	02.05-04.08		ME995072
FE73EB/EBX/EBY/EC/ECX	5200	4M51	DIE	02.05-04.08		ME995072
FE78EEV,FE82EC/EE/EEV/EEY/EG	5200	4M51	DIE	02.05-04.08		ME995072
FE83EC/ECX	5200	4M51	DIE	02.05-04.08		ME995072
FE83ECY/EEN/EEV/EEY/EGN/EGY	5200	4M51	DIE	02.05-04.08		ME995072
FE88EEV,FF83EFY/EHY	5200	4M51	DIE	02.05-04.08		ME995072
FE83ECY/EEN/EEV/EEY	5200	4M51	DIE	02.05-04.08		ME995072
FF63EFY,FG53EB/EC/EE,FG63EE	5200	4M51	DIE	99.04-02.06		ME995072
FF63EHY,FG53EBT/ED	5200	4M51	DIE	99.05-02.06		ME995072
FG62EE,FG68EE	5200	4M51	DIE	99.05-02.06		ME995072
FG50EB	5200	4M51	DIE	99.03-02.06		ME995528
FG50EBD	5200	4M51	DIE	99.04-02.06		ME995528
FG52EB/EC/EE	5200	4M51	DIE	99.05-02.06		ME995528
FG53EBD	5200	4M51	DIE	99.03-02.06		ME995072
FG70EB/EBD,FG72EB/EC/EE	5200	4M51	DIE	02.05-04.08		ME995528
FG73EB/EBD/EC/ED/EE	5200	4M51	DIE	02.05-04.08		ME995072
FG82EE,FG83EE,FG88EE	5200	4M51	DIE	02.05-04.08		ME995072
FE70E		4M54			GWM-97A	ME995072

CHALLENGER

K94W,WG	2500	4D56	DTB	96.05-97.07	GWM-52A	MD972002
K97WG	2800	4M40	DTB	96.05-99.05	GWM-57A	ME993473
K96W	3000	6G72	ECI	96.05-98.07		1300A012
K99W	3500	6G74	GDI	97.08-01.08		MD979170
K99W	3500	6G74	GDI	99.05-01.08		MD978742

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CHARIOT

D02W	1600	G32B		83.01-86.10	GWM-46A	MD997699
D02W	1600	G32B	GAS	83.01-86.07	GWM-19A	MD974719
D03W	1800	G62B		83.01-94.12	GWM-27A	MD011757
D03W	1800	G62B	GAS	83.01-84.05	GWM-27A	MD997614
D03W	1800	G62B	TBO	83.07-86.07	GWM-27A	MD997614
D05W	1800	G37B		84.06-94.12	GWM-19A	MD997078
D05W	1800	G37B	GAS	84.06-91.05	GWM-19A	MD974719
D09W	1800	4D65	DTB	84.06-91.05		MD997128
D09W	1800	4D65T	DIE	84.09-94.12		MD997128
D08W	2000	G63B		84.06-94.12	GWM-27A	MD997081
D08W	2000	G63B	ECI	84.06-91.05	GWM-27A	MD997614
D08W	2000	G63B	GAS	84.06-91.05	GWM-27A	MD997614
N33W,N43W	2000	4G63	ECI	91.03-97.10	GWM-48A	MD972050
N33W,N43W	2000	4G63	ECI	91.03-97.10	GWM-45A	MD972053
N33W,N43W	2000	4G63		92.07-	GWM-48A	MD971538
N38W,N48W	2000	4D68	DTB	92.06-94.09	GWM-56A	MD971539
N38W,N48W	2000	4D68	DTB	92.06-97.10	GWM-56A	MD972054
N43W	2000	4G63	TBO	95.04-97.10	GWM-48A	MD972050
N34W,N44W	2400	4G64	ECI	93.03-97.10	GWM-48A	MD972050
N34W,N44W	2400	4G64		92.07-	GWM-48A	MD971538

CHARIOT GRANDIS

N84W,N94W	2400	4G64	GDI	97.08-03.05	GWM-80A	MD976464
N86W,N96W	3000	6G72	GDI	99.08-02.04	GWM-51A	MD978743

COLT

Z21A,Z22A	1300	4A90	ECI	04.09-14.01	GWM-91A	MN143664
Z21A,Z22A	1300	4A90	ECI	06.11-14.01		1300A095
Z25A	1300	4G19	ECI	02.10-04.10	GWM-82A	MN155686
Z26A	1300	4G19	ECI	02.11-04.10	GWM-82A	MN155686
Z23A	1500	4A91	ECI	04.09-14.01	GWM-91A	MN143664
Z24A	1500	4A91	ECI	04.09-08.10	GWM-91A	MN143664
Z27A	1500	4G15	ECI	02.10-04.10	GWM-82A	MN155686
Z27A	1500	4G15	TBO	04.09-06.05	GWM-82A	MN155686
Z27AG	1500	4G15	TBO	06.05-14.01	GWM-82A	MN155686
Z28A	1500	4G15	ECI	02.11-04.10	GWM-82A	MN155686

COLT PLUS

Z21W,Z22W	1300	4A90	ECI	10.06-14.01		1300A095
Z23W	1500	4A91	ECI	06.10-14.01		1300A095
Z23W,Z24W	1500	4A91	ECI	04.08-14.01	GWM-91A	MN143664
Z24W	1500	4A91	ECI	06.11-14.01		1300A095
Z27W	1500	4G15	TBO	04.08-06.05	GWM-82A	MN155686
Z27WG	1500	4G15	TBO	06.05-14.01	GWM-82A	MN155686

CORDIA/TREDIA

A211	1400	G12B		82.02-84.07	GWM-17A	MD030863
A212	1600	G32B		82.02-88.12	GWM-46A	MD997699
A213	1800	G62B		82.02-87.12	GWM-27A	MD011757
A215	1800	G37B		84.08-87.12	GWM-46A	MD997699

DEBONAIR

S11A	2000	6G71		86.07-88.04	GWM-40A*	MD997244
S11A	2000	6G71	ECI	86.07-92.07	GWM-74A*	MD972003
S11A	2000	6G71	SPC	87.01-89.10	GWM-74A*	MD972003
S11A	2000	6G71	LPG	87.06-92.07	GWM-74A*	MD972003
A32	2600	4G54		76.04-78.04	GWM-13A	MD997082
A33	2600	G54B		78.04-86.07	GWM-13A	MD997082
S12A	3000	6G72	ECI	86.07-92.07	GWM-74A*	MD972003
S12A	3000	6G72		89.09-94.12	GWM-50A	MD997643
S12A	3000	6G72	TWC	89.09-92.07	GWM-50A	MD972005
S12A/12AG	3000	6G72		86.07-89.08	GWM-40A*	MD997244

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DEBONAIR

S12AG	3000	6G72	ECI	86.10-89.08	GWM-74A*	MD972003
S22A	3000	6G72	LPG	92.08-99.12	GWM-74A*	MD972003
S22A	3000	6G72	MPI	92.08-99.12	GWM-74A*	MD972003
S26A	3500	6G74	MPI	95.09-99.12	GWM-50A	MD972005
S27A	3500	6G74	MPI	92.08-99.12	GWM-50A	MD972005

DELICA

L036P,P01V	1400	G33B	GAS	86.04-94.05	GWM-12A	MD997610
L13P,L31PV	1400	4G33		79.06-82.09	GWM-12A	MD009000
L36P/36PV,R01	1400	G33B		82.10-89.08	GWM-12A	MD009000
T120/121	1400	4G41		71.01-79.06	GWM-02A	MD011300
	1400	G33B		89.09-	GWM-12A	MD997610
L063P,P02V	1600	G32B	GAS	86.04-94.05	GWM-12A	MD997610
P02T	1600	4G92	GAS	94.03-99.06	GWM-47A	MD300799
P06V	1600	4G92	GAS	94.05-99.08	GWM-47A	MD300799
P12V	1600	G32B	GAS	86.08-93.06	GWM-12A	MD997610
SK82LM/TM/VM	1800	F8E	ECI	02.08-10.09	GWMZ-71A	MQ906188
SK82MM	1800	F8E	ECI	03.12-10.09	GWMZ-71A	MQ906188
SK82TM/VM	1800	F8E	GAS	99.09-03.12	GWMZ-71A	MQ906188
SKP2LM/MM/TM/VM	1800	L8	ECI	10.09-14.01		MQ913646
P03V,P13V	2000	G63B	GAS	93.05-94.05		MD972897
P03W	2000	G63B	GAS	86.04-99.08	GWM-23A	MD997615
P03W	2000	G63B	ECI	87.09-90.08	GWM-23A	MD997615
P03W	2000	G63B	GAS	87.09-99.08		MD972897
P07V,P17V,P27V	2000	4G63	GAS	94.05-99.08	GWM-61A	MD972934
P13T	2000	4G63	GAS	94.03-99.06	GWM-61A	MD972934
P23V	2000	G63B	GAS	86.04-94.05	GWM-23A	MD997615
P23V	2000	G63B	GAS	90.08-94.05		MD972897
P23W	2000	G63B	GAS	86.04-90.08	GWM-23A	MD997615
P23W	2000	G63B	ECI	87.09-89.08	GWM-23A	MD997615
P23W	2000	G63B	GAS	87.12-90.08		MD997305
SKF2LM/MM/TM/VM	2000	RF	DTB	03.12-10.09		MQ911458
SK22LM/MM/TM/VM	2200	R2	DIE	99.09-03.12		MQ913258
P04W	2400	4G64	ECI	89.08-93.06		MD972897
P04W	2400	4G64	ECI	89.08-93.06	GWM-23A	MD997615
P24W	2400	4G64	ECI	89.08-94.05		MD972897
P24W	2400	4G64	ECI	89.08-94.05	GWM-23A	MD997615
L039G	2500	4D56	DIE	88.08-94.05	GWM-39A	MD972001
L039P,L069P,P05V	2500	4D56	DIE	86.04-94.05	GWM-39A	MD972001
P05T,P15T,P25T	2500	4D56	DTB	94.03-99.06	GWM-39A	MD972001
P05V,P15V,P25V,P45V	2500	4D56	DTB	94.05-99.08	GWM-39A	MD972001
P05W,P25W	2500	4D56	DTB	86.04-99.08	GWM-39A	MD972001
P15V	2500	4D56	DIE	86.08-99.08	GWM-39A	MD972001
P15W	2500	4D56	DIE	86.08-90.08	GWM-39A	MD972001
P15W	2500	4D56	DTB	90.08-96.01	GWM-39A	MD972001
P25V	2500	4D56	DIE	86.04-94.08	GWM-39A	MD972001
P25W	2500	4D56	DIE	91.08-93.05	GWM-39A	MD972001
P35W	2500	4D56	DTB	89.08-99.08	GWM-39A	MD972001
P45V	2500	4D56	DIE	90.08-94.05	GWM-39A	MD972001

DELICA CARGO

PA3V	2000	4G63	GAS	94.03-99.04	GWM-61A	MD972934
SKE6VM	2000	FEE	GAS	99.09-02.09	GWMZ-71A	MQ906188
SKE6VM	2000	FEE	ECI	02.09-07.08	GWMZ-71A	MQ906188
SKE6VM	2000	FE	ECI	07.08-12.01	GWMZ-71A	MQ906188
SKF6MM	2000	RF	DTB	03.12-07.08		MQ911458
SKF6VM	2000	RF	DTB	03.12-12.01		MQ911458
PA5V,PB5V,PD5V	2500	4D56	DTB	94.03-99.04	GWM-39A	MD972001
SK56MM/VM	2500	WL	DIE	99.09-03.12	GWMZ-49A	MQ908516

DELICA SPACE GEAR

PA4W	2400	4G64	ECI	94.03-02.07	GWM-61A	MD972934
	2400	4G64			GWM-99F	MD317679

MITSUBISHI

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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DELICA SPACE GEAR

PA5W	2401	4G65	ECI	94.03-02.08	GWM-62A	MD972935
PB4W,PC4W	2400	4G64	ECI	99.05-02.07	GWM-61A	MD972934
PD4W	2400	4G64	ECI	94.03-97.05	GWM-61A	MD972934
PA5W,PB5W,PC5W	2500	4D56	DTB	94.03-99.04	GWM-52A	MD972002
PD8W,PE8W,PF8W	2800	4M40	DTB	94.03-04.10	GWM-57A	ME993473
PB6W	3000	6G72	ECI	94.03-99.04		1300A012
PD6W	3000	6G72	ECI	94.03-06.12		1300A012
PF6W	3000	6G72	ECI	94.03-04.10		1300A012

DELICA(VAN,JETSTAR)

T120SS	1400	4G17		91.01-	GWM-49A	MD997685
L32P/34P/32PV	1600	4G32		79.06-82.09	GWM-12A	MD009000
L33P/33PV/33PW	1600	G32B		79.06-89.12	GWM-12A	MD009000
L63,P2,P12	1600	G32B		89.12-	GWM-12A	MD997610
L63P/63PV/63PW,P2,P12	1600	G32B		79.06-89.12	GWM-12A	MD009000
L35G/35GV/35PW/35GW	1800	G62B		81.06-86.06	GWM-24A	MD041050
L35GV/35PW/35GW	1800	G62B		80.10-81.08	GWM-24A	MD041050
L37G/37GV/37GW	2000	G63B		83.11-86.06	GWM-23A	MD041041
P3,P23	2000	G63B		86.06-94.12	GWM-23A	MD997615
L38P/38PV/38PW/38G/38GV/38GW	2300	4D55	DIE	82.10-86.08	GWM-39A	MD997150
L68P/68PV/68PW	2300	4D55	DIE	82.10-86.08	GWM-39A	MD997150
L39/69,P5/25/35/45	2500	4D56	DIE	86.06-94.12	GWM-39A	MD997618

DELICA:2

MB15S	1200	K12B	ECI	11.03-14.01		MQ500574
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DELICA:5

CV4W	2000	4B11	ECI	10.01-14.01		1300A083
CV5W	2400	4B12	ECI	06.12-14.01		1300A083

DIAMANTE

F11A	2000	6G71		90.02-94.12	GWM-40A*	MD997244
F11A	2000	6G71	ECI	90.02-92.10	GWM-74A*	MD972003
F12A	2000	6A12	ECI	92.09-95.01	GWM-55A	MD302010
F13A,F25A	2500	6G73	ECI	90.02-95.01	GWM-50A	MD972005
F13A/15A/25A	2500	6G73		90.02-94.12	GWM-50A	MD997643
F15A	2500	6G73	ECI	90.02-93.11	GWM-50A	MD972005
F31A,F41A	2500	6G73	ECI	94.11-97.06	GWM-51A	MD978764
F31A,F41A	2500	6G73	ECI	99.09-02.09		MD978744
F31A/41A	2500	6G73		95.01-	GWM-51A	MD973025
F31AK	2500	6G73	ECI	94.11-99.09	GWM-51A	MD978743
F31AK	2500	6G73	ECI	94.11-99.09	GWM-51A	MD978764
F34A	2500	6A13	ECI	02.09-05.12	GWM-55A	MD302010
F17A,F27A	3000	6G72	ECI	90.02-95.01	GWM-50A	MD972005
F17A/27A	3000	6G72		90.02-94.12	GWM-50A	MD997643
F36A,F46A	3000	6G72	GDI	97.07-02.09	GWM-51A	MD978743
F36A,F46A	3000	6G72	GDI	97.07-02.09	GWM-51A	MD978764
F36A,F46A,F47A	3000	6G72	ECI	94.11-97.06	GWM-51A	MD978764
F36W	3000	6G72	ECI	97.07-01.10	GWM-51A	MD978743
F36W	3000	6G72	ECI	97.07-01.10	GWM-51A	MD978764

DIGNITY

S43A	4500	8A80	GDI	00.02-01.05		MD977825
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DION

CR5W	1800	4G93	TBO	02.04-05.12	GWM-59A	MD309756
CR6W	2000	4G94	GDI	00.06-05.12	GWM-59A	MD309756
CR9W	2000	4G63	GDI	99.12-02.03	GWM-81A	1300A069

ECLIPSE

D22A/27A	2000	4G63		89.09-89.12	GWM-44A	MD997417
D22A/27A	2000	4G63		89.12-94.12	GWM-44A	MD997621

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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eK ACTIVE

H81W	660	3G83	ECI	04.05-06.08	GWM-73A	MD977025
H81W	660	3G83	TBO	04.05-06.08	GWM-73A	MD977025

eK CLASSY

H81W	660	3G83	ECI	03.05-05.11	GWM-73A	MD977025
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eK SPORT

H81W	660	3G83	ECI	02.08-06.08	GWM-73A	MD977025
H81W	660	3G83	TBO	02.08-06.08	GWM-73A	MD977025
H82W	660	3G83	TBO	06.08-14.01	GWM-73A	MD977025
H82W	660	3G83	ECI	06.09-14.01	GWM-73A	MD977025

eK WAGON

H81W	660	3G83	ECI	01.09-06.08	GWM-73A	MD977025
H82W	660	3G83	ECI	06.08-14.01	GWM-73A	MD977025

EMEROUDE

E52A	1800	4G93	GAS	92.07-94.10	GWM-47A	MD179030
E52A	1800	4G93	GAS	92.07-94.10	GWM-47A	MD300799
E53A	1800	6A11	MPI	92.07-96.08	GWM-55A	MD302010
E54A/64A	2000	6A12	MPI	92.07-96.08	GWM-55A	MD302010
E74A	2000	6A12	MPI	94.09-96.08	GWM-55A	MD302010
E84A	2000	6A12	MPI	92.07-94.10	GWM-55A	MD302010

ETERNA

E32A	1800	4G37	ECI	88.07-89.10	GWM-19A	MD974719
E32A	1800	4G37	GAS	88.07-92.05	GWM-19A	MD974719
E34A	1800	4D65	DTB	88.07-92.05	GWM-69A	MD997692
E35A	1800	4G67	TWC	89.04-92.05	GWM-44A	MD972052
E35A	1800	4G67	ECI	89.08-92.05	GWM-44A	MD972052
E37A	1800	4G37	GAS	89.08-92.05	GWM-19A	MD974719
E52A	1800	4G93	GAS	92.02-95.10	GWM-47A	MD179030
E52A	1800	4G93	MPI	94.09-96.08	GWM-47A	MD300799
E52A/72A	1800	4G93	GAS	92.02-96.08	GWM-47A	MD300799
E53A	1800	6A11	MPI	92.02-96.08	GWM-55A	MD302010
E72A	1800	4G93	GAS	92.02-96.08	GWM-47A	MD179030
E33A	2000	4G63	ECI	90.08-92.05	GWM-44A	MD972052
E33A/39A	2000	4G63	TWC	88.07-92.05	GWM-44A	MD972052
E39A	2000	4G63	TBO	88.07-92.05	GWM-44A	MD972052
E54A	2000	6A12	MPI	92.02-96.08	GWM-55A	MD302010
E57A	2000	4D68	DTB	92.02-95.10	GWM-56A	MD971539
E57A/77A	2000	4D68	DTB	92.02-96.08	GWM-56A	MD972054
E64A	2000	6A12	MPI	92.02-93.10	GWM-55A	MD302010
E74A	2000	6A12	TBO	93.04-96.08	GWM-55A	MD302010
E77A	2000	4D68	DTB	92.02-95.08	GWM-56A	MD971539
E84A	2000	6A12	MPI	92.02-94.10	GWM-55A	MD302010

ETERNA SIGMA

E12A	1800	G37B	GAS	83.08-90.01	GWM-19A	MD974719
E13A	1800	G62B	TBO	83.08-85.12	GWM-27A	MD997614
E13A	1800	G62B	ECI	86.01-90.11	GWM-27A	MD997614
E14A	1800	4D65	DTB	84.03-87.09		MD997128
E15A	2000	G63B	GAS	83.08-85.12	GWM-27A	MD997614
E15A	2000	G63B	TBO	83.08-90.11	GWM-27A	MD997614
E15A	2000	G63B	ECI	86.01-86.12	GWM-27A	MD997614
E17A	2000	6G71	ECI	86.10-90.12	GWM-74A*	MD972003
E18A	3000	6G72	ECI	89.05-90.12	GWM-74A*	MD972003

FORTE

L21	1600	4G32		78.08-82.09	GWM-12A	MD997077
L21P	1600	4G32		79.11-82.09	GWM-12A	MD009000
L25	1600	G32B		82.10-86.12	GWM-12A	MD997077

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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FORTE

L25P	1600	G32B		82.10-	GWM-12A	MD009000
L22	2000	4G52		80.10-82.09	GWM-37A	MD997178
L22G	2000	4G52		80.09-82.08	GWM-13A	MD021490
L26	2000	G63B		82.10-87.12	GWM-23A	MD997615
L26G	2000	G63B		82.09-	GWM-23A	MD041041

FTO

DE2A	1800	4G93	ECI	94.09-99.08	GWM-59A	MD309756
DE3A	2000	6A12	ECI	94.09-00.07	GWM-55A	MD302010

FUSO 4.5TON

T650,W/O,OIL	4700	6DS-1	DIE	74.01-		ME023699
T651,W/O,OIL	5000	6DS-5	DIE	74.01-		ME023699
T652,W/O,OIL	5100	6DS-3	DIE	74.01-		ME023699
FK102	5400	6DS-7	DIE	76.01-	GWM-21A	ME025100
T653,W/O,OIL	5400	6DS-7	DIE	74.01-		ME023699
FK103	6000	6D10	DIE	76.01-		ME035082
T654	6000	6D10	DIE	74.01-76.12		ME035082
FK115	6600	D614	DIE	76.01-		ME035082
T656	6600	6D14	DIE	75.01-76.12		ME035082
FK116	6900	D615	DIE	79.01-		

GALANT

E31A	1600	4G32	GAS	87.08-92.05	GWM-19A	MD974719
E31A	1600	4G32		87.10-94.12	GWM-46A	MD997699
E32A	1800	4G37	ECI	87.08-89.10	GWM-19A	MD974719
E32A	1800	4G37	GAS	87.08-92.05	GWM-19A	MD974719
E32A/97A	1800	4G37		87.10-94.12	GWM-46A	MD997699
E32AR	1800	4G37	GAS	88.02-92.05	GWM-19A	MD974719
E34A/34AR	1800	4D65	DTB	88.02-92.05	GWM-69A	MD997692
E35A	1800	4G67	ECI	89.04-92.05	GWM-44A	MD972052
E35A	1800	4G67	TWC	89.04-92.05	GWM-44A	MD972052
E37A	1800	4G37	ECI	88.09-92.05	GWM-19A	MD974719
E52A	1800	4G93	GAS	92.02-96.08	GWM-47A	MD179030
E52A	1800	4G93	MPI	94.08-96.08	GWM-47A	MD300799
E52A/72A	1800	4G93	GAS	92.02-96.08	GWM-47A	MD300799
E53A	1800	6A11	MPI	92.02-96.08	GWM-55A	MD302010
E72A	1800	4G93	GAS	92.02-93.10	GWM-47A	MD179030
EA1A	1800	4G93	GDI	96.07-00.05	GWM-59A	MD309756
EC1A	1800	4G93	GDI	96.10-00.05	GWM-59A	MD309756
E33A	2000	4G63	TWC	87.08-92.05	GWM-44A	MD972052
E33A	2000	4G63	ECI	90.12-92.05	GWM-44A	MD972052
E33A/38A/39A	2000	4G63		87.10-94.12	GWM-44A	MD997417
E38A	2000	4G63	TBO	88.02-92.05	GWM-44A	MD972052
E39A	2000	4G63	TBO	87.09-92.05	GWM-44A	MD972052
E39A	2000	4G63	TWC	87.09-92.05	GWM-44A	MD972052
E39A	2000	4G63	EXP	90.01-94.12	GWM-45A	MD997430
E54A	2000	6A12	MPI	92.02-96.08	GWM-55A	MD302010
E57A	2000	4D68	DTB	92.02-95.10	GWM-56A	MD971539
E57A/77A	2000	4D68	DTB	92.02-96.08	GWM-56A	MD972054
E64A	2000	6A12	MPI	92.02-93.10	GWM-55A	MD302010
E74A	2000	6A12	TBO	93.02-96.08	GWM-55A	MD302010
E74A	2000	6A12	MPI	94.09-96.08	GWM-55A	MD302010
E77A	2000	4D68	DTB	92.02-93.10	GWM-56A	MD971539
E84A	2000	6A12	TBO	92.02-96.08	GWM-55A	MD302010
EA7A,EC7A	2000	4G94	GDI	00.05-05.11	GWM-59A	MD309756
EA3A,EC3A	2400	4G64	GDI	98.08-02.09	GWM-80A	MD976464
EC5A	2500	6A13	TBO	96.07-02.09	GWM-55A	MD302010
E34A	1800	4D65	DIE	88.03-89.02	GWM-69A	MD997177
E35A		4G67		89.04-94.12	GWM-44A	MD997621
E34A	1800	4D65		89.03-	GWM-69A	MD997692

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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CX3A,CY3A	1800	4B10	ECI	09.12-14.01		1300A083
CX4A	2000	4B11	ECI	08.11-09.12		1300A083
CX4A	2000	4B11	TBO	08.11-14.01		1300A083
CY4A	2000	4B11	ECI	07.08-09.12		1300A083
CY4A	2000	4B11	TBO	08.06-14.01		1300A083

E11A	1600	G32B	GAS	84.02-87.09	GWM-19A	MD974719
E12A	1800	G37B	GAS	83.08-90.12	GWM-19A	MD974719
E12A	1800	G37B	LPG	83.08-96.01	GWM-19A	MD974719
E12AR	1800	G37B	GAS	84.03-88.09	GWM-19A	MD974719
E12AR	1800	G37B	LPG	84.10-88.09	GWM-19A	MD974719
E13A	1800	G62B	TBO	83.08-85.12	GWM-27A	MD997614
E13A	1800	G62B	ECI	86.01-90.11	GWM-27A	MD997614
E14A	1800	4D65	DTB	84.03-87.09		MD997128
E14AR	1800	4D65	DTB	86.04-87.09		MD997128
E19A	1800	4G93	LPG	96.01-99.08	GWM-47A	MD972456
E15A	2000	G63B	GAS	83.08-85.12	GWM-27A	MD997614
E15A	2000	G63B	TBO	83.08-90.11	GWM-27A	MD997614
E15A	2000	G63B	ECI	86.01-86.09	GWM-27A	MD997614
E15AK	2000	G63B	TBO	86.10-90.07		MD997503
E15AK	2000	G63B	TBO	86.10-90.07	GWM-27A	MD997614
E17A	2000	6G71	ECI	86.10-90.12	GWM-74A*	MD972003
E18A	3000	6G72	ECI	89.05-90.11	GWM-74A*	MD972003

A51	1300	4G30		69.01-71.12	GWM-01A	MD001300
A54/62	1400	4G33		71.01-73.12	GWM-01A	MD001300
A52	1500	3G31		69.01-71.12	GWM-01A	MD001300
A112/117	1600	4G32		73.05-76.04	GWM-01A	MD001300
A53/63	1600	4G32		70.01-75.10	GWM-01A	MD001300
A55C	1700	4G35		72.01-76.04	GWM-01A	MD001300
A114	1800	4G51		73.01-75.10		MD021450
A114	1800	4G51		75.10-76.04	GWM-13A	MD021490
A57,A115A	2000	4G52		73.05-75.10		MD021450
	2000	4G52		75.10-76.04	GWM-37A	MD997178

A121	1600	4G32		76.05-76.12	GWM-01A	MD001300
A121	1600	4G32		77.01-82.09	GWM-12A	MD009000
A131/161	1600	G32B		77.01-84.03	GWM-12A	MD009000
E11A	1600	G32B		84.03-87.10	GWM-46A	MD997699
A162	1800	G62B		80.01-81.07	GWM-24A	MD041050
A162	1800	G62B		81.08-83.07	GWM-23A	MD041041
E12A/12AR	1800	G37B		83.08-94.12	GWM-46A	MD997699
E13A	1800	G62B		83.08-90.10	GWM-27A	MD997081
E14A	1800	4D65		84.03-88.03		MD997128
A122	2000	4G51		76.05-77.08	GWM-13A	MD021490
A123	2000	4G52		76.05-77.08	GWM-13A	MD021490
A132	2000	G51B		77.08-79.12	GWM-13A	MD021490
A133	2000	G52B		77.08-80.10	GWM-13A	MD021490
A163/164	2000	G63B		80.01-81.07	GWM-24A	MD041050
A163/164	2000	G63B		81.07-83.07	GWM-23A	MD041041
A168V	2000	G63B		81.09-86.09	GWM-23A	MD997615
E15A	2000	G63B		83.08-90.10	GWM-27A	MD997081
E15AK	2000	G63B		88.06-94.12		MD997503
E17A	2000	6G71		86.10-90.10	GWM-40A*	MD997244
E15A	2000	G63B		83.08-86.09	GWM-27A	MD997081
A167	2300	4D55	DIE	80.04-83.09	GWM-32A	MD050450
A167A	2300	4D55	DIE	80.04-83.12	GWM-46A	MD997619
A135/166	2600	G54B		79.01-	GWM-13A	MD021490
A135A/166A	2600	G54B		79.05-80.11	GWM-37A	MD997178

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GALANTΣ/ETERNAΣ

E18A	3000	6G72		89.05-90.11	GWM-40A*	MD997244
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GRANDIS

NA4W	2400	4G69	ECI	03.03-09.03	GWM-78A	1300A066
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GTO

Z15A	3000	6G72	TBO	94.08-00.07	GWM-50A	MD972005
Z15A	3000	6G72	ECI	95.08-00.07	GWM-50A	MD972005
Z16A	3000	6G72	TBO	90.09-00.07	GWM-50A	MD972005
Z16A	3000	6G72		90.10-94.12	GWM-50A	MD997643
Z16A	3000	6G72	ECI	90.10-00.07	GWM-50A	MD972005

i

HA1W	660	3B20	TBO	05.12-14.01	GWM-90A	1300A036
HA1W	660	3B20	ECI	06.09-14.01	GWM-90A	1300A036

JEEP

J58/59	2000	4G52		78.11-87.12	GWM-26A	MD025475
J26/38/46/56	2400	4G53		75.11-94.12	GWM-26A	MD025475
J24/25/36/44/55	2700	4DR-5	DIE	73.05-77.01		31645-01012
J54	2700	4DR-5	DIE	77.01-87.12		ME005051

LANCER

CVAY12	1200	CR12DE	EGI	08.11-14.01		MQ701052
C61A	1300	4G13	GAS	88.05-91.10	GWM-17A	MD974649
C61A	1300	4G13		89.09-94.12	GWM-17A	MD997609
CB1A	1300	4G13	GAS	91.07-95.10	GWM-17A	MD974649
CB1A	1300	4G13	ECI	91.10-95.10	GWM-17A	MD974649
CK1A	1300	4G13	ECI	95.08-00.05	GWM-54A	MD365087
C62A	1500	4G15	ECI	88.06-91.10	GWM-17A	MD974649
C62A,C72A	1500	4G15	GAS	88.05-91.10	GWM-17A	MD974649
C62A,C72A	1500	4G15		88.06-94.12	GWM-17A	MD997609
CB2A	1500	4G15	ECI	91.07-95.10	GWM-17A	MD974649
CB2A	1500	4G15		91.08-94.12	GWM-17A	MD997609
CB3A	1500	4G91	ECI	91.07-95.10	GWM-47A	MD179030
CB3A	1500	4G91	GAS	91.10-95.10	GWM-47A	MD300799
CB3A	1500	4G91	ECI	92.10-95.10	GWM-47A	MD300799
CB3A,CD3A	1500	4G91	GAS	91.07-95.10	GWM-47A	MD179030
CD3A	1500	4G91	GAS	91.07-95.10	GWM-47A	MD300799
CD3A	1500	4G91		91.08-94.12	GWM-47A	MD179030
CK2A,CM2A	1500	4G15	ECI	95.08-00.05	GWM-54A	MD365087
CS2A	1500	4G15	ECI	03.01-14.01	GWM-54A	MD370803
CS2V	1500	4G15	ECI	02.11-14.01	GWM-54A	MD370803
CS2W	1500	4G15	ECI	04.12-08.06	GWM-54A	MD370803
CVY12	1500	HR15DE	EGI	08.11-14.01		MQ700035
C63A	1600	4G61	ECI	88.05-91.10	GWM-53A	MD997620
C63A	1600	4G61	TBO	88.05-89.09	GWM-53A	MD997620
C63A,C73A	1600	4G61		88.06-90.10	GWM-53A	MD997418
C63A,C73A	1600	4G61	TWC	89.09-91.10	GWM-53A	MD997620
C73A	1600	4G61	TBO	88.05-91.10	GWM-53A	MD997620
CB4A	1600	4G92	ECI	92.10-95.10		MD971999
CB4A	1600	4G92	ECI	92.10-95.10	GWM-47A	MD972456
CB6A	1600	6A10	ECI	91.10-95.10	GWM-55A	MD302010
CK4A	1600	4G92	ECI	95.08-00.05	GWM-59A	MD309756
CVZNY12	1600	HR16DE	EGI	08.11-14.01		MQ700035
C63A	1600	4G61		90.10-94.12	GWM-53A	MD997620
C64A,C74A	1800	4D65	DIE	88.05-91.10	GWM-69A	MD997692
C74A	1800	4D65	DTB	90.01-91.10	GWM-69A	MD997692
CB5AR	1800	4G93	ECI	92.10-96.10		MD194099
CB5AR	1800	4G93	ECI	92.10-96.10	GWM-47A	MD300799
CB7A,CD7A	1800	4D65	DTB	91.07-92.10	GWM-69A	MD997692
CD5A	1800	4G93	TBO	91.07-95.10	GWM-47A	MD179030

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LANCER

CD5A	1800	4G93	TBO	91.07-95.10	GWM-47A	MD300799
CK5AR	1800	4G93	ECI	96.07-00.05	GWM-59A	MD309756
CK6A	1800	6A11	ECI	95.08-99.06	GWM-55A	MD302010
CM5A	1800	4G93	TBO	95.08-00.05	GWM-59A	MD309756
CS5A	1800	4G93	GDI	03.02-05.01	GWM-59A	MD309756
CS5A	1800	4G93	TBO	03.11-08.06	GWM-59A	MD309756
CS5AZ	1800	4G93	ECI	05.12-14.01	GWM-59A	MD309756
CS5W	1800	4G93	GDI	03.02-08.06	GWM-59A	MD309756
CS5W	1800	4G93	TBO	03.02-08.06	GWM-59A	MD309756
CVJY12	1800	MR18DE	EGI	08.11-14.01		MQ700036
CB8A,CD8A	2000	4D68	DTB	92.10-95.10	GWM-56A	MD972054
CB8AR	2000	4D68	DTB	92.10-96.10	GWM-56A	MD972054
CD9A	2000	4G63	TBO	92.10-94.01	GWM-48A	MD972050
CD9A,CE9A	2000	4G63		92.09-	GWM-48A	MD971538
CE9A	2000	4G63	TBO	94.01-96.10	GWM-48A	MD972050
CK8A,CM8A	2000	4D68	DTB	95.08-99.06		MD974678
CK8AR	2000	4D68	DTB	96.08-99.06		MD974678
CN9A	2000	4G63	TBO	96.08-97.08	GWM-81A	1300A069
CP9A	2000	4G63	TBO	98.01-00.05	GWM-81A	1300A069
CS6A	2000	4G94	ECI	04.12-08.06	GWM-59A	MD309756
CT9A	2000	4G63	TBO	00.12-03.01	GWM-81A	1300A069
CT9A	2000	4G63	TBO	00.12-05.03	GWM-78A	1300A065
CT9A	2000	4G63	TBO	04.02-07.01		1300A067
CT9W	2000	4G63	TBO	05.08-07.01		1300A067
CT9W	2000	4G63	TBO	05.08-07.01	GWM-81A	1300A069
CZ4A	2000	4B11	TBO	07.08-14.01	GWM-93AM	1300A083
CZ4A	2000	4B11	TBO	07.08-14.01	GWM-93AMH	1300A082

LANCER CEDIA

CS2A	1500	4G15	GDI	00.03-03.02	GWM-54A	MD370803
CS5A	1800	4G93	GDI	00.03-03.02	GWM-59A	MD309756
CS5AR	1800	4G93	ECI	01.09-05.12	GWM-59A	MD309756
CS5W	1800	4G93	GDI	00.10-03.02	GWM-59A	MD309756
CS5W	1800	4G93	TBO	01.05-03.02	GWM-59A	MD309756

LANCER CELESTE

A141A	1200	G11B		77.05-81.10	GWM-16A	MD030750
A141V	1200	4G11		79.03-81.10	GWM-16A	MD030750
A171A/141A/148V	1200	G11B		77.06-85.02	GWM-16A	MD030750
A71	1200	4G42		73.08-76.10	GWM-02A	MD011300
A75A	1200	4G36		75.10-77.05	GWM-01A	MD001300
A75V	1200	4G36		76.11-79.03	GWM-12A	MD009000
A142A	1400	G12B		78.03-79.03	GWM-16A	MD030750
A142V	1400	4G12		79.03-81.10	GWM-16A	MD030750
A143A	1400	G33B		77.06-78.03	GWM-12A	MD009000
A149V	1400	G12B		81.10-87.12	GWM-16A	MD030750
A172A	1400	G12B		79.04-81.10	GWM-16A	MD030750
A72A/V	1400	4G33		73.01-77.05	GWM-01A	MD001300
A72V	1400	4G33		77.06-79.03	GWM-12A	MD009000
A144	1600	G32B		77.06-79.03	GWM-12A	MD009000
A174	1600	G32B		79.04-87.12	GWM-12A	MD009000
A73	1600	4G32		73.01-75.11	GWM-01A	MD001300
A73	1600	4G32		75.11-79.03	GWM-12A	MD009000
A77	1600	G32A		75.01-80.12	GWM-01A	MD001300
A175	1800	G62B		80.02-81.07	GWM-24A	MD041050
A175	1800	G62B		81.08-87.12	GWM-23A	MD041041
A146A	2000	G52B		79.06-80.12	GWM-13A	MD021490

LANCER FIORE

A115A	1200	G11B		82.02-83.10	GWM-17A	MD997076
A156	1400	G12B		82.02-83.10	GWM-17A	MD997076
C12A/V/W	1500	G15B		83.10-90.10	GWM-17A	MD997076
C12W/32V	1500	B15B		90.10-94.12	GWM-17A	MD997076

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LANCER FIORE

C18A	1500	B31B		86.02-88.12	GWM-46A	MD997699
CD3A	1500	4G91		91.08-94.12	GWM-47A	MD179030
CK2A	1500	4G15		95.08-	GWM-54A	MD323372
C13A	1600	G32B(T)		83.10-86.09	GWM-46A	MD997699
C14W/34W	1800	4D65	DIE	89.02-94.12	GWM-69A	MD997692
C64A	1800	4D65	DIE	86.01-89.02	GWM-69A	MD997177
C12V,C12W	1500	G15B	GAS	85.01-92.09	GWM-17A	MD974649

LEGNUM

EA1W	1800	4G93	GDI	96.06-00.05	GWM-59A	MD309756
EC1W	1800	4G93	GDI	96.11-00.05	GWM-59A	MD309756
EA4W	2000	6A12	ECI	96.06-98.08	GWM-55A	MD302010
EA7W,EC7W	2000	4G94	GDI	00.05-02.08	GWM-59A	MD309756
EC4W	2000	6A12	ECI	96.06-97.08	GWM-55A	MD302010
EA3W,EC3W	2400	4G64	GDI	98.08-02.08	GWM-80A	MD976464
EA5W,EC5W	2500	6A13	ECI	96.06-98.08	GWM-55A	MD302010
EC5W	2500	6A13	TBO	96.06-02.08	GWM-55A	MD302010

LIBERO

CB1V	1300	4G13	GAS	92.04-02.08	GWM-17A	MD974649
CB2V,CD2V	1500	4G15	GAS	92.04-02.08	GWM-17A	MD974649
CB2W	1500	4G15	MPI	93.12-02.08	GWM-17A	MD974649
CB4W	1600	4G92	MPI	96.09-00.05	GWM-47A	MD300799
CB5W,CD5W	1800	4G93	MPI	92.04-99.06	GWM-47A	MD179030
CB5W,CD5W	1800	4G93	MPI	92.04-00.05	GWM-47A	MD300799
CB8V	2000	4D68	DIE	92.04-94.08	GWM-56A	MD971539
CB8V	2000	4D68	DIE	92.04-99.06	GWM-56A	MD972054
CB8V,CD8V	2000	4D68	DTB	94.08-02.08	GWM-56A	MD972054
CB8W	2000	4D68	DTB	92.04-02.08	GWM-56A	MD972054
CB8W,CD8W	2000	4D68	DTB	92.04-95.09	GWM-56A	MD971539
CD8V	2000	4D68	DIE	92.06-94.08	GWM-56A	MD971539
CD8V	2000	4D68	DIE	92.06-99.06	GWM-56A	MD972054
CD8W	2000	4D68	DTB	92.04-99.06	GWM-56A	MD972054

MINICA

H21A	550	3G81	TWC	89.08-90.03	GWM-63A	MD997536
H21A	550	3G81	TBO	89.08-90.07	GWM-63A	MD997536
H21A	550	3G81	ECI	89.08-90.08	GWM-63A	MD997536
H21A/V	550	3G81	GAS	88.11-90.03	GWM-63A	MD997401
H21V	550	3G81	TBO	88.11-90.02	GWM-63A	MD997536
H21VW	550	3G81	GAS	89.08-90.02	GWM-63A	MD997401
H26A	550	3G81	ECI	89.08-90.03	GWM-63A	MD997536
H26A	550	3G81	TBO	89.08-90.10	GWM-63A	MD997536
H26A/V	550	3G81	GAS	88.11-90.03	GWM-63A	MD997401
H22A	660	3G83	TBO	90.01-93.09	GWM-63A	MD997536
H22A	660	3G83	TWC	90.01-93.09	GWM-63A	MD997536
H22A,H27A	660	3G83	ECI	90.01-93.09	GWM-63A	MD997536
H22A/V,H27A/V	660	3G83	GAS	90.01-93.09	GWM-63A	MD997401
H22VW	660	3G83	GAS	90.01-95.10	GWM-63A	MD997401
H27A	660	3G83	TBO	90.08-93.09	GWM-63A	MD997536
H27A	660	3G83	ECI	91.04-92.01	GWM-63A	MD997401
H27A	660	3G83	TWC	92.07-93.09	GWM-63A	MD997536
H27VW	660	3G83	GAS	90.08-95.10	GWM-63A	MD997401
H31A,H36A	660	4A30	GAS	93.08-98.10	GWM-71A	MD199527
H31A,H36A	660	4A30	MPI	93.08-98.10	GWM-71A	MD199527
H31A,H36A	660	4A30	TBO	93.08-98.10	GWM-71A	MD199527
H32A/V,H37V	660	3G83	GAS	93.09-98.10	GWM-63A	MD997401
H37A	660	3G83	GAS	95.09-98.10	GWM-63A	MD997401
H42A	660	3G83	ECI	98.10-07.07	GWM-73A	MD977025
H42A	660	3G83	CNG	99.01-01.10	GWM-73A	MD977025
H42A	660	3G83	LEV	99.01-01.10	GWM-73A	MD977025
H42V	660	3G83	ECI	98.08-14.01	GWM-73A	MD977025

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MINICA

H42V	660	3G83	CNG	99.01-03.08	GWM-73A	MD977025
H47A	660	3G83	ECI	98.08-07.07	GWM-73A	MD977025
H47V	660	3G83	ECI	98.10-14.01	GWM-73A	MD977025

MINICA ECONO

	550	3G81		90.01-94.12	GWM-63A	MD997536
H11A/V,H12V	550	G23B		84.01-87.12	GWM-38A	MD997119
H14A/V,H15A/V	550	3G81		87.01-89.12	GWM-63A	MD997401
H21A/V,H26A/V	550	3G81		89.01-89.07	GWM-63A	MD997401
H21A/V	550	3G81		89.08-89.12	GWM-63A	MD997401
H26A/V	550	3G81		89.08-89.12	GWM-63A	MD997401
	660	3G83		90.03-94.12	GWM-63A	MD997536
H22A/V/VW	660	3G83		90.03-94.12	GWM-63A	MD997401
H27A/V/VW	660	3G83		90.03-94.12	GWM-63A	MD997401

MINICA TOPPO

H22A	660	3G83	GAS	90.02-93.09	GWM-63A	MD997536
H22A	660	3G83	MPI	91.12-93.09	GWM-63A	MD997536
H22A	660	3G83	TBO	91.12-93.09	GWM-63A	MD997536
H22A/V,H27V	660	3G83	GAS	90.02-93.09	GWM-63A	MD997401
H27A	660	3G83	MPI	90.02-93.09	GWM-63A	MD997536
H31A	660	4A30	GAS	93.08-98.11	GWM-71A	MD199527
H31A	660	4A30	TBO	93.09-98.11	GWM-71A	MD199527
H31A,H36A	660	4A30	ECI	93.09-98.11	GWM-71A	MD199527
H32A	660	3G83	GAS	95.09-98.11	GWM-63A	MD997401
H32V,H37V	660	3G83	GAS	93.09-98.11	GWM-63A	MD997401
H36A	660	4A30	GAS	93.09-98.11	GWM-71A	MD199527

MINICAB

L13PC/PV	550	2G23		81.06-82.08	GWM-30A	MD019461
L15P/PV,LO15G/GV	550	G23B		82.08-84.06	GWM-30A	MD019461
U11T/11TP/11V/12T/12V	550	3G81		84.06-87.05	GWM-35A	MD997124
U11T/TP/V,U12T/V	550	G23B	GAS	84.04-87.05	GWM-35A	MD997124
U14/15	550	3G81		87.05-94.12	GWM-43A	MD997409
U14T	550	3G81	SPC	88.08-90.02	GWM-43A	MD997409
U14T/TP/V,U15T/V	550	3G81	GAS	87.06-90.02	GWM-43A	MD997409
U14TG/VG,U15TG/VG	550	3G81	SPC	90.01-91.02	GWM-43A	MD997409
U14V,U15T/V	550	3G81	SPC	87.06-90.02	GWM-43A	MD997409
U18T/TP/V,U19T/V	660	3G83	GAS	90.01-91.02	GWM-43A	MD997409
U4-18T/V,U19T/V	660	3G83		90.03-94.12	GWM-43A	MD997409
U41T	660	3G83	GAS	90.12-99.08	GWM-64A	MD977210
U41T,U42V	660	3G83	ECI	94.01-99.08	GWM-64A	1300A040
U41T/V,U42T/V	660	3G83	GAS	90.12-99.08	GWM-64A	1300A040
U41TP	660	3G83	GAS	91.01-99.08	GWM-64A	1300A040
U41V,U42T	660	3G83	ECI	97.10-99.08	GWM-64A	1300A040
U41V,U42T/V	660	3G83	GAS	95.12-99.08	GWM-64A	MD977210
U42TP	660	3G83	GAS	93.12-99.08	GWM-64A	1300A040
U61T	660	3G83	CNG	00.01-14.01	GWM-64A	MD977210
U61T/TP/V,U62T/TP/V	660	3G83	ECI	98.11-14.01	GWM-64A	MD977210
U61V	660	3G83	CNG	98.11-14.01	GWM-64A	MD977210
U62V	660	3G83	CNG	98.11-02.08	GWM-64A	MD977210

MIRAGE

A151/155	1200	G11B		78.02-80.08	GWM-14A	MD030751
A151/155	1200	G11B		80.09-83.10	GWM-17A	MD030863
C51A	1300	4G13		87.09-94.12	GWM-17A	MD997076
C51A	1300	4G13	GAS	87.09-91.10	GWM-17A	MD974649
C61A	1300	4G13	GAS	87.12-91.10	GWM-17A	MD974649
CA1A,CB1A	1300	4G13	GAS	91.07-95.10	GWM-17A	MD974649
CJ1A,CK1A	1300	4G13	ECI	95.08-00.08	GWM-54A	MD365087
CJ2A	1300	4G13		95.08-	GWM-54A	MD323372
A152/156	1400	G12B		78.02-80.08	GWM-14A	MD030751

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MIRAGE

A152/156	1400	G12B		80.09-83.10	GWM-17A	MD030863
C12A/V/W,C32V	1500	G15B		83.10-90.10	GWM-17A	MD997076
C12V/W	1500	G15B	GAS	85.01-92.09	GWM-17A	MD974649
C12V/W	1500	G15B		90.10-94.12	GWM-17A	MD997076
C18A	1500	G31B		86.02-88.12	GWM-46A	MD997699
C52A	1500	4G15	ECI	87.09-91.10	GWM-17A	MD974649
C52A	1500	4G15	GAS	87.09-91.10	GWM-17A	MD974649
C52A/62A/72A/82A4	1500	G15		87.09-94.12	GWM-17A	MD997076
C62A	1500	4G15	ECI	87.12-91.10	GWM-17A	MD974649
C62A,C72A	1500	4G15	GAS	87.12-91.10	GWM-17A	MD974649
C82A	1500	4G15	GAS	89.09-91.10	GWM-17A	MD974649
CA2A,CB2A	1500	4G15	ECI	91.07-95.10	GWM-17A	MD974649
CA3A	1500	4G91	GAS	91.07-92.10	GWM-47A	MD179030
CA3A,CB3A	1500	4G91	ECI	91.07-95.10	GWM-47A	MD179030
CA3A,CB3A	1500	4G91	ECI	92.10-95.10	GWM-47A	MD300799
CB3A	1500	4G91	GAS	92.10-95.10	GWM-47A	MD300799
CB3A,CC3A,CD3A	1500	4G91	GAS	91.07-95.10	GWM-47A	MD179030
CC3A,CD3A	1500	4G91	GAS	91.07-95.10	GWM-47A	MD300799
CC3A,CD3A	1500	4G91		91.08-94.12	GWM-47A	MD179030
CJ2A,CK2A,CL2A,CM2A	1500	4G15	ECI	95.08-00.08	GWM-54A	MD365087
A153/157	1600	G32B		79.03-80.08	GWM-15A	MD008431
A153/157	1600	G32B		80.09-83.10	GWM-46A	MD997699
C13A	1600	G32B		83.10-94.12	GWM-46A	MD997699
C53A	1600	4G61	ECI	87.09-91.10	GWM-53A	MD997620
C53A	1600	4G61	TBO	87.09-91.10	GWM-53A	MD997620
C53A/63A	1600	4G61		87.01-91.12	GWM-53A	MD997418
C53A/63A/73A/83A	1600	4G61(T)		87.09-94.12	GWM-53A	MD997418
C63A	1600	4G61	ECI	87.12-91.10	GWM-53A	MD997620
C73A	1600	4G61	TBO	87.12-91.10	GWM-53A	MD997620
C73A,C83A	1600	4G61	ECI	89.09-91.10	GWM-53A	MD997620
C73A/83A	1600	4G61		87.01-91.12	GWM-53A	MD997620
C83A	1600	4G61	TBO	89.09-91.10	GWM-53A	MD997620
CA4A	1600	4G92	ECI	91.07-95.10	GWM-47A	MD179030
CA4A	1600	4G92	ECI	92.10-95.10	GWM-47A	MD300799
CA4A,CB4A	1600	4G92	ECI	92.10-95.10		MD971999
CA4A,CB4A	1600	4G92	ECI	92.10-95.10	GWM-47A	MD972456
CB6A	1600	6A10	MPI	91.10-95.10	GWM-55A	MD302010
CC4A	1600	4G92	ECI	91.07-95.12	GWM-47A	MD179030
CC4A	1600	4G92		91.08-94.12	GWM-47A	MD179030
CC4A	1600	4G92	ECI	91.10-95.12	GWM-47A	MD300799
CJ4A,CK4A	1600	4G92	ECI	95.08-00.08	GWM-59A	MD309756
C14A/14V/14W/34V	1800	4D65	DIE	86.01-89.02	GWM-69A	MD997177
C14A/34V/34W	1800	4D65	DIE	89.02-94.12	GWM-69A	MD997692
C64A	1800	4D65	DIE	87.12-91.10	GWM-69A	MD997692
C64A	1800	4D65	DIE	88.01-89.09	GWM-69A	MD997177
C64A	1800	4D65	DIE	89.09-94.12	GWM-69A	MD997692
C74A	1800	4D65	DIE	88.10-91.10	GWM-69A	MD997692
C74A	1800	4D65	DTB	90.01-91.10	GWM-69A	MD997692
CB7A,CD7A	1800	4D65	DTB	91.07-92.10	GWM-69A	MD997692
CK6A	1800	6A11	ECI	95.08-99.06	GWM-55A	MD302010
CM5A	1800	4G93	TBO	95.08-00.08	GWM-59A	MD309756
CB8A,CD8A	2000	4D68	DTB	92.10-95.10	GWM-56A	MD972054
CK8A,CM8A	2000	4D68	DTB	95.08-99.06		MD974678

MIRAGE ASTI

CA1A	1300	4G13	GAS	93.04-96.01	GWM-17A	MD974649
CJ1A	1300	4G13	ECI	95.08-00.08	GWM-54A	MD365087
CA3A	1500	4G91	ECI	93.04-96.01	GWM-47A	MD300799
CJ2A	1500	4G15	ECI	95.08-00.08	GWM-54A	MD365087
CA4A	1600	4G92	ECI	93.12-96.01	GWM-47A	MD972456
CJ4A	1600	4G92	ECI	95.08-00.08	GWM-59A	MD309756

MITSUBISHI

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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MIRAGE DINGO

CQ1A	1300	4G13	MPI	00.01-02.08	GWM-54A	MD370803
CQ1A	1300	4G13	ECI	01.01-02.08	GWM-54A	MD370803
CQ2A	1500	4G15	GDI	98.11-02.08	GWM-54A	MD365087
CQ2A	1500	4G15	GDI	98.11-02.08	GWM-54A	MD370803
CQ5A	1800	4G93	GDI	00.02-02.08	GWM-59A	MD309756

MIRAGE/LANCER FIORE

C11A/V	1300	G13B		83.10-94.12	GWM-17A	MD997076
C11V	1300	G13B	GAS	85.01-92.09	GWM-17A	MD974649
C32V	1500	G15B	GAS	86.08-92.09	GWM-17A	MD974649
C14A/14V/14W/34W	1800	4D65	DIE	83.10-85.12		MD997128
C14V	1800	4D65	DIE	85.01-88.05		MD997128
C14V,C14W	1800	4D65	DIE	85.01-92.09	GWM-69A	MD997692
C14W	1800	4D65	DIE	85.01-87.09		MD997128
C34V	1800	4D65	DIE	86.08-92.09	GWM-69A	MD997692
C34W	1800	4D65	DIE	88.06-92.09	GWM-69A	MD997692
C37W	1800	G37B		86.08-94.12	GWM-46A	MD997699
C37W	1800	G37B	GAS	86.08-90.10	GWM-19A	MD974719
C37W	1800	4G37	ECI	90.10-92.09	GWM-19A	MD974719

OUTLANDER

CW4W	2000	4B11	ECI	10.01-14.01		1300A083
CW5W	2400	4B12	ECI	05.09-14.01		1300A083
CW6W	3000	6B31	ECI	07.09-09.09		1300A055

PAJERO

L041G	2000	G63B	GAS	82.04-84.04	GWM-23A	MD997615
L041G	2000	G63B	TBO	84.05-88.08	GWM-23A	MD997615
L041GV	2000	G63B	GAS	82.04-88.08	GWM-23A	MD997615
L041GW	2000	G63B	TBO	83.02-88.08	GWM-23A	MD997615
L046GW	2000	G63B	TBO	83.09-88.08	GWM-23A	MD997615
L41G/41GV/41GW/46GW	2000	G63B		82.04-88.08	GWM-23A	MD041041
L42G/47G	2000	4G05		82.01-	GWM-13A	MD021490
L043G	2300	4D55	DIE	82.04-83.05	GWM-39A	MD972001
L043G/GV	2300	4D55	DTB	82.04-86.03	GWM-39A	MD972001
L043GV	2300	4D55	DIE	82.04-86.03	GWM-39A	MD972001
L043GW	2300	4D55	DTB	83.02-86.03	GWM-39A	MD972001
L048GV	2300	4D55	DTB	83.05-86.03	GWM-39A	MD972001
L048GW	2300	4D55	DTB	83.05-86.04	GWM-39A	MD972001
L43G/43GV/43GW/48G/48GV/48GW	2300	4D55	DIE	82.04-88.08	GWM-39A	MD997150
V21W	2400	4G64	ECI	96.04-99.09	GWM-61A	MD972934
L044G,L144GW,L149GW	2500	4D56	DTB	88.09-91.04	GWM-39A	MD972001
L044GV,L049GV	2500	4D56	DIE	86.04-87.07	GWM-39A	MD972001
L044GV,L049GV	2500	4D56	DTB	86.04-91.04	GWM-39A	MD972001
L044GVG,L144G/GWG,L149GWG	2500	4D56	DTB	89.06-91.04	GWM-39A	MD972001
L044GW,L049GW	2500	4D56	DTB	86.04-88.08	GWM-39A	MD972001
L14/44/49/149	2500	4D56	DIE	86.05-94.12	GWM-39A	MD997150
L49G	2500	4D56	DIE	88.01-94.12		MD997203
V14V,V34V	2500	4D56	DTB	91.01-93.07	GWM-39A	MD972001
V24C/V/W	2500	4D56	DIE	91.01-	GWM-52A	MD972002
V24C/W	2500	4D56	DTB	90.10-97.05	GWM-52A	MD972002
V24V	2500	4D56	DTB	91.01-93.07	GWM-52A	MD972002
V24WG	2500	4D56	DTB	90.10-95.08	GWM-52A	MD972002
V44W,V47WG,WG	2500	4D56	DIE	91.01-	GWM-52A	MD997686
V44W/WG	2500	4D56	DTB	90.10-93.07	GWM-52A	MD972002
V47WG	2500	4D56	DTB	95.07-96.05	GWM-52A	MD972002
V26C	2800	4M40	DTB	97.05-99.09	GWM-57A	ME993473
V26W	2800	4M40	DTB	93.07-95.08	GWM-57A	ME993473
V26WG,V46V/WG	2800	4M40	DTB	93.07-99.09	GWM-57A	ME993473
V46W	2800	4M40	DTB	93.07-97.11	GWM-57A	ME993473
L141/146	3000	6G72		88.09-94.12	GWM-40A	MD997634
L141G	3000	6G72	ECI	89.06-91.04	GWM-74A*	MD972004

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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PAJERO

L141GW,L146GW	3000	6G72	ECI	88.09-91.04	GWM-74A*	MD972004
V23C	3000	6G72	ECI	90.10-94.06	GWM-74A*	MD972004
V23C	3000	6G72	ECI	97.04-99.09		1300A012
V23W	3000	6G72	ECI	90.10-97.05	GWM-74A*	MD972004
V43W	3000	6G72	ECI	90.10-97.03	GWM-74A*	MD972004
V63W,V73W	3000	6G72	ECI	00.06-06.08	GWM-79A*	MD979171
V83W,V93W	3000	6G72	ECI	06.08-14.01	GWM-79A*	MD979171
V68W,V78W	3200	4M41	DTB	99.06-04.11		1300A044
V68W,V78W	3200	4M41	DTB	99.06-04.11	GWM-57A	ME993473
V88W	3200	4M41	DTB	09.03-14.01		1300A074
V88W	3200	4M41	DTB	09.03-14.01		1300A102
V98W	3200	4M41	DTB	08.09-14.01		1300A074
V98W	3200	4M41	DTB	08.09-14.01		1300A102
V25C	3500	6G74	ECI	94.07-97.05	GWM-60A	MD972440
V25W,V45W	3500	6G74	ECI	93.07-97.05	GWM-60A	MD972440
V25W,V45W	3500	6G74	GDI	97.04-99.09		MD979170
V55W	3500	6G74	ECI	97.08-99.09		MD979170
V65W	3500	6G74	GDI	00.07-05.11	GWM-79A*	MD979171
V65W,V75W	3500	6G74	ECI	99.06-00.07	GWM-79A*	MD979171
V75W	3500	6G74	GDI	00.06-05.11	GWM-79A*	MD979171
V77W	3800	6G75	ECI	05.10-06.08	GWM-79A*	MD979171
V87W	3800	6G75	ECI	06.08-11.10	GWM-79A*	MD979171
V97W	3800	6G75	ECI	06.08-14.01	GWM-79A*	MD979171

PAJERO io

H61W,H71W	1800	4G93	GDI	99.08-00.06	GWM-59A	MD309756
H66W	1800	4G93	GDI	98.03-00.06	GWM-59A	MD309756
H76W	1800	4G93	GDI	98.05-00.06	GWM-59A	MD309756
H76W	1800	4G93	TBO	00.05-06.01	GWM-59A	MD309756
H76W	1800	4G93	ECI	02.09-07.05	GWM-59A	MD309756
H62W,H67W,H72W	2000	4G94	GDI	00.05-02.09	GWM-59A	MD309756
H77W	2000	4G94	GDI	00.05-07.05	GWM-59A	MD309756

PAJERO Jr

H57A	1100	4A31	ECI	95.10-98.06	GWM-66A	MD317677
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PAJERO MINI

H51A	660	4A30	ECI	95.11-98.10	GWM-66A	MD317677
H53A	660	4A30	ECI	98.10-14.01	GWM-75A	MD350772
H53A	660	4A30	TBO	99.09-05.12	GWM-75A	MD350772
H56A	660	4A30	ECI	94.10-98.10	GWM-66A	MD317677
H56A	660	4A30	TBO	94.10-98.10	GWM-66A	MD317677
H58A	660	4A30	TBO	98.08-14.01	GWM-75A	MD350772
H58A	660	4A30	ECI	98.10-08.09	GWM-75A	MD350772

PISTACHIO

H44A	1100	4A31	GDI	99.12-00.03		MD370741
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PROUDIA

S32A	3500	6G74	GDI	00.02-01.05	GWM-51A	MD978743
S33A	4500	8A80	GDI	00.02-01.05		MD977825

ROSA

BE434F	3300	4D31T	DTB	86.01-89.12	GWM-33A	ME993513
BE434F	3300	4D31T	DTB	86.01-89.12		ME993514
BE435E	3600	4D32	DIE	86.01-93.10		ME993514
BE435E/F	3600	4D32	DIE	86.01-93.10	GWM-33A	ME993513
BE435F	3600	4D32	DIE	85.11-93.10		ME993514
BE436E	3600	4D36	DIE	93.10-97.11		ME995426
BE436E	3600	4D36	DIE	95.05-97.11	GWM-65A	ME995424
BE436F	3600	4D36	DIE	93.10-95.05		ME995426
BE636E	3600	4D36	DIE	97.08-99.04	GWM-65A	ME995424

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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ROSA

BE439F	3900	4D34T	DTB	89.08-95.05	GWM-68A	ME993515
BE439F	3900	4D34T	DTB	89.08-97.11		ME995426
BE439F/449F	3900	4D34T	DTB	95.05-97.11	GWM-65A	ME995424
BE449F	3900	4D34T	DTB	90.01-95.05	GWM-68A	ME993515
BE449F	3900	4D34T	DTB	90.01-97.11		ME995426
BE459F	3900	4D34T	DTB	91.08-95.05	GWM-68A	ME993515
BE459F	3900	4D34T	DTB	91.08-97.09		ME995426
BE459F	3900	4D34T	DTB	95.05-97.09	GWM-65A	ME995424
BE437E	4200	4D33	DIE	91.08-95.05		ME993514
BE437E	4200	4D33	DIE	91.08-95.05		ME995426
BE437F	4200	4D33	DIE	89.08-95.05	GWM-33A	ME993513
BE437F	4200	4D33	DIE	89.08-95.05		ME993514
BE437F	4200	4D33	DIE	89.08-95.05		ME995426
BE63CE	4200	4D33	DIE	99.04-04.08	GWM-65A	ME995424
BE63CE	4200	4D33	CNG	03.03-04.08	GWM-65A	ME995424
BE63CG	4200	4D33	CNG	99.04-12.01	GWM-65A	ME995424
BE63CG	4200	4D33	DIE	01.05-04.08	GWM-65A	ME995424
BG437F	4200	4D33	DIE	89.12-95.03		ME993514
BG437F	4200	4D33	DIE	91.12-95.03	GWM-33A	ME993513
BE438E/F	4600	4D35	DIE	95.05-97.09	GWM-65A	ME995424
BE438E/F	4600	4D35	DIE	95.05-97.09		ME995426
BG438F	4600	4D35	DIE	95.04-97.09	GWM-65A	ME995424
BG438F	4600	4D35	DIE	95.04-97.09		ME995426
BE63DE	4900	4M50	DTB	99.04-14.01		ME993965
BE63DG,BE64DG/DJ,BE66DG	4900	4M50	DTB	04.10-14.01		ME993965
BG64DG	4900	4M50	DTB	04.10-14.01		ME993965
BE644G/654G	4900	4M50	DTB	97.08-99.04		ME995072
BE64DE	4900	4M50	DTB	04.11-14.01		ME993965
BE64DG/66DG	4900	4M50	DTB	99.04-04.08		ME995072
BE64DJ	4900	4M50	DIE	01.05-04.08		ME995072
BE632E/G,BE642G/J,BG642G	5200	4M51	DIE	97.08-99.04		ME995072
BE63EE/EG,BE64EG,BG64EG	5200	4M51	DIE	99.04-04.08		ME995072
BE64EJ	5200	4M51	DIE	99.04-01.04		ME995072

ROSA/FUSO 3.5TON

B16	2700	4DR-5	DIE	70.01-73.12		31645-01012
B16/200/210	2700	4DR-5	DIE	74.01-77.12		31645-02012
B200/210	2700	4DR-5	DIE	73.01-75.12		31645-01032
B200/210	2700	4DR-5	DIE	75.01-79.12		31645-02012
B200/210	2700	4DR-5	DIE	75.01-79.12		31645-02021
BE211	3300	4D30	DIE	79.01-94.12	GWM-20A	ME015010
B360	4000	6DR-5	DIE	73.01-74.12		31645-02021
BH212	4000	6DR-5	DIE	79.01-79.12		
T44	4000	6DR-5	DIE	70.01-74.12		31645-02021
T44,B360	4000	6DR-5	DIE	74.01-76.12		

RVR

GA3W	1800	4B10	ECI	10.02-14.01	GWM-93AM*	1300A083
GA3W	1800	4B10	ECI	10.02-14.01	GWM-93AMH*	1300A083
GA3W	1800	4B10	ECI	10.02-14.01	GWM-93AMP*	1300A083
GA3W	1800	4B10	ECI	10.02-14.01	GWM-93AMPH	1300A083
N11W/21W	1800	4G93	ECI	91.05-94.09	GWM-47A	MD179030
N11W/21W	1800	4G93	ECI	91.05-97.11	GWM-47A	MD300799
N21WG	1800	4G93	ECI	96.05-97.11	GWM-47A	MD300799
N61W/71W	1800	4G93	GDI	97.09-02.08	GWM-59A	MD309756
N13W	2000	4G63		92.10-	GWM-48A	MD971538
N13W/23W	2000	4G63	ECI	91.01-96.05	GWM-44A	MD972052
N13W/23W	2000	4G63	ECI	91.01-97.11	GWM-48A	MD972050
N23W/23WG	2000	4G63	TBO	94.09-97.11	GWM-48A	MD972050
N23WG	2000	4G63	ECI	92.09-97.11	GWM-48A	MD972050
N28W/28WG	2000	4D68	DTB	92.09-94.09	GWM-56A	MD971539
N28W/28WG	2000	4D68	DTB	92.09-97.11	GWM-56A	MD972054
N73WG	2000	4G63	TBO	97.09-02.08	GWM-81A	1300A069

MITSUBISHI

MODEL	C.C.	ENGINE	REMARK	YEAR	GWM NO.	OEM NO.
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RVR

N64WG	2400	4G64	GDI	99.09-02.08	GWM-80A	MD976464
N74WG	2400	4G64	GDI	97.09-02.08	GWM-80A	MD976464

SIGMA

F11A	2000	6G71	ECI	90.10-92.09	GWM-74A*	MD972003
F12A	2000	6A12	ECI	92.10-95.08	GWM-55A	MD302010
F13A,F17A,F25A	2500	6G73	ECI	90.10-95.08	GWM-50A	MD972005
F13AK	2500	6G73	ECI	91.08-95.08	GWM-50A	MD972005
F15A,F27A	2500	6G73	ECI	90.10-93.09	GWM-50A	MD972005

STARION

A182A/183A	2000	G63B(T)		82.04-90.10	GWM-23A	MD997079
A183A	2000	G63B		86.12-94.12		MD997403
A183A,MNWSI/C	2000	G63B		82.04-94.12	GWM-23A	MD997615
A187A	2600	G54B		85.02-86.11	GWM-37A	MD997158

TOPPO

H82A	660	3G83	ECI	08.09-14.01	GWM-73A	MD977025
H82A	660	3G83	TBO	08.09-14.01	GWM-73A	MD977025

TOPPO BJ

H41A	660	4A30	TBO	98.10-02.07	GWM-75A	MD350772
H42A,H47A	660	3G83	ECI	98.10-03.07	GWM-73A	MD977025
H42V,H47V	660	3G83	ECI	00.01-03.07	GWM-73A	MD977025
H46A	660	4A30	TBO	98.10-02.08	GWM-75A	MD350772

TOPPO BJ WIDE

H43A,H48A	1100	4A31	ECI	98.11-01.05	GWM-75A	MD350772
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TOWNBOX

U61W,U62W	660	3G83	ECI	98.11-14.01	GWM-64A	MD977210
U61W,U62W	660	3G83	TBO	02.08-14.01	GWM-64A	MD977210
U63W,U64W	660	4A30	TBO	98.11-02.08	GWM-76A	MD352389

TOWNBOX WIDE

U65W,U66W	1100	4A31	ECI	99.04-01.05	GWM-76A	MD352389
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TRITON

KB9T	3500	6G74	ECI	06.08-.14.01	GWM-79A*	MD979171
					GWM-92A	CW767153
FK618		6D17		95-99	GWM-98AM	8-97627357

EXPORT MODEL

GWM-13F (MD021502)
GWM-22A (MD025190) 81-87 2600cc CHRYSLER,DODGE,PLYMCUTH(USA)
GWM-29A (MD025100) D 5400cc FUSO4.5 , FK102 DS'7(TAIWAN)
GWM-34 (AD077219) 2600cc MAGNA(AUSTRALIA)
GWM-36A (MD076245)
GWM-41A (MD117633) (=GWM-43A)
GWM-42A (MD129490) 1100cc(TAIWAN)

NISSAN

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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180 SX

KRS13,RS13	1800	CA18DT	TBO	89.03-91.01	GWN-31A	21010-50VY5
KRPS13,RPS13	2000	SR20DT	TBO	91.01-99.01	GWN-79A	B1010-52F01
RPS13	2000	SR20DE	EGI	96.08-99.01	GWN-79A	B1010-52F01

AD

VAY12	1200	CR12DE	EGI	06.12-14.01	GWN-92A	21010-AX00A
MVY10	1300	GA13DS	GAS	93.07-99.06	GWN-42A	21010-0M302
VB11	1300	E13S	GAS	82.10-90.10	GWN-24A	21010-50A27
VB11	1300	E13S	GAS	88.05-90.10	GWN-49A	21010-50AY8
VY10	1300	GA13DS	GAS	90.10-97.05	GWN-42A	21010-0M302
VY10	1300	GA13DE	EGI	97.05-99.06	GWN-42A	21010-0M302
VY11	1300	QG13DE	EGI	99.06-14.01	GWN-73A	21010-4M526
WY10	1300	GA13DS	GAS	90.10-95.06	GWN-42A	21010-0M302
MVY10	1500	GA15DS	GAS	93.07-99.06	GWN-42A	21010-0M302
VFNY10,VFY10	1500	GA15DS	GAS	90.10-97.05	GWN-42A	21010-0M302
VFNY10,VFY10	1500	GA15DE	EGI	97.05-99.06	GWN-42A	21010-0M302
VFY11	1500	QG15DE	EGI	99.06-14.01	GWN-73A	21010-4M526
VHB11	1500	E15S	GAS	82.10-90.10	GWN-24A	21010-50A27
VHB11	1500	E15S	GAS	88.05-90.10	GWN-49A	21010-50AY8
VY12	1500	HR15DE	EGI	06.12-14.01	GWN-89A	B1010-ED00A
WFNY10,WFY10	1500	GA15DS	GAS	90.10-95.06	GWN-42A	21010-0M302
WFNY10,WFY10	1500	GA15DE	EGI	95.06-96.05	GWN-42A	21010-0M302
VZNY12	1600	HR16DE	EGI	08.12-14.01	GWN-89A	B1010-ED00A
VS11	1700	CD17	DIE	82.10-88.05	GWN-26A	21010-16AY5
VS11	1700	CD17	DIE	82.10-88.05		21010-16AY7
VS11	1700	CD17	DIE	88.05-90.10	GWN-55A	BA010-54A26
VSNY10	1700	CD17	DIE	90.10-94.08	GWN-55A	BA010-54A26
VSNY10,VS10	1700	CD17	DIE	90.10-97.05	GWN-67A	21010-59Y25
VS10	1700	CD17	DIE	90.10-97.05	GWN-55A	BA010-54A26
WSY10	1700	CD17	DIE	90.10-93.08	GWN-55A	BA010-54A26
VGY11	1800	QG18DN	CNG	00.01-14.01	GWN-73A	21010-4M526
VHNY11	1800	QG18DE	EGI	99.06-14.01	GWN-73A	21010-4M526
VENY10,VEY10	2000	CD20	DIE	97.05-99.06	GWN-52A	21010-57J28
WEY10	2000	CD20	DIE	93.08-96.05	GWN-52A	21010-57J01
WEY10	2000	CD20	DIE	95.06-96.05	GWN-52A	21010-57J28
VENY11,VEY11	2200	YD22DD	DI	99.06-03.08	GWN-76A	B1010-AD226

AD EXPERT

VY12	1500	HR15DE	EGI	06.12-14.01	GWN-89A	B1010-ED00A
VZNY12	1600	HR16DE	EGI	08.12-14.01	GWN-89A	B1010-ED00A
VJY12	1800	MR18DE	EGI	06.12-14.01	GWN-90A	B1010-1GZ0A

AD MAX

VFGY10	1500	GA15DS	GAS	92.04-97.05	GWN-42A	21010-0M302
VFGY10	1500	GA15DE	EGI	97.05-99.06	GWN-42A	21010-0M302
WFGY10	1500	GA15DS	GAS	92.04-95.06	GWN-42A	21010-0M302
WFGY10	1500	GA15DE	EGI	95.06-99.06	GWN-42A	21010-0M302
VSGY10	1700	CD17	DIE	92.04-97.05	GWN-67A	21010-59Y25
VSGY10	1700	CD17	DIE	92.04-97.05	GWN-55A	BA010-54A26
VEGY10	2000	CD20	DIE	97.05-99.06	GWN-52A	21010-57J28

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BF22,BGF22	1600	Z16	GAS	82.02-90.07	GWN-05A	21010-W3688
SJ2F23	1600	NA16S	GAS	92.01-95.06	GWN-54A	21010-85G27
UF22,UGF22	1600	NA16S	GAS	90.07-92.01	GWN-54A	21010-85G27
PF22,PGF22	2000	Z20	GAS	82.02-90.07	GWN-05A	21010-W3688
SH2F23,SH4F23	2000	KA20DE	EGI	99.06-14.01	GWN-54A	21010-85G27
SK2F23,SK4F23	2000	NA20S	GAS	92.01-99.06	GWN-54A	21010-85G27
SQ1F24,SQ2F24	2000	QR20DE	EGI	07.06-14.01		21010-EA010
WF22,WGF22	2000	NA20S	GAS	90.07-92.01	GWN-54A	21010-85G27
SM2F23,SM4F23	2300	TD23	DIE	92.01-95.06		B1010-5T11A
SM6F23	2300	TD23	DIE	92.10-95.06		B1010-5T11A

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TF22,TGF22	2300	TD23	DIE	86.11-92.01	GWN-47AF	B1010-02N1B
YF22,YGF22	2300	SD23	DIE	82.02-86.11	GWN-10A	21010-37585
EF22,EGF22,REGF22	2500	SD25	DIE	82.02-86.11		21010-T8228
VEGF22	2500	SD25	DIE	85.08-86.11		21010-T8228
AF22,AGF22,VAGF22	2700	TD27	DIE	86.11-92.01	GWN-47AF	B1010-02N1B
AMF22	2700	TD27	DIE	88.10-90.07	GWN-47AF	B1010-02N1B
AMF22	2700	TD27	DIE	88.10-92.01		21010-22TY9
SP2F23,SP4F23	2700	TD27	DIE	92.01-04.08		B1010-5T11A
SP6F23	2700	TD27	DIE	99.06-04.08		B1010-5T11A
SP8F23	2700	TD27	DIE	92.01-97.08		B1010-5T11A
AJR85AD/AN,AJS85A/AN	3000	4JJ1	DTB	07.03-14.01		21010-89T0A
AKR85A/AD/N/R	3000	4JJ1	DTB	07.03-14.01		21010-89T0A
AKS85AN,AMR85AN/N	3000	4JJ1	DTB	07.03-14.01		21010-89T0A
AKR85AN/YN,AKS85A	3000	4JJ1	DTB	07.04-14.01		21010-89T0A
APS85AN/AR	3000	4JJ1	DTB	07.04-14.01		21010-89T0A
AKR85AR	3000	4JJ1	DTB	07.06-14.01		21010-89T0A
AKS85AD,AMS85AN	3000	4JJ1	DTB	07.07-14.01		21010-89T0A
ANS85AR	3000	4JJ1	DTB	07.07-14.01		21010-89T0A
ALR85AN/AR/N	3000	4JJ1	DTB	07.01-14.01		21010-89T0A
ALS85AN	3000	4JJ1	DTB	07.08-14.01		21010-89T0A
ALS85AR	3000	4JJ1	DTB	07.05-14.01		21010-89T0A
AMR85AR/85R	3000	4JJ1	DTB	07.02-14.01		21010-89T0A
ANR85AR,APR85AN/AR	3000	4JJ1	DTB	07.01-14.01		21010-89T0A
APR75N	3000	4JJ1	DTB	07.03-14.01		21010-89T0B
DW2H41,LW4YH41,SW2H41	3000	BD30	DIE	91.10-95.05	GWN-47AF	B1010-02N1B
LW2YH41	3000	BD30	DIE	93.10-95.05	GWN-47AF	B1010-02N1B
SZ1F24,SZ2F24,SZ4F24	3000	ZD30DD	DTB	07.06-14.01		B1M10-MA70A
SZ5F24	3000	ZD30DD	DTB	07.06-14.01		B1M10-MA70A
TZ2F24,TZ3F24	3000	ZD30DD	DTB	07.06-14.01		B1M10-MA70A
AHR69/69N	3100	4JG2	DIE	04.07-14.01	GWIS-25A	21010-89TB0
AHR69CV	3100	4JG2	DIE	02.09-14.01	GWIS-25A	21010-89TB0
AHR69E/EV,AHS69EA	3100	4JG2	DIE	03.10-14.01	GWIS-25A	21010-89TB0
AHR69K	3100	4JG2	DIE	99.02-02.06	GWIS-25A	21010-89TB0
AHS69A	3100	4JG2	DIE	04.11-14.01	GWIS-25A	21010-89TB0
AHS69AN	3100	4JG2	DIE	04.12-14.01	GWIS-25A	21010-89TB0
AHS69EAV	3100	4JG2	DIE	03.11-14.01	GWIS-25A	21010-89TB0
AKR69CAE	3100	4JG2	DIE	95.08-02.06	GWIS-25A	21010-89TB0
AKR69EA	3100	4JG2	DIE	95.05-14.01	GWIS-25A	21010-89TB0
AKR69EAV	3100	4JG2	DIE	95.05-02.06	GWIS-25A	21010-89TB0
AKR69LAR	3100	4JG2	DIE	95.06-99.05	GWIS-25A	21010-89TB0
AKR69LAV	3100	4JG2	DIE	96.01-99.05	GWIS-25A	21010-89TB0
YKR69EA	3100	4JG2	DIE	01.03-02.06	GWIS-25A	21010-89TB0
SR2F23,SR4F23,SR8F23	3200	QD32	DIE	97.08-14.01	GWN-47AF	B1010-6T30A
CMH40,DMH40	3300	ED33	DIE	81.12-86.11	GWN-38A	21010-50T27
CMH40,DMH40	3300	ED33	DIE	82.11-86.11		BA010-T9C25
MGH40,MH40,RMH40,TMH40	3300	ED33	DIE	81.12-86.11	GWN-38A	21010-50T27
MGH40,MH40,RMH40,TMH40	3300	ED33	DIE	82.11-86.11		BA010-T9C25
LE2YH41,LE4YH41	3500	ED35	DIE	93.10-95.05		21010-01T90
SE2H41,TE2H41	3500	ED35	DIE	91.10-95.05		21010-01T90
DG2H41,LG2YH41	4200	FD42	DIE	91.10-95.05	GWN-78A	21010-0T025
LG4YH41,RG2YH41	4200	FD42	DIE	91.10-95.05	GWN-78A	21010-0T025
DG7YH41,LG7YH41	4200	FD42	DIE	92.11-95.05	GWN-78A	21010-0T025
LG8YH41	4200	FD42	DIE	92.11-95.05	GWN-78A	21010-0T025
SG2H41,VG2YH41,ZG4YH41	4200	FD42	DIE	91.10-95.05	GWN-78A	21010-0T025
UG4YH41,VG4YH41	4200	FD42	DIE	92.01-95.05	GWN-78A	21010-0T025
VG3YH41,ZG3YH41	4200	FD42	DIE	93.10-95.05	GWN-78A	21010-0T025
AKR66E	4300	4HF1	DIE	95.06-02.06	GWN-66A	21010-89TB1
AKR66E/66ED/66LR	4300	4HF1N	DIE	97.05-02.06	GWN-66A	21010-89TB1
AKR66E2N,APR66PR	4300	4HF1	DIE	95.06-99.05	GWN-66A	21010-89TB1
AKR66E3N	4300	4HF1	DIE	96.04-02.06	GWN-66A	21010-89TB1
AKR66EA	4300	4HF1N	DIE	95.05-02.06	GWN-66A	21010-89TB1
AKR66EA/66EAV/66EP/66ER	4300	4HF1	DIE	95.05-02.06	GWN-66A	21010-89TB1

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AKR66EAV	4300	4HF1N	DIE	97.06-02.06	GWN-66A	21010-89TB1
AKR66EAV	4300	4HF1	CNG	00.07-02.03	GWN-66A	21010-89TB1
AKR66ED	4300	4HF1	DIE	95.05-14.01	GWN-66A	21010-89TB1
AKR66EDN	4300	4HF1	DIE	96.01-02.06	GWN-66A	21010-89TB1
AKR66EP	4300	4HF1	CNG	00.08-02.03	GWN-66A	21010-89TB1
AKR66GAV/66LAR/66LAV	4300	4HF1	DIE	95.05-02.06	GWN-66A	21010-89TB1
AKR66LR,APR66LV	4300	4HF1	DIE	95.05-02.06	GWN-66A	21010-89TB1
AKR66GN,APR66LR	4300	4HF1	DIE	95.05-99.05	GWN-66A	21010-89TB1
AKR66K	4300	4HF1	DIE	99.02-02.06	GWN-66A	21010-89TB1
AKR66LAR/66LAV	4300	4HF1N	DIE	97.05-99.05	GWN-66A	21010-89TB1
AKR66LAV	4300	4HF1	CNG	00.09-02.03	GWN-66A	21010-89TB1
AKR66LV	4300	4HF1	DIE	95.08-02.06	GWN-66A	21010-89TB1
AKR66LZ	4300	4HF1	DIE	97.10-99.05	GWN-66A	21010-89TB1
AKR81AN	4300	4HF1	CNG	04.07-14.01	GWN-66A	21010-89TB1
AKR81E	4300	4HF1	CNG	03.10-04.06	GWN-66A	21010-89TB1
AKR81EAV,AKR81EP	4300	4HF1	CNG	02.06-04.06	GWN-66A	21010-89TB1
AKR81LAV	4300	4HF1	CNG	03.01-04.06	GWN-66A	21010-89TB1
AKS66GA	4300	4HF1	DIE	96.01-99.05	GWN-66A	21010-89TB1
AKS66GAR	4300	4HF1	DIE	97.05-99.05	GWN-66A	21010-89TB1
AKS66GAV	4300	4HF1	DIE	96.05-99.05	GWN-66A	21010-89TB1
APR66GR	4300	4HF1	DIE	95.07-99.05	GWN-66A	21010-89TB1
APR66GV	4300	4HF1	DIE	96.07-99.05	GWN-66A	21010-89TB1
APR66PV	4300	4HF1	DIE	95.10-99.05	GWN-66A	21010-89TB1
APR72GV	4300	4HF1	CNG	03.06-04.06	GWN-66A	21010-89TB1
APR72LV	4300	4HF1	CNG	03.05-04.06	GWN-66A	21010-89TB1
APR81N	4300	4HF1	CNG	05.03-14.01	GWN-66A	21010-89TB1
AKR71E	4600	4HG1	DIE	99.05-14.01	GWN-66A	21010-89TB1
AKR71E2N	4600	4HG1	DIE	98.08-99.05	GWN-66A	21010-89TB1
AKR71E3N,AKS71LN	4600	4HG1	DIE	99.07-02.06	GWN-66A	21010-89TB1
AKR71EA/71ER,APR71GV	4600	4HG1	DIE	95.07-02.06	GWN-66A	21010-89TB1
AKR71EAV/71ER	4600	4HG1	LPG	01.06-02.03	GWN-66A	21010-89TB1
AKR71EAV/71GN/71LR	4600	4HG1	DIE	95.07-14.01	GWN-66A	21010-89TB1
AKR71ED	4600	4HG1	DIE	95.08-14.01	GWN-66A	21010-89TB1
AKR71EDN/71GAV	4600	4HG1	DIE	95.09-02.06	GWN-66A	21010-89TB1
AKR71EN/71LN,AKS71LAV	4600	4HG1	DIE	97.07-02.06	GWN-66A	21010-89TB1
AKR71EP	4600	4HG1	DIE	99.08-02.06	GWN-66A	21010-89TB1
AKR71EP	4600	4HG1	LPG	00.12-02.03	GWN-66A	21010-89TB1
AKR71LAR	4600	4HG1	DIE	95.06-02.06	GWN-66A	21010-89TB1
AKR71LAV	4600	4HG1	DIE	95.11-14.01	GWN-66A	21010-89TB1
AKR71LAV	4600	4HG1	LPG	01.01-02.03	GWN-66A	21010-89TB1
AKR71LV	4600	4HG1	DIE	95.10-14.01	GWN-66A	21010-89TB1
AKR71LZ	4600	4HG1	DIE	02.04-14.01	GWN-66A	21010-89TB1
AKR81AN	4600	4HG1	LPG	04.09-14.01	GWN-66A	21010-89TB1
AKR81E	4600	4HG1	LPG	02.07-04.06	GWN-66A	21010-89TB1
AKR81EAV/81EP	4600	4HG1	LPG	02.06-04.06	GWN-66A	21010-89TB1
AKR81GAV/81LAV	4600	4HG1	LPG	02.09-04.06	GWN-66A	21010-89TB1
AKR81LV	4600	4HG1	LPG	02.10-04.06	GWN-66A	21010-89TB1
AKR82AN	4600	4HV1	CNG	05.05-14.01	GWN-66A	21010-89TB1
AKS71EA	4600	4HG1	DIE	00.08-02.06	GWN-66A	21010-89TB1
AKS71EAD	4600	4HG1	DIE	00.10-02.06	GWN-66A	21010-89TB1
AKS71GA/71GAR/71GAV	4600	4HG1	DIE	99.05-02.06	GWN-66A	21010-89TB1
AKS71GAN	4600	4HG1	DIE	98.09-99.05	GWN-66A	21010-89TB1
AKS71GDR/71GR	4600	4HG1	DIE	95.05-02.06	GWN-66A	21010-89TB1
APR71LR/71LV/71PV	4600	4HG1	DIE	95.05-02.06	GWN-66A	21010-89TB1
AKS71LAR	4600	4HG1	DIE	97.06-02.06	GWN-66A	21010-89TB1
APR71GDR	4600	4HG1	DIE	95.05-99.05	GWN-66A	21010-89TB1
APR71GR	4600	4HG1	DIE	95.07-99.05	GWN-66A	21010-89TB1
APR71GY	4600	4HG1	DIE	96.04-99.05	GWN-66A	21010-89TB1
APR71LAR	4600	4HG1	DIE	01.01-02.06	GWN-66A	21010-89TB1
APR71LAV	4600	4HG1	DIE	01.06-02.06	GWN-66A	21010-89TB1
APR71LV	4600	4HG1	CNG	99.09-02.03	GWN-66A	21010-89TB1
APR71PAR	4600	4HG1	DIE	01.02-02.06	GWN-66A	21010-89TB1

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APR71PAV	4600	4HG1	DIE	02.03-14.01	GWN-66A	21010-89TB1
APR71PR	4600	4HG1	DIE	95.05-14.01	GWN-66A	21010-89TB1
APR72LV	4600	4HG1	LPG	03.07-14.01	GWN-66A	21010-89TB1
APS71GN	4600	4HG1	DIE	95.09-99.05	GWN-66A	21010-89TB1
APS71LN	4600	4HG1	DIE	95.06-99.05	GWN-66A	21010-89TB1
RH4YH41,UH4YH41,UH5YH41	4600	FD46	DIE	92.01-95.05	GWN-78A	21010-0T025
VH4YH41	4600	FD46	DIE	92.01-95.05	GWN-78A	21010-0T025
UH3YH41	4600	FD46	DIE	93.10-95.05	GWN-78A	21010-0T025
AKR81A/AD/AN/AR/N/R,AKS81A	4800	4HL1	DIE	04.06-14.01	GWN-66A	21010-89TB1
AKR81E/EA/EAV/ED,APR81LR	4800	4HL1	DIE	02.05-14.01	GWN-66A	21010-89TB1
AKR81E3N	4800	4HL1N	DIE	02.09-14.01	GWN-66A	21010-89TB1
AKR81E3N/EN/LAV	4800	4HL1	DIE	02.07-14.01	GWN-66A	21010-89TB1
AKR81EA/EAV/ED/GAV/LAR/LAV	4800	4HL1N	DIE	02.05-14.01	GWN-66A	21010-89TB1
AKR81EP/GAV/GN/LAR/LR/LV	4800	4HL1	DIE	02.06-14.01	GWN-66A	21010-89TB1
AKR81EP/LV	4800	4HL1N	DIE	02.07-14.01	GWN-66A	21010-89TB1
AKR81LN/LZ,APR81PR	4800	4HL1	DIE	02.09-14.01	GWN-66A	21010-89TB1
AKS81AN/AR/N,APR81AN/AR	4800	4HL1	DIE	04.07-14.01	GWN-66A	21010-89TB1
AKS81EA,APR81GR/LAR/LV	4800	4HL1	DIE	02.06-14.01	GWN-66A	21010-89TB1
AKS81EAD/EAV/GAV/GDR/GR	4800	4HL1	DIE	02.07-14.01	GWN-66A	21010-89TB1
AKS81GAR	4800	4HL1	DIE	03.05-14.01	GWN-66A	21010-89TB1
AKS81LAR/LAV/LN	4800	4HL1	DIE	02.07-14.01	GWN-66A	21010-89TB1
APR70GDR	4800	4HE1T	DTB	95.09-99.05	GWN-66A	21010-89TB1
APR70LR/70LYR/70PR/70PYR	4800	4HE1T	DTB	95.07-99.05	GWN-66A	21010-89TB1
APR70LV	4800	4HE1T	DTB	96.01-99.05	GWN-66A	21010-89TB1
APR70PV	4800	4HE1T	DTB	95.08-99.05	GWN-66A	21010-89TB1
APR81DR	4800	4HL1	DTB	04.08-14.01	GWN-66A	21010-89TB1
APR81GV	4800	4HL1	DIE	02.12-14.01	GWN-66A	21010-89TB1
APR81LAV	4800	4HL1	DIE	02.08-14.01	GWN-66A	21010-89TB1
APR81N/R	4800	4HL1	DTB	04.07-14.01	GWN-66A	21010-89TB1
APR81PAR/PAV/PV	4800	4HL1	DIE	02.07-14.01	GWN-66A	21010-89TB1
APS81AN/AR/N	4800	4HL1	DIE	04.08-14.01	GWN-66A	21010-89TB1
AKR72E/GN/LR	5000	4HJ1	DIE	01.03-14.01	GWN-66A	21010-89TB1
AKR72E3N	5000	4HJ1	DIE	01.06-02.06	GWN-66A	21010-89TB1
AKR72ED	5000	4HJ1	DIE	01.10-14.01	GWN-66A	21010-89TB1
AKR72ER	5000	4HJ1N	DIE	00.04-02.06	GWN-66A	21010-89TB1
AKR72ER	5000	4HJ1	DIE	00.10-02.06	GWN-66A	21010-89TB1
AKR72LN,APR72PYR	5000	4HJ1	DIE	01.03-02.06	GWN-66A	21010-89TB1
AKR72LR	5000	4HJ1N	DIE	00.09-14.01	GWN-66A	21010-89TB1
AKR72LV	5000	4HJ1	DIE	01.08-02.06	GWN-66A	21010-89TB1
APR72GDR/72GR/72LV	5000	4HJ1	DIE	97.05-14.01	GWN-66A	21010-89TB1
APR72GN	5000	4HJ1	DIE	02.07-14.01	GWN-66A	21010-89TB1
APR72GV/LR,APS72GN	5000	4HJ1	DIE	97.06-14.01	GWN-66A	21010-89TB1
APR72GY	5000	4HJ1	DIE	99.11-02.06	GWN-66A	21010-89TB1
APR72LAR	5000	4HJ1	DIE	00.07-14.01	GWN-66A	21010-89TB1
APR72LAV	5000	4HJ1	DIE	00.08-14.01	GWN-66A	21010-89TB1
APR72LYR	5000	4HJ1	DIE	01.11-02.06	GWN-66A	21010-89TB1
APR72PAR/PAV	5000	4HJ1	DIE	02.06-14.01	GWN-66A	21010-89TB1
APR72PR/PV,APS72LN	5000	4HJ1	DIE	97.05-14.01	GWN-66A	21010-89TB1
APS72LAR/LAV	5000	4HJ1	DIE	03.02-14.01	GWN-66A	21010-89TB1
APS72PAR	5000	4HJ1	DIE	03.03-14.01	GWN-66A	21010-89TB1
APS72PAV	5000	4HJ1	DIE	03.06-14.01	GWN-66A	21010-89TB1
APR75GDR	5200	4HK1T	DTB	99.08-02.06		21010-89TA8
APR75LR/PV	5200	4HK1T	DTB	99.06-14.01		21010-89TA8
APR75LV	5200	4HK1T	DTB	99.08-14.01		21010-89TA8
APR75LYR/PYR	5200	4HK1T	DTB	99.06-02.06		21010-89TA8
APR75PR	5200	4HK1T	DTB	99.07-14.01		21010-89TA8

ATLAS/CONDOR

F20	1500	J15		86.01-79.08	GWN-01A	21010-13226
F22	1600	Z16		82.02-90.07	GWN-05A	21010-W3685
F22/23	1600	NA16S		90.07-94.12	GWN-54A	21010-85G25
F20	2000	H20		76.01-81.12		21010-B8525

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ATLAS/CONDOR

F22	2000	Z20		82.02-90.07	GWN-05A	21010-W3685
F22/23,H40	2000	NA20S		90.07-94.12	GWN-54A	21010-85G25
H40	2000	Z20S/D		81.12-90.06	GWN-05A	21010-P7527
PH40	2000	Z20S	GAS	81.12-90.06	GWN-05A	21010-W3688
PH40	2000	Z20D	LPG	83.01-89.05	GWN-05A	21010-W3688
WH40	2000	NA20S	GAS	90.06-91.10	GWN-54A	21010-85G27
F20	2200	SD22	DIE	76.01-79.08	GWN-10A	21010-37526
F20	2200	SD22	DIE	79.08-81.12	GWN-19A	21010-31W25
F22	2300	SD23	DIE	82.02-86.11	GWN-10A	21010-37528
F22	2300	TD23	DIE	86.11-94.12	GWN-47AF	21010-02N25
F23	2300	TD23	DIE	92.01-94.12		21010-2T325
EH40	2500	SD25	DIE	81.12-86.11		21010-T8228
F22	2500	SD25	DIE	82.02-86.11		21010-T8226
H40	2500	SD25	DIE	81.12-86.11		21010-T8226
SN2F23,SN4F23,SN6F23	2500	TD25	DIE	95.06-99.06		B1010-5T11A
AH40	2700	TD27	DIE	86.11-90.06	GWN-47AF	B1010-02N1B
F22	2700	TD27	DIE	86.11-90.05	GWN-47AF	21010-02N25
F22	2700	TD27	DIE	88.10-94.12		21010-22T25
F22	2700	TD27	DIE	90.05-94.12	GWN-47AF	21010-02N85
F23	2700	TD27	DIE	92.01-94.12		21010-2T325
H40	2700	TD27	DIE	86.11-90.06	GWN-47AF	21010-02N25
DJH40,JGH40,JH40	3000	BD30	DIE	89.05-91.10	GWN-47AF	B1010-02N1B
H40/41,S41	3000	BD30	DIE	89.05-94.12	GWN-47AF	21010-02N25
DFH40,FGH40, FH40	3300	FD33	DIE	84.06-86.11		BA010-T9C85
DMH40,MGH40	3300	ED33	DIE	86.11-89.05	GWN-38A	21010-50T25
FGH40	3300	FD33T	DTB	83.01-86.11		BA010-T9327
FGH40	3300	FD33T	DTB	83.01-86.11		BA010-T9C25
H40	3300	ED33	DIE	81.12-84.06	GWN-38A	21010-T9026
H40	3300	ED33T	DIE	83.01-84.06		21010-T9327
H40	3300	ED33	DIE	84.06-86.11		21010-T9390
H40	3300	ED33T	DIE	84.06-86.11		21010-T9387
H40	3300	ED33	DIE	86.11-90.06	GWN-38A	21010-01T85
JMH40	3300	ED33	DIE	83.01-84.06	GWN-38A	21010-50T27
MH40,TMH40	3300	ED33	DIE	86.11-90.06	GWN-38A	21010-50T25
RFGH40	3300	FD33T	DTB	83.01-84.06		BA010-T9327
RMGH40	3300	ED33	DIE	81.12-84.06	GWN-38A	21010-50T27
CSH40,DSH40,SGH40,SH40	3500	FD35	DIE	86.11-91.10	GWN-38A	21010-50T25
H40	3500	FD35	DIE	86.11-94.12	GWN-38A	21010-01T25
H40	3500	FD35T	DIE	86.11-94.12	GWN-38A	21010-01T26
H40	3500	FD35	DIE	89.05-94.12	GWN-38A	21010-01T26
H40/41,S41	3500	ED35	DIE	90.06-94.12		21010-01T90
RH40,TRH40	3500	ED35	DIE	90.06-91.10		21010-01T90
SGH40	3500	FD35T	DTB	86.11-91.10	GWN-38A	21010-50T26
SQH40	3500	FD35	DIE	89.05-91.10	GWN-38A	21010-50T25
SQH40	3500	FD35T	DTB	89.05-90.06	GWN-38A	21010-50T25
SQH40	3500	FD35T	DTB	89.05-91.10	GWN-38A	21010-50T26
VSH40	3500	FD35	DIE	89.05-91.10	GWN-38A	21010-50T26
H41,S41	4200	FD42	DIE	91.10-94.12	GWN-78A	21010-0T025
H41,S41	4600	FD46	DIE	92.01-94.12	GWN-78A	21010-0T025
					GWN-16F	21082-T6400

AUSTER

T11	1600	CA16S	GAS	81.06-83.05	GWN-20A	21010-D0125
T11	1600	CA16S	GAS	81.06-85.11	GWN-20A	21010-D01Y6
T12	1600	CA16S	GAS	85.10-88.01	GWN-20A	21010-D01Y6
T12	1600	CA16S	GAS	85.10-89.12	GWN-35A	21010-06E25
T12	1600	CA16S	GAS	88.01-89.12		21010-06EY6
PT11	1800	CA18E	EGI	81.06-83.05	GWN-20A	21010-D0125
PT11	1800	CA18E	EGI	81.06-85.11	GWN-20A	21010-D01Y6
PT11	1800	CA18S	GAS	81.06-83.05	GWN-20A	21010-D0125
PT11	1800	CA18S	GAS	81.06-85.11	GWN-20A	21010-D01Y6
PT12	1800	CA18DT	TBO	85.10-88.01	GWN-31A	21010-50VY5

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AUSTER

PT12	1800	CA18DT	TBO	85.10-89.12	GWN-35A	21010-06E25
PT12	1800	CA18ET	TBO	85.10-88.01	GWN-35A	21010-06E25
PT12	1800	CA18ET	TBO	85.10-88.01	GWN-20A	21010-D01Y6
PT12	1800	CA18I	EI	85.10-88.01	GWN-20A	21010-D01Y6
PT12	1800	CA18I	EI	85.10-89.12	GWN-35A	21010-06E25
PT12	1800	CA18DE	EGI	88.01-89.12	GWN-35A	21010-06E25
PT12	1800	CA18DE	EGI	88.01-89.12		21010-06EY6
PT12	1800	CA18DT	TBO	88.01-89.12		21010-06EY6
PT12	1800	CA18I	EI	88.01-89.12		21010-06EY6

AVENIR

VENW10	1600	GA16DS	GAS	90.10-99.06	GWN-42A	21010-0M302
VEW10	1600	GA16DS	GAS	90.05-99.06	GWN-42A	21010-0M302
W10	1800	SR18DI	EI	90.05-93.01	GWN-48A	21010-53J05
W10	1800	SR18DE	EGI	93.01-98.08	GWN-48A	21010-53J05
W11	1800	QG18DE	EGI	98.08-05.09	GWN-73A	21010-4M526
PNW10	2000	SR20DT	TBO	95.08-98.08	GWN-48A	21010-53J05
PNW10,PW10	2000	SR20DE	EGI	90.05-98.08	GWN-48A	21010-53J05
PNW11	2000	SR20DT	TBO	98.08-02.08	GWN-48A	21010-53J05
PNW11,PW11	2000	SR20DE	EGI	98.08-02.08	GWN-48A	21010-53J05
RNW11,RW11	2000	QR20DE	EGI	02.08-05.09	GWN-86A	21010-6N226
SW10	2000	CD20T	DTB	93.01-98.08	GWN-52A	21010-57J01
SW10	2000	CD20T	DTB	95.08-98.08	GWN-52A	21010-57J28
SW11	2000	CD20ET	DTB	98.08-00.05	GWN-52A	21010-57J28
VSW10	2000	CD20	DIE	90.05-93.01	GWN-52A	B1010-57J26
VSW10	2000	CD20	DIE	90.05-99.06	GWN-52A	21010-57J01
VSW10	2000	CD20	DIE	95.08-99.06	GWN-52A	21010-57J28

BASALA

JNU30,JU30	2400	KA24DE	EGI	99.11-01.08	GWN-50A	21010-1E403
JTNU30,JTU30	2500	QR25DE	EGI	01.08-03.06	GWN-86A	21010-6N226
JVNU30,JVU30	2500	YD25DT	DTB	99.11-01.08	GWN-76A	B1010-AD226
JHU30	3000	VQ30DE	EGI	99.11-03.06	GWN-51A	21010-31U28
JHU30	3000	VQ30DE	EGI	01.08-03.06	GWN-51A	21010-31U85

Be-1

BK10	1000	MA10S	GAS	87.01-88.05	GWN-29A	21010-01BY9
K10	1000	MA10S		87.01-88.05	GWN-29A	21010-01B28

BLUEBIRD

510	1300	L13		67.01-70.12	GWN-03A	21010-21028
510	1300	L13		67.01-70.12	GWN-12AF	21010-23028
510	1400	L14		70.01-72.12	GWN-03A	21010-21028
510	1400	L14		70.01-72.12	GWN-12AF	21010-23028
811	1600	Z16		78.08-79.09	GWN-03A	21010-21028
910	1600	L16S		79.10-81.12	GWN-23AF	21010-N5829
910	1600	Z16S		79.10-84.01	GWN-23AF	21010-N5829
910	1600	CA16S		82.10-83.10	GWN-31A	21010-W4426
510,610,611,810	1600	L16		67.01-78.07	GWN-03A	21010-21028
510,610,611,810	1600	L16		67.01-78.07	GWN-12AF	21010-23028
811	1600	Z16S		78.08-79.09	GWN-12AF	21010-23028
J910	1600	Z16S	GAS	79.10-82.09	GWN-23AF	B1010-80W27
RJ910	1600	CA16S	GAS	82.10-83.12	GWN-31A	21010-50VY5
RU11	1600	CA16S	GAS	83.10-87.09	GWN-20A	21010-D01Y6
RU11	1600	CA16S	GAS	85.08-87.09	GWN-35A	21010-06E25
U11	1600	CA16S		83.10-86.07	GWN-20A	21010-D0126
U11	1600	CA16S		86.07-89.10	GWN-35A	21010-06E25
U11(VAN)	1600	CA16S		89.10-94.12		21010-71E26
U12	1600	CA16S		87.09-88.11	GWN-35A	21010-06E26
U12	1600	CA16S	GAS	87.09-89.10	GWN-35A	21010-06E25
U12	1600	CA16S	GAS	87.09-91.08		21010-06EY6
U12	1600	CA16S		88.12-94.12		21010-71E27

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BLUEBIRD

U13	1600	GA16DS		91.09-94.12	GWN-42A	21010-03M00
U13	1600	GA16DS	GAS	91.09-95.11	GWN-42A	21010-0M302
VJ910	1600	Z16S	GAS	82.01-83.10	GWN-23AF	B1010-80W27
VRU11	1600	CA16S	GAS	83.10-89.10	GWN-20A	21010-D01Y6
VRU11	1600	CA16S	GAS	85.08-89.10	GWN-35A	21010-06E25
VRU11	1600	CA16S	GAS	89.10-90.05		21010-06EY6
VTJ910	1600	L16S	GAS	79.12-81.12	GWN-23AF	B1010-80W27
811	1800	Z18		78.08-79.09	GWN-03A	21010-21028
910	1800	Z18		79.10-84.01	GWN-23AF	21010-N5829
910	1800	CA18S/E		82.10-83.10	GWN-31A	21010-W4426
910	1800	Z18P		84.01-94.12	GWN-05A	21010-P7528
510,610,611,810	1800	L18		70.01-78.07	GWN-03A	21010-21028
510,610,611,810	1800	L18		70.01-78.07	GWN-12AF	21010-23028
811	1800	Z18		78.08-79.09	GWN-12AF	21010-23028
ENU12,EU12	1800	SR18DI	TWC	89.10-91.08	GWN-48A	21010-53J05
ENU13,EU13	1800	SR18DE	EGI	91.09-95.11	GWN-48A	21010-53J05
ENU14	1800	SR18DE	EGI	96.01-01.08	GWN-48A	21010-53J05
EU14	1800	SR18DE	EGI	96.01-98.09	GWN-48A	21010-53J05
P910	1800	Z18E	EGI	79.10-82.09	GWN-23AF	B1010-80W27
P910	1800	Z18ET	TBO	80.03-83.10	GWN-23AF	B1010-80W27
P910,PJ910	1800	Z18S	GAS	79.10-82.09	GWN-23AF	B1010-80W27
PC910	1800	Z18P	LPG	85.02-93.06	GWN-05A	21010-W3688
PJ910	1800	Z18P	LPG	79.10-83.12	GWN-23AF	B1010-80W27
PJ910	1800	Z18P	LPG	84.01-85.01	GWN-05A	21010-W3688
QU14	1800	QG18DD	DI	98.09-01.08	GWN-73A	21010-4M526
QU14	1800	QG18DE	EGI	98.09-01.08	GWN-73A	21010-4M526
RNU12	1800	CA18DT	TBO	87.09-89.10	GWN-35A	21010-06E25
RNU12	1800	CA18DT	TBO	87.09-89.10		21010-06EY6
RNU12	1800	CA18I	EI	87.09-89.10		21010-06EY6
RNU12,RU12	1800	CA18DE	EGI	87.09-89.10	GWN-35A	21010-06E25
RNU12,RU12	1800	CA18DE	EGI	87.09-89.10		21010-06EY6
RNU12,RU12	1800	CA18I	EI	87.09-89.10	GWN-35A	21010-06E25
RU12	1800	CA18I	EI	87.09-91.08		21010-06EY6
TEU13	1800	SR18DE	EGI	91.09-93.08	GWN-48A	21010-53J05
U11	1800	CA18E	EGI	83.10-87.09	GWN-20A	21010-D01Y6
U11	1800	CA18ET	TBO	83.10-87.09	GWN-20A	21010-D01Y6
U11	1800	CA18S	GAS	83.10-87.09	GWN-20A	21010-D01Y6
U11	1800	CA18S/E/ET/DET		83.10-85.08	GWN-20A	21010-D0126
U11	1800	CA18DET		85.08-86.10	GWN-31A	21010-W4426
U11	1800	CA18DT	TBO	85.08-87.09	GWN-35A	21010-06E25
U11	1800	CA18DT	TBO	85.08-87.09	GWN-31A	21010-50VY5
U11	1800	CA18E	EGI	85.08-87.09	GWN-35A	21010-06E25
U11	1800	CA18ET	TBO	85.08-87.09	GWN-35A	21010-06E25
U11	1800	CA18S	GAS	85.08-87.09	GWN-35A	21010-06E25
U11	1800	CA18S/E/ET		85.08-86.07	GWN-20A	21010-D0126
U11	1800	CA18S/E/ET		86.07-87.09	GWN-35A	21010-06E25
U11	1800	CA18DET		86.10-87.09	GWN-35A	21010-06E25
U11	1800	CA18S/ET		87.09-89.10	GWN-35A	21010-06E25
U11	1800	CA18S/ET		89.10-94.12		21010-71E26
U12	1800	CA18D/DT		87.09-89.10	GWN-35A	21010-06E25
U12	1800	CA18I		87.09-88.11	GWN-35A	21010-06E25
U12	1800	CA18I		88.12-94.12		21010-71E27
U12	1800	SR18DI		89.10-94.12	GWN-48A	21010-53J00
U13	1800	SR18DE		91.09-94.12	GWN-48A	21010-53J00
U910	1800	CA18E	EGI	82.10-83.12	GWN-31A	21010-50VY5
U910,WUJ910	1800	CA18S	GAS	82.10-83.10	GWN-31A	21010-50VY5
UJ910	1800	CA18S	GAS	82.10-83.12	GWN-31A	21010-50VY5
WPJ910	1800	Z18S	GAS	79.12-82.09	GWN-23AF	B1010-80W27
WU11	1800	CA18ET	TBO	83.10-90.05	GWN-20A	21010-D01Y6
WU11	1800	CA18S	GAS	83.10-90.05	GWN-20A	21010-D01Y6
WU11	1800	CA18ET	TBO	85.08-90.05	GWN-35A	21010-06E25
WU11	1800	CA18ET	TBO	85.08-90.05		21010-06EY6

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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BLUEBIRD

WU11	1800	CA18S	GAS	85.08-90.05	GWN-35A	21010-06E25
WU11	1800	CA18S	GAS	85.08-90.05		21010-06EY6
910	2000	Z20E/S		79.10-84.01	GWN-23AF	21010-N5827
910	2000	LD20	DIE	80.03-81.12		21010-W1786
910	2000	LD20(T)	DIE	82.01-85.03		21010-G3626
910	2000	LD20(T)	DIE	82.01-85.03		21010-W3425
910	2000	LD20	DIE	85.03-88.02		21010-02C25
910	2000	LD20	DIE	88.02-94.12	GWN-57A	21010-G5586
EJ910	2000	LD20	DIE	80.04-88.02		BA010-02C25
EJ910	2000	LD20	DIE	80.04-88.02		BA010-G3626
EJ910	2000	LD20T	DTB	82.01-83.10		BA010-02C25
EJ910	2000	LD20T	DTB	82.01-83.10		BA010-G3626
EJ910	2000	LD20	DIE	88.02-93.06	GWN-57A	21010-G81Y5
EJ910,VEJ910	2000	LD20	DIE	80.04-82.09		BA010-G3625
EJ910,VEJ910	2000	LD20	DIE	80.04-82.09		BA010-W1788
EU11	2000	LD20	DIE	83.10-87.09	GWN-63A	21010-05E27
HAU12	2000	SR20DE	EGI	91.02-92.04	GWN-48A	21010-53J05
HNU12	2000	SR20DE	TWC	89.10-91.08	GWN-48A	21010-53J05
HNU12	2000	SR20DT	TBO	89.10-91.08	GWN-48A	21010-53J05
HNU12,HU12	2000	SR20DE	EGI	89.10-91.08	GWN-48A	21010-53J05
HNU13	2000	SR20DT	TBO	91.09-95.11	GWN-48A	21010-53J05
HNU13,HU13	2000	SR20DE	EGI	91.09-95.11	GWN-48A	21010-53J05
HNU14,HU14	2000	SR20DE	EGI	96.01-01.08	GWN-48A	21010-53J05
HU14	2000	SR20VE	EGI	97.09-01.08	GWN-48A	21010-53J05
PU11	2000	VG20ET	TBO	84.10-88.10		21010-26EY2
PU11	2000	VG20E	EGI	86.01-88.10		21010-26EY2
SNU13,SU13	2000	CD20	DIE	91.09-95.11	GWN-52A	21010-57J01
SU12	2000	LD20	DIE	87.09-91.08	GWN-63A	21010-05E27
SU14	2000	CD20	DIE	96.01-98.09	GWN-52A	21010-57J01
SU14	2000	CD20	DIE	96.01-98.09	GWN-52A	21010-57J28
SU14	2000	CD20E	DIE	98.09-01.08	GWN-52A	21010-57J28
TSU13	2000	CD20	DIE	91.09-93.08	GWN-52A	21010-57J01
U11	2000	LD20	DIE	83.10-94.12	GWN-63A	21010-05E26
U11	2000	VG20#		84.10-94.12	GWN-36A	21010-26E25
U12	2000	LD20	DIE	87.09-94.12	GWN-63A	21010-05E26
U12	2000	SR20D/DT		89.10-94.12	GWN-48A	21010-53J00
U12	2000	LD20	DIE	91.09-94.12	GWN-52A	21010-57J01
U12	2000	SR20DE/DET		91.09-94.12	GWN-48A	21010-53J00
VEJ910	2000	LD20	DIE	80.04-83.10		BA010-G3626
VEU11	2000	LD20	DIE	83.10-90.05	GWN-63A	21010-05E27
Y910	2000	Z20E	EGI	79.10-82.09	GWN-23AF	B1010-80W27
Y910,YJ910	2000	Z20S	GAS	81.01-83.10	GWN-23AF	B1010-80W27
YU11	2000	CA20S	GAS	83.10-85.08	GWN-20A	21010-D01Y6
PU13	2400	KA24DE	EGI	93.08-95.11	GWN-50A	21010-1E4Y0
U13	2400	KA24DE		93.08-	GWN-50A	21010-1E400
					GWN-33F	21082-Y7001
					GWN-33F	21082-W3601
					GWN-33F	21082-W3661
					GWN-33F	21082-G5560
					GWN-31F	21082-W4401
					GWN-31F	21082-W4402

BLUEBIRD SYLPHY

FG10	1500	QG15DE	EGI	00.08-05.12	GWN-73A	21010-4M526
G11	1500	HR15DE	EGI	05.12-09.05		21010-ED00A
G11	1500	HR15DE	EGI	05.12-14.01	GWN-89A	B1010-ED00A
NG11	1500	HR15DE	EGI	05.12-09.05	GWN-87A	21010-ED325
NG11	1500	HR15DE	EGI	05.12-14.01	GWN-88A	21010-EE025
QG10,QNG10	1800	QG18DE	EGI	00.08-05.12	GWN-73A	21010-4M526
KG11	2000	MR20DE	EGI	05.12-14.01	GWN-90A	B1010-1GZ0A
TG10	2000	QR20DD	DI	00.08-05.12	GWN-86A	21010-6N226

NISSAN

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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CABALL/CLIPPER/BISON

340341	2000	H20		76.05-82.08		21010-J5025
340341	3000	ED30	DIE	76.05-82.08		21010-J2025
340341	3300	ED33	DIE	80.06-81.12		21010-J2025

CABSTER/HOMER

320	1200	D12		69.01-72.12		21010-B0725
321	1300	J		70.01-75.12	GWN-01A	21010-13226
321,F20	1500	J15		70.01-79.08	GWN-01A	21010-13226
641	1600	R		67.01-73.12		21010-85025
T20,F21	1600	J16		73.01-81.12	GWN-01A	21010-13226
F20	2000	H20		76.01-79.08		21010-B8525
F21	2000	H20		79.09-81.12		21010-B8625
F20	2200	SD22	DIE	76.01-79.08	GWN-10A	21010-37528
F21	2200	SD22	DIE	79.09-81.12	GWN-19A	21010-31W25
F22	2300	TD23	DIE	86.11-92.01	GWN-47AF	21010-02N88

CARAVAN

CPGE24,VPE24,VPGE24	2000	KA20DE	EGI	99.06-01.04	GWN-54A	21010-85G27
VPE25	2000	KA20DE	EGI	01.04-07.08		21010-VW027
VRE25	2000	QR20DE	EGI	07.08-14.01		21010-EA010
CYGE24,DYGE24,VYE24,VYGE24	2300	TD23	DIE	86.09-88.09		B1010-J2N26
CQGE24	2400	KA24DE	EGI	99.06-01.04	GWN-40A	B1010-40F27
CQGE24	2400	KA24DE	EGI	99.06-01.04		B1010-VJ226
CQGE25,DQGE25	2400	KA24DE	EGI	01.04-07.08		21010-VW126
QE25	2400	KA24DE	EGI	03.05-07.08		21010-VW126
QGE25	2400	KA24DE	EGI	01.11-07.08		21010-VW126
CSGE25,DSGE25,SGE25	2500	QR25DE	EGI	07.08-14.01		21010-EA010
SE25	2500	QR25DE	EGI	07.08-08.12		21010-EA010
CWGE25,CWMGE25,DWGE25	3000	ZD30DD	EDI	01.04-04.08		B1010-VW20A
DWMGE25	3000	ZD30DD	EDI	01.04-04.08		B1010-VW20A
CWGE25,CWMGE25,DWGE25	3000	ZD30DD	DTB	07.08-14.01		B1010-VZ20A
DWMGE25	3000	ZD30DD	DTB	07.08-14.01		B1010-VZ20A
CWGE25,DWGE25,VWE25	3000	ZD30DD	DTB	02.09-14.01		B1010-VW20A
CWMGE25,DWMGE25,VWME25	3000	ZD30DD	DTB	03.05-14.01		B1010-VW20A
VWE25,VWME25	3000	ZD30DD	EDI	01.04-04.08		B1010-VW20A
VWE25,VWME25	3000	ZD30DD	DTB	07.08-14.01		B1010-VZ20A
CWGE24,DWGE24,VWE24,VWGE24	3200	QD32	DIE	97.05-01.04	GWN-47AF	B1010-VH00A
CWMGE24,VWMGE24	3200	QD32	DIE	97.05-01.04		21010-VH028
VWME24	3200	QD32	DIE	99.06-01.04		21010-VH028

CARAVAN/HOMY

E20	1500	J15		73.01-79.10	GWN-01A	21010-13226
E20/21	1600	J16		73.01-80.07	GWN-01A	21010-13226
E23	1600	J16		80.08-82.04		21010-03W25
VBE23	1600	J16	GAS	80.08-82.04		21010-03W25
E23	1800	Z18		82.05-86.09	GWN-05A	21010-W3626
VNE23	1800	Z18	GAS	82.05-86.09	GWN-05A	21010-W3688
CHGE23,DHGE23,FHGE23,VHGE23	2000	Z20	GAS	82.05-86.09	GWN-05A	21010-W3688
CHGE24,DHGE24,FHGE24	2000	Z20	GAS	86.09-90.08	GWN-05A	21010-W3688
VHE24,VHGE24	2000	Z20	GAS	86.09-90.08	GWN-05A	21010-W3688
CPGE23,DPGE23,FPGE23,VPGE23	2000	H20	GAS	80.08-82.04	GWN-18A	21010-R9026
CTGE24,VTE24,VTGE24	2000	NA20S	GAS	90.08-99.06	GWN-54A	21010-85G27
DTGE24,FTGE24	2000	NA20S	GAS	90.08-93.05	GWN-54A	21010-85G27
E20/21	2000	H20		75.11-78.12		21010-B8525
E21	2000	H20		79.01-80.07		21010-B8625
E21/23	2000	H20		80.08-82.04	GWN-18A	21010-R9026
E22	2000	Z20		79.01-80.07	GWN-05A	21010-W3626
E23	2000	Z20		80.08-86.09	GWN-05A	21010-P7527
E23	2000	LD20T	DIE	82.05-86.09		21010-R8425
E24	2000	LD20T	DIE	86.09-90.10	GWN-57A	21010-G5586
E24	2000	Z20(S)		86.09-94.12	GWN-05A	21010-W3686
E24	2000	NA20S		90.08-94.12	GWN-54A	21010-85G25

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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CARAVAN/HOMY

KHE23,KHGE23	2000	Z20	GAS	80.08-86.09	GWN-05A	21010-W3688
KHE24,KHGE24	2000	Z20	GAS	86.09-93.05	GWN-05A	21010-W3688
KHE24,KHGE24	2000	Z20S	GAS	93.05-95.08	GWN-05A	21010-W3688
KSE23,KSGE23	2000	LD20T	DTB	82.05-86.09		BA010-R8427
KSE23,KSGE23	2000	LD20T	DTB	82.05-86.09		BA010-R8487
KSE24,KSGE24	2000	LD20T	DTB	86.09-90.10	GWN-57A	21010-G81Y5
CRGE23,DRGE23,KRE23,KRGE23	2200	SD22	DIE	80.08-82.04	GWN-10A	21010-37585
E23	2200	SD22	DIE	78.04-82.04	GWN-10A	21010-37528
VRE23,VRGE23	2200	SD22	DIE	80.08-82.04	GWN-10A	21010-37585
CYGE23,DYGE23,VYE23,VYGE23	2300	SD23	DIE	82.05-86.09	GWN-10A	21010-37585
CYGE24,DYGE24,VYE24,VYGE24	2300	TD23	DIE	86.09-88.09	GWN-47AF	B1010-02N1B
E23	2300	SD23	DIE	82.05-86.09	GWN-10A	21010-37528
E24	2300	TD23	DIE	86.09-90.08		21010-02N28
ARE24	2700	TD27TI	DTB	90.10-95.08		B1010-J2N26
ARE24	2700	TD27TI	DTB	95.08-97.05	GWN-47AF	B1010-VH00A
ARGE24	2700	TD27TI	DTB	95.08-99.06	GWN-47AF	B1010-VH00A
ARGE24	2700	TD27	DIE	97.05-99.06	GWN-47AF	B1010-VH00A
ARGE24,CRGE24,DRGE24	2700	TD27	DIE	87.10-95.08		B1010-J2N26
ARME24	2700	TD27TI	DTB	95.08-97.05		B1010-65N94
ARME24,ARMGE24	2700	TD27TI	DTB	90.10-95.08		21010-21NY6
ARMGE24	2700	TD27TI	DTB	95.08-99.06		B1010-65N94
CRGE24,DRGE24,VRE24,VRGE24	2700	TD27	DIE	95.08-97.05	GWN-47AF	B1010-VH00A
CRMGE24	2700	TD27	DIE	90.10-95.08		21010-21NY6
CRMGE24	2700	TD27	DIE	95.08-96.09		B1010-65N94
E24	2700	TD27	DIE	87.10-88.10		21010-21N26
E24	2700	TD27	DIE	87.10-89.04		21010-02N27
E24	2700	TD27(T,TI)	DIE	88.10-94.12		21010-02N28
E24	2700	TD27(T,TI)	DIE	88.10-94.12		21010-21N27
KRE24	2700	TD27T	DTB	88.10-93.05		B1010-J2N26
KRE24,KRGE24	2700	TD27	DIE	90.10-95.08		B1010-J2N26
KRE24,KRGE24	2700	TD27	DIE	95.08-99.06	GWN-47AF	B1010-VH00A
KRE24,KRGE24	2700	TD27TI	DTB	97.05-99.06	GWN-47AF	B1010-VH00A
KRME24	2700	TD27T	DTB	88.10-93.05		21010-21NY6
KRME24,KRMGE24	2700	TD27	DIE	95.08-99.06		B1010-65N94
KRME24,VRMGE24	2700	TD27	DIE	87.10-95.08		21010-21NY6
KRMGE24	2700	TD27	DIE	88.10-95.08		21010-21NY6
VRE24	2700	TD27	DIE	90.08-95.08		B1010-J2N26
VRGE24	2700	TD27	DIE	88.10-95.08		B1010-J2N26
VRMGE24	2700	TD27	DIE	95.08-97.05		B1010-65N94
AEGE24	3000	VG30E	EGI	88.10-99.06	GWN-59A	21010-10V28
E24	3000	VG30E		88.10-94.12	GWN-59A	21010-10V25
FEGE24	3000	VG30E	EGI	93.05-99.06	GWN-59A	21010-10V28
KEE24	3000	VG30E	EGI	88.10-97.05	GWN-59A	21010-10V28
CWGE24,VWE24,VWGE24	3200	QD32	DIE	96.08-97.05		21010-F5N25
CWMGE24,VWMGE24	3200	QD32	DIE	96.08-97.05		21010-F5N26
					GWN-16F	21082-R8100
					GWN-33F	21082-R9210
					GWN-33F	21082-Y7061

CEDRIC

BJY31,CBJY31	2000	VG20P	LPG	04.01-07.07	GWN-59A	21010-10V28
CMJY31,MJY31	2000	RB20P	LPG	91.06-02.08		21010-53V27
CY31	2000	VG20E	EGI	90.08-02.08	GWN-59A	21010-10V28
QJY31	2000	NA20P	LPG	91.06-14.01		21010-VR026
Y31	2000	VG20E	EGI	87.06-02.08	GWN-59A	21010-10V28
UJY31,UY31	2800	RD28E	DIE	99.08-02.08	GWN-68A	B1010-V7286
PAY31,PY31,YPY31	3000	VG30E	EGI	87.06-02.08	GWN-59A	21010-10V28

CEDRIC/GLORIA/CIMA

230	2000	H20		69.01-75.06	GWN-06A	21010-78226
430	2000	Z20P		79.06-82.02	GWN-12AF	21010-N8527
430	2000	Z20P		82.03-83.05	GWN-23AF	21010-N5827

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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CEDRIC/GLORIA/CIMA

230,430	2000	SD20	DIE	69.01-83.06	GWN-10A	21010-37528
330,331	2000	H20		75.06-79.06		21010-Y4425
332,430	2000	L20(E,S,PET)		78.10-87.06	GWN-05A	21010-W3626
230,330,331	2000	H20		69.01-78.09	GWN-05A	21010-E3028
Y30	2000	CA20#		83.06-94.12	GWN-31A	21010-50V25
Y30	2000	VG20#		83.06-94.12	GWN-28A	21010-V5025
Y30	2000	L20P		84.02-84.09	GWN-05A	21010-P7527
Y31	2000	CA20P		87.06-94.12	GWN-31A	21010-50V25
Y31	2000	RB20P		87.06-94.12	GWN-32A	21010-42L26
Y31	2000	VG20DT		87.06-94.12	GWN-69A	21010-F6526
Y31/32	2000	VG20E		87.06-94.12	GWN-59A	21010-10V25
	2000				GWN-31F	21082-W4402
330	2200	SD22	DIE	76.07-79.06	GWN-10A	21010-37528
230	2600	L26		71.01-76.06	GWN-05A	21010-E3028
430	2800	LD28	DIE	79.10-83.06	GWN-05A	21010-V0726
330331	2800	L28		75.06-78.09	GWN-05A	21010-E3028
332430	2800	L28(E)		78.10-83.06	GWN-05A	21010-W3626
Y30	2800	LD28	DIE	83.06-85.06		21010-50L26
Y30	2800	RD28	DIE	85.06-94.12	GWN-68A	21010-V7226
Y31	2800	RD28	DIE	87.06-94.12	GWN-68A	21010-V7228
Y32	2800	RD28	DIE	91.06-93.06	GWN-68A	21010-V7228
Y32	2800	RD28	DIE	93.06-94.12	GWN-68A	21010-81T25
Y30	3000	VG30#		83.06-94.12	GWN-28A	21010-V5025
Y31	3000	VG30D		88.01-94.12		21010-22P25
Y31	3000	VG30DT		88.01-94.12	GWN-69A	21010-F6526
Y31/32	3000	VG30E#		87.06-94.12	GWN-59A	21010-10V25
Y32	3000	VG30DET		9..09-94.12	GWN-95A	21010-0P526
Y32	3000	VG30D		91.06-94.12	GWN-95A	21010-0P526
Y32	3000	VG30DT		91.06-94.12	GWN-95A	21010-0P526
Y32	4100	VH41DE		91.08-94.12		21010-1P101
				84.02-84.06	GWN-16F	21082-S8205
				84.06-94.12	GWN-16F	21082-V6860
				87.06-90.08	GWN-31F	21082-W4405
				90.08-94.12		21082-W4415
					GWN-16F	21082-S8201
					GWN-33F	21082-Y7061

CEFIRO

A31	2000	RB20E/D/DT		88.09-93.06	GWN-32A	21010-42L26
A31	2000	RB20E/D/DT		93.06-94.12	GWN-70A	21010-70T25
A31,CA31	2000	RB20DE	EGI	88.09-92.06	GWN-70A	21010-70TY5
A31,CA31	2000	RB20DT	TBO	88.09-92.06	GWN-70A	21010-70TY5
A31,CA31	2000	RB20E	EGI	88.09-92.06	GWN-70A	21010-70TY5
A32	2000	VQ20DE		94.08-94.12	GWN-51A	21010-31U25
A32	2000	VQ20DE	EGI	94.08-98.12	GWN-51A	21010-31U28
A33	2000	VQ20DE	EGI	98.12-02.08	GWN-51A	21010-31U28
A33	2000	VQ20DE	EGI	01.01-03.03	GWN-51A	21010-31U85
LA31	2000	RB20DE	EGI	92.06-94.08	GWN-70A	21010-70TY5
LA31	2000	RB20E	EGI	92.06-94.08	GWN-70A	21010-70TY5
LA31,LCA31,LNA31	2000	RB20DT	TBO	92.06-94.08	GWN-70A	21010-70TY5
NA31	2000	RB20DT	TBO	90.08-92.06	GWN-70A	21010-70TY5
WA32	2000	VQ20DE	EGI	97.06-00.08	GWN-51A	21010-31U85
A31	2500	RB25D		92.06-93.06	GWN-32A	21010-42L26
A31	2500	RB25D		93.06-94.12	GWN-70A	21010-70T25
A32	2500	VQ25DE		94.08-94.12	GWN-51A	21010-31U25
EA31,ECA31	2500	RB25DE	EGI	92.06-94.08	GWN-70A	21010-70TY5
PA32	2500	VQ25DE	EGI	94.08-98.12	GWN-51A	21010-31U28
PA33	2500	VQ25DD	DI	98.12-02.08	GWN-51A	21010-31U28
PA33	2500	VQ25DD	DI	01.01-02.08	GWN-51A	21010-31U85
WPA32	2500	VQ25DE	EGI	97.06-00.08	GWN-51A	21010-31U85
A32	3000	VQ30DE		94.08-94.12	GWN-51A	21010-31U25
HA32	3000	VQ30DE	EGI	94.08-98.12	GWN-51A	21010-31U28

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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CEFIRO

WHA32	3000	VQ30DE	EGI	97.06-99.08	GWN-51A	21010-31U85
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CHERRY

E10	1000	A10		71.10-73.01	GWN-02A	21010-M0125
E10	1000	A10		73.03-75.10	GWN-02A	21010-M6626
E10	1200	A12		71.10-73.03	GWN-02A	21010-M0125
E10	1200	A12		73.03-74.09	GWN-02A	21010-M6626
E10/11	1200	A12		74.09-78.04	GWN-02A	21010-M6626
F10/11	1400	A14		74.09-78.04	GWN-02A	21010-M6626

CIMA

FHY33	3000	VQ30DT	TBO	96.06-01.01	GWN-51A	21010-31U28
FPAY31,FPY31	3000	VG30DE	EGI	88.01-91.08		B1010-22P27
FPAY31,FPY31	3000	VG30DT	TBO	88.01-91.08	GWN-69A	21010-F65Y8
FPY32	3000	VG30DT	TBO	93.09-96.06	GWN-95A	B1010-0P529
HF50	3000	VQ30DT	TBO	01.01-07.10	GWN-51A	21010-31U28
HF50	3000	VQ30DT	TBO	02.09-07.10	GWN-51A	21010-31U85
FGDY32,FGY32	4100	VH41DE	EGI	91.08-96.06		B1010-1P128
FGDY33,FGY33	4100	VH41DE	EGI	96.06-01.01		B1010-1P128
FGNY32	4100	VH41DE	EGI	92.09-97.09		B1010-1P128
FGNY33	4100	VH41DE	EGI	97.09-01.01		B1010-1P128
GF50	4500	VK45DD	DI	01.01-03.08		21010-AR025
GF50	4500	VK45DE	EGI	03.08-14.01		21010-AR025
GNF50	4500	VK45DD	DI	01.01-03.11		21010-AR025
GNF50	4500	VK45DE	EGI	03.11-14.01		21010-AR025

CIVILIAN

UW40	2200	Z22S	GAS	82.08-88.05	GWN-05A	21010-W3688
VUSW40	2200	Z22S	GAS	84.06-88.05	GWN-05A	21010-W3688
W40	2200	Z22S		82.08-88.05	GWN-05A	21010-P7527
340	3000	ED30	DIE	86.05-94.12		21010-J2025
ECW41,EHW41,EJW41,EVW41	3000	ZD30DD	DTB	08.06-14.01		B1M10-MA70A
340	3300	ED33	DIE	76.05-94.12		21010-J2025
FGW40	3300	FD33T	DTB	84.06-88.05		BA010-T9C25
FGW40,FW40	3300	FD33T	DTB	84.06-88.05	GWN-38A	21010-50T27
MGW40,MW40	3300	ED33	DIE	82.08-88.05		BA010-T9C25
MGW40,MW40	3300	ED33	DIE	82.08-90.06	GWN-38A	21010-50T26
MGW40,MW40	3300	ED33	DIE	82.08-90.06	GWN-38A	21010-50T27
W40	3300	ED33	DIE	82.08-90.06	GWN-38A	21010-01T27
W40	3300	FD33T	DIE	84.06-88.05	GWN-38A	21010-01T27
W40	3300	ED33	DIE	82.08-84.06	GWN-38A	21010-01T27
W40	3300	ED33	DIE	84.06-88.05		21010-T9C25
W40	3300	FD33T	DIE	84.06-88.05		21010-T9C25
W40	3300	ED33	DIE	88.05-90.06	GWN-38A	21010-01T26
BGW40,BW40	3500	ED35	DIE	90.06-99.02	GWN-38A	21010-50T26
BGW40,BW40	3500	ED35	DIE	90.06-99.02	GWN-38A	21010-50T27
W40	3500	ED35	DIE	90.06-94.12	GWN-38A	21010-50T27
W40	3500	ED35	DIE	90.06-94.12	GWN-38A	21010-50T26
BCW41,BHW41,BJW41,BVW41	4200	TD42	DIE	99.02-04.09		21010-34T29
BHW41,BJW41	4200	TD42T	DTB	99.02-04.09		21010-34T29
RAW40	4200	TD42	DIE	93.04-99.02		21010-34T29
RGW40,RW40,RYW40	4200	TD42	DIE	88.05-99.02		21010-34T29
RGW40,RYW40	4200	TD42T	DTB	95.08-99.02		21010-34T29
W40	4200	TD42	DIE	80.05-94.12		21010-34T26
DCW41,DHW41,DJW41,DVW41	4500	TB45E	EGI	04.09-14.01		21010-VB025
ACW41,AHW41,AJW41,AVW41	4900	4M50T	DTB	04.09-07.08		21010-WK900

CLIPPER

U71T/TP/TY/V,U72T/TP/TY/V	660	3G83	EGI	03.10-14.01	GWN-82A	21010-6A0A0
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CLIPPER RIO

U71W,U72W	660	3G83	EGI	07.06-14.01	GWN-82A	21010-6A0A0
U71W,U72W	660	3G83	TBO	07.06-14.01	GWN-82A	21010-6A0A0

CONDOR

NSQ1F24/2F24	2000	QR20DE	EGI	07.06-14.01		21010-EA010
SH2F23,SH4F23	2000	KA20DE	EGI	99.06-02.08	GWN-54A	21010-85G27
SK2F23,SK4F23	2000	NA20S	GAS	95.06-99.06	GWN-54A	21010-85G27
P6FF23,SP6F23	2700	TD27	DIE	99.06-02.08		B1010-5T11A
SP2F23,SP4F23	2700	TD27	DIE	95.06-02.08		B1010-5T11A
SP8F23	2700	TD27	DIE	95.06-97.08		B1010-5T11A
BJR85A/85AD/85AN,BJS85A	3000	4JJ1	DTB	07.03-14.01		21010-89T0A
BJS85AN,BMR85N/R	3000	4JJ1	DTB	07.06-14.01		21010-89T0A
BKR85A	3000	4JJ1	DTB	07.04-14.01		21010-89T0A
BKR85AD/YN,BNR85AR,BPS85AN	3000	4JJ1	DTB	07.05-14.01		21010-89T0A
BKR85AN/85N/85R,BLR85AN/85N	3000	4JJ1	DTB	07.03-14.01		21010-89T0A
BKS85A,BLR85AR	3000	4JJ1	DTB	07.08-14.01		21010-89T0A
BKS85AD	3000	4JJ1	DTB	07.07-14.01		21010-89T0A
BLS85AR,BMR85AN/85AR	3000	4JJ1	DTB	07.03-14.01		21010-89T0A
BPR75N	3000	4JJ1	DTB	07.04-14.01		21010-89T0B
BPR85AN/AR,BPS85AR	3000	4JJ1	DTB	07.01-14.01		21010-89T0A
DW2S41,LW4YS41,SW2S41	3000	BD30	DIE	91.10-95.05	GWN-47AF	B1010-02N1B
LW2YS41	3000	BD30	DIE	93.10-95.05	GWN-47AF	B1010-02N1B
NSZ1F24/2F24/4F24/5F24	3000	ZD30DD	DTB	07.06-14.01		B1M10-MA70A
NTZ2F24/3F24	3000	ZD30DD	DTB	07.06-14.01		B1M10-MA70A
BKR69CAE	3100	4JG2	DIE	95.06-02.06	GWIS-25A	21010-89TB0
BKR69EA	3100	4JG2	DIE	95.05-14.01	GWIS-25A	21010-89TB0
BKR69EAV	3100	4JG2	DIE	96.07-99.05	GWIS-25A	21010-89TB0
BKR69LAR	3100	4JG2	DIE	95.07-99.05	GWIS-25A	21010-89TB0
BKR69LAV	3100	4JG2	DIE	96.03-99.05	GWIS-25A	21010-89TB0
SR2F23,SR4F23,SR8F23	3200	QD32	DIE	97.08-02.08	GWN-47AF	B1010-6T30A
CMH40,DMH40,MGH40,MH40	3300	ED33	DIE	81.12-86.11	GWN-38A	21010-50T27
CMH40,DMH40,MGH40,MH40	3300	ED33	DIE	82.11-86.11		BA010-T9C25
RMH40,TMH40	3300	ED33	DIE	81.12-86.11	GWN-38A	21010-50T27
RMH40,TMH40	3300	ED33	DIE	82.11-86.11		BA010-T9C25
LE2YS41,LE4YS41	3500	ED35	DIE	93.10-95.05		21010-01T90
SE2S41,TE2S41	3500	ED35	DIE	91.10-95.05		21010-01T90
DG2S41,LG2YS41,LG4YS41,RG2YS41	4200	FD42	DIE	91.10-95.05	GWN-78A	21010-0T025
DG7YS41,LG7YS41,LG8YS41	4200	FD42	DIE	92.11-95.05	GWN-78A	21010-0T025
SG2S41,VG2YS41,ZG4YS41	4200	FD42	DIE	91.10-95.05	GWN-78A	21010-0T025
UG4YS41,VG4YS41	4200	FD42	DIE	92.01-95.05	GWN-78A	21010-0T025
VG3YS41,ZG3YS41	4200	FD42	DIE	93.10-95.05	GWN-78A	21010-0T025
BKR66E/EA/ED/LR	4300	4HF1N	DIE	97.04-02.06	GWN-66A	21010-89TB1
BKR66E/EAV/GAV/LAR/LV	4300	4HF1	DIE	95.06-02.06	GWN-66A	21010-89TB1
BKR66E2N,BPR66LV/PV	4300	4HF1	DIE	95.06-99.05	GWN-66A	21010-89TB1
BKR66E3N/EDN	4300	4HF1	DIE	95.09-02.06	GWN-66A	21010-89TB1
BKR66EA/ED/EP/ER/LAV/LR	4300	4HF1	DIE	95.05-02.06	GWN-66A	21010-89TB1
BKR66EAV	4300	4HF1N	DIE	98.03-02.06	GWN-66A	21010-89TB1
BKR66EAV	4300	4HF1	CNG	99.09-02.03	GWN-66A	21010-89TB1
BKR66EP	4300	4HF1	CNG	99.08-02.03	GWN-66A	21010-89TB1
BKR66GN,BPR66GV/PR	4300	4HF1	DIE	95.08-99.05	GWN-66A	21010-89TB1
BKR66LAR	4300	4HF1N	DIE	97.08-99.05	GWN-66A	21010-89TB1
BKR66LAV	4300	4HF1N	DIE	97.06-99.05	GWN-66A	21010-89TB1
BKR66LAV	4300	4HF1	CNG	00.09-02.03	GWN-66A	21010-89TB1
BKR66LV	4300	4HF1	CNG	99.07-02.03	GWN-66A	21010-89TB1
BKR66LVX	4300	4HF1	DIE	96.10-99.05	GWN-66A	21010-89TB1
BKR81AN/81N,BPR81N	4300	4HF1	CNG	04.07-14.01	GWN-66A	21010-89TB1
BKR81E3N/81E/81LAV	4300	4HF1	CNG	02.11-04.06	GWN-66A	21010-89TB1
BKR81EAV,BPR72LV	4300	4HF1	CNG	02.06-04.06	GWN-66A	21010-89TB1
BKR81EP,BPR72LR	4300	4HF1	CNG	02.05-04.06	GWN-66A	21010-89TB1
BKR81GN	4300	4HF1	CNG	03.08-04.06	GWN-66A	21010-89TB1
BKR81LV	4300	4HF1	CNG	02.09-04.06	GWN-66A	21010-89TB1
BKS66GA	4300	4HF1	DIE	96.01-99.05	GWN-66A	21010-89TB1

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CONDOR

BKS66GAR	4300	4HF1	DIE	97.06-99.05	GWN-66A	21010-89TB1
BKS66GAV	4300	4HF1	DIE	96.05-99.05	GWN-66A	21010-89TB1
BPR66GR	4300	4HF1	DIE	95.07-99.05	GWN-66A	21010-89TB1
BPR66LR	4300	4HF1	DIE	95.05-99.05	GWN-66A	21010-89TB1
BPR72GV	4300	4HF1	CNG	03.07-04.06	GWN-66A	21010-89TB1
BPR72PV	4300	4HF1	CNG	02.08-04.06	GWN-66A	21010-89TB1
BPR81AN	4300	4HF1	CNG	04.11-14.01	GWN-66A	21010-89TB1
BKR71E,BKS71GAR	4600	4HG1	DIE	99.06-02.06	GWN-66A	21010-89TB1
BKR71E2N	4600	4HG1	DIE	97.08-99.05	GWN-66A	21010-89TB1
BKR71E3N	4600	4HG1	DIE	99.04-14.01	GWN-66A	21010-89TB1
BKR71EA	4600	4HG1	DIE	95.08-14.01	GWN-66A	21010-89TB1
BKR71EAV	4600	4HG1	LPG	01.10-02.03	GWN-66A	21010-89TB1
BKR71EAV/EDN	4600	4HG1	DIE	95.09-02.06	GWN-66A	21010-89TB1
BKR71ED	4600	4HG1	DIE	95.05-14.01	GWN-66A	21010-89TB1
BKR71EN	4600	4HG1	DIE	97.07-02.06	GWN-66A	21010-89TB1
BKR71EP	4600	4HG1	LPG	01.06-02.03	GWN-66A	21010-89TB1
BKR71EP,BKS71GA/GAV	4600	4HG1	DIE	99.05-02.06	GWN-66A	21010-89TB1
BKR71ER	4600	4HG1	LPG	01.03-02.03	GWN-66A	21010-89TB1
BKR71ER,BKS71GDR/71GR	4600	4HG1	DIE	95.07-02.06	GWN-66A	21010-89TB1
BPR71GV	4600	4HG1	DIE	95.07-02.06	GWN-66A	21010-89TB1
BKR71ET,BPR71GY	4600	4HG1	DIE	96.05-99.05	GWN-66A	21010-89TB1
BKR71GAV	4600	4HG1	DIE	95.10-14.01	GWN-66A	21010-89TB1
BKR71GN,BPR71PV	4600	4HG1	DIE	95.06-02.06	GWN-66A	21010-89TB1
BKR71LAR/LAV/LR	4600	4HG1	DIE	95.08-02.06	GWN-66A	21010-89TB1
BKR71LAV	4600	4HG1	LPG	01.11-02.03	GWN-66A	21010-89TB1
BKR71LN	4600	4HG1	DIE	99.11-02.06	GWN-66A	21010-89TB1
BKR71LV	4600	4HG1	DIE	95.09-14.01	GWN-66A	21010-89TB1
BKR71LV	4600	4HG1	LPG	02.02-02.03	GWN-66A	21010-89TB1
BKR81AN	4600	4HG1	LPG	04.07-14.01	GWN-66A	21010-89TB1
BKR81E	4600	4HG1	LPG	03.04-04.06	GWN-66A	21010-89TB1
BKR81EAV	4600	4HG1	LPG	02.07-04.06	GWN-66A	21010-89TB1
BKR81EP	4600	4HG1	LPG	02.05-04.06	GWN-66A	21010-89TB1
BKR81GN	4600	4HG1	LPG	02.10-04.06	GWN-66A	21010-89TB1
BKR81LAV	4600	4HG1	LPG	03.01-04.06	GWN-66A	21010-89TB1
BKR82AN/82N	4600	4HV1	CNG	05.05-14.01	GWN-66A	21010-89TB1
BKS71EA/EAD	4600	4HG1	DIE	00.10-02.06	GWN-66A	21010-89TB1
BKS71GAN	4600	4HG1	DIE	98.09-99.05	GWN-66A	21010-89TB1
BKS71LAR	4600	4HG1	DIE	97.04-02.06	GWN-66A	21010-89TB1
BKS71LAV	4600	4HG1	DIE	97.09-02.06	GWN-66A	21010-89TB1
BKS71LN	4600	4HG1	DIE	00.04-02.06	GWN-66A	21010-89TB1
BPR71GDR	4600	4HG1	DIE	95.05-99.05	GWN-66A	21010-89TB1
BPR71GR,BPS71LN	4600	4HG1	DIE	95.07-99.05	GWN-66A	21010-89TB1
BPR71LAR/PAV	4600	4HG1	DIE	01.01-02.06	GWN-66A	21010-89TB1
BPR71LAV	4600	4HG1	DIE	00.12-02.06	GWN-66A	21010-89TB1
BPR71LR/LV	4600	4HG1	DIE	95.05-02.06	GWN-66A	21010-89TB1
BPR71LV	4600	4HG1	CNG	99.02-02.03	GWN-66A	21010-89TB1
BPR71PAR	4600	4HG1	DIE	00.08-02.06	GWN-66A	21010-89TB1
BPR71PR	4600	4HG1	DIE	95.05-02.05	GWN-66A	21010-89TB1
BPR72GV	4600	4HG1	LPG	03.02-14.01	GWN-66A	21010-89TB1
BPR72LV	4600	4HG1	LPG	02.10-14.01	GWN-66A	21010-89TB1
BPR81AN	4600	4HG1	LPG	05.05-14.01	GWN-66A	21010-89TB1
BPR81N	4600	4HG1	LPG	04.11-14.01	GWN-66A	21010-89TB1
BPR82N	4600	4HV1	CNG	05.06-14.01	GWN-66A	21010-89TB1
BPS71GN	4600	4HG1	DIE	95.09-99.05	GWN-66A	21010-89TB1
RH4YS41,UH4YS41,UH5YS41	4600	FD46	DIE	92.01-95.05	GWN-78A	21010-0T025
VH4YS41	4600	FD46	DIE	92.01-95.05	GWN-78A	21010-0T025
UH3YS41	4600	FD46	DIE	93.10-95.05	GWN-78A	21010-0T025
BKR81A/81AD/81AN/81AR/81N	4800	4HL1	DIE	04.06-14.01	GWN-66A	21010-89TB1
BKR81E/EA/ED/EN/LR,BPR81LR	4800	4HL1	DIE	02.05-14.01	GWN-66A	21010-89TB1
BKR81E3N	4800	4HL1N	DIE	02.08-14.01	GWN-66A	21010-89TB1
BKR81E3N/81EP/81GN/81LN/81LV	4800	4HL1	DIE	02.06-14.01	GWN-66A	21010-89TB1
BKR81EA/81EAV/81ED/81EP	4800	4HL1N	DIE	02.05-14.01	GWN-66A	21010-89TB1

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CONDOR

BKR81EAV/81LAV	4800	4HL1	DIE	02.07-14.01	GWN-66A	21010-89TB1
BKR81GAV	4800	4HL1N	DIE	03.03-14.01	GWN-66A	21010-89TB1
BKR81GAV,BKS81EAV	4800	4HL1	DIE	02.08-14.01	GWN-66A	21010-89TB1
BKR81LAR	4800	4HL1	DIE	02.09-14.01	GWN-66A	21010-89TB1
BKR81LAR/81LAV	4800	4HL1N	DIE	02.05-14.01	GWN-66A	21010-89TB1
BKR81LV	4800	4HL1N	DIE	02.06-14.01	GWN-66A	21010-89TB1
BKR81R,BKS81N,BPR81AN/AR	4800	4HL1	DIE	04.07-14.01	GWN-66A	21010-89TB1
BPS81AN	4800	4HL1	DIE	04.07-14.01	GWN-66A	21010-89TB1
BKS81A,BPS81N	4800	4HL1	DIE	04.10-14.01	GWN-66A	21010-89TB1
BKS81AN	4800	4HL1	DIE	04.06-14.01	GWN-66A	21010-89TB1
BKS81AR	4800	4HL1	DIE	06.02-14.01	GWN-66A	21010-89TB1
BKS81EA	4800	4HL1	DIE	02.06-14.01	GWN-66A	21010-89TB1
BPR81LAR/81LAV/81LV/81PV	4800	4HL1	DIE	02.06-14.01	GWN-66A	21010-89TB1
BKS81EAD/81GAV/81GR/81LAV	4800	4HL1	DIE	02.07-14.01	GWN-66A	21010-89TB1
BKS81GDR	4800	4HL1	DIE	03.07-14.01	GWN-66A	21010-89TB1
BKS81LAR	4800	4HL1	DIE	03.03-14.01	GWN-66A	21010-89TB1
BKS81LN	4800	4HL1	DIE	03.06-14.01	GWN-66A	21010-89TB1
BPR70GDR/LYR	4800	4HE1T	DTB	95.09-99.05	GWN-66A	21010-89TB1
BPR70LR/LV	4800	4HE1T	DTB	95.08-99.05	GWN-66A	21010-89TB1
BPR70PR/PV	4800	4HE1T	DTB	95.07-99.05	GWN-66A	21010-89TB1
BPR70PYR	4800	4HE1T	DTB	96.05-99.05	GWN-66A	21010-89TB1
BPR81DR	4800	4HL1	DTB	04.11-14.01	GWN-66A	21010-89TB1
BPR81GR	4800	4HL1	DIE	02.11-14.01	GWN-66A	21010-89TB1
BPR81GV	4800	4HL1	DIE	03.01-14.01	GWN-66A	21010-89TB1
BPR81N/R	4800	4HL1	DTB	04.07-14.01	GWN-66A	21010-89TB1
BPR81PAR/81PR	4800	4HL1	DIE	02.07-14.01	GWN-66A	21010-89TB1
BPR81PAV	4800	4HL1	DIE	03.04-14.01	GWN-66A	21010-89TB1
BPS81AR	4800	4HL1	DIE	04.08-14.01	GWN-66A	21010-89TB1
BKR72E	5000	4HJ1	DIE	01.02-14.01	GWN-66A	21010-89TB1
BKR72E3N/72GN,BPR72LAV/PAR	5000	4HJ1	DIE	01.04-14.01	GWN-66A	21010-89TB1
BKR72ED	5000	4HJ1	DIE	00.09-02.06	GWN-66A	21010-89TB1
BKR72ED	5000	4HJ1N	DIE	01.09-02.06	GWN-66A	21010-89TB1
BKR72EP/LN	5000	4HJ1	DIE	01.04-02.06	GWN-66A	21010-89TB1
BKR72EV	5000	4HJ1	DIE	01.09-02.06	GWN-66A	21010-89TB1
BKR72LR	5000	4HJ1	DIE	01.08-02.06	GWN-66A	21010-89TB1
BKR72LR	5000	4HJ1N	DIE	02.03-14.01	GWN-66A	21010-89TB1
BKR72LV	5000	4HJ1N	DIE	01.06-02.06	GWN-66A	21010-89TB1
BKR72LV,BPR72LYR	5000	4HJ1	DIE	01.06-02.06	GWN-66A	21010-89TB1
BPR72GDR	5000	4HJ1	DIE	97.05-14.01	GWN-66A	21010-89TB1
BPR72GN	5000	4HJ1	DIE	02.06-14.01	GWN-66A	21010-89TB1
BPR72GR	5000	4HJ1	DIE	97.08-14.01	GWN-66A	21010-89TB1
BPR72GV	5000	4HJ1	DIE	97.09-14.01	GWN-66A	21010-89TB1
BPR72GY	5000	4HJ1	DIE	97.06-02.06	GWN-66A	21010-89TB1
BPR72LAR	5000	4HJ1	DIE	00.09-14.01	GWN-66A	21010-89TB1
BPR72LR/LV/PR/PV,BPS72LN	5000	4HJ1	DIE	97.04-14.01	GWN-66A	21010-89TB1
BPR72PAV	5000	4HJ1	DIE	01.03-14.01	GWN-66A	21010-89TB1
BPR72PYR	5000	4HJ1	DIE	02.02-14.01	GWN-66A	21010-89TB1
BPS72GN	5000	4HJ1	DIE	97.06-14.01	GWN-66A	21010-89TB1
BPS72LAR	5000	4HJ1	DIE	03.09-14.01	GWN-66A	21010-89TB1
BPS72LAV	5000	4HJ1	DIE	04.04-14.01	GWN-66A	21010-89TB1
BPS72PAR/PAV	5000	4HJ1	DIE	03.05-14.01	GWN-66A	21010-89TB1
BPR75GDR	5200	4HK1T	DTB	01.08-02.06		21010-89TA8
BPR75LR/LV/PV	5200	4HK1T	DTB	99.06-14.01		21010-89TA8
BPR75LYR	5200	4HK1T	DTB	99.07-02.06		21010-89TA8
BPR75PR	5200	4HK1T	DTB	99.07-14.01		21010-89TA8
BPR75PYR	5200	4HK1T	DTB	00.04-02.06		21010-89TA8

CREW

HK30	2000	RB20E	EGI	94.01-99.08	GWN-70A	21010-70TY5
HK30	2000	RB20E	EGI	95.02-02.08		21010-75T26
K30(LPG)	2000	NA20P		93.07-94.12		21010-0H625
K30(LPG)	2000	RB20E		94.01-94.12	GWN-70A	21010-70T25

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CREW

QK30	2000	NA20P	LPG	93.07-14.01		21010-VR026
THK30	2000	RB20E	EGI	94.01-02.08	GWN-70A	21010-70TY5
THK30	2000	RB20E	EGI	94.01-02.08		21010-75T26
K30(LPG)	2800	RD28	DIE	93.07-94.12	GWN-68A	21010-V7285
SK30,TSK30	2800	RD28	DIE	93.07-99.08	GWN-68A	B1010-V7286
SK30,TSK30	2800	RD28E	DIE	99.08-02.08	GWN-68A	B1010-V7286

CUBE

ANZ10,AZ10	1300	CGA3DE	EGI	99.11-00.09	GWN-44A	21010-41B01
ANZ10,AZ10	1300	CGA3DE	EGI	99.11-02.10	GWN-44A	21010-41B03
Z10	1300	CG13DE	EGI	98.02-99.11	GWN-44A	21010-41B01
BNZ11	1400	CR14DE	EGI	02.10-08.11	GWN-91A	21010-AX401
BNZ11	1400	CR14DE	EGI	06.12-08.11		21010-AX40A
BZ11	1400	CR14DE	EGI	02.10-08.11	GWN-92A	21010-AX00A
NZ12,Z12	1500	HR15DE	EGI	08.11-14.01	GWN-88A	21010-EE025
YZ11	1500	HR15DE	EGI	05.05-08.11	GWN-89A	B1010-ED00A

CUBE CUBIC

BGZ11	1400	CR14DE	EGI	03.09-08.11	GWN-92A	21010-AX00A
YGNZ11,YGZ11	1500	HR15DE	EGI	05.05-08.11	GWN-87A	21010-ED325
YGNZ11,YGZ11	1500	HR15DE	EGI	06.12-08.11	GWN-88A	21010-EE025
YGZ11	1500	HR15DE	EGI	05.05-08.11	GWN-89A	B1010-ED00A

DATSUN TRUCK

520,521,620	1300	J13		66.01-75.12	GWN-01A	21010-13226
521,620	1500	J15		68.01-79.09	GWN-01A	21010-13226
720	1600	J16		79.09-81.12	GWN-01A	21010-13226
720	1600	Z16		82.01-94.12	GWN-03A	21010-21027
720	1600	J16		80.07-81.12		21010-03W25
720	1600	Z16		83.11-94.12	GWN-23AF	21010-N5829
CD21,CGD21	1600	Z16S	GAS	85.08-89.09		21010-210Y5
CD21,CGD21	1600	Z16S	GAS	85.08-89.09	GWN-23AF	B1010-80W27
D21	1600	Z16S		85.08-89.09	GWN-03A	21010-21028
D21	1600	NA16S		89.09-94.12	GWN-54A	21010-85G25
D21	1600	Z16S		85.08-89.09	GWN-23AF	21010-G3925
D21,GD21	1600	NA16S	GAS	89.09-95.08	GWN-54A	21010-85G27
720	1800	L18		79.09-81.12	GWN-12AF	21010-23025
720	1800	L18		79.09-81.12	GWN-03A	21010-21026
720	1800	L18		80.07-81.12	GWN-23AF	21010-N5828
720	1800	Z18		82.01-94.12	GWN-03A	21010-21026
720	1800	Z18		82.01-94.12	GWN-23AF	21010-N5829
D21	1800	Z18S		85.08-87.08	GWN-03A	21010-21028
D21	1800	Z18S		85.08-87.08	GWN-23AF	21010-N5829
DD21	1800	Z18S	GAS	85.08-87.08		21010-210Y5
DD21	1800	Z18S	GAS	85.08-87.08	GWN-23AF	B1010-80W27
DMD21,DYD21	1800	Z18S	GAS	85.08-86.07		21010-210Y5
DMD21,DYD21	1800	Z18S	GAS	85.08-86.07	GWN-23AF	B1010-80W27
D21	2000	Z20S		86.08-89.09	GWN-03A	21010-21028
D21	2000	NA20S		89.09-94.12	GWN-54A	21010-85G26
D21	2000	NA20S		89.09-94.12	GWN-54A	21010-85G25
D21	2000	Z20S		86.08-89.09	GWN-23AF	21010-N5829
FD21,FGD21	2000	Z20S	GAS	87.08-89.09		21010-210Y5
FD21,FGD21	2000	Z20S	GAS	87.08-89.09	GWN-23AF	B1010-80W27
FMD21,FYD21	2000	Z20S	GAS	86.08-89.09		21010-210Y5
FMD21,FYD21	2000	Z20S	GAS	86.08-89.09	GWN-23AF	B1010-80W27
LPD22,PD22	2000	KA20DE	EGI	99.06-02.08	GWN-54A	21010-85G27
QD21,QGD21,QMD21	2000	NA20S	GAS	89.09-97.01	GWN-54A	21010-85G27
QD22	2000	NA20S	GAS	97.01-99.06	GWN-54A	21010-85G27
QYD21	2000	NA20S	GAS	89.09-92.08	GWN-54A	21010-85G27
SD22	2200	720	DIE	79.09-83.04	GWN-19A	21010-31W25
AD21,AGD21,AMD21	2300	SD23	DIE	85.08-87.08	GWN-37A	21010-10GY6
PD21,PGD21	2300	TD23	DIE	87.08-92.08	GWN-46AF	B1010-2S50A

NISSAN

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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DATSUN TRUCK

PMD21	2300	TD23	DIE	87.08-89.09	GWN-46AF	B1010-2S50A
SD23	2300	D21	DIE	85.08-87.08	GWN-37A	21010-10G25
TD23	2300	D21	DIE	87.08-92.08	GWN-46AF	21010-43G28
LFD22,LFMD22	2400	KA24DE	EGI	99.06-02.08	GWN-40A	B1010-40F27
LFD22,LFMD22	2400	KA24DE	EGI	99.06-02.08		B1010-VJ226
LFMD22	2400	KA24E	EGI	97.01-99.06	GWN-40A	B1010-40F27
LFMD22	2400	KA24E/24DE	EGI	97.01-99.06	GWN-97F	21082-86G0A
TD25	2500	D21	DIE	87.08-	GWN-46AF	21010-43G85
BD21,BGD21	2700	TD27	DIE	92.08-97.01	GWN-46AF	B1010-2S50A
BD22	2700	TD27	DIE	97.01-02.08	GWN-46AF	B1010-2S50A
BMD21	2700	TD27	DIE	88.11-97.01	GWN-46AF	B1010-2S50A
BMD21	2700	TD27T	DTB	92.08-95.08	GWN-65AF	B1010-80G0E
BMD21	2700	TD27T	DTB	92.08-97.01	GWN-65AF	21010-80G26
BMD21,LBMD21	2700	TD27T	DTB	95.08-97.01	GWN-65AF	21010-80G88
LBD22	2700	TD27	DIE	99.06-02.08	GWN-46AF	B1010-2S50A
LBMD21	2700	TD27T	DTB	95.08-97.01	GWN-65AF	21010-80G26
TD27	2700	D21	DIE	88.11-94.12	GWN-46AF	21010-43G28
TD27T	2700	D21	DIE	92.08-94.12	GWN-65AF	21010-80G27
LRMD22	3200	QD32	DIE	97.01-99.06	GWN-46AF	B1010-2S50A
LRMD22	3200	QD32	DIE	97.01-02.08		B1010-2S60A

DUALIS

J10,NJ10	2000	MR20DE	EGI	07.05-14.01	GWN-90A	B1010-1GZ0A
KJ10,KNJ10	2000	MR20DE	EGI	07.12-14.01	GWN-90A	B1010-1GZ0A

ELGRAND

ME51,MNE51	2500	VQ25DE	EGI	04.12-07.10	GWN-93A	21010-AL528
ME51,MNE51	2500	VQ25DE	EGI	04.12-14.01	GWN-93A	B1010-JK00A
TE52,TNE52	2500	QR25DE	EGI	10.08-14.01	GWN-86A	21010-6N226
ATE50,ATWE50	3000	ZD30DT	DTB	99.08-02.05		B1010-VG128
AVE50,AVWE50	3200	QD32ET	DTB	97.05-99.08		B1010-0W80A
ALE50,ALWE50	3300	VG33E	EGI	97.05-02.05	GWN-61A	B1010-0W00J
APE50,APWE50	3500	VQ35DE	EGI	00.08-02.05	GWN-51A	21010-31U28
APE50,APWE50	3500	VQ35DE	EGI	00.08-02.05	GWN-51A	21010-31U85
E51,NE51	3500	VQ35DE	EGI	02.05-14.01	GWN-51A	21010-31U85
E51,NE51	3500	VQ35DE	EGI	04.08-14.01	GWN-51A	21010-31U28
PE52,PNE52	3500	VQ35DE	EGI	10.08-14.01	GWN-93A	B1010-JK00A

EXPERT

VNW11,VW11	1800	QG18DE	EGI	99.06-06.12	GWN-73A	21010-4M526
VENW11,VEW11	2200	YD22DD	DIE	99.06-05.12	GWN-76A	B1010-AD226

FAIRLADY Z

GZ31,Z31	2000	VG20ET	TBO	83.09-86.10	GWN-28A	21010-02P85
PGZ31,PZ31	2000	RB20DT	TBO	85.10-89.07	GWN-32A	21010-58S25
S130	2000	L20		78.07-83.09	GWN-05A	21010-E3028
S30/31	2000	L20		69.01-78.07	GWN-05A	21010-W3626
Z31	2000	VG20T		83.09-86.10	GWN-28A	21010-V5026
Z31	2000	RB20T		85.10-94.12	GWN-32A	21010-58S00
S30	2400	L26		72.01-76.06	GWN-05A	21010-W3626
S30	2600			72.01-76.06	GWN-05A	21010-W3626
S130	2800	L28		78.08-83.09	GWN-05A	21010-W3626
CZ32,GCZ32	3000	VG30DT	TWT	89.07-00.08		B1010-22P27
GZ32,Z32	3000	VG30DE	TWC	89.07-00.08		B1010-22P27
HGZ31,HZ31	3000	VG30ET	TBO	83.09-89.07	GWN-28A	21010-02P85
HGZ31,HZ31	3000	VG30DE	EGI	86.10-89.07		B1010-22P27
HZ32	3000	VG30DE	TWC	92.08-98.10		B1010-22P27
Z31	3000	VG30T		83.09-94.12	GWN-28A	21010-V5026
Z31	3000	VG30D		86.10-94.12		21010-22P25
Z32	3000	VG30DE		89.07-94.12		21010-22P25
HZ33	3500	VQ35DE	EGI	03.10-07.01	GWN-93A	21010-AL528
HZ33,Z33	3500	VQ35HR	EGI	07.01-14.01	GWN-93A	B1010-JK20A

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FAIRLADY Z

Z33	3500	VQ35DE	EGI	02.07-07.01	GWN-93A	21010-AL528
HZ34	3700	VQ37HR	EGI	09.10-14.01	GWN-93A	B1010-JK20A
Z34	3700	VQ37HR	EGI	08.12-14.01	GWN-93A	B1010-JK20A
		(TT)				21082-40P00
					GWN-16F	21082-01P04
					GWN-33F	21082-Y7061

FIGARO

FK10	1000	MA10T	TBO	91.02-92.04	GWN-72A	21010-19BY5
FK10	1000	MA10T/S		91.02-91.12	GWN-72A	21010-19B25

FUGA

Y50	2500	VQ25DE	EGI	04.10-07.12	GWN-93A	21010-AL528
Y50	2500	VQ25DE	EGI	04.10-07.12	GWN-93A	B1010-JK00A
Y50	2500	VQ25HR	EGI	07.12-14.01	GWN-93A	B1010-JK00A
Y51	2500	VQ25HR	EGI	09.11-14.01	GWN-93A	B1010-JK00A
HY51	3500	VQ35HR	EGI	10.11-14.01	GWN-93A	B1010-JK20A
PNY50,PY50	3500	VQ35DE	EGI	04.10-07.12	GWN-93A	21010-AL528
PNY50,PY50	3500	VQ35DE	EGI	04.10-07.12	GWN-93A	B1010-JK00A
PNY50,PY50	3500	VQ35HR	EGI	07.12-14.01	GWN-93A	B1010-JK20A
KNY51,KY51	3700	VQ37VH	EGI	09.11-14.01	GWN-93A	B1010-JK20A
GY50	4500	VK45DE	EGI	05.08-14.01		21010-AR725

Gazelle

JS12	1800	CA18E	EGI	83.08-86.02	GWN-31A	21010-50VY5
JS12	1800	CA18S	GAS	83.08-86.02	GWN-31A	21010-50VY5
S12	1800	CA18ET	TBO	83.08-86.02	GWN-31A	21010-50VY5
US12	2000	FJ20ET	TBO	83.08-86.02		BA010-R2027

GLORIA

CMJY31,MJY31	2000	RB20P	LPG	91.06-99.08		21010-53V27
CY31	2000	VG20E	EGI	90.08-99.08	GWN-59A	21010-10V28
QJY31	2000	NA20P	LPG	91.06-99.08		21010-VR026
Y31	2000	VG20E	EGI	87.06-99.08	GWN-59A	21010-10V28
PAY31,PY31,YPY31	3000	VG30E	EGI	87.06-99.08	GWN-59A	21010-10V28

GLORIA/CEDRIC

CMJY31	2000	RB20P	LPG	89.06-91.06	GWN-70A	21010-70TY5
CY31	2000	VG20DT	TBO	89.06-91.06	GWN-69A	21010-F65Y8
MJY31	2000	RB20P	LPG	87.06-91.06	GWN-70A	21010-70TY5
MY30	2000	L20P	LPG	84.02-87.05	GWN-05A	21010-W3688
NJY31	2000	CA20P	LPG	87.06-91.06	GWN-31A	21010-50VY5
NY30	2000	CA20P	LPG	83.06-87.05	GWN-31A	21010-50VY5
NY30	2000	CA20S	GAS	83.06-87.05	GWN-31A	21010-50VY5
TNJY31	2000	CA20P	LPG	87.12-91.06	GWN-31A	21010-50VY5
TY31	2000	VG20E	EGI	87.12-91.06	GWN-59A	21010-10V28
VNY30	2000	CA20S	GAS	83.06-95.11	GWN-31A	21010-50VY5
VY30	2000	VG20E	EGI	87.12-99.08	GWN-28A	21010-V5028
WY30	2000	VG20E	EGI	83.06-95.11	GWN-28A	21010-02P85
WY30	2000	VG20E	EGI	85.06-99.08	GWN-28A	21010-V5028
Y30	2000	VG20E	EGI	83.06-87.05	GWN-28A	21010-02P85
Y30	2000	VG20ET	TBO	83.06-87.05	GWN-28A	21010-02P85
Y31	2000	VG20DT	TBO	87.06-91.06	GWN-69A	21010-F65Y8
Y32	2000	VG20E	EGI	91.06-95.06	GWN-59A	21010-10V28
Y33	2000	VG20E	EGI	96.01-99.06	GWN-59A	21010-10V28
YY31	2000	VG20E	EGI	91.06-95.08	GWN-59A	21010-10V28
ENY33	2500	RB25DT	TBO	97.06-99.06		21010-21U26
ENY34	2500	RB25DT	TBO	99.06-04.10	GWN-77A	21010-AA527
MY33	2500	VQ25DE	EGI	97.06-99.06	GWN-51A	21010-31U28
MY34	2500	VQ25DD	DI	99.06-01.12	GWN-51A	21010-31U28
MY34	2500	VQ25DD	DI	01.12-04.10	GWN-93A	21010-AL528
CUY31	2800	RD28	DIE	90.08-99.08	GWN-68A	B1010-81T26

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GLORIA/CEDRIC

HY30,VHY30,WHY30	2800	LD28	DIE	83.06-85.06		21010-50LY6
TUJY31	2800	RD28	DIE	87.12-91.06	GWN-68A	B1010-81T26
UJY31	2800	RD28	DIE	87.06-91.06	GWN-68A	B1010-81T26
UJY31	2800	RD28	DIE	91.06-99.08	GWN-68A	B1010-V7286
UY30	2800	RD28	DIE	85.06-87.05	GWN-68A	B1010-81T26
UY31	2800	RD28	DIE	87.06-99.08	GWN-68A	B1010-81T26
UY32	2800	RD28	DIE	91.06-95.06	GWN-68A	B1010-81T26
UY33	2800	RD28	DIE	95.06-99.06	GWN-68A	B1010-81T26
VUY30,WUY30	2800	RD28	DIE	85.06-93.08	GWN-68A	B1010-81T26
HBV33,HY33	3000	VQ30DT	TBO	95.06-99.06	GWN-51A	21010-31U28
HY33	3000	VQ30DE	EGI	95.06-99.06	GWN-51A	21010-31U28
HY34	3000	VQ30DD	DI	99.06-01.12	GWN-51A	21010-31U28
HY34	3000	VQ30DT	TBO	99.06-01.12	GWN-51A	21010-31U28
HY34	3000	VQ30DD	DI	01.12-04.10	GWN-93A	21010-AL528
HY34	3000	VQ30DT	TBO	01.12-04.10	GWN-51A	21010-31U85
PAY31,PY31	3000	VG30ET	TBO	87.06-91.06	GWN-59A	21010-10V28
PAY32,PBY32,PY32	3000	VG30DT	TBO	91.06-95.06	GWN-95A	B1010-0P529
PY30	3000	VG30ET	TBO	84.06-87.05	GWN-28A	21010-02P85
PY30,YPY30	3000	VG30E	EGI	83.06-87.05	GWN-28A	21010-02P85
PY32	3000	VG30DE	TWC	91.06-95.06	GWN-95A	B1010-0P529
PY32	3000	VG30E	EGI	91.06-95.06	GWN-59A	21010-10V28
PY33	3000	VG30E	EGI	95.06-99.06	GWN-59A	21010-10V28

GT-R

R35	3800	VR38DE	TBO	07.11-14.01	GWN-93A	B1010-JK20A
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HOMY

CYGE24,DYGE24,VYGE24	2300	TD23	DIE	86.09-88.09		B1010-J2N26
VYE24	2300	TD23	DIE	86.09-90.08		B1010-J2N26
CWGE24,DWGE24,VWE24,VWGE24	3200	QD32	DIE	97.05-99.06	GWN-47AF	B1010-VH00A
CWMGE24,VWMGE24	3200	QD32	DIE	97.05-99.06		21010-VH028

INFINITI Q45

J30	3000	VG30D		93-97	GWN-95A	B1010-0P529
G50	4500	VH45D		89.10-93.06		21010-60U25
G50	4500	VH45D		93.06-		21010-67U25
G50,HG50	4500	VH45DE	EGI	89.10-93.06		21010-60UY6
G50,HG50	4500	VH45DE	EGI	93.06-98.03		B1010-67U28

JUKE

YF15	1500	HR15DE	EGI	10.06-14.01	GWN-88A	21010-EE025
F15,NF15	1600	MR16DT	TBO	10.11-14.01		B1010-1KC0A

JUNIOR

140,141	1600	R		70.12-89.07	GWN-06A	21010-78226
140,141	2000	H20		70.10-94.12	GWN-06A	21010-78226

KIX

H59A	660	4A30	TBO	08.10-14.01		21010-6A00A
H59A	660	4A30	TBO	08.10-14.01		AY720-MT007

LANGLEY/LIBERTA

BFN13	1500	GA15E	EGI	88.09-90.08	GWN-39A	21010-77AY0
BFN13,BFNN13	1500	GA15S	GAS	88.09-90.08	GWN-39A	21010-77AY0
BHN13	1500	E15E	EGI	86.10-88.08	GWN-24A	21010-50A27
BHN13	1500	E15E	EGI	86.10-88.08	GWN-49A	21010-50AY8
BHN13	1500	E15S	GAS	86.10-88.08	GWN-24A	21010-50A27
BHN13	1500	E15S	GAS	86.10-88.08	GWN-49A	21010-50AY8
BHNN13	1500	E15E	EGI	87.01-88.08	GWN-24A	21010-50A27
BHNN13	1500	E15E	EGI	87.01-88.08	GWN-49A	21010-50AY8
HN12	1500	E15ET	TBO	83.05-86.10	GWN-24A	21010-50A27
BEN13	1600	CA16DE	EGI	86.10-90.08	GWN-35A	21010-06E25

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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LANGLEY/LIBERTA

BEN13	1600	CA16DE	EGI	86.10-90.08		21010-06EY6
BEN13	1600	CA16DE	EGI	86.10-90.08	GWN-31A	21010-50VY5
BSN13	1700	CD17	DIE	86.10-90.08	GWN-55A	BA010-54A26
SN12	1700	CD17	DIE	83.05-86.10	GWN-26A	21010-16AY5
SN12	1700	CD17	DIE	84.05-86.10		21010-16AY7

LARGO

VNW30,VW30	2000	CD20TI	DTB	93.05-96.10	GWN-52A	21010-57J01
VNW30,VW30	2000	CD20TI	DTB	95.08-99.06	GWN-52A	21010-57J28
CW30,NCW30,NW30,W30	2400	KA24DE	EGI	93.05-99.06	GWN-40A	B1010-40F27

LAUREL

130	1800	G18		72.01-76.12		21010-S0126
230	1800	L18		77.01-78.05	GWN-12AF	21010-23028
130,131	1800	L18		75.10-76.12	GWN-03A	21010-21028
130,131	1800	L18		75.10-76.12	GWN-12AF	21010-23028
230,231,C31	1800	Z18(S)		78.10-82.09	GWN-12AF	21010-23028
C31	1800	CA18S		82.10-84.10	GWN-31A	21010-W4426
C31	1800	Z18P		83.10-84.10	GWN-23AF	21010-N5829
C32	1800	CA18P/S		84.10-94.12	GWN-31A	21010-V5525
C33	1800	CA181		88.12-93.01	GWN-31A	21010-V5529
FC33	1800	CA18I	EI	88.12-93.01	GWN-31A	21010-50VY5
FJC32	1800	CA18P	LPG	84.10-93.08	GWN-31A	21010-50VY5
FJC32	1800	CA18S	GAS	84.10-93.08	GWN-31A	21010-50VY5
TFJC32	1800	CA18P	LPG	84.10-88.12	GWN-31A	21010-50VY5
TFJC32	1800	CA18S	GAS	84.10-88.12	GWN-31A	21010-50VY5
130	2000	G20		72.01-76.12		21010-S0126
230	2000	SD20	DIE	78.10-80.10	GWN-10A	21010-37528
130,131,230	2000	L20		72.01-78.09	GWN-05A	21010-E3028
231,C31	2000	L20(E,ET,S)		78.10-84.10	GWN-05A	21010-E3028
231,C31	2000	Z20S		79.10-84.10	GWN-23AF	21010-N5829
C31	2000	LD20	DIE	80.11-81.10		21010-W1729
C31	2000	LD20	DIE	80.11-84.10		21010-W1790
C31	2000	LD20	DIE	81.10-84.10		21010-W3425
C32	2000	RB20E/DT		84.10-94.12	GWN-32A	21010-42L26
C32	2000	VG20T		84.10-88.12	GWN-28A	21010-V5025
C33	2000	RB20E/D/DT		88.12-93.01	GWN-32A	21010-42L26
C34	2000	RB20E/DE		93.01-94.12	GWN-70A	21010-70T25
GC32	2000	VG20ET	TBO	84.10-88.12	GWN-28A	21010-02P85
GC32	2000	VG20ET	TBO	86.10-88.12	GWN-28A	21010-V5028
HC32	2000	RB20E	EGI	84.10-91.10	GWN-70A	21010-70TY5
HC32	2000	RB20DT	TBO	86.10-91.10	GWN-32A	21010-58S25
HC33	2000	RB20E	EGI	88.12-93.01	GWN-70A	21010-70TY5
HC33,HCC33	2000	RB20DE	EGI	88.12-93.01	GWN-70A	21010-70TY5
HC33,HCC33	2000	RB20DT	TBO	88.12-93.01	GWN-70A	21010-70TY5
HC34	2000	RB20DE	EGI	93.01-94.09	GWN-70A	21010-70TY5
HC34	2000	RB20E	EGI	93.01-97.06	GWN-70A	21010-70TY5
HC34	2000	RB20E	EGI	96.05-97.06		21010-75T26
HC35	2000	RB20DE	EGI	97.06-02.08	GWN-74A	21010-5L328
HJC32	2000	RB20E	EGI	84.10-88.12	GWN-70A	21010-70TY5
C33	2500	RB25D		91.10-93.01	GWN-32A	21010-42L25
C34	2500	RB25DE		93.01-94.12		21010-75T25
C34	2500	RB25DET		94.01-94.12		21010-21U25
EC33,ECC33	2500	RB25DE	EGI	91.10-93.01	GWN-70A	21010-70TY5
GC34	2500	RB25DE	EGI	93.01-97.06		21010-75T26
GC34,GCC34	2500	RB25DT	TBO	94.01-97.06		21010-21U26
GC35,GCC35	2500	RB25DT	TBO	97.06-98.09	GWN-74A	21010-5L328
GC35,GCC35	2500	RB25DT	TBO	98.09-02.08	GWN-77A	21010-AA527
GC35,GNC35	2500	RB25DE	EGI	97.06-02.08	GWN-74A	21010-5L328
GCC34	2500	RB25DE	EGI	93.01-94.01		21010-75T26
GNC34	2500	RB25DE	EGI	94.09-97.06		21010-75T26
130	2600	L26		73.01-75.08	GWN-05A	21010-E3028

NISSAN

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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LAUREL

231	2800	L28		78.10-80.10	GWN-05A	21010-W3626
130,230	2800	L28		75.08-78.09	GWN-05A	21010-E3028
C31	2800	L28E		80.11-82.09	GWN-05A	21010-P7526
C31	2800	LD28	DIE	80.11-84.10	GWN-05A	21010-17S25
C32	2800	LD28	DIE	84.10-86.10		21010-50L25
C32	2800	RD28	DIE	86.10-94.12	GWN-68A	21010-V7226
C33	2800	RD28	DIE	88.12-93.01	GWN-68A	21010-V7228
C34	2800	RD28	DIE	93.01-94.12	GWN-68A	21010-81T25
EJC32,TEJC32	2800	LD28	DIE	84.10-86.10		21010-50LY6
SC33	2800	RD28	DIE	88.12-93.01	GWN-68A	B1010-81T26
SC34	2800	RD28	DIE	93.01-97.06	GWN-68A	B1010-81T26
SC35	2800	RD28	DIE	97.06-99.08	GWN-68A	B1010-81T26
SC35	2800	RD28E	DIE	99.08-02.08	GWN-68A	B1010-81T26
SJC32	2800	RD28	DIE	86.10-93.08	GWN-68A	B1010-81T26
TSJC32	2800	RD28	DIE	86.10-88.12	GWN-68A	B1010-81T26
					GWN-16F	21082-S8200
					GWN-16F	21082-S8201
					GWN-31F	21082-W4405
					GWN-33F	21082-Y7061
					GWN-33F	21082-Y4101

LAUREL SPIRIT

FB12,FNB12	1500	GA15E	EGI	87.09-90.03	GWN-39A	21010-77AY0
FB12,FNB12	1500	GA15S	GAS	87.09-90.03	GWN-39A	21010-77AY0
HB11	1500	E15E	EGI	82.01-86.08	GWN-24A	21010-50A27
HB11	1500	E15S	GAS	82.01-86.08	GWN-24A	21010-50A27
HB11	1500	E15ET	TBO	83.01-86.08	GWN-24A	21010-50A27
HB12	1500	E15E	EGI	86.08-87.09	GWN-24A	21010-50A27
HB12	1500	E15E	EGI	86.08-87.09	GWN-49A	21010-50AY8
HB12	1500	E15S	GAS	86.08-87.09	GWN-24A	21010-50A27
HB12	1500	E15S	GAS	86.08-87.09	GWN-49A	21010-50AY8
EB12	1600	CA16DE	EGI	86.08-87.09	GWN-31A	21010-50VY5
EB12	1600	CA16DE	EGI	86.08-90.03	GWN-35A	21010-06E25
SB11	1700	CD17	DIE	83.11-86.08	GWN-26A	21010-16AY5
SB12	1700	CD17	DIE	86.08-90.03	GWN-55A	BA010-54A26

LEOPARD

GF31	2000	VG20E	EGI	86.02-88.08	GWN-28A	21010-02P85
GF31	2000	VG20E	EGI	86.02-91.12	GWN-28A	21010-V5028
GF31	2000	VG20ET	TBO	86.02-88.08	GWN-28A	21010-02P85
GF31	2000	VG20ET	TBO	86.02-88.08	GWN-28A	21010-V5028
GF31	2000	VG20DT	TBO	88.08-91.12	GWN-69A	21010-F65Y8
JY33	2000	VG20E	EGI	97.01-99.06	GWN-59A	21010-10V28
JENY33	2500	RB25DT	TBO	97.10-99.06		21010-21U26
JMY33	2500	VQ25DE	EGI	97.10-99.06	GWN-51A	21010-31U28
JHBY33,JHY33	3000	VQ30DT	TBO	96.03-99.06	GWN-51A	21010-31U28
JHY33	3000	VQ30DE	EGI	96.03-97.10	GWN-51A	21010-31U28
JHY33	3000	VQ30DD	DI	97.10-99.06	GWN-51A	21010-31U28
JPY33	3000	VG30E	EGI	96.03-97.10	GWN-59A	21010-10V28
UF31	3000	VG30DE	EGI	86.02-88.08	GWN-69A	21010-F65Y8
UF31	3000	VG30DE	EGI	86.02-91.12		B1010-22P27
UF31	3000	VG30DT	TBO	88.08-91.12	GWN-69A	21010-F65Y8

LEOPARD JFERRIE

F30	1800	Z18S		80.09-86.01	GWN-23AF	21010-N5829
F30	2000	L20E/ET		98.09-86.01	GWN-05A	21010-W3626
F31	2000	L20E/ET/DET		86.02-88.08	GWN-28A	21010-V5027
F31	2000	L20DET		88.08-94.12	GWN-69A	21010-F6526
F31	2000	L20E/ET		88.08-94.12	GWN-28A	21010-V5027
F30	2800	L28E		80.09-82.08	GWN-05A	21010-W3626
F30	3000	VG30T		84.06-86.02	GWN-28A	21010-V5025
F31	3000	VG30DE		86.02-86.10	GWN-69A	21010-F6500

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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LEOPARD JFERRIE

F31	3000	VG30DE		86.10-94.12		21010-22P25
F31	3000	VG30DET		88.08-94.12	GWN-69A	21010-F6526
JPY32	3000	VG30DE	EGI	92.06-95.12	GWN-95A	B1010-0P529
Y32	3000	VG30DE		92.06-94.12	GWN-95A	21010-0P526
JGBY32	4100	VH41DE	EGI	92.06-95.12		B1010-1P128
Y32	4100	VH41DE		92.06-94.12		21010-1P101
					GWN-16F	21082-01P00
					GWN-33F	21082-Y7061

LIBERTA

HN12	1500	E15E	EGI	82.06-86.10	GWN-24A	21010-50A27
HN12	1500	E15S	GAS	82.06-86.10	GWN-24A	21010-50A27

LIBERTA VILLA/EXA

N10	1300	E13		81.03-82.04	GWN-24A	21010-01M25
N12	1300	E13S		82.05-87.05	GWN-24A	21010-01M25
N13	1300	E13S		86.05-89.03	GWN-24A	21010-01M25
N13	1300	E13S		86.05-94.12	GWN-49A	21010-50A28
N14	1300	GA13DS		90.08-94.12	GWN-42A	21010-53Y01
N10/11	1400	A14		78.05-81.02	GWN-02A	21010-M6626
N12	1500	E15S/E/T		82.05-87.05	GWN-24A	21010-50A25
N13	1500	E15S/E		86.05-89.03	GWN-49A	21010-50A28
N13	1500	E15S/E		86.05-89.03	GWN-24A	21010-01M25
N13	1500	GA15S/E		88.04-94.12	GWN-39A	21010-77A00
N14	1500	GA15DS		90.08-94.12	GWN-42A	21010-53Y01
N13	1600	CA16D		86.05-86.10	GWN-31A	21010-W4426
N13	1600	CA16D		86.10-94.12	GWN-35A	21010-06E26
N14	1600	GA16DE		90.08-94.12	GWN-42A	21010-53Y01
N12	1700	CD17	DIE	83.05-86.07	GWN-26A	21010-16A25
N12	1700	CD17	DIE	86.07-94.12	GWN-26A	21010-16A85
N12	1700	CD17	DIE	86.07-94.12	GWN-26A	21010-16A27
N13	1700	CD17	DIE	86.05-94.12		21010-54A25
N13	1700	CD17	DIE	86.05-94.12	GWN-55A	21010-54A26
N14	1700	CD17	DIE	90.08-94.12	GWN-55A	BA010-54A26
N14	1800	SR18DE		90.08-94.12	GWN-48A	21010-53J00
N14	2000	SR20DET		90.08-94.12		21010-54C00

LIBERTY

RM12,RNM12	2000	QR20DE	EGI	01.05-04.12	GWN-86A	21010-6N226
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LIGHT DUTY TRUCKS:QUEST

	3300	V6		99-02	GWN-94A	21010-7B000
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LUCINO

FB14	1500	GA15DE	EGI	94.05-99.04	GWN-42A	21010-0M302
FN15,FNN15	1500	GA15DE	EGI	95.01-99.04	GWN-42A	21010-0M302
EN15	1600	GA16DE	EGI	95.01-99.04	GWN-42A	21010-0M302
JB14	1600	SR16VE	EGI	97.08-99.04	GWN-48A	21010-1N526
JN15	1600	SR16VE	EGI	97.09-99.04	GWN-48A	21010-1N526
HB14	1800	SR18DE	EGI	94.05-97.08	GWN-48A	21010-53J05
HN15	1800	SR18DE	EGI	95.01-99.04	GWN-48A	21010-53J05
HNN15	1800	SR18DE	EGI	96.05-99.04	GWN-48A	21010-53J05

MARCH

K10	900	MA09RT		88.08-88.12	GWN-29A	21010-01B28
K10	900	MA09RT		88.12-94.12	GWN-72A	21010-19B25
EK10	930	MA09RT	TBO	88.01-92.01	GWN-29A	21010-01BY9
EK10	930	MA09RT	TBO	88.01-92.01	GWN-72A	21010-19BY5
K10	1000	MA10S	GAS	82.10-89.01	GWN-29A	21010-01BY9
K10	1000	MA10T/S		82.10-89.01	GWN-29A	21010-01B25
K10	1000	MA10T	TBO	83.06-89.01	GWN-29A	21010-01BY9
K10	1000	MA10S	GAS	89.01-92.01	GWN-72A	21010-19BY5

NISSAN

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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MARCH

K10	1000	MA10T	TBO	89.01-92.01	GWN-72A	21010-19BY5
K10	1000	MA10T/S		89.10-94.12	GWN-72A	21010-19B25
K11	1000	CG10DE		92.01-94.12	GWN-44A	21010-41B00
K11	1000	CG10DE	EGI	92.01-00.10	GWN-44A	21010-41B01
K11,WK11	1000	CG10DE	EGI	99.11-02.02	GWN-44A	21010-41B03
K12	1000	CR10DE	EGI	02.02-03.07	GWN-92A	21010-AX00A
WK11	1000	CG10DE	EGI	99.11-00.10	GWN-44A	21010-41B01
YK10	1000	MA10S	GAS	85.02-89.01	GWN-29A	21010-01BY9
AK12	1200	CR12DE	EGI	02.02-14.01	GWN-92A	21010-AX00A
K10	1200	MA12		83.07-88.12	GWN-29A	21010-01B28
K10	1200	MA12		88.12-94.12	GWN-72A	21010-24B25
K13	1200	HR12DE	EGI	10.07-14.01	GWN-89A	B1010-ED00A
NK13	1200	HR12DE	EGI	10.07-14.01	GWN-88A	21010-EE025
AK11,ANK11,WAK11	1300	CGA3DE	EGI	99.11-00.10	GWN-44A	21010-41B01
AK11,ANK11,WAK11	1300	CGA3DE	EGI	99.11-02.02	GWN-44A	21010-41B03
FHK11	1300	CG13DE	EGI	97.05-99.11	GWN-44A	21010-41B01
HK11	1300	CG13DE	EGI	92.01-99.11	GWN-44A	21010-41B01
K11	1300	CG13DE		92.01-94.12	GWN-44A	21010-41B00
BK12	1400	CR14DE	EGI	02.02-05.08	GWN-92A	21010-AX00A
BNK12	1400	CR14DE	EGI	02.09-14.01	GWN-91A	21010-AX401
YK12	1500	HR15DE	EGI	05.08-14.01	GWN-89A	B1010-ED00A

MAXIMA

J30	3000	VG30E		88.10-91.08	GWN-36A	21010-16E02
J30	3000	VG30E	EGI	88.10-91.08		B1010-16E03
PJ30	3000	VE30DE	EGI	91.08-94.02		21010-97E00

MICRA

FHZK12	1600	HR16DE	EGI	07.07-14.01	GWN-89A	B1010-ED00A
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MISTRAL

KR20	2700	TD27T	DTB	95.11-96.10	GWN-65AF	21010-0F003
KR20,R20	2700	TD27TI	DTB	96.10-98.07		21010-7F401
R20	2700	TD27T	DIE	94.02-94.12	GWN-65AF	21010-0F003
R20	2700	TD27T	DTB	94.02-96.10	GWN-65AF	21010-0F003

MOCO

MG21S	660	K6A	EPI	02.04-06.02	GWN-80A*	21010-4A00G
MG21S	660	K6A	TBO	02.04-06.02	GWN-81A*	21010-4A00J
MG22S	660	K6A	EPI	06.02-11.02	GWS-38AH	21010-4A00H
MG22S	660	K6A	TBO	06.02-11.02	GWS-38AH	21010-4A00H
MG22S	660	K6A	TBO	06.02-11.02	GWS-39AH	21010-4A00K
MG33S	660	R06A	EPI	11.02-14.01	GWS-38AH	21010-4A01D
MG33S	660	R06A	TBO	11.02-14.01	GWS-38AH	21010-4A01D

MURANO

TNZ51	2500	QR25DE	EGI	08.09-11.02	GWN-86A	21010-6N20A
TNZ51	2500	QR25DE	EGI	08.09-14.01	GWN-86A	21010-6N226
TNZ51	2500	QR25DE	EGI	08.09-14.01		21013-6N200
TZ50	2500	QR25DE	EGI	04.09-14.01	GWN-86A	21010-6N226
TZ50	2500	QR25DE	EGI	04.09-14.01		21013-6N200
TZ51	2500	QR25DE	EGI	10.01-11.02	GWN-86A	21010-6N20A
TZ51	2500	QR25DE	EGI	10.01-14.01	GWN-86A	21010-6N226
TZ51	2500	QR25DE	EGI	10.01-14.01		21013-6N200
PNZ50,PZ50	3500	VQ35DE	EGI	04.09-14.01	GWN-93A	21010-AL528
PNZ50,PZ50	3500	VQ35DE	EGI	04.09-14.01	GWN-93A	B1010-JK00A
PNZ51	3500	VQ35DE	EGI	08.09-14.01	GWN-93A	B1010-JK00A

NOTE

E11	1500	HR15DE	EGI	05.01-07.12	GWN-89A	B1010-ED00A
E11	1500	HR15DE	EGI	07.12-14.01	GWN-88A	21010-EE025
NE11	1500	HR15DE	EGI	05.01-07.12	GWN-87A	21010-ED325

NISSAN

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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NOTE

NE11	1500	HR15DE	EGI	06.12-14.01	GWN-88A	21010-EE025
ZE11	1600	HR16DE	EGI	08.10-14.01	GWN-89A	B1010-ED00A

NV200 VANETTE

M20,VM20	1600	HR16DE	EGI	09.05-14.01	GWN-89A	B1010-ED00A
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OTTI

H91W	660	3G83	EGI	05.06-06.10	GWN-83A	21010-6A0A1
H91W	660	3G83	EGI	05.06-06.10		AY720-MT008
H91W	660	3G83	TBO	05.06-06.10	GWN-83A	21010-6A0A1
H91W	660	3G83	TBO	05.06-06.10		AY720-MT008
H92W	660	3G83	EGI	06.10-14.01	GWN-83A	21010-6A0A1
H92W	660	3G83	EGI	06.10-14.01		AY720-MT008
H92W	660	3G83	TBO	06.10-14.01	GWN-83A	21010-6A0A1
H92W	660	3G83	TBO	06.10-14.01		AY720-MT008

PAO

PK10	1000	MA10S	GAS	89.01-91.02	GWN-72A	21010-19BY5
PK10	1000	MA10S		89.10-94.10	GWN-72A	21010-19B25

PINO

HC24S	660	K6A	EPI	07.01-14.01	GWS-38AH	21010-4A00H
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PRAIRIE

BM10,VBM10	1500	E15S	GAS	82.08-88.08	GWN-24A	21010-50A27
M10	1500	E15S		82.08-88.08	GWN-20A	21010-D0126
M10	1800	CA18S		82.08-86.07	GWN-20A	21010-D0126
M10	1800	CA18S		86.07-88.08	GWN-35A	21010-06E25
PM10	1800	CA18S	GAS	82.08-88.08	GWN-35A	21010-06E25
PM10	1800	CA18S	GAS	82.08-88.08	GWN-20A	21010-D01Y6
HNM10	2000	CA20S	GAS	85.10-88.08	GWN-35A	21010-06E25
HNM10	2000	CA20S	GAS	85.10-88.08	GWN-20A	21010-D01Y6
M10	2000	CA20S		85.10-86.07	GWN-20A	21010-D0126
M10	2000	CA20S		86.07-88.08	GWN-35A	21010-06E25
M11	2000	CA20S		88.12-94.12		21010-71E28
M11	2000	CA20S		89.09-88.12	GWN-35A	21010-06E25
M11,NM11	2000	CA20S	GAS	88.09-90.09	GWN-35A	21010-06E25
M11,NM11	2000	CA20S	GAS	88.09-95.08		21010-06EY6
PM11,PNM11	2000	SR20DE	EGI	95.08-98.11	GWN-48A	21010-53J05
HM11,HNM11	2400	KA24E	EGI	90.09-95.08	GWN-43A	21010-30RY6
M11	2400	KA20E		90.09-94.12	GWN-43A	21010-30R05

PRAIRIE LIBERTY

PM12,PNM12	2000	SR20DE	EGI	98.11-01.05	GWN-48A	21010-53J05
PNM12	2000	SR20DT	TBO	99.10-01.05	GWN-48A	21010-53J05
PNM12	2000	SR20DT	EGI	00.05-01.05	GWN-48A	21010-53J05

PRESAGE

NU30,U30	2400	KA24DE	EGI	98.06-01.08	GWN-50A	21010-1E403
TNU30,TU30	2500	QR25DE	EGI	01.08-03.07	GWN-86A	21010-6N226
TNU31,TU31	2500	QR25DE	EGI	03.06-14.01	GWN-86A	21010-6N226
VNU30,VU30	2500	YD25DT	DTB	98.06-01.08	GWN-76A	B1010-AD226
HU30	3000	VQ30DE	EGI	98.06-03.07	GWN-51A	21010-31U28
HU30	3000	VQ30DE	EGI	01.08-03.07	GWN-51A	21010-31U85
PNU31	3500	VQ35DE	EGI	03.06-06.05	GWN-93A	21010-AL528
PU31	3500	VQ35DE	EGI	03.06-14.01	GWN-93A	21010-AL528
PU31	3500	VQ35DE	EGI	06.05-14.01	GWN-93A	B1010-JK00A

PRESEA

R10	1500	GA15DS		90.06-94.12	GWN-42A	21010-53Y01
R10	1500	GA15DS	GAS	90.06-95.01	GWN-42A	21010-0M302
R11	1500	GA15DE	EGI	95.01-00.08	GWN-42A	21010-0M302

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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PRESEA

PR10	1800	SR18DI	EI	90.06-92.06	GWN-48A	21010-53J05
PR10	1800	SR18DE	EGI	92.06-95.01	GWN-48A	21010-53J05
PR11	1800	SR18DE	EGI	95.01-00.08	GWN-48A	21010-53J05
R10	1800	SR18DI/DE		90.06-94.12	GWN-48A	21010-53J00
R11	1800	SR18D		95.01-	GWN-48A	21010-53J00
HR10	2000	SR20DE	EGI	90.06-95.01	GWN-48A	21010-53J05
HR11	2000	SR20DE	EGI	95.01-00.08	GWN-48A	21010-53J05
R10	2000	SR20D		90.06-94.12	GWN-48A	21010-53J00
R11	2000	SR20DE		95.01-	GWN-48A	21010-53J00

PRESIDENT

250,252	4400	Y44E		75.04-90.05		21010-F2725
C,DJQL,DJ,DQ,DWQ,DW,D,H250,WC	4400	Y44E	EGI	75.04-76.07		B1010-F2725
H251	4400	Y44E	EGI	76.08-77.06		B1010-F2725
H252	4400	Y44E	EGI	77.07-90.10		B1010-F2725
G50	4500	VH45D		90.10-93.04		21010-60U25
G50	4500	VH45D		93.04-94.12		21010-67U25
JG50,PG50,PHG50	4500	VH45DE	EGI	92.02-94.05		21010-60UY6
JG50,PG50,PHG50	4500	VH45DE	EGI	92.02-02.08		B1010-67U28
JHG50	4500	VH45DE	EGI	90.10-94.05		21010-60UY6
JHG50	4500	VH45DE	EGI	90.10-02.08		B1010-67U28
PGF50	4500	VK45DE	EGI	03.10-14.01		21010-AR025

PRIMERA

P10	1800	SR18DI	EI	90.02-92.09	GWN-48A	21010-53J05
P10	1800	SR18DI		90.02-92.09	GWN-48A	21010-53J00
P10	1800	SR18DE	EGI	92.09-95.09	GWN-48A	21010-53J05
P10	1800	SR18DE		92.09-94.12	GWN-48A	21010-53J00
P11	1800	SR18DE	EGI	95.09-98.09	GWN-48A	21010-53J05
P11	1800	SR18DE		95.09-	GWN-48A	21010-53J00
QP11,WQP11	1800	QG18DD	DI	98.09-01.01	GWN-73A	21010-4M526
QP11,WQP11	1800	QG18DE	EGI	98.09-01.01	GWN-73A	21010-4M526
QP12	1800	QG18DE	EGI	02.02-05.12	GWN-73A	21010-4M526
WP11	1800	SR18DE	EGI	97.09-98.09	GWN-48A	21010-53J05
FHP10	2000	SR20DE	EGI	91.07-96.11	GWN-48A	21010-53J05
FHP11	2000	SR20DE	EGI	96.11-98.09	GWN-48A	21010-53J05
HNP10	2000	SR20DE	EGI	90.10-95.09	GWN-48A	21010-53J05
HNP11,HP11	2000	SR20DE	EGI	95.09-01.01	GWN-48A	21010-53J05
HP10	2000	SR20DE	EGI	90.02-95.09	GWN-48A	21010-53J05
HP11,WHP11	2000	SR20VE	EGI	97.09-01.01	GWN-48A	21010-53J05
HP12,WHP12	2000	SR20VE	EGI	01.08-03.07	GWN-48A	21010-53J05
P10	2000	SR20D		90.02-92.09	GWN-48A	21010-53J00
P10	2000	SR20DE		91.07-94.12	GWN-48A	21010-70J00
P10	2000	SR20DE		92.09-94.12	GWN-48A	21010-53J00
P11	2000	SR20DE		95.09-	GWN-48A	21010-53J00
TNP12	2000	QR20DE	EGI	01.08-05.12	GWN-86A	21010-6N226
TP12,WTNP12,WTP12	2000	QR20DE	EGI	01.01-05.12	GWN-86A	21010-6N226
WHNP11,WHP11	2000	SR20DE	EGI	97.09-01.01	GWN-48A	21010-53J05
RP12,WRP12	2500	QR25DD	DI	01.01-05.12	GWN-86A	21010-6N226

PULSAR

N13	1300	E13S	GAS	86.05-90.08	GWN-24A	21010-50A27
N13	1300	E13S	GAS	86.05-90.08	GWN-49A	21010-50AY8
N14	1300	GA13DS	GAS	90.08-94.12	GWN-42A	21010-0M302
PN12	1300	E13S	GAS	82.05-86.05	GWN-24A	21010-50A27
FN13,FNN13	1500	GA15E	EGI	88.04-90.08	GWN-39A	21010-77AY0
FN13,FNN13	1500	GA15S	GAS	88.04-90.08	GWN-39A	21010-77AY0
FN14,FNN14	1500	GA15DS	GAS	90.08-94.12	GWN-42A	21010-0M302
FN15,FNN15	1500	GA15DE	EGI	95.01-00.08	GWN-42A	21010-0M302
HN12	1500	E15ET	TBO	83.05-86.10	GWN-24A	21010-50A27
HN13	1500	E15E	EGI	86.05-88.04	GWN-24A	21010-50A27
HN13	1500	E15E	EGI	86.05-88.04	GWN-49A	21010-50AY8

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PULSAR

HN13,HNN13	1500	E15S	GAS	86.05-88.04	GWN-24A	21010-50A27
HN13,HNN13	1500	E15S	GAS	86.05-88.04	GWN-49A	21010-50AY8
HNN13	1500	E15E	EGI	87.01-88.04	GWN-24A	21010-50A27
HNN13	1500	E15E	EGI	87.01-88.04	GWN-49A	21010-50AY8
EN13	1600	CA16DE	EGI	86.05-88.04	GWN-31A	21010-50VY5
EN13	1600	CA16DE	EGI	86.05-90.08	GWN-35A	21010-06E25
EN13	1600	CA16DE	EGI	88.04-90.08		21010-06EY6
EN14	1600	GA16DE	EGI	90.08-94.12	GWN-42A	21010-0M302
EN15	1600	GA16DE	EGI	95.01-00.08	GWN-42A	21010-0M302
JN15	1600	SR16VE	EGI	97.09-00.08	GWN-48A	21010-1N526
SN12	1700	CD17	DIE	83.05-86.05	GWN-26A	21010-16AY5
SN13	1700	CD17	DIE	86.05-88.04		21010-54AY5
SN13	1700	CD17	DIE	86.05-90.08	GWN-55A	BA010-54A26
SN14	1700	CD17	DIE	90.08-94.12	GWN-55A	BA010-54A26
SN14	1700	CD17	DIE	92.08-94.12	GWN-67A	21010-59Y25
HN14	1800	SR18DE	EGI	90.08-94.12	GWN-48A	21010-53J05
HN15	1800	SR18DE	EGI	95.01-00.08	GWN-48A	21010-53J05
HNN15	1800	SR18DE	EGI	96.05-00.08	GWN-48A	21010-53J05
RNN14	2000	SR20DT	TBO	90.08-94.12		21010-54CY0
SN15,SNN15	2000	CD20	DIE	95.01-97.09	GWN-52A	21010-57J01
SN15,SNN15	2000	CD20	DIE	95.01-00.08	GWN-52A	21010-57J28

PULSAR EXA

KEN13	1600	CA16DE	EGI	86.10-90.10	GWN-35A	21010-06E25
KEN13	1600	CA16DE	EGI	86.10-90.10		21010-06EY6

PULSAR/LANGLEY

N10/11	1200	A12		78.05-81.02	GWN-02A	21010-M6626
HN12	1500	E15E	EGI	82.05-86.10	GWN-24A	21010-50A27
HN12	1500	E15S	GAS	82.05-86.10	GWN-24A	21010-50A27

RAFESTA

B30,NB30	2000	MR20DE	EGI	04.12-14.01	GWN-90A	B1010-1GZ0A
CWEAWN	2000	LFVE	EGI	11.06-14.01		21013-HA000
CWEFWN	2000	LFVD	DI	11.06-14.01		21013-HA000
CWEFWN	2000	LFVDS	DI	11.06-14.01		21013-HA000

RASHEEN

RFNB14	1500	GA15DE	EGI	94.12-00.08	GWN-42A	21010-0M302
RHNB14	1800	SR18DE	EGI	97.01-00.08	GWN-48A	21010-53J05
RKNB14	2000	SR20DE	EGI	98.04-00.08	GWN-48A	21010-53J05

R'NESSA

N30	2000	SR20DE	EGI	97.10-01.07	GWN-48A	21010-53J05
NN30	2000	SR20DT	TBO	97.10-01.07	GWN-48A	21010-53J05
PNN30	2400	KA24DE	EGI	97.10-01.07	GWN-50A	21010-1E403

ROOX

ML21S	660	K6A	EPI	09.12-14.01		21010-4A00L
ML21S	660	K6A	TBO	09.12-14.01		21010-4A00L
ML21S	660	K6A	TBO	09.12-14.01		21010-4A00N

SAFARI

WYY60	2800	RD28T	DTB	94.10-97.10	GWN-68A	B1010-81T26
WYY61	2800	RD28TI	DTB	97.10-99.09		B1010-VB126
WTY61	3000	ZD30DI	DTB	99.09-02.11		B1010-2W20A
BRG161	3300	SD33T	DTB	85.10-87.10	GWN-53A	21010-615Y5
VR160,VRG160	3300	SD33	DIE	80.06-83.08	GWN-53A	21010-615Y5
VR161,VRG161	3300	SD33	DIE	83.08-87.10	GWN-53A	21010-615Y5
VR161,VRG161	3300	SD33T	DTB	83.08-87.10	GWN-53A	21010-615Y5
FG160	4000	PF40	GAS	80.06-82.08	GWN-21A	21010-C65Y6
FG161	4000	PF40	GAS	82.08-87.10	GWN-21A	21010-C65Y6

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SAFARI

FGY60	4200	TB42S	GAS	87.10-97.10	GWN-45A	21010-03J25
FGY60	4200	TB42S	GAS	87.10-95.08	GWN-98F	21082-03J01
FGY60	4200	TB42S	GWS	87.10-97.10	GWN-99F	21082-36J00
VRGY60	4200	TD42	DIE	87.10-97.10	GWN-60A	21010-06J29
VRGY61	4200	TD42T	DIE	99.09-02.11	GWN-60A	21010-06J29
VRV60	4200	TD42	DIE	87.10-93.08	GWN-60A	21010-06J29
WGY60	4200	TB42E	EGI	91.10-97.10	GWN-45A	21010-03J25
WGY60	4200	TB42E	EGI	91.10-97.10	GWN-100F	21082-37J0A
WRGY60, WRY60	4200	TD42	DIE	91.02-93.08	GWN-60A	21010-06J29
WRGY60, WRY60	4200	TD42T	DTB	93.08-97.10	GWN-60A	21010-06J29
WRGY61	4200	TD42T	DTB	97.10-99.09	GWN-60A	21010-06J29
WGY61	4500	TB45E	EGI	97.10-02.11		21010-VB025
WGY61	4500	TB45E	EGI	97.10-02.11	GWN-100F	21082-37J0A
WFGY61	4800	TB48DE	EGI	02.11-14.01		B1010-VC225

SAFARI/PATROL

150	3300	SD33	DIE	80.06-87.10	GWN-53A	21010-61529
160	3300	SD33#	DIE	80.06-94.12	GWN-53A	21010-61529
	4000	PF40		80.06-94.12	GWN-21A	21010-C6525
Y60	4200	TB42S		87.10-94.12	GWN-45A	21010-03J25
Y60	4200	TD42	DIE	87.10-94.12	GWN-60A	21010-06J26
Y60	4200	TB42E		91.10-94.12	GWN-45A	21010-03J25
Y60	4200	TD42T	DIE	93.08-94.12	GWN-60A	21010-06J26

SANTANA

EM30	1600	CY	DTB	84.02-87.01		21010-85V06
EM30	1600	CY	DTB	84.02-87.01	GWN-27A*	21010-V4071
EM30	1600	CY	DTB	84.02-87.01	GWN-27A*	21010-V4900
M30	1800	JN	GAS	84.02-87.01		21010-85V06
M30	1800	JN	GAS	84.02-87.01	GWN-27A*	21010-V4900
M30	1800	JN	GAS	84.02-89.10	GWN-27A*	21010-V4071
PM30	2000	J	GAS	84.02-87.01		21010-V4311
PM30	2000	J	GAS	84.02-89.10		21010-V4370
PM30	2000	JD	TWC	87.01-89.10		21010-V4370
PM30	2000	JD	TWC	87.01-89.10		B1010-Y9010
PM30	2000	J	GAS	88.01-88.02		B1010-Y9010

SANTANA/PASSAT

M30	1600	CY		84.02-87.01	GWN-27A*	21010-V4962
M30	1800	J		84.02-89.10	GWN-27A*	21010-V4962
GT	2000	9A		90.05-91.11	GWN-27A*	21010-V4962
M30	2000	J		84.02-84.05		21010-V4300
M30	2000	J		84.05-84.12		21010-V4301
M30	2000	J		84.12-89.10		21010-V4370
M30	2000	J		87.01-89.10		21010-Y9010

S-Cargo

G20	1500	E15S	GAS	89.01-90.11	GWN-24A	21010-50A27
G20	1500	E15S	GAS	89.01-90.11	GWN-49A	21010-50AY8
G20A	1500	E15A		89.01-90.03	GWN-24A	21010-50A26
G20A	1500	E15A		90.03-90.11	GWN-49A	21010-50A28

SERENA

KAJC23	1600	GA16DE	EGI	91.06-97.01	GWN-42A	21010-0M302
VAJC23	1600	GA16DS	GAS	91.06-94.05	GWN-42A	21010-0M302
VAJC23	1600	GA16DE	EGI	94.05-99.06	GWN-42A	21010-0M302
C25, NC25	2000	MR20DE	EGI	05.05-10.11	GWN-90A	B1010-1GZ0A
C26, FC26, FNC26, NC26	2000	MR20DD	EGI	10.11-14.01		B1010-1VA0A
C26, NC26	2000	MR20DD	EGI	10.11-14.01		B1010-1KC0A
CC25, CNC25	2000	MR20DE	EGI	06.06-10.11	GWN-90A	B1010-1GZ0A
KBC23, KBCC23	2000	SR20DE	EGI	91.06-95.08	GWN-48A	21010-53J05
KBC23, KBCC23	2000	SR20DE	EGI	91.06-99.06	GWN-79A	B1010-52F01

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SERENA

KBNC23	2000	SR20DE	EGI	91.06-99.06	GWN-79A	B1010-52F01
KBNC23	2000	SR20DE	EGI	91.06-98.01	GWN-48A	21010-53J05
KVC23,KVNC23	2000	CD20T	DTB	91.06-97.01	GWN-52A	21010-57J01
KVC23,KVNC23	2000	CD20T	DTB	95.08-97.01	GWN-52A	21010-57J28
KVC23,KVNC23	2000	CD20ET	DTB	97.01-99.06	GWN-52A	21010-57J28
KVJC23	2000	CD20	DIE	91.06-93.08	GWN-52A	21010-57J01
PC24,PNC24	2000	SR20DE	EGI	99.06-01.12	GWN-48A	21010-53J05
TC24,TNC24	2000	QR20DE	EGI	01.12-05.05	GWN-86A	21010-6N226
VVJC23	2000	CD20	DIE	91.06-97.01	GWN-52A	21010-57J01
VVJC23	2000	CD20	DIE	95.08-99.06	GWN-52A	21010-57J28
RC24	2500	QR25DE	EGI	01.12-05.05	GWN-86A	21010-6N226
VC24,VNC24	2500	YD25DT	DI	99.06-01.12	GWN-76A	B1010-AD226

SILVIA

JS12	1800	CA18E	EGI	83.08-86.02	GWN-31A	21010-50VY5
JS12	1800	CA18S	GAS	83.08-88.04	GWN-31A	21010-50VY5
KS13,S13	1800	CA18DE	EGI	88.05-91.01	GWN-31A	21010-50VY5
KS13,S13	1800	CA18DT	TBO	88.05-91.01	GWN-31A	21010-50VY5
S12	1800	CA18ET	TBO	83.08-88.04	GWN-31A	21010-50VY5
S12	1800	CA18DT	TBO	86.02-88.04	GWN-31A	21010-50VY5
CS14,S14	2000	SR20DE	EGI	93.10-99.01	GWN-75A	21010-65F27
CS14,S14	2000	SR20DT	TBO	93.10-99.01	GWN-75A	21010-65F27
KPS13,PS13	2000	SR20DE	EGI	91.01-93.10	GWN-79A	B1010-52F01
KPS13,PS13	2000	SR20DT	TBO	91.01-93.10	GWN-79A	B1010-52F01
PS13	2000	SR20D	EGI	92.12-93.10	GWN-79A	B1010-52F01
S15	2000	SR20DE	EGI	99.01-02.08	GWN-75A	21010-65F27
S15	2000	SR20DT	TBO	99.01-02.08	GWN-75A	21010-65F27
US12	2000	FJ20E	EGI	83.08-86.02		BA010-R2027
US12	2000	FJ20ET	TBO	83.08-86.02		BA010-R2027

SILVIA/GAZELLE/180SX

S10	1800	L18		75.10-79.10	GWN-03A	21010-21028
S11	1800	L18		75.10-79.10	GWN-03A	21010-21028
S10/11	1800	L18		75.10-79.10	GWN-12AF	21010-23028
S110	1800	Z18		79.03-80.04	GWN-03A	21010-21028
S110	1800	Z18		79.03-83.08	GWN-23AF	21010-N5829
S12	1800	CA18S/E		83.08-94.12	GWN-31A	21010-W4426
S13	1800	CA18D(DT)		88.05-91.01	GWN-31A	21010-V5529
S110	2000	Z20E		79.03-80.04	GWN-03A	21010-21028
S110	2000	Z20E		79.03-80.04	GWN-23AF	21010-N5829
S110,S12	2000	FJ20(E,T)		82.04-86.02		21010-R2027
S13	2000	SR20D/DT/DET		91.01-94.12	GWN-79A	21010-52F00
S14	2000	SR20DE/DET		93.10-94.12	GWN-75A	21010-65F25

SKYLINE

110	1600	G16		72.01-75.09		21010-S0126
211	1600	Z16		78.08-79.07	GWN-03A	21010-21028
110,111,210,211	1600	L16		75.10-81.07	GWN-03A	21010-21028
110,111,210,211	1600	L16		75.10-81.07	GWN-12AF	21010-23028
211	1600	Z16		78.08-79.07	GWN-12AF	21010-23028
110	1800	G18		72.01-75.09		21010-S0126
211	1800	Z18		79.08-80.06	GWN-12AF	21010-23028
110,111,210,211	1800	L18		75.10-79.07	GWN-03A	21010-21028
110,111,210,211	1800	L18		75.10-79.07	GWN-12AF	21010-23028
CA18#	1800	R30		82.10-85.08	GWN-31A	21010-W4426
CA181	1800	R32		89.05-94.12	GWN-31A	21010-V5586
CA18S	1800	R31		85.08-90.03	GWN-31A	21010-V5525
FJR30	1800	CA18E	EGI	82.10-85.08	GWN-31A	21010-50VY5
FJR30	1800	CA18S	GAS	82.10-85.08	GWN-31A	21010-50VY5
FJR31	1800	CA18S	GAS	85.08-89.04	GWN-31A	21010-50VY5
FR32	1800	CA18I	EI	89.05-93.08	GWN-31A	21010-50VY5
PJR30	1800	Z18S	GAS	81.08-82.10	GWN-23AF	B1010-80W27

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SKYLINE

VPJR30	1800	Z18S	GAS	81.08-89.11	GWN-23AF	B1010-80W27
WFJR31	1800	CA18S	GAS	86.01-90.04	GWN-31A	21010-50VY5
Z18S	1800	R30		81.08-89.10	GWN-23AF	21010-N5829
211	2000	LD20	DIE	80.05-81.07		21010-W1789
211	2000	Z20		80.05-81.07	GWN-23AF	21010-N5829
DR30	2000	FJ20E	EGI	81.10-85.08		BA010-R2029
DR30	2000	FJ20ET	TBO	83.02-85.08		BA010-R2029
HCR32,HNR32	2000	RB20DT	TBO	89.05-93.08	GWN-70A	21010-70TY5
HCR32,HR32	2000	RB20DE	EGI	89.05-93.08	GWN-70A	21010-70TY5
HR30,YHR30	2000	L20E	EGI	81.08-85.08	GWN-05A	21010-W3688
HR30,YHR30	2000	L20ET	TBO	81.08-85.08	GWN-05A	21010-W3688
HR31	2000	RB20DE	EGI	85.08-89.04	GWN-32A	21010-58S25
HR31	2000	RB20DT	TBO	85.08-89.04	GWN-32A	21010-58S25
HR31	2000	RB20E	EGI	85.08-89.04	GWN-70A	21010-70TY5
HR31	2000	RB20ET	TBO	85.08-89.04	GWN-70A	21010-70TY5
HR32	2000	RB20E	EGI	89.05-93.08	GWN-70A	21010-70TY5
HR33	2000	RB20E	EGI	93.08-99.01	GWN-70A	21010-70TY5
HR34	2000	RB20DE	EGI	98.05-01.06	GWN-74A	21010-5L328
L20	2000	110		69.01-79.07	GWN-05A	21010-E3028
L20	2000	111		69.01-79.07	GWN-05A	21010-E3028
L20	2000	210		69.01-79.07	GWN-05A	21010-E3028
L20	2000	211		69.01-79.07	GWN-05A	21010-E3028
L20	2000	211		79.08-81.07	GWN-05A	21010-W3626
R30	2000	L20#		81.08-85.08	GWN-05A	21010-P7526
R30	2000	LD20	DIE	81.08-89.10		21010-W1790
R30	2000	Z20E		81.08-82.10	GWN-23AF	21010-N5829
R30	2000	FJ20#		81.10-85.08		21010-R2025
R31	2000	RB20D(T)		85.08-89.03	GWN-32A	21010-58S25
R31	2000	RB20E/T		85.08-90.03	GWN-32A	21010-42L26
R32	2000	RB20DE(T)		89.05-93.05	GWN-32A	21010-42L25
R32	2000	RB20E		89.05-93.05	GWN-32A	21010-42L25
R32	2000	RB20DE(T)		93.05-94.12	GWN-70A	21010-70T25
R32	2000	RB20E		93.05-94.12	GWN-70A	21010-70T25
R33	2000	RB20E		93.08-94.12	GWN-70A	21010-70T25
UJR30	2000	Z20E	EGI	81.08-82.10	GWN-23AF	B1010-80W27
VSJR30	2000	LD20	DIE	81.10-89.11		BA010-G3626
VSJR30	2000	LD20	DIE	82.10-89.11		BA010-02C25
WHJR31	2000	RB20ET	TBO	86.01-89.11	GWN-70A	21010-70TY5
YHR31	2000	RB20DE	EGI	85.08-89.11	GWN-32A	21010-58S25
YHR31	2000	RB20E	EGI	85.08-89.11	GWN-70A	21010-70TY5
YHR32	2000	RB20E	EGI	89.05-91.08	GWN-70A	21010-70TY5
	2000	LD20	DIE	83.08-85.04		21010-W3425
	2000	LD20	DIE	85.04-89.10		21010-02C25
ECR32,ER32	2500	RB25DE	EGI	91.08-93.08	GWN-70A	21010-70TY5
ECR33	2500	RB25DE	EGI	93.08-96.01		21010-75T26
ECR33	2500	RB25DT	TBO	93.08-98.05		21010-21U26
ENR33	2500	RB25DE	EGI	93.11-98.05		21010-75T26
ENR34,ER34	2500	RB25DE	EGI	98.05-01.06	GWN-74A	21010-5L328
ER33	2500	RB25DE	EGI	93.08-98.05		21010-75T26
ER33	2500	RB25DT	TBO	94.06-96.01		21010-21U26
ER34	2500	RB25DT	TBO	98.05-01.06	GWN-77A	21010-AA527
NV35	2500	VQ25DD	DI	01.09-06.11	GWN-93A	21010-AL528
NV36,V36	2500	VQ25HR	EGI	06.11-14.01	GWN-93A	B1010-JK00A
R32	2500	RB20DE		91.08-93.05	GWN-32A	21010-42L25
R32	2500	RB20DE		93.05-94.12	GWN-70A	21010-70T25
R33	2500	RB20DE		93.08-94.12	GWN-70A	21010-70T25
R33	2500	RB20DET		93.08-94.12		21010-21U25
V35	2500	VQ25DD	DI	01.06-06.11	GWN-93A	21010-AL528
R32	2600	RB26D(E)TT		89.08-94.12	GWN-32A	21010-58S25
211	2800	LD28	DIE	80.05-81.07	GWN-05A	21010-V0726
ER30	2800	LD28	DIE	81.08-85.08	GWN-05A	21010-17SY7
R30	2800	LD28	DIE	81.08-85.08	GWN-05A	21010-17S26

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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SKYLINE

R31	2800	LD28	DIE	85.08-89.03	GWN-68A	21010-V7226
SR31	2800	RD28	DIE	85.08-89.04	GWN-68A	B1010-81T26
HV35	3000	VQ30DD	DI	01.06-04.11	GWN-93A	21010-AL528
CPV35	3500	VQ35DE	EGI	03.01-06.11	GWN-93A	21010-AL528
PV35	3500	VQ35DE	EGI	02.01-06.11	GWN-93A	21010-AL528
PV36	3500	VQ35HR	EGI	06.11-08.12	GWN-93A	B1010-JK20A
CKV36	3700	VQ37HR	EGI	07.10-14.01	GWN-93A	B1010-JK20A
KV36	3700	VQ37HR	EGI	08.12-14.01	GWN-93A	B1010-JK20A
				81.08-83.08	GWN-33F	21082-Y4101
				83.08-85.08	GWN-16F	21082-S8200
					GWN-16F	21082-S8201
					GWN-31F	21082-W4404
					GWN-33F	21082-Y7061

SKYLINE CROSSOVER

J50,NJ50	3700	VQ37VH	EGI	09.07-14.01	GWN-93A	B1010-JK20A
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SKYLINE GT-R

BCNR33	2600	RB26DT	TBO	95.01-99.01		21010-21U26
BCNR33	2600	RB26DT	TBO	95.01-99.01	GWN-32A	21010-24U27
BNR32	2600	RB26DT	TBO	89.08-94.11	GWN-32A	21010-58S25
BNR34	2600	RB26DT	TBO	99.01-02.08		21010-21U26
BNR34	2600	RB26DT	TBO	99.01-02.08	GWN-32A	21010-24U27

STAGEA

WHC34	2000	RB20E	EGI	96.09-97.08		21010-75T26
WHC34	2000	RB20DE	EGI	97.08-01.10	GWN-74A	21010-5L328
M35,NM35	2500	VQ25DD	DI	01.10-14.01	GWN-93A	21010-AL528
NM35	2500	VQ25DT	TBO	01.10-04.08	GWN-93A	21010-AL528
WGC34	2500	RB25DT	TBO	98.08-01.04	GWN-77A	21010-AA527
WGC34,WGNC34	2500	RB25DE	EGI	96.09-97.08		21010-75T26
WGC34,WGNC34	2500	RB25DE	EGI	97.08-01.10	GWN-74A	21010-5L328
WGNC34	2500	RB25DT	TBO	96.09-98.08		21010-21U26
WGNC34	2500	RB25DT	TBO	98.08-01.10	GWN-77A	21010-AA527
HM35	3000	VQ30DD	DI	01.10-04.08	GWN-93A	21010-AL528
PM35,PNM35	3500	VQ35DE	EGI	04.08-14.01	GWN-93A	21010-AL528

STANZA

T11	1600	CA16S	GAS	81.06-83.05	GWN-20A	21010-D0125
T11	1600	CA16S	GAS	81.06-86.06	GWN-20A	21010-D01Y6
T12	1600	CA16S	GAS	86.06-88.01	GWN-20A	21010-D01Y6
T12	1600	CA16S	GAS	86.06-89.12	GWN-35A	21010-06E25
T12	1600	CA16S	GAS	88.01-89.12		21010-06EY6
PT11	1800	CA18E	EGI	81.06-83.05	GWN-20A	21010-D0125
PT11	1800	CA18E	EGI	81.06-86.06	GWN-20A	21010-D01Y6
PT11	1800	CA18S	GAS	81.06-83.05	GWN-20A	21010-D0125
PT11	1800	CA18S	GAS	81.06-86.06	GWN-20A	21010-D01Y6
PT12	1800	CA18DT	TBO	86.06-88.01	GWN-31A	21010-50VY5
PT12	1800	CA18DT	TBO	86.06-89.12	GWN-35A	21010-06E25
PT12	1800	CA18ET	TBO	86.06-88.01	GWN-35A	21010-06E25
PT12	1800	CA18ET	TBO	86.06-88.01	GWN-20A	21010-D01Y6
PT12	1800	CA18I	EI	86.06-88.01	GWN-20A	21010-D01Y6
PT12	1800	CA18I	EI	86.06-89.12	GWN-35A	21010-06E25
PT12	1800	CA18DE	EGI	88.01-89.12	GWN-35A	21010-06E25
PT12	1800	CA18DE	EGI	88.01-89.12		21010-06EY6
PT12	1800	CA18DT	TBO	88.01-89.12		21010-06EY6
PT12	1800	CA18I	EI	88.01-89.12		21010-06EY6

SUNNY

B11,WB11	1300	E13S	GAS	81.10-85.09	GWN-24A	21010-50A27
B12	1300	E13S	GAS	85.09-90.10	GWN-24A	21010-50A27
B12	1300	E13S	GAS	85.09-90.10	GWN-49A	21010-50AY8

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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SUNNY

B13	1300	GA13DS	GAS	90.01-93.12	GWN-42A	21010-0M302
B14	1300	GA13DE	EGI	94.01-98.10	GWN-42A	21010-0M302
B15	1300	QG13DE	EGI	98.10-04.10	GWN-73A	21010-4M526
FB12,FNB12	1500	GA15E	EGI	87.09-90.01	GWN-39A	21010-77AY0
FB12,FNB12	1500	GA15S	GAS	87.09-90.01	GWN-39A	21010-77AY0
FB13,FNB13	1500	GA15DS	GAS	90.01-93.12	GWN-42A	21010-0M302
FB14,FNB14	1500	GA15DE	EGI	94.01-98.10	GWN-42A	21010-0M302
FB15,FNB15	1500	QG15DE	EGI	98.10-04.10	GWN-73A	21010-4M526
HB11	1500	E15E	EGI	81.10-85.09	GWN-24A	21010-50A27
HB11	1500	E15ET	TBO	82.09-85.09	GWN-24A	21010-50A27
HB11,WHB11	1500	E15S	GAS	81.10-85.09	GWN-24A	21010-50A27
HB12	1500	E15E	EGI	85.09-87.09	GWN-24A	21010-50A27
HB12	1500	E15E	EGI	85.09-87.09	GWN-49A	21010-50AY8
HB12	1500	E15ET	TBO	85.09-87.09	GWN-24A	21010-50A27
HB12	1500	E15ET	TBO	85.09-87.09	GWN-49A	21010-50AY8
HB12,HNB12,WHB12	1500	E15S	GAS	85.09-87.09	GWN-24A	21010-50A27
HB12,HNB12,WHB12	1500	E15S	GAS	85.09-87.09	GWN-49A	21010-50AY8
WFB12,WFN12	1500	GA15S	GAS	87.09-90.10	GWN-39A	21010-77AY0
WFB12	1500	GA15E	EGI	87.09-90.10	GWN-39A	21010-77AY0
WHB11	1500	E15E	EGI	81.10-83.10	GWN-24A	21010-50A27
WHNB12	1500	E15S	GAS	86.09-87.09	GWN-24A	21010-50A27
WHNB12	1500	E15S	GAS	86.09-87.09	GWN-49A	21010-50AY8
EB12	1600	CA16DE	EGI	86.08-87.09	GWN-31A	21010-50VY5
EB12	1600	CA16DE	EGI	86.08-90.01	GWN-35A	21010-06E25
EB13	1600	GA16DE	EGI	90.01-93.12	GWN-42A	21010-0M302
EB14	1600	GA16DE	EGI	94.01-98.10	GWN-42A	21010-0M302
JB15	1600	SR16VE	EGI	98.10-00.09	GWN-48A	21010-1N526
SB11,WSB11	1700	CD17	DIE	82.10-85.09	GWN-26A	21010-16AY5
SB12	1700	CD17	DIE	85.09-90.01	GWN-55A	BA010-54A26
SB12,WSB12	1700	CD17	DIE	85.09-87.09		21010-54AY5
SB13,SNB13	1700	CD17	DIE	90.01-93.12	GWN-55A	BA010-54A26
SB13,SNB13	1700	CD17	DIE	92.01-93.12	GWN-67A	21010-59Y25
WSB12	1700	CD17	DIE	85.09-90.10	GWN-55A	BA010-54A26
HB13,HNB13	1800	SR18DE	EGI	90.01-93.12	GWN-48A	21010-53J05
HB14	1800	SR18DE	EGI	94.01-97.05	GWN-48A	21010-53J05
QB15	1800	QG18DD	DI	98.10-02.05	GWN-73A	21010-4M526
SB14,SNB14	2000	CD20	DIE	94.01-99.09	GWN-52A	21010-57J01
SB14,SNB14	2000	CD20	DIE	95.09-99.09	GWN-52A	21010-57J28
SB15	2200	YD22DD	EDI	99.09-02.05	GWN-76A	B1010-AD226

SUNNY CAB/CHERRY CAB

C20	1000	A10		69.01-75.10	GWN-02A	21010-M6626
C20/21	1200	A12		75.10-78.10	GWN-02A	21010-M6626

SUNNY CALIFORNIA

WFNY10,WFY10	1500	GA15DS	GAS	90.10-95.06	GWN-42A	21010-0M302
WFNY10,WFY10	1500	GA15DE	EGI	95.06-96.05	GWN-42A	21010-0M302

SUNNY NXCOUPE

FB13	1500	GA15DS	GAS	90.01-93.12	GWN-42A	21010-0M302
EB13	1600	GA16DE	EGI	90.01-93.12	GWN-42A	21010-0M302
HB13	1800	SR18DE	EGI	90.01-93.12	GWN-48A	21010-53J05

SUNNY TRUCK

120,121,122	1200	A12S		75.10-94.12	GWN-02A	21010-H5025
120,121,122	1200	A12S		75.10-94.12	GWN-11A	21010-H7227
B120,GB120	1200	A12S	GAS	75.10-79.07	GWN-02A	21010-M66Y6
B120,GB120	1200	A12S	GAS	75.10-79.07	GWN-11A	BA010-H7227
B121,GB121	1200	A12S	GAS	79.08-81.09	GWN-02A	21010-M66Y6
B121,GB121	1200	A12S	GAS	79.08-81.09	GWN-11A	BA010-H7227
B122,GB122	1200	A12S	GAS	81.10-94.03	GWN-02A	21010-M66Y6
B122,GB122	1200	A12S	GAS	81.10-94.03	GWN-11A	BA010-H7227

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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SUNNY VAN/AD VAN/AVENIR

B11	1300	E13S		82.10-89.03	GWN-24A	21010-50A26
B11	1300	E13S		89.03-90.08	GWN-49A	21010-50A28
Y10	1300	GA13DS		90.10-94.08	GWN-42A	21010-53Y01
Y10	1300	GA13DS		93.07-94.12	GWN-42A	21010-OM300
B11	1500	E15S		82.10-89.03	GWN-24A	21010-50A26
B11	1500	E15S		89.03-90.08	GWN-49A	21010-50A28
Y10	1500	GA15DS		90.10-94.08	GWN-42A	21010-53Y01
Y10	1500	GA15DS		93.07-94.12	GWN-42A	21010-OM300
W10	1600	GA16DS		90.05-94.12	GWN-42A	21010-53Y01
B11	1700	CD17	DIE	85.10-86.05	GWN-26A	21010-16A26
B11	1700	CD17	DIE	86.05-88.05	GWN-26A	21010-16A27
B11	1700	CD17	DIE	88.05-90.08	GWN-55A	21010-54A26
Y10	1700	CD17	DIE	90.10-93.08	GWN-55A	21010-54A26
Y10	1700	CD17	DIE	93.08-94.12	GWN-67A	21010-59Y25
W10	1800	SR18DI		90.05-93.01	GWN-48A	21010-53J00
W10	1800	SR18DE		93.01-94.12	GWN-48A	21010-53J00
W10	2000	CD20	DIE	90.05-94.12	GWN-52A	21010-57J01
W10	2000	SR20D		90.05-94.12	GWN-48A	21010-53J00
W10	2000	CD20T	DIE	93.01-94.12	GWN-52A	21010-57J01
Y10	2000	CD20	DIE	93.08-94.12	GWN-52A	21010-57J01

SUNNY/LAUREL SPIRIT

B210/310	1200	A12S		75.12-80.10	GWN-02A	21010-M6626
B210/310	1200	A12S		75.12-80.10	GWN-11A	21010-H7227
B11	1300	E13S		81.10-86.08	GWN-24A	21010-50A26
B12	1300	E13S		85.09-89.03	GWN-24A	21010-01M25
B12	1300	E13S		85.09-90.08	GWN-49A	21010-50A28
B13	1300	GA-BDS		90.01-93.12	GWN-42A	21010-53Y01
B14	1300	GA13DE		94.01-94.12	GWN-42A	21010-OM300
B310	1300	A13S		80.11-81.09	GWN-02A	21010-M6626
B310	1300	A13S		80.11-81.09	GWN-11A	21010-H7227
B210/310	1400	A14#		75.12-80.10	GWN-02A	21010-M6626
B210/310	1400	A14#		75.12-80.10	GWN-11A	21010-H7227
B11	1500	E15#		81.10-86.11	GWN-24A	21010-50A26
B12	1500	E15#		85.09-79.09	GWN-49A	21010-50A28
B12	1500	E15#		85.09-87.09	GWN-24A	21010-01M25
B12	1500	GA15E/S		87.09-90.08	GWN-39A	21010-77A00
B13	1500	GA15DS		90.01-93.12	GWN-42A	21010-53Y01
B14	1500	GA15DE		94.01-94.12	GWN-42A	21010-OM300
B310	1500	A15S/E		80.11-81.09	GWN-11A	21010-H7227
B12	1600	CA16D		86.08-86.10	GWN-31A	21010-W4426
B12	1600	CA16D		86.10-90.08	GWN-35A	21010-06E25
B13	1600	GA16DE		90.01-93.12	GWN-42A	21010-53Y01
B14	1600	GA16DE		94.01-94.12	GWN-42A	21010-OM300
B210	1600	L16S		75.12-77.10	GWN-03A	21010-21085
B210	1600	L16S		75.12-77.10	GWN-12AF	21010-23028
B11	1700	CD17	DIE	82.10-86.11	GWN-26A	21010-16A26
B12	1700	CD17	DIE	85.09-86.05		21010-54A25
B12	1700	CD17	DIE	86.05-90.08	GWN-55A	21010-54A26
B14	1800	SR18DE		94.01-94.12	GWN-48A	21010-53J00
B14	2000	CD20	DIE	94.01-94.12	GWN-52A	21010-57J01

TEANA

J31	2300	VQ23DE	EGI	03.02-08.06	GWN-93A	21010-AL528
J31	2300	VQ23DE	EGI	04.06-08.06	GWN-93A	B1010-JK00A
J32	2500	VQ25DE	EGI	08.06-14.01	GWN-93A	B1010-JK00A
TNJ31	2500	QR25DE	EGI	03.02-08.06	GWN-86A	21010-6N226
TNJ32	2500	QR25DE	EGI	08.06-14.01	GWN-86A	21010-6N226
PJ31	3500	VQ35DE	EGI	03.02-08.06	GWN-93A	21010-AL528
PJ31	3500	VQ35DE	EGI	04.06-08.06	GWN-93A	B1010-JK00A
PJ32	3500	VQ35DE	EGI	08.06-14.01	GWN-93A	B1010-JK00A

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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TERRANO

D21	2700	TD27T	DIE	86.08-93.01	GWN-46AF	21010-43G86
D21	2700	TD27T	DIE	88.11-94.12	GWN-65AF	21010-80G27
LBVD21	2700	TD27T	DTB	93.01-95.08	GWN-65AF	B1010-80G0E
LBVD21	2700	TD27T	DTB	93.10-95.08		21010-86PY8
PR50	2700	TD27TI	DTB	95.09-99.02		B1010-0W80A
VBVD21	2700	TD27	DIE	86.08-89.10	GWN-46AF	BA010-43G26
VBVD21	2700	TD27	DIE	86.08-93.01	GWN-46AF	B1010-2S50A
WBVD21	2700	TD27	DIE	86.08-87.08	GWN-46AF	BA010-43G26
WBVD21	2700	TD27	DIE	87.08-89.10	GWN-46AF	B1010-2S50A
WBVD21	2700	TD27T	DTB	88.11-94.11	GWN-65AF	21010-80G26
WBVD21	2700	TD27T	DTB	88.11-95.08		21010-86PY8
WBVD21	2700	TD27T	DTB	88.11-95.08	GWN-65AF	B1010-80G0E
D21	3000	VG30		87.10-89.10	GWN-41A	21010-12G26
D21	3000	VG30E		89.10-94.12	GWN-41A	21010-12G26
TR50	3000	ZD30DI	DI	99.02-02.08		B1010-2W20A
WHVD21	3000	VG30	EI	87.08-89.10	GWN-41A	21010-12G28
WHVD21	3000	VG30E	EGI	89.10-95.08	GWN-41A	21010-12G28
RR50	3200	QD32TI	DTB	96.08-99.02		B1010-0W80A
LR50	3300	VG33E	EGI	95.09-02.08	GWN-61A	B1010-0W00J
LUR50	3300	VG33E	EGI	99.02-02.08	GWN-61A	B1010-0W00J
(MT)					GWN-33F	21082-Y4161

TERRANO REGULUS

JTR50	3000	ZD30DI	DI	99.02-02.08		B1010-2W20A
JRR50	3200	QD32TI	DTB	96.08-99.02		B1010-0W80A
JLR50	3300	VG33E	EGI	96.08-02.08	GWN-61A	B1010-0W00J
JLUR50	3300	VG33E	EGI	99.02-01.10	GWN-61A	B1010-0W00J

TIIDA

C11	1500	HR15DE	EGI	04.09-10.08	GWN-89A	B1010-ED00A
C11	1500	HR15DE	EGI	08.01-14.01	GWN-88A	21010-EE025
NC11	1500	HR15DE	EGI	04.09-08.01	GWN-87A	21010-ED325
NC11	1500	HR15DE	EGI	06.12-14.01	GWN-88A	21010-EE025
JC11	1800	MR18DE	EGI	05.01-10.08	GWN-90A	B1010-1GZ0A

TIIDA LATIO

SC11	1500	HR15DE	EGI	04.10-14.01	GWN-89A	B1010-ED00A
SC11	1500	HR15DE	EGI	08.01-14.01	GWN-88A	21010-EE025
SNC11	1500	HR15DE	EGI	04.10-08.01	GWN-87A	21010-ED325
SNC11	1500	HR15DE	EGI	06.12-14.01	GWN-88A	21010-EE025
SJC11	1800	MR18DE	EGI	05.01-14.01	GWN-90A	B1010-1GZ0A

TINO

PV10	1800	QG18EM	EGI	00.04-02.10		21010-5U325
V10	1800	QG18DE	EGI	98.12-03.03	GWN-73A	21010-4M526
HV10	2000	SR20DE	EGI	98.12-02.10	GWN-48A	21010-53J05

VANETTE

C120,VC120	1200	A12	GAS	78.10-79.06	GWN-02A	21010-M66Y6
C120,VC120	1200	A12	GAS	78.10-79.06	GWN-11A	BA010-H7227
C121,VC121	1200	A12	GAS	79.07-81.05	GWN-02A	21010-M66Y6
C121,VC121	1200	A12	GAS	79.07-81.05	GWN-11A	BA010-H7227
C122	1200	A12	GAS	81.06-88.10	GWN-02A	21010-M66Y6
C122	1200	A12	GAS	81.06-88.10	GWN-11A	BA010-H7227
JC22	1200	A12S	GAS	88.11-94.03	GWN-02A	21010-M66Y6
JC22	1200	A12S	GAS	88.11-94.03	GWN-11A	BA010-H7227
VC122	1200	A12	GAS	81.06-85.09	GWN-02A	21010-M66Y6
VC122	1200	A12	GAS	81.06-85.09	GWN-11A	BA010-H7227
VJC22	1200	A12	GAS	85.09-94.03	GWN-02A	21010-M66Y6
VJC22	1200	A12	GAS	85.09-94.03	GWN-11A	BA010-H7227
KPC120	1400	A14	GAS	78.10-80.05	GWN-02A	21010-M66Y6
KPC120	1400	A14	GAS	78.10-80.05	GWN-11A	BA010-H7227

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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VANETTE

KPGC120	1400	A14	GAS	79.07-80.05	GWN-02A	21010-M66Y6
KPGC120	1400	A14	GAS	79.07-80.05	GWN-11A	BA010-H7227
PC120,PGC120	1400	A14	GAS	78.10-79.06	GWN-02A	21010-M66Y6
PC120,PGC120	1400	A14	GAS	78.10-79.06	GWN-11A	BA010-H7227
PC121,PGC121,RPGC121	1400	A14	GAS	79.07-81.05	GWN-11A	BA010-H7227
PC121,PGC121,VPC121,VPGC121	1400	A14	GAS	79.07-81.05	GWN-02A	21010-M66Y6
VPC121,VPGC121	1400	A14	GAS	79.07-81.05	GWN-11A	BA010-H7227
HC122,HGC122	1500	A15	GAS	81.06-88.10	GWN-02A	21010-M66Y6
HC122,HGC122	1500	A15	GAS	81.06-88.10	GWN-11A	BA010-H7227
KHC120	1500	A15	GAS	80.06-86.05	GWN-11A	BA010-H7227
KHC120,KHGC120	1500	A15	GAS	80.06-81.05	GWN-02A	21010-M66Y6
KHGC120	1500	A15	GAS	80.06-85.09	GWN-11A	BA010-H7227
KPC22,KPJC22	1500	A15	GAS	85.09-91.06	GWN-11A	BA010-H7227
PGJC22,PJC22	1500	A15S	GAS	88.11-94.03	GWN-02A	21010-M66Y6
PGJC22,PJC22	1500	A15S	GAS	88.11-94.03	GWN-11A	BA010-H7227
RHGC122	1500	A15	GAS	81.06-85.08	GWN-11A	BA010-H7227
SE58TN,SS58VN	1500	D5	GAS	94.04-95.08		21010-HC000
VHC122	1500	A15	GAS	81.06-86.05	GWN-02A	21010-M66Y6
VHC122	1500	A15	GAS	81.06-86.05	GWN-11A	BA010-H7227
VHGC122	1500	A15	GAS	81.06-85.09	GWN-02A	21010-M66Y6
VHGC122	1500	A15	GAS	81.06-85.09	GWN-11A	BA010-H7227
VPJC22	1500	A15S	GAS	86.05-93.04	GWN-11A	BA010-H7227
VPJC22	1500	A15	GAS	85.09-94.03	GWN-11A	BA010-H7227
KHGC22	1800	CA18ET	TBO	86.05-93.04	GWN-31A	21010-50VY5
KHGNC22	1800	CA18ET	TBO	89.06-93.04	GWN-31A	21010-50VY5
SE88MN,SS88MN	1800	F8	GAS	94.04-99.07	GWMZ-32A	21010-HC427
SE88TN	1800	F8	GAS	95.08-99.07	GWMZ-32A	21010-HC427
SK82LN/MN/TN/VN	1800	F8E	EGI	99.06-10.08	GWMZ-32A	21010-HC427
SKP2LN/MN/TN	1800	L8	EGI	10.08-14.01		21013-HA000
SS88HN	1800	F8	GAS	96.10-99.07	GWMZ-32A	21010-HC427
SS88VN	1800	F8	GAS	95.08-96.10	GWMZ-32A	21010-HC427
EC120,EGC120	2000	LD20	DIE	82.10-88.10		BA010-02C25
EC120,EGC120,REGC120	2000	LD20	DIE	81.06-85.08		BA010-G3626
FJNC22	2000	NA20S	GAS	90.08-94.03	GWN-54A	21010-85G27
KEC120	2000	LD20	DIE	81.06-86.05		BA010-G3626
KEC120	2000	LD20T	DTB	82.09-86.05		BA010-R8427
KEC120	2000	LD20T	DTB	82.09-86.05		BA010-R8487
KEC120,VEC120	2000	LD20	DIE	82.09-86.05		BA010-02C25
KEGC120,VEC120,VEGC120	2000	LD20	DIE	81.06-85.09		BA010-G3626
KEGC120,VEGC120	2000	LD20	DIE	82.10-85.09		BA010-02C25
KMC120	2000	Z20	GAS	81.06-86.05	GWN-23AF	B1010-80W27
KMC22	2000	CA20	GAS	85.09-91.06	GWN-31A	21010-50VY5
KMGC22	2000	CA20S	GAS	86.05-93.04	GWN-31A	21010-50VY5
KMGNC22	2000	CA20S	GAS	86.11-93.04	GWN-31A	21010-50VY5
KMJNC22	2000	CA20	GAS	88.09-91.06	GWN-31A	21010-50VY5
KUC22	2000	LD20	DIE	85.09-91.06	GWN-57A	21010-G81Y5
KUC22,KUJC22	2000	LD20	DIE	85.09-91.06	GWN-56A	21010-G55Y6
KUC22,KUJNC22	2000	LD20T	DTB	88.09-91.06	GWN-57A	21010-G81Y5
KUGC22	2000	LD20T	DTB	86.05-93.04	GWN-57A	21010-G81Y5
KUGNC22	2000	LD20T	DTB	86.11-93.04	GWN-57A	21010-G81Y5
REGC120	2000	LD20	DIE	81.06-85.08	GWN-11A	BA010-H7227
REGC120	2000	LD20	DIE	82.10-85.08		BA010-02C25
RJNC22	2000	Z20S	GAS	88.11-90.08	GWN-05A	21010-W3688
SKF2LN/MN/TN/VN	2000	RF	DTB	03.12-10.08		21010-HA100
SKF2LN/MN/TN/VN	2000	RF	DTB	03.12-10.08	GWMZ-70A	21011-HA101
UGJC22,UJC22	2000	LD20	DIE	88.11-94.03	GWN-56A	21010-G55Y6
UGJNC22	2000	LD20	DIE	88.11-94.03	GWN-57A	21010-G81Y5
VUGJC22	2000	LD20	DIE	86.05-93.04	GWN-56A	21010-G55Y6
VUGJNC22	2000	LD20	DIE	86.11-93.04	GWN-57A	21010-G81Y5
VUJC22	2000	LD20	DIE	85.09-94.03	GWN-56A	21010-G55Y6
VUJC22	2000	LD20	DIE	85.09-94.03	GWN-57A	21010-G81Y5
VUJNBC22	2000	LD20	DIE	88.09-91.06	GWN-57A	21010-G81Y5

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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VANETTE

VUJNC22	2000	LD20	DIE	88.09-94.03	GWN-57A	21010-G81Y5
SE28MN/TN,SS28MN/VN	2200	R2	DIE	94.04-99.07	GWMZ-30A*	21010-HC225
SE28MN/TN,SS28MN/VN	2200	R2	DIE	94.04-99.07	GWMZ-30A*	21011-HC230
SK22LN/MN/TN/VN	2200	R2	DIE	99.06-03.12	GWMZ-30A*	21011-HC230
SK22LN/MN/TN/VN	2200	R2	DIE	99.06-03.12		21011-HC231
SS28HN	2200	R2	DIE	96.10-99.07	GWMZ-30A*	21010-HC225
SS28HN	2200	R2	DIE	96.10-99.07	GWMZ-30A*	21011-HC230

VANETTE/LARGO

120,121,122	1200	A12		78.10-85.09	GWN-02A	21010-M6626
120,121,122	1200	A12		78.10-85.09	GWN-11A	21010-H7227
	1200	A12(S)			GWN-11A	21010-H7227
	1200	A12(S)		85.09-94.12	GWN-02A	21010-M6626
120,121	1400	A14		78.10-81.06	GWN-02A	21010-M6626
120,121	1400	A14		78.10-81.06	GWN-11A	21010-H7227
120,122	1500	A15		80.06-85.08	GWN-02A	21010-M6626
120,122	1500	A15		80.06-85.08	GWN-11A	21010-H7227
C22,GC22	1500	A15(S)		85.09-94.12	GWN-11A	21010-H7227
S20	1500	GAS15		94.04-94.12		21010-HC000
C23	1600	GA160DS/DE		91.06-94.05	GWN-42A	21010-0M300
GC22	1800	CA18T		86.05-94.12	GWN-31A	21010-V5529
S20	1800	GAS18		94.04-94.12	GWMZ-71A	21010-HC425
120	2000	LD20	DIE	81.06-85.08		21010-W3425
120	2000	Z20		81.06-85.08	GWN-23AF	21010-N5829
120	2000	LD20T	DIE	82.09-85.08		21010-R8486
120	2000	LD20T	DIE	82.09-85.08		21010-R8426
C22	2000	LD20	DIE	85.09-88.09	GWN-56A	21010-G5525
C22	2000	LD20	DIE	85.09-88.09	GWN-57A	21010-G5586
C22	2000	LD20	DIE	88.09-94.12	GWN-56A	21010-G8025
C22	2000	LD20	DIE	88.09-94.12	GWN-57A	21010-G8125
C22	2000	LD20T	DIE	88.09-91.06	GWN-57A	21010-G8125
C22	2000	Z20S		88.11-90.08	GWN-05A	21010-W3686
C23	2000	CD20(T)	DIE	91.06-94.12	GWN-52A	21010-57J01
C23	2000	SR20DE	DIE	91.06-93.08	GWN-48A	21010-53J00
C23	2000	SR20DE	DIE	93.08-94.12	GWN-79A	21010-52F00
GC22	2000	CA20S		86.05-94.12	GWN-31A	21010-V5529
GC22	2000	LD20	DIE	86.05-94.12	GWN-56A	21010-G8025
GC22	2000	LD20T	DIE	86.05-94.12	GWN-57A	21010-G8125
GC22	2000	LD20	DIE	86.11-94.12	GWN-57A	21010-G8125
SC22	2000	CA20		85.09-91.06	GWN-31A	21010-V5529
W30	2000	CD20TI	DIE	93.05-94.12	GWN-52A	21010-57J01
S20	2200	DIE22	DIE	94.04-94.12	GWMZ-30A*	21010-HC225
W30	2400	KA24DE		93.05-94.12	GWN-40A	21010-40F25
					GWN-31F	21082-V4405
					GWN-31F	21082-W4405

VIOLET

T11	1600	CA16S	GAS	81.06-82.08	GWN-20A	21010-D0125
T11	1600	CA16S	GAS	81.06-82.08	GWN-20A	21010-D01Y6
PT11	1800	CA18E	EGI	81.06-82.08	GWN-20A	21010-D0125
PT11	1800	CA18E	EGI	81.06-82.08	GWN-20A	21010-D01Y6
PT11	1800	CA18S	GAS	81.06-82.08	GWN-20A	21010-D0125
PT11	1800	CA18S	GAS	81.06-82.08	GWN-20A	21010-D01Y6

VIOLET/AUSTER/STANZA

A10/11	1400	A14		77.05-81.05	GWN-02A	21010-M6626
A10/11	1400	A14		77.05-81.05	GWN-11A	21010-H7227
	1600	Z16		78.04-79.06	GWN-23AF	21010-N5829
A10	1600	L16		77.05-78.04	GWN-03A	21010-21028
A10	1600	L16		77.05-78.04	GWN-12AF	21010-23028
A11	1600	Z16		78.04-79.06	GWN-03A	21010-21028
A11	1600	Z16		78.04-81.05	GWN-23AF	21010-N5829

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VIOLET/AUSTER/STANZA

P710/711	1600	L16		73.01-77.04	GWN-03A	21010-21028
P710/711	1600	L16		73.01-77.04	GWN-12AF	21010-23028
T11	1600	CA16S		81.06-94.12	GWN-20A	21010-D0126
T12	1600	CA16S		85.10-86.07	GWN-20A	21010-D0126
T12	1600	CA16S		86.07-89.12	GWN-35A	21010-06E26
A11	1800	Z18		78.10-79.07	GWN-03A	21010-21028
A11	1800	Z18		79.07-81.05	GWN-23AF	21010-N5829
T11	1800	CA18		81.06-94.12	GWN-20A	21010-D0126
T12	1800	CA18DT		85.10-86.10	GWN-31A	21010-W4426
T12	1800	CA18I/T		85.10-86.07	GWN-20A	21010-D0126
T12	1800	CA18I/D/T		86.07-89.12	GWN-35A	21010-06E26
T12	1800	CA18DT		86.10-89.12	GWN-35A	21010-06E26

WINGROAD

NY12	1500	HR15DE	EGI	05.11-08.01	GWN-87A	21010-ED325
NY12	1500	HR15DE	EGI	05.11-14.01	GWN-88A	21010-EE025
WFNY10,WFY10	1500	GA15DE	EGI	96.05-99.06	GWN-42A	21010-0M302
WFY11	1500	QG15DE	EGI	99.05-05.11	GWN-73A	21010-4M526
Y12	1500	HR15DE	EGI	05.11-14.01	GWN-89A	B1010-ED00A
Y12	1500	HR15DE	EGI	08.01-14.01	GWN-88A	21010-EE025
JY12	1800	MR18DE	EGI	05.11-14.01	GWN-90A	B1010-1GZ0A
WHNY10,WHY10	1800	SR18DE	EGI	96.05-99.06	GWN-48A	21010-53J05
WHNY11	1800	QG18DE	EGI	99.05-05.11	GWN-73A	21010-4M526
WHY11	1800	QG18DE	EGI	99.05-01.10	GWN-73A	21010-4M526
WEY10	2000	CD20	DIE	96.05-99.06	GWN-52A	21010-57J28
WPY11	2000	SR20VE	EGI	99.05-01.10	GWN-48A	21010-53J05
WRY11	2000	QR20DE	EGI	01.10-05.11	GWN-86A	21010-6N226
WRY11	2000	QR20DE	EGI	01.10-05.11		21013-6N200

X-TRAIL

DNT31	2000	M9R	DIE	08.09-14.01		21010-00Q0C
NT30,T30	2000	QR20DE	EGI	00.10-07.08	GWN-86A	21010-6N226
NT31,T31	2000	MR20DE	EGI	07.08-14.01	GWN-90A	B1010-1GZ0A
PNT30	2000	SR20VT	TBO	00.10-07.08	GWN-48A	21010-53J05
TNT31	2500	QR25DE	EGI	07.08-14.01	GWN-86A	21010-6N226

ADDITIONAL ITEMS

GWN-12AFAD (21010-G3926) NON THERMAL TYPE OF GWN-23AF

OPEL

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
OPEL (GM EUROPE)				
ASCONA B	76-91	1.2		1334058
	79-81	1.3	GWO-05AP	1334004
	75-81	1.6 1.9		1334081
	78-81	2.0 N ENG		1334081
	78-81	2.0 S ENG -C6067585		1334081
	78-81	C6067585-	GWO-14AP	1334097
	80-81	2.0 E ENG		1334081
	78-81	2.0(D) ENG -102685		1334087
	78-81	102986-		1334082
ASCONA C	82-88	1.3	GWO-05AP	1334004
	81-87	1.6 S ENG	GWG-11A	1334084
	82-86	1.6 N ENG	GWG-11A	1334084
	86-88	1.6 N ENG	GWO-10A	1334008
	82-86	1.6(D)	GWO-09A	1334099
	86-88	1.6(D)	GWO-11A	1334014
	81-86	1.8 S ENG	GWG-11A	1334084
	86-88	1.8 SE ENG	GWO-10A	1334008
	87-88	2.0 NE/SHE ENG	GWO-10A	1334008
ASTRA	91-94	1.4 C ENG	GWO-13A	90349239
	91-94	1.6 C/CZ ENG	GWO-13A	90349239
	91-94	1.7(D)	GWO-11A	90284913
	91-98	F 1.7TDS Hatchback	GWO-19A	1334069
	92-98	F 1.7TDS	GWO-19A	1334069
	91-98	F Estate 1.7TDS	GWO-19A	1334069
	00-05	G Hatchback 1.7dti 16v	GWO-19A	1334069
	00-05	G Saloon 1.7DTI 16V	GWO-19A	1334069
	00-04	G Estate 1.7DTI16V	GWO-19A	1334069
	91-94	2.0 CD Sri	GWO-10A	90220568
	91-94	2.0 Gsi	GWO-01A	1334038
CALIBRA	90-94		GWO-01A	1334038
COMBO	94-01	Hatchback(71_) 1.7D	GWO-19A	1334069
COMMODORE A	67-70	2.2 CH4923509	GWO-01A	1334035
COMMODORE B	72-78	2.5 2.8		1334081
COMMODORE C	78-82	1.7 ENG -1.7N442155		1334081
	83-83	1.7N442156-	GWO-14AP	1334097
	78-82	1.9 ENG -1.9N545154		1334081
	83-83	1.9N545154-	GWO-14AP	1334097
	78-82	2.0 ENG -2.0N197858		1334081
	83-83	2.0N197859-	GWO-14AP	1334097
	78-82	-2.0S665090		1334081
	83-83	2.0S665091-	GWO-14AP	1334097
	78-82	2.0i ENG -2.0E172888		1334081
	83-83	2.0E172888-	GWO-14AP	1334097
CORSA	83-93	1.0 1.2 1.0S 1.2N ENG		1334071
	83-93	1.2 S ENG	GWO-13A	90349239
	93-94	1.2 1.4	GWO-13A	90349239
	83-93	1.3	GWO-15AP	1334004
	91-94	1.5(D)		1334034
	96-00	Hatchback 1.7D	GWO-19A	1334069
	99-00	Box 1.7D	GWO-19A	1334069
GT/GTA	68-75	1.9	GWO-01A	1334035
KAFETT A	62-73	1.1	GWO-02A	1334029

OPEL

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
KAFETT B	62-73	1.1	GWO-02A	1334029
	65-73	1.5 1.7 1.9		1334072
KAFETT C	73-76	1.0 1.2	GWO-02A	1334029
	76-79	1.0 1.2 ENG 910301-		1334058
	73-79	1.6 1.9 2.0 1.6S 1.9/2.0E		1334090
KAFETT D	79-84	1.0 1.2 OHV		1334071
	83-94	1.2 OHC	GWO-13A	90349239
OPEL (GM EUROPE)				
KAFETT D	81-84	1.6 1.8	GWG-11A	1334084
	82-84	1.6(D)	GWO-09A	1334099
KAFETT E	84-88	1.2 OHV ENG		1334071
	84-88	1.3 S ENG	GWO-05AP	1334004
	89-91	1.4	GWO-13A	13340251
	91-91	1.5(D)		1334034
	84-87	1.6 16N/SH	GWG-11A	1334084
	87-88	LZ/SV	GWG-46A	1334011
	84-86	1.6(D)	GWO-09A	1334099
	86-88		GWO-11A	1334014
	89-91	1.7(D)	GWO-11A	1334014
	84-87	1.8	GWG-11A	1334084
	87-88		GWO-10A	1334008
	87-88	2.0 8V ENG	GWO-10A	1334008
MANTA A	71-75	1.2	GWO-02A	1334029
	70-74	1.6 1.9		1334072
MANTA B	76-81	1.2		1334058
	80-86	1.3	GWO-05AP	1334004
	75-81	1.6 N/S ENG CH -6067585	GWO-01A	1334035
	75-81	S ENG CH 6067586-		1334090
	82-90	1.8 S ENG		1334084
	76-81	1.9 N ENG	GWO-01A	1334035
	78-81	2.0 N ENG	GWO-01A	1334035
	75-81	2.0 S ENG CH -6067585	GWO-01A	1334035
	75-81	2.0 S ENG CH 6067586-	GWO-14AP	1334097
	83-89	2.0 GTE GWO-14AP	GWO-14AP	1334097
	73-82	2.0(D) ENG -20D10263	GWO-08AP	1334045
MONZA	79-88	2.5 3.0		1334081
OLIMPIA	67-71	1.5 1.7 1.9	GWO-01A	1334035
OMEGA	86-94	1.8 2.0	GWO-10A	1334008
	86-94	2.3(D)	GWO-15A	1334021
	89-94	2.4		1334009
	86-94	3.0		1334009
REKORD E	77-82	1.7 W/O AC ENG -442155		1334081
	77-82	442156-	GWO-14AP	1334097
	77-82	1.7 W/AC		1334096
	78-86	1.8 N/S ENG	GWG-11A	1334084
	77-82	1.9 W/O AC ENG -545154		1334081
	77-82	545155-	GWO-14AP	1334097
	77-82	1.9 W/AC		1334096
	77-82	2.0 W/O AC E ENG -1728881		1334081
	77-82	172889-	GWO-14AP	1334097
	77-82	2.0 W/AC		1334096
	77-82	2.0 W/O AC N ENG -197858		1334081

OPEL

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
OPEL (GM EUROPE)				
REKORD E	77-82	197859-7	GWO-14AP	1334097
	77-82	2.0 W/AC		1334096
	77-82	2.0 W/O AC S ENG -665090		1334081
	77-82	665091-	GWO-14AP	1334097
	77-82	2.0 W/AC		1334096
	78-82	2.0i E ENG -172888		1334081
	83-94	2.0i 172889-	GWO-14AP	1334097
	78-82	2.0(D) D ENG -10263	GWO-08AP	1334045
	77-86	2.1(D) W/O AC		1334094
	84-86	2.2 W/AC		1334096
	83-86	2.2i	GWO-14AP	1334097
	78-86	2.3(D) W/O AC ENG -55082	GWO-08AP	1334045
	78-86	455083-121526		1334082
	78-86	121527-		1334000
	78-86	2.3(D) W/AC		1334061
	84-86	2.3(D) TURBO		1334082
SENATOR A	86-86	2.0 2.2 W/O AC	GWO-14AP	1334097
	78-86	2.5 2.6 3.0		1334081
SENATOR B	87-94	2.5 2.6 3.0		1334009
	-		GWO-15A	1334021
VECTRA	89-94	1.4 1.6	GWG-46A	1334011
	89-94	1.7(D)	GWO-11A	1334014
	89-94	1.8	GWO-10A	1334008
	89-94	2.0 EXC 16V ENG	GWO-10A	1334008
	89-94	2.0 16V ENG	GWO-12A	1334017
	90-95	A Hatchback 1.7D	GWO-19A	1334069
	90-95	A Saloon 1.7D	GWO-19A	1334069
	95-98	B Hatchback 1.7D	GWO-19A	1334069
	95-98	B Saloon 1.7D	GWO-19A	1334069
	96-97	B Estate 1.7D	GWO-19A	1334069

PEUGEOT

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
104	72-83		GWP-08AP	1202-58
106 II	96.05-	HDZ 1.1L	GWP-14A	1201-G0
205	83-87	1.0 XV8 ENG	GWP-08AP	1202-58
	87-94	1.0 TU9 ENG ALUM BLOCK		1207-18
	83-87	1.1 XW7 ENG	GWP-08AP	1202-58
	88-94	1.1 TU9 ENG ALUM BLOCK		1207-18
	87-94	1.1 E1(OHV)ENG		1201-45
	87-94	1.1 F1(OHV)ENG		1201-45
	87-94	1.3 G1 ENG		1201-45
	87-94	1.3 TU24 ENG ALUM BLOCK		1207-18
	83-88	1.4 XY6/7/8 ENG GT & XS	GWP-08AP	1202-58
	88-94	1.4 TU3 ENG ALUM BLOCK		1207-18
	88-94	1.4 J2 ENG GT & XS		1201-45
	84-91	1.6 XU5 ENG Cti & Gti		1201-39
	83-	1.8(D)		
	-	1.8 TURBO(D) , 1.9 PETROL , 1.9(D)		
309	86-92	1.1 1.3 OHV ENG		1201-45
404	60-75	1.8 DISENGAGED FAN	GWP-01A	1202-60
	-	FIXED FAN		1202-37
	67-74	2.0(D)	GWP-02A	1202-90
504	68-78	1.8 DISENGAGED FAN	GWP-01A	1202-60
	-	FIXED FAN		1202-37
	78-	1.8 2.0 AUTO FAN REMOTE STATCH -2964000	GWP-05A	1202-71
	-82	1.8 2.0 AUTO FAN STAT IN PUMPCH 2964001-	GWP-04A	1202-83
	77-	1.8 2.0 FIXED FAN REMOTE STATCH -3061636	GWP-04A	1202-83
	-82	1.8 2.0 FIXED FAN STAT IN PUMPCH 3061637-	GWP-07A	1202-98
	74-78	2.0(D) XD88 ENG		1202-86
	78-81	2.1(D) XD90 ENG		1202-63
	77-82	2.3(D) XD2 ENG		1202-87
505	79-90	1.6 1.8 2.0 FIXED FANCH -3061636 OHV	GWP-07A	1202-98
	90-94	1.6 1.8 2.0 AUTO FANCH 3061636- OHV	GWP-06A	1202-97
PEUGEOT LIGHT COMMERCIAL				
205 VAN	85-87	1.1 XW7 ENG	GWP-08A	1202-58
205 PICKUP & VAN	77-	1.8 AUTO FAN REMOTE STAT CH -2964000	GWP-05A	1202-71
	-82	1.8 AUTO FAN STAT IN PUMP CH 2964001-	GWP-06A	1202-97
	77-	1.8 FIXED FAN REMOTE STAT CH -3061637	GWP-04A	1202-83
	-82	1.8 FIXED FAN STAT IN PUMP CH 3061638-	GWP-07A	1202-98
206 HATCHBACK	98.09-	HFX 1.1L	GWP-14A	1201-G0
	98.09-	KFW 1.4L	GWP-14A	1201-G0
207 SW	07.06-	KFV 1.4L	GWP-14A	1201-G0
306 HATCHBACK	93.05-01.05	KDX,KFW,KFX 1.4L	GWP-14A	1201-G0
BIPPER	08.02-	KFV 1.4L	GWP-14A	1201-G0
PARTNER	96.06-	HFX 1.1L	GWP-14A	1201-G0

RENAULT

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
AVANTIME	01.11-03.05	F4R 2.0L 16V TURBO	GWR-13A	7701472182
CLIO	90-94	1.1 OHV ENG	GWR-11A	7701462145
	90-94	1.2 1.4 OHC ENG		7701633125
	91-94	1.8 16V	GWR-06A	7701463397
	91-94	1.9(D)	GWR-06A	7701463397
	98-05	II Hatchback1.4	GWR-14A	7701478018
	99-04	II (BBO/1/2,CBO1/2) 1.4	GWR-15A	8200428447
	98-	II (BBO/1/2,CBO1/2) 1.6	GWR-15A	8200428447
	05-	III (BRO/1,CRO/1)	GWR-15A	8200428447
	09-	III (BRO/1,CRO/1)	GWR-15A	8200428447
	08-	Grandtour(KR0/1)	GWR-15A	8200428447
	99-04	II (BBO/1/2,CBO1/2) 1.4(B/CB0L)	GWR-16A	8200962185
	98-	II (BBO/1/2,CBO1/2) 1.6(BB01,BB0H,BB0T)	GWR-16A	8200962185
	05-	III (BRO/1,CRO/1)(BR09,BR0T,CR09)	GWR-16A	8200962185
	09-	III (BRO/1,CRO/1)(BR10,CR10)	GWR-16A	8200962185
	08-	Grandtour(KR0B/10)	GWR-16A	8200962185
ESPACE	02.11-	F4R 2.0L	GWR-13A	7701472182
EXTRA VAN	86-94	1.1 1.4	GWR-11A	7701463377
	86-94	1.6(D)	GWR-06A	7701463397
FULENCE	10-	1.6 16V(L301,F30F,L30P,L30R)	GWR-15A	8200428447
	10-	1.6 16V(L301,F30F,L30P,L30R)	GWR-16A	8200962185
KANGOO	08-	GRAND KANGOO(KW0/1) 1.6	GWR-14A	7701478018
	08-	Express(FW0/1) 1.6	GWR-14A	7701478018
	05-	(KC0/1_) 1.4 16V bivalent	GWR-15A	8200428447
	05-	(KC0/1_) 1.4 16V	GWR-15A	8200428447
	01-	(KC0/1_) 1.4 16V 4x4(KC0P,KC0S,KC0L)	GWR-15A	8200428447
	01-	Express(FC0/1_) 1.6 16V	GWR-15A	8200428447
	01-	Express(FC0/1_) 1.6 16V 4X4 (FC0L,FC0P,FC0S)	GWR-15A	8200428447
	08-	GRAND KANGOO(KW0/1) 1.6 (KW0D)	GWR-15A	8200428447
	08-	Express(FW0/1) 1.6 16V LPG	GWR-15A	8200428447
	09-	BE BOP (KW0/1) 1.6 16V (KW0D)	GWR-15A	8200428447
	05-	(KC0/1_) 1.4 16V bivalent	GWR-16A	8200962185
	05-	(KC0/1_) 1.4 16V	GWR-16A	8200962185
	01-	(KC0/1_) 1.4 16V 4x4(KC0P,KC0S,KC0L)	GWR-16A	8200962185
	01-	Express(FC0/1_) 1.6 16V	GWR-16A	8200962185
	01-	Express(FC0/1_) 1.6 16V 4X4 (FC0L,FC0P,FC0S)	GWR-16A	8200962185
	08-	GRAND KANGOO(KW0/1) 1.6 (KW0D)	GWR-16A	8200962185
	08-	Express(FW0/1) 1.6 16V LPG	GWR-16A	8200962185
	09-	BE BOP (KW0/1) 1.6 16V (KW0D)	GWR-16A	8200962185
LAGUNA	01.03-	F4P 1.8L 16V	GWR-13A	7701472182
	97-01	I (B56_,556_)1.6 16V(B568,B561)	GWR-15A	8200428447
	97-01	I Grandtour (K56) 1.6 16V(K568)	GWR-15A	8200428447
	01-	II (BG0/1_) 1.616V(BG0A, BG0L)	GWR-15A	8200428447
	01-	II (BG0/1_) 1.616V(BG1G, BG1H)	GWR-15A	8200428447
	05-	II Grandtour(KG0/1) 1.616V(KG0A,KG0L)	GWR-15A	8200428447
	07-	III(BT0/1_) 1.6 (BT04,BT0W,BA10)	GWR-15A	8200428447
	07-	III Grandtour(KT0/1) 1.6 KT0D)	GWR-15A	8200428447
	97-01	I (B56_,556_)1.6 16V(B568,B561)	GWR-16A	8200962185
	97-01	I Grandtour (K56) 1.6 16V(K568)	GWR-16A	8200962185
	01-	II (BG0/1_) 1.616V(BG0A, BG0L)	GWR-16A	8200962185
	01-	II (BG0/1_) 1.616V(BG1G, BG1H)	GWR-16A	8200962185
	05-	II Grandtour(KG0/1) 1.616V(KG0A,KG0L)	GWR-16A	8200962185
	07-	III(BT0/1_) 1.6 (BT04,BT0W,BA10)	GWR-16A	8200962185
	07-	III Grandtour(KT0/1) 1.6 KT0D)	GWR-16A	8200962185

RENAULT

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
LOGAN	04-	(LS_) 1.4 1.6	GWR-14A	7701478018
	07-	Estate(KS_) 1.4 1.6	GWR-14A	7701478018
	07-	(LS_) 1.6	GWR-15A	8200428447
	07-	Estate(KS_) 1.6	GWR-15A	8200428447
	07-	(LS_) 1.6	GWR-16A	8200962185
	07-	Estate(KS_) 1.6	GWR-16A	8200962185
MASTER	81-86	2.0 2.2 PETROL		7701461006
	80-90	2.5(D) EXC TURBO SOFIM ENG		7701462808
MEGANE	96-99	I (BA0/1) 1.6i /1.6e Hatchback	GWR-14A	7701478018
	96-99	I Classic(LA0/1) 1.6i /1.6e Saloon	GWR-14A	7701478018
	99-03	I Grandtour(KA0/1) 1.6e	GWR-14A	7701478018
	96-99	I Coach(DA0/1) 1.6e	GWR-14A	7701478018
	96-99	I Cabriolet(EA0/1) 1.6e	GWR-14A	7701478018
	96-99	Scenic(JA0/1) 1.6i/1.6e	GWR-14A	7701478018
	99-03	I (BA0/1) 1.4 /1.6 16v	GWR-15A	8200428447
	99-03	I Classic(LA0/1) 1.4/1.6 16V	GWR-15A	8200428447
	99-03	I Grandtour(KA0/1) 1.4/1.6 16V	GWR-15A	8200428447
	99-03	I Coach(DA0/1) 1.4/1.6 16V	GWR-15A	8200428447
	99-03	I Cabriolet(EA0/1) 1.4/1.6 16V	GWR-15A	8200428447
	99-03	Scenic(JA0/1) 1.6V	GWR-15A	8200428447
	02.11-	II F4R 2.0L 16V TURBO	GWR-13A	7701472182
	02.-	II (BM0/1_)CM0/1) 1.4/1.6 16V Hatchback	GWR-15A	8200428447
	02.-	II Saloon(LM0/1)1.4 1.6	GWR-15A	8200428447
	03.-	II Estate(KM0/1)1.4 1.6	GWR-15A	8200428447
	03.-	II Coupe-Cabriolet(EM0/1) 1.6	GWR-15A	8200428447
	08.-	III Hatchback(BZ0_) 1.6	GWR-15A	8200428447
	09.-	III Saloon 1.6 16V	GWR-15A	8200428447
	08.-	III Grandtour(KZ0/1) 1.6 16V	GWR-15A	8200428447
	08.-	III Coupe(DZ0/1_) 1.6 16V	GWR-15A	8200428447
	10.-	CC(EZ0/1) 1.6 16V	GWR-15A	8200428447
	99-03	I (BA0/1) 1.4 /1.6 16v	GWR-16A	8200962185
	99-03	I Classic(LA0/1) 1.4/1.6 16V	GWR-16A	8200962185
	99-03	I Grandtour(KA0/1) 1.4/1.6 16V	GWR-16A	8200962185
	99-03	I Coach(DA0/1) 1.4/1.6 16V	GWR-16A	8200962185
	99-03	I Cabriolet(EA0/1) 1.4/1.6 16V	GWR-16A	8200962185
	99-03	Scenic(JA0/1) 1.6V	GWR-16A	8200962185
	02.-	II (BM0/1_)CM0/1) 1.4/1.6 16V Hatchback	GWR-16A	8200962185
	02.-	II Saloon(LM0/1)1.4 1.6	GWR-16A	8200962185
	03.-	II Estate(KM0/1)1.4 1.6	GWR-16A	8200962185
	03.-	II Coupe-Cabriolet(EM0/1) 1.6	GWR-16A	8200962185
	08.-	III Hatchback(BZ0_) 1.6	GWR-16A	8200962185
	09.-	III Saloon 1.6 16V	GWR-16A	8200962185
	08.-	III Grandtour(KZ0/1) 1.6 16V	GWR-16A	8200962185
	08.-	III Coupe(DZ0/1_) 1.6 16V	GWR-16A	8200962185
	10.-	CC(EZ0/1) 1.6 16V	GWR-16A	8200962185
MODUS	04.-	(F/JPO_) 1.4 1.6 Hatchback	GWR-15A	8200428447
	04.-	(F/JPO_) 1.4 1.6 Hatchback	GWR-16A	8200962185
R4	61-75	0.75 R1120 W/O PULLEY	GWR-02A	7701461173
	74-87	0.8 R1126 W/O PULLEY	GWR-02A	7701457595
	76-87	0.85 R1123 1124 W/O PULLEY	GWR-02A	7701461173
	77-86	1.1 R1128 1129	GWR-03A	7701457671
R4/4F4 VAN	77-85	1.1	GWR-03A	7701457671

RENAULT

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
R5	72-79	1.0 W/PULLEY ENG -262916		7701455172
	-	1.0 W/O PULLEY ENG 292917-	GWR-03A	7701455172
	79-84	1.1	GWR-03A	7701457671
	74-84	1.3 MANUAL	GWR-03A	7701457671
	82-85	1.4 INC TURBO VAN PICKUP	GWR-03A	7701457671
	76-85	1.4 INC TURBO PASS		7701461239
R5 SUPER	85-92	1	GWR-11A	7701463377
	86-90	1.2	GWR-11A	7701463377
	85-92	1.4 INC GT TURBO	GWR-11A	7701463377
	85-92	1.6(D)	GWR-06A	7701463397
	85-92	1.7	GWR-06A	7701463397
R5 VAN	85-90	1.1 1.2	GWR-11A	7701463377
	85-90	1.6(D)	GWR-06A	7701463397
R6	77-80	1.1 RR1181	GWR-03A	7701505397
	73-80	0.85 RODEO 4D1128 ACL28	GWR-03A	7701505397
R9	82-87	1.1 1.2 1.4 INC TURBO	GWR-11A	7701462145
	83-88	1.6(D)	GWR-06A	7701463397
	82-89	1.1 1.2 1.4	GWR-06A	7701463397
R11	82-87	1.1 1.2	GWR-11A	7701462145
	83-87	1.4 INC TURBO	GWR-11A	7701462145
	83-87	1.6(D)	GWR-06A	7701463397
	84-87	1.7	GWR-06A	7701463397
R12	69-80	1.3 R1170/1/7/9 R1330/7/8 R2360	GWR-01A	7701502962
	71-75	1.3 R1172/4/8 R1331/2/4		7701508546
	71-75	1.6 GORDINI		7701508546
R14	77-82	1.2 1.4	GWP-08AP	7701459820
R15	69-72	1.3	GWR-01A	7701502962
R15	73-80	1.6		7701508546
R17	71-79			7701508546
R18	83-86	1.4 R1340/50/59/2350		7701462389
	78-82	1.6 EXC TURBO R1341/5/51/58		7701461236
	78-85	2.0 R1343/53		7701463182
	78-85	2.1(D) R1344/54		7701463182
R19	88-94	1.2 OHV	GWR-11A	7701462145
	88-94	1.4 OHV	GWR-11A	7701462145
	-	OHC		7701633125
	-		GWR-12A	7701464736
	-		GWR-12A	7701465816
	-		GWR-12A	7701466578
	88-94	1.7	GWR-06A	7701463397
	90-94	1.8 16V	GWR-06A	7701463397
	88-94	1.9(D) INC TURBO	GWR-06A	7701463397
R20	77-84	2.0 R1272/7		7701461006
	79-84	2.2 R1279		701461006

RENAULT

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
R21	88-94	1.4 OHV	GWR-11A	7701462145
	86-94	1.7	GWR-06A	7701463397
	89-94	1.9(D) INC TURBO	GWR-06A	7701463397
	86-94	2.0 INC 4X4 EXC TURBO		7701464030
	87-94	2.0 TURBO INC TURBO		7701464538
	86-89	2.1(D) INC TURBO		7701464030
R25	84-92	2.0 J6R/J7R ENG		7701461006
	84-90	2.2 J7T ENG		7701461006
	85-90	2.5 TURBO V6 Z7U ENG		7701464756
SCENIC	99-03	I (JA0/1_) 1.4 1.6	GWR-15A	8200428447
	99-03	I (JA0/1_) 1.4 1.6	GWR-16A	8200962185
	03-	II (JM0/1_) 1.4 1.6	GWR-15A	8200428447
	03-	II (JM0/1_) 1.4 1.6	GWR-16A	8200962185
	09-	III (JZ0/1) 1.6 16V	GWR-15A	8200428447
	09-	III (JZ0/1) 1.6 16V	GWR-16A	8200962185
THALIA	00-	I (LB0/1/2_) 1.4 1.6	GWR-15A	8200428447
	00-	I (LB0/1/2_) 1.4 1.6	GWR-16A	8200962185
TRAFIC	83-89	1.4		7701462389
	86-89	1.7 PETROL	GWR-06A	7701463397
	86-89	2.0 PETROL		7701461006
	81-94	2.5(D) SOFIM ENG		7701462808
	06.08-	II F4R 2.0L 16V	GWR-13A	7701472182
TWINGO	08.-	II (CN 0_) 1.6 RS	GWR-15A	8200428447
	08.-	II (CN 0_) 1.6 RS	GWR-16A	8200962185
WIND	10-	(E4M) 1.6 (E4MB,E4MC)	GWR-15A	8200428447
	10-	(E4M) 1.6 (E4MB,E4MC)	GWR-16A	8200962185

SAAB

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
90	84-85	2.0 B201 ENG	GWSA-02A	8817900
900	94-97	V6 2.5L	GWSA-04A	8821944
9000	95-97	V6 3.0L	GWSA-04A	5958061
9000i	86-92	INC TURBO & 16V ENG	GWSA-03A	8817918
9-5	99-03	V6 3.0L	GWSA-04A	4770970
95	66-76	1.5 V4 OHV		8810988
96	66-76	1.5 V4 OHV		8810988
99	82-84	2.0 B201 ENG	GWSA-02A	7507460
200	79-91	2.0 INC TURBO	GWSA-02A	7507460
CDi	88-94	2.0 INC TURBO	GWSA-03A	8817918

SUBARU

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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ALCYONE

AX4/7	1800	EA82	TBO	85.06-91.08	GWSU-14A	21110-AA026
AX9	2700	ER27	EGI	87.07-91.08		21110-AA110
CXD	3300	EG33	EGI	91.09-93.10		X2111-AA000
CXW	3300	EG33	EGI	91.09-96.11		X2111-AA000

DEX

M401F,M411F	1300	K3VE	EFI	08.10-14.01	GWT-100A	16100-B9010
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DIAS

S321N,S331N	660	KFDET	EGI	09.08-10.08		16100-B9460
S321N,S331N	660	KFDET	EGI	09.08-10.08		16100-B9461

DOMINGO

KJ5	1000	EF10	GAS	83.10-94.06		497095500
KJ6	1000	EF10	GAS	83.10-86.05		497095500
FA7/8	1200	EF12	MPI	94.06-98.11		21118-KA000
KJ8	1200	EF12	GAS	86.06-94.06		21118-KA000

EXIGA

YA4/5	2000	EJ20	EGI	08.04-10.08		21111-AA331
YA4/5	2000	EJ20	EGI	09.07-14.01		21111-AA450
YA5	2000	EJ20	TBO	08.04-14.01		21111-AA430
YA9	2500	EJ25	EGI	09.07-14.01		21111-AA320

FORESTER

SF5	2000	EJ20	TBO	97.02-02.01	GWSU-16A	X2111-AA042
SF5	2000	EJ20	TBO	97.02-02.01	GWSU-15A	X2111-AA082
SF5	2000	EJ20	EGI	97.06-02.01	GWSU-12A	X2111-AA033
SG5	2000	EJ20	EGI	01.11-05.01	GWSU-12A	X2111-AA033
SG5	2000	EJ20	TBO	01.11-03.12	GWSU-16A	X2111-AA042
SG5	2000	EJ20	TBO	01.11-03.12	GWSU-15A	X2111-AA082
SG5	2000	EJ20	TBO	03.11-14.01		X2111-AA250
SG5	2000	EJ20	TBO	03.12-14.01		X2111-AA240
SG5	2000	EJ20	EGI	04.11-14.01		X2111-AA280
SH5	2000	EJ20	EGI	07.09-10.09		21111-AA331
SH5	2000	EJ20	TBO	07.09-14.01		21111-AA430
SHJ	2000	FB20	EGI	10.07-14.01		21110-AA690
SF9	2500	EJ25	EGI	98.08-02.01	GWSU-12A	X2111-AA033
SG9	2500	EJ25	TBO	03.11-14.01		X2111-AA240
SH9	2500	EJ25	TBO	10.07-14.01		21111-AA430

IMPREZA

GC1	1500	EJ15	EPI	92.11-00.07	GWSU-12A	X2111-AA033
GC1	1500	EJ15		92.11-94.12	GWSU-12A	21111-AA002
GC2,GF2	1500	EJ15	EPI	96.09-00.07	GWSU-12A	X2111-AA033
GD2/3	1500	EJ15	EGI	03.06-07.06	GWSU-12A	X2111-AA033
GDC,GGC	1500	EL15	EGI	06.04-07.06		X2111-AA320
GDD	1500	EL15	EGI	06.06-07.06		X2111-AA320
GF1	1500	EJ15	EPI	94.09-00.07	GWSU-12A	X2111-AA033
GG2	1500	EJ15	EGI	00.02-07.06	GWSU-12A	X2111-AA033
GG3	1500	EJ15	EGI	00.03-07.06	GWSU-12A	X2111-AA033
GGD	1500	EL15	EGI	06.05-07.06		X2111-AA320
GH2/3	1500	EL15	EGI	07.03-14.01		21111-AA331
GC4,GF3	1600	EJ16	EPI	92.11-96.08	GWSU-12A	X2111-AA033
GC4,GF3	1600	EJ16		92.11-94.12	GWSU-12A	21111-AA002
GF4	1600	EJ16	EPI	93.10-96.08	GWSU-12A	X2111-AA033
GC6	1800	EJ18	EPI	92.11-96.08	GWSU-12A	X2111-AA033
GC6,GF4/6	1800	EJ18		92.11-94.12	GWSU-12A	21111-AA002
GF5	1800	EJ18	EPI	96.09-00.07	GWSU-12A	X2111-AA033
GF6	1800	EJ18	EPI	92.11-00.07	GWSU-12A	X2111-AA033
GFA	1800	EJ18	EPI	92.11-94.08	GWSU-12A	X2111-AA033
GC8	2000	EJ20	TBO	92.11-00.07	GWSU-15A	X2111-AA082

SUBARU

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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IMPREZA

GC8	2000	EJ20	TBO	93.10-94.08	GWSU-16A	X2111-AA042
GC8	2000	EJ20	EPI	96.09-00.07	GWSU-12A	X2111-AA033
GC8,GF8	2000	EJ20		92.11-94.12	GWSU-15A	21111-AA022
GC8,GF8	2000	EJ20		93.10-94.12	GWSU-16A	21111-AA061
GD9	2000	EJ20	EGI	00.03-03.07	GWSU-12A	X2111-AA033
GDA	2000	EJ20	TBO	00.03-03.07	GWSU-16A	X2111-AA042
GDA	2000	EJ20	TBO	00.03-03.07	GWSU-15A	X2111-AA082
GDA	2000	EJ20	TBO	03.06-07.06		X2111-AA240
GDA,GGA	2000	EJ20	TBO	03.06-07.06		X2111-AA250
GDB	2000	EJ20	TBO	00.03-02.09	GWSU-15A	X2111-AA082
GDB	2000	EJ20	TBO	02.09-07.06		X2111-AA240
GDB	2000	EJ20	TBO	02.09-07.06		X2111-AA250
GF8	2000	EJ20	TBO	93.10-00.07	GWSU-16A	X2111-AA042
GF8	2000	EJ20	TBO	93.10-00.07	GWSU-15A	X2111-AA082
GF8	2000	EJ20	EPI	96.01-00.07	GWSU-12A	X2111-AA033
GG9	2000	EJ20	EGI	00.03-04.04	GWSU-12A	X2111-AA033
GGA	2000	EJ20	TBO	00.02-03.07	GWSU-16A	X2111-AA042
GGA	2000	EJ20	TBO	00.02-03.07	GWSU-15A	X2111-AA082
GGA	2000	EJ20	TBO	03.08-07.06		X2111-AA240
GGB	2000	EJ20	TBO	00.04-02.09	GWSU-15A	X2111-AA082
GH6	2000	EJ20	EGI	08.07-14.01		21111-AA320
GH7	2000	EJ20	EGI	07.03-14.01		21111-AA320
GH8	2000	EJ20	TBO	07.03-08.09	GWSU-15A	21111-AA240
GH8	2000	EJ20	TBO	07.03-14.01		21111-AA250
GRB	2000	EJ20	TBO	07.08-10.06	GWSU-15A	21111-AA240
GRB	2000	EJ20	TBO	09.01-10.06	GWSU-15A	21111-AA240
GRF	2500	EJ25	TBO	08.12-10.06	GWSU-15A	21111-AA240
GRF	2500	EJ25	TBO	09.01-10.06	GWSU-15A	21111-AA240

IMPREZA ANESIS

GE2/3	1500	EL15	EGI	08.07-14.01		21111-AA331
GE6/7	2000	EJ20	EGI	08.07-14.01		21111-AA320

IMPREZA XV

GH2/3	1500	EL15	EGI	10.04-14.01		21111-AA331
GH6/7	2000	EJ20	EGI	10.04-14.01		21111-AA320

JUSTY

KA5/6	1000	EF10	GAS	84.02-88.10		417415600
KA5/6	1000	EF10	GAS	84.02-88.10		497095500
KA7	1200	EF12	GAS	88.11-94.03		21118-KA000
KA7	1200	EF12	GAS	88.11-94.03		21135-KA000
KA8	1200	EF12	GAS	85.10-94.03		21118-KA000
KA8	1200	EF12	GAS	85.10-94.03		21135-KA000

LEGACY

BC2/3,BF3	1800	EJ18	SPI	89.02-93.09	GWSU-12A	21111-AA007
BD2/3,BG3	1800	EJ18	MPI	94.06-98.11	GWSU-12A	X2111-AA033
BG2	1800	EJ18	MPI	96.06-98.11	GWSU-12A	X2111-AA033
BC4/C5,BF5/FA	2000	EJ20	MPI	89.02-93.09	GWSU-12A	21111-AA007
BC5	2000	EJ20	TBO	89.02-93.09	GWSU-15A	21111-AA026
BC5	2000	EJ20	SPI	91.06-93.09	GWSU-12A	21111-AA007
BC5,BF5	2000	EJ20	TBO	91.06-93.09	GWSU-16A	21111-AA065
BCA	2000	EJ20	MPI	90.05-93.09	GWSU-12A	21111-AA007
BD4/D5,BG4/G5/GA	2000	EJ20	MPI	93.10-98.11	GWSU-12A	X2111-AA033
BD5,BG5	2000	EJ20	TBO	93.10-98.11	GWSU-16A	X2111-AA042
BD5,BG5	2000	EJ20	TBO	93.10-98.11	GWSU-15A	X2111-AA082
BE5	2000	EJ20	MPI	98.11-00.04	GWSU-12A	X2111-AA033
BE5	2000	EJ20	TBO	98.11-03.04	GWSU-16A	X2111-AA042
BE5	2000	EJ20	TBO	98.11-03.04	GWSU-15A	X2111-AA082
BE5,BH5	2000	EJ20	EGI	00.05-03.04	GWSU-12A	X2111-AA033
BES	2000	EJ20	TBO	02.11-03.04	GWSU-15A	X2111-AA082

SUBARU

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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LEGACY

BF4	2000	EJ20	MPI	92.06-93.09	GWSU-12A	21111-AA007
BF5	2000	EJ20	TBO	89.10-93.09	GWSU-15A	21111-AA026
BH5	2000	EJ20	MPI	98.06-00.04	GWSU-12A	X2111-AA033
BH5	2000	EJ20	TBO	98.06-03.04	GWSU-16A	X2111-AA042
BH5	2000	EJ20	TBO	98.06-03.04	GWSU-15A	X2111-AA082
BL5	2000	EJ20	EGI	03.02-08.04		X2111-AA260
BL5	2000	EJ20	TBO	03.02-09.02		X2111-AA250
BL5	2000	EJ20	EGI	03.03-09.02		X2111-AA280
BL5	2000	EJ20	TBO	03.03-09.02		X2111-AA240
BL5	2000	EJ20	CNG	04.01-07.04		X2111-AA260
BP5	2000	EJ20	EGI	02.12-09.02		X2111-AA280
BP5	2000	EJ20	TBO	02.12-09.02		X2111-AA240
BP5	2000	EJ20	EGI	03.01-08.04		X2111-AA260
BP5	2000	EJ20	TBO	03.01-09.02		X2111-AA250
BF7/FB	2200	EJ22	MPI	92.06-93.09	GWSU-12A	21111-AA007
BG7/GB	2200	EJ22	MPI	93.10-96.05	GWSU-12A	X2111-AA033
BD9,BG9/GC	2500	EJ25	MPI	94.10-98.11	GWSU-21A	X2111-AA092
BE9	2500	EJ25	EGI	01.05-03.04	GWSU-12A	X2111-AA033
BH9	2500	EJ25	EGI	00.05-03.04	GWSU-12A	X2111-AA033
BH9/HC	2500	EJ25	MPI	98.06-00.04	GWSU-12A	X2111-AA033
BHC	2500	EJ25	EGI	00.05-01.04	GWSU-12A	X2111-AA033
BL9,BP9	2500	EJ25	EGI	07.11-09.02		X2111-AA280
BL9,BP9	2500	EJ25	TBO	08.03-09.02		X2111-AA240
BM9,BR9	2500	EJ25	EGI	09.02-14.01		21111-AA320
BM9,BR9	2500	EJ25	TBO	09.02-14.01		21111-AA370
BM9,BR9	2500	EJ25	TBO	09.02-14.01		21111-AA380
BEE,BHE	3000	EZ30	EGI	02.01-03.04		21110-AA360
BLE,BPE	3000	EZ30	EGI	03.06-09.02		21110-AA360

LEGACY LANCASTER

BH9	2500	EJ25	MPI	98.06-00.04	GWSU-12A	X2111-AA033
BH9	2500	EJ25	EGI	99.05-03.04	GWSU-12A	X2111-AA033
BHE	3000	EZ30	EGI	00.05-03.04		21110-AA360

LEGACY OUTBACK

BP9	2500	EJ25	EGI	03.06-09.02		X2111-AA280
BPH	2500	EJ25	TBO	08.03-09.02		X2111-AA250
BR9	2500	EJ25	EGI	09.02-14.01		21111-AA320
BPE	3000	EZ30	EGI	03.06-09.02		21110-AA360
BRF	3600	EZ36	EGI	09.02-14.01		21110-AA510

LEONE

AA2/3	1600	EA71	GAS	84.07-89.01	GWSU-11A	21110-AA003
AA2/3,AP2/3	1600	EA71	GAS	87.10-94.03		21110-AA121
AP2/3	1600	EA71	GAS	84.10-89.01	GWSU-11A	21110-AA003
AP8/9	1600	EA71	GAS	88.09-94.03		21110-AA121
AA4	1800	EA82	GAS	84.07-86.09	GWSU-14A	21110-AA026
AA4/5	1800	EA82	GAS	84.07-89.01	GWSU-13A	21110-AA017
AA5/7	1800	EA82	TBO	84.07-89.01	GWSU-13A	21110-AA017
AG4/5	1800	EA82	GAS	85.11-87.09	GWSU-13A	21110-AA017
AG5	1800	EA82	TBO	85.11-86.09	GWSU-13A	21110-AA017
AG6	1800	EA82	TBO	86.04-89.01	GWSU-13A	21110-AA017
AL5	1800	EA82	GAS	84.10-89.01	GWSU-13A	21110-AA017
AL5	1800	EA82	TBO	85.10-87.09	GWSU-13A	21110-AA017
AL7	1800	EA82	TBO	84.10-89.01	GWSU-13A	21110-AA017
AP5	1800	EA82	GAS	85.10-89.01	GWSU-13A	21110-AA017

LEONE/LEGACY/ALCYONE

A21/61	1100	EA61		72.01-73.12	GWSU-01A	31076-0120
A25	1200	EA64		73.01-74.12	GWSU-01A	31076-0120
A65	1200	EA64		74.01-79.12	GWSU-01A	31076-0120
AF1,AM1	1300	EA65		79.05-84.10	GWSU-04A	41076-7200

SUBARU

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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LEONE/LEGACY/ALCYONE

A22/64	1400	EA63		71.01-77.12	GWSU-01A	31076-0120
A32	1400	EA63		77.01-79.12	GWSU-01A	31076-0120
A62	1400	EA63		72.01-79.12	GWSU-01A	31076-0120
A26/27	1600	EA71		75.01-77.12	GWSU-01A	31076-8110
A33/34	1600	EA71		77.01-79.12	GWSU-01A	31076-8110
A67	1600	EA71		75.01-79.12	GWSU-01A	31076-8110
AA2/A3/P2/P3	1600	EA71		84.06-87.03	GWSU-11A	21110-AA002
AB2/F2/F3/M2/M3	1600	EA71		79.06-84.10	GWSU-04A	41076-7200
AP2/P3	1600	EA71		87.03-94.12		21110-AA121
AA4/A5/L5/G4/G5/G6/P5	1800	EA82		84.06-94.12	GWSU-13A	21110-AA015
AA7/L7/X4/X7	1800	EA82		84.06-94.12	GWSU-14A	21110-AA025
AB4/B5/F5/M5/J5	1800	EA81	TBO	79.05-84.10	GWSU-03A	21110-AA060
AB4/B5/F5/M5/J5	1800	EA81	TBO	79.05-84.10	GWSU-06A	21110-AA070
BC2/C3/F3	1800	EJ182		89.02-94.12	GWSU-12A	21111-AA002
BC4/C5/F5/F5A	2000	EJ20		89.02-94.12	GWSU-12A	21111-AA002
BD4/D5/G4/G5	2000	EJ20E/D		93.10-94.12	GWSU-12A	21111-AA002
	2000	EJ20G		93.10-94.12	GWSU-16A	21111-AA061
	2000	EJ20G		93.10-94.12	GWSU-15A	21111-AA022
BG7	2200	EJ22		93.10-94.12	GWSU-12A	21111-AA002
AX9	2700	ER27		87.07-94.12		21110-AA110
CXW/XD	3300	EG33		91.09-94.12	GWSU-12A	21111-AA033

LUCRA

L455F,L465F	660	KFDET	TBO	10.04-14.01	GWD-55A	16100-B9452
L455F,L465F	660	KFVE	EGI	10.04-14.01	GWD-55A	16100-B9452

PLEO

L275B/F,L285B/F	660	KFVE	EGI	10.04-14.01	GWD-55A	16100-B9452
L275F,L285F	660	KFDET	TBO	10.04-14.01	GWD-55A	16100-B9452
RA1	660	EN07	MSC	98.04-03.10	GWSU-20A	21111-KA271
RA1	660	EN07	MPI	98.06-08.08	GWSU-18A	21111-KA282
RA1	660	EN07	MPI	99.04-00.09	GWSU-18A	21111-KA240
RA1	660	EN07	MSC	99.04-00.09	GWSU-20A	21111-KA230
RA1/2	660	EN07	MSC	98.04-02.09	GWSU-18A	21111-KA282
RA1/2	660	EN07	MSC	99.04-00.09	GWSU-18A	21111-KA240
RA1/2	660	EN07	EGI	99.09-08.08	GWSU-18A	21111-KA282
RA2	660	EN07	MPI	98.04-08.08	GWSU-18A	21111-KA282
RA2	660	EN07	MPI	99.06-00.09	GWSU-18A	21111-KA240
RA2	660	EN07	MSC	99.07-00.09	GWSU-20A	21111-KA230
RA2	660	EN07	MSC	99.07-03.10	GWSU-20A	21111-KA271
RV1	660	EN07	MPI	98.07-00.09	GWSU-18A	21111-KA282
RV1	660	EN07	EGI	00.07-14.01	GWSU-18A	21111-KA282
RV1/2	660	EN07	MPI	99.05-00.09	GWSU-18A	21111-KA240
RV2	660	EN07	MPI	98.06-00.09	GWSU-18A	21111-KA282
RV2	660	EN07	EGI	00.09-14.01	GWSU-18A	21111-KA282

REX

KG1	550	EK23	GAS	88.03-89.06		497095500
KG1,KN1	550	EK23	SPC	88.03-89.06		497095500
KG1,KN1/2	550	EK23	GAS	86.11-89.06	GWSU-19RK	497095400
KG2	550	EK23	GAS	87.02-89.06	GWSU-19RK	497095400
KH1/2, KP1	550	EN05	SPC	89.06-90.02	GWSU-17A	21111-KA032
KH1/2, KP1/2	550	EN05	GAS	89.06-90.02		21111-KA002
KH3, KP3/4	660	EN07	GAS	90.03-92.03	GWSU-18A	21111-KA154
KH3/4	660	EN07	EMI	90.03-92.03	GWSU-18A	21111-KA154
KH3/4	660	EN07	SPC	90.03-92.03	GWSU-18A	21111-KA154
KP3	660	EN07	MPI	90.03-92.03	GWSU-18A	21111-KA154

REX/SAMBAR

K24	550	EK23		78.03-81.09	GWSU-08RK	497092100+P/K
K24(S,B),K44	550	EK23		77.05-81.09	GWSU-07RS	397452100+P/K
K77/78/87/88	550	EK23		77.05-82.09	GWSU-07RS	397452100+P/K

SUBARU

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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REX/SAMBAR

KF1	550	EK23		81.09-86.12	GWSU-08RK	497092100+P/K
KG2	550	EK23		87.02-89.06	GWSU-08RK	497092100+P/K
KH1/H2/P1/P2	550	EN05		89.06-89.09		21111-KA001
KH1/H2/P1/P2	550	EN05		89.10-90.03		21111-KA002
KH3/H4/P3/P4	550	EN07		90.03-94.12	GWSU-18A	21111-KA060
KM1/M2/N1/N2	550	EK23(T)		81.09-86.11	GWSU-08RK	497092100+P/K
KR1/R2/R6/T1/T2/T6	550	EK23		82.08-90.03	GWSU-09RNS	497092100+P/K
KS3/S4/V3/V4	550	EN07		90.03-94.12	GWSU-17A	21111-KA041
					GWSU-18A	21111-KA050

SAMBER

KR1,KT1	550	EK23	GAS	82.09-90.04	GWSU-19RK	497095400
KR1,KT1	550	EK23	LPG	83.09-90.04	GWSU-19RK	497095400
KR2,KT2	550	EK23	GAS	82.09-87.08	GWSU-19RK	497095400
KR5/6,KT6	550	EK23	GAS	87.09-90.04	GWSU-19RK	497095400
KT2	550	EK23	LPG	83.09-87.08	GWSU-19RK	497095400
KS3,KV3/4	660	EN07	MPI	95.10-96.09	GWSU-17A	21111-KA142
KS3,KV3/4	660	EN07	MPI	95.10-98.12	GWSU-17A	21111-KA292
KS3/4	660	EN07	LPG	90.03-96.09	GWSU-17A	21111-KA142
KS3/4	660	EN07	LPG	95.10-98.12	GWSU-17A	21111-KA292
KS3/4,KV3	660	EN07	GAS	95.10-98.12	GWSU-17A	21111-KA292
KS3/4,KV3/4	660	EN07	GAS	90.03-96.09	GWSU-17A	21111-KA142
KS3/4,KV3/4	660	EN07	SPC	90.03-96.09	GWSU-17A	21111-KA142
KS3/4,KV3/4	660	EN07	SPC	95.10-98.12	GWSU-17A	21111-KA292
KS4	660	EN07	MPI	97.11-98.12	GWSU-17A	21111-KA292
KV3	660	EN07	LPG	90.03-95.09	GWSU-17A	21111-KA142
KV4	660	EN07	GAS	95.10-96.09	GWSU-17A	21111-KA292
TT1	660	EN07	MSC	99.01-14.01	GWSU-17A	21111-KA292
TT1/2	660	EN07	LPG	99.05-03.06	GWSU-17A	21111-KA292
TT1/2,TV1	660	EN07	EGI	98.08-14.01	GWSU-17A	21111-KA292
TT2	660	EN07	MSC	98.10-14.01	GWSU-17A	21111-KA292
TV1	660	EN07	MSC	98.08-14.01	GWSU-17A	21111-KA292
TV2	660	EN07	EGI	98.10-14.01	GWSU-17A	21111-KA292
TV2	660	EN07	MSC	09.07-14.01	GWSU-17A	21111-KA292

SAMBER DIAS

KV3	660	EN07	GAS	90.03-96.09	GWSU-17A	21111-KA142
KV3	660	EN07	GAS	95.10-97.10	GWSU-17A	21111-KA292
KV3/4	660	EN07	SPC	90.03-96.09	GWSU-17A	21111-KA142
KV3/4	660	EN07	MPI	95.10-96.09	GWSU-17A	21111-KA142
KV3/4	660	EN07	MPI	95.10-98.12	GWSU-17A	21111-KA292
KV3/4	660	EN07	SPC	95.10-98.12	GWSU-17A	21111-KA292
KV4	660	EN07	GAS	90.03-95.09	GWSU-17A	21111-KA142
TV1	660	EN07	MSC	98.10-14.01	GWSU-17A	21111-KA292
TV1/2	660	EN07	EGI	98.08-14.01	GWSU-17A	21111-KA292
TV2	660	EN07	MSC	98.08-14.01	GWSU-17A	21111-KA292
TW1	660	EN07	EGI	99.05-09.08	GWSU-17A	21111-KA292
TW1	660	EN07	MSC	99.05-09.08	GWSU-17A	21111-KA292
TW2	660	EN07	MSC	99.07-09.08	GWSU-17A	21111-KA292
TW2	660	EN07	EGI	99.09-09.08	GWSU-17A	21111-KA292

STELLA

LA100F/110F	660	KF	EGI	11.04-14.01		16100-B9453
LA100F/110F	660	KF	TBO	11.08-14.01		16100-B9453
RN1/2	660	EN07	EGI	06.04-14.01	GWSU-22A	21111-KA330
RN1/2	660	EN07	MSC	06.04-14.01	GWSU-20A	21111-KA271

SUBARU R1

RJ1	660	EN07	EGI	04.11-06.11		21111-KA320
RJ1	660	EN07	MSC	05.10-14.01	GWSU-20A	21111-KA271
RJ1/2	660	EN07	EGI	04.11-05.11		21111-KA311
RJ1/2	660	EN07	EGI	05.06-07.05	GWSU-18A	21111-KA282

SUBARU

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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SUBARU R1

RJ1/2	660	EN07	EGI	06.10-14.01	GWSU-22A	21111-KA330
RJ2	660	EN07	EGI	04.11-06.10		21111-KA320
RJ2	660	EN07	MSC	05.11-14.01	GWSU-20A	21111-KA271

SUBARU R2

RC1	660	EN07	EGI	04.10-06.11		21111-KA320
RC1	660	EN07	EGI	04.10-06.11		X2111-KA320
RC1	660	EN07	EGI	06.11-14.01	GWSU-22A	21111-KA330
RC1	660	EN07	EGI	06.11-14.01		X2111-KA330
RC1/2	660	EN07	EGI	03.10-14.01	GWSU-18A	21111-KA282
RC1/2	660	EN07	EGI	03.10-04.11		21111-KA310
RC1/2	660	EN07	EGI	03.10-14.01		X2111-KA282
RC1/2	660	EN07	EGI	03.10-04.11		X2111-KA310
RC1/2	660	EN07	MSC	03.10-14.01	GWSU-20A	21111-KA271
RC1/2	660	EN07	MSC	03.10-14.01		X2111-KA271
RC1/2	660	EN07	EGI	04.10-05.11		21111-KA311
RC1/2	660	EN07	EGI	04.10-05.11		X2111-KA311
RC2	660	EN07	EGI	04.10-06.10		21111-KA320
RC2	660	EN07	EGI	04.10-06.10		X2111-KA320
RC2	660	EN07	EGI	06.10-14.01	GWSU-22A	21111-KA330
RC2	660	EN07	EGI	06.10-14.01		X2111-KA330

TRAVIQ

XM182	1800	Z18	EGI	03.07-04.12		90543935
XM220	2200	Z22	EGI	01.08-04.12		93181118

TREZIA

NSP120X	1300	1NRFE	EGI	10.11-14.01		16100-80004
NCP120X/125X	1500	1NZFE	EGI	10.11-14.01	GWT-101A	16100-29156

VIVIO

KK3/K4/W3/W4	600	EN07		92.03-94.12	GWSU-20A	21111-KA120
KY	600			93.05-94.12	GWSU-18A	21111-KA150
KK3	660	EN07	MSC	92.03-98.09	GWSU-18A	21111-KA154
KK3	660	EN07	MSC	96.11-98.09	GWSU-18A	21111-KA282
KK3/4	660	EN07	MPI	92.03-98.09	GWSU-18A	21111-KA154
KK3/4	660	EN07	MSC	92.03-98.09	GWSU-20A	21111-KA271
KK3/4	660	EN07	MPI	96.11-98.09	GWSU-18A	21111-KA282
KK4	660	EN07	MSC	92.03-97.09	GWSU-18A	21111-KA154
KW3/4	660	EN07	GAS	92.03-98.09	GWSU-18A	21111-KA154
KW3/4	660	EN07	GAS	97.10-98.09	GWSU-18A	21111-KA282
KY3	660	EN07	MPI	93.05-94.01	GWSU-18A	21111-KA154
KY3	660	EN07	SPC	94.02-95.09	GWSU-18A	21111-KA154

WRX

GRB,GRF,GVB,GVF	2000	EJ20	TBO	10.05-14.01	GWSU-15A	21111-AA240
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EXPORT MODEL

GWSU-05A(31076-4310)GWSU-01A W/LARGE TUBE(USA)
GWSU-07RK(39745-7100)IMPELLER SET

SUZUKI

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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AERIO

RA21S	1500	M15A	EPI	01.11-07.03	GWS-34A	17400-69G02
RB21S	1500	M15A	EPI	01.01-07.03	GWS-34A	17400-69G02
RC51S,RD51S	1800	M18A	EPI	03.01-07.03	GWS-34A	17400-69G02

ALTO

CA71V/72V	550	F5A		84.09-88.12	GWS-11A	17400-78821
CC71V/72V	550	F5A		84.12-88.12	GWS-11A	17400-78821
CL11V	550	F5B	EPI	88.09-90.03	GWS-18A	17400-70820
CL11V	550	F5B	EPI	88.09-90.03	GWS-19A	17400-70830
CL11V,CM11V	550	F5B	GAS	88.09-90.03	GWS-18A	17400-70820
CL11V,CM11V	550	F5B	GAS	88.09-90.03	GWS-19A	17400-70830
CL11V,CM11V	550	F5B	TBO	88.09-90.03	GWS-18A	17400-70820
CL11V,CM11V	550	F5B	TBO	88.09-90.03	GWS-19A	17400-70830
CL11V,CM11V	550	F5B	TWT	88.09-90.03	GWS-18A	17400-70820
CL11V,CM11V	550	F5B	TWT	88.09-90.03	GWS-19A	17400-70830
CN11S	550	F5B	EPI	89.04-90.03	GWS-18A	17400-70820
CN11S	550	F5B	EPI	89.04-90.03	GWS-19A	17400-70830
CN11S	550	F5B	GAS	89.04-90.03	GWS-18A	17400-70820
CP11S	550	F5B	GAS	89.04-90.03	GWS-18A	17400-70820
CN11S	550	F5B	GAS	89.04-90.03	GWS-19A	17400-70830
CP11S	550	F5B	GAS	89.04-90.03	GWS-19A	17400-70830
SS40V	550	F5A		79.05-82.10	GWS-10A	17400-78830
SS41V	550	F5A		83.10-85.12	GWS-11A	17400-78821
CL21V,CM21V,CP21S	660	F6A	GAS	90.03-91.09	GWS-19A	17400-50813
CL22V,CM22V,CR22S,CS22S	660	F6A	GAS	91.09-94.11	GWS-19A	17400-50813
CM22V	660	F6A	TBO	92.10-94.11	GWS-19A	17400-50813
CN21S	660	F6A	GAS	90.01-91.09	GWS-19A	17400-50813
CN21S	660	F6A	TBO	90.03-91.09	GWS-19A	17400-50813
CN21S,CP21S	660	F6A	TWT	90.03-91.09	GWS-19A	17400-50813
CP21S	660	F6A	EPI	91.01-91.09	GWS-19A	17400-50813
CP21S	660	F6A	TBO	91.01-91.09	GWS-19A	17400-50813
CR22S	660	F6A	EPI	91.11-93.09	GWS-19A	17400-50813
CR22S,CS22S	660	F6A	TBO	91.09-94.11	GWS-19A	17400-50813
CR22S,CS22S	660	F6A	TWT	91.09-94.11	GWS-19A	17400-50813
CS22S	660	F6A	EPI	91.09-94.11	GWS-19A	17400-50813
HA11S	660	F6A	EPI	95.03-98.09	GWS-19A	17400-50813
HA11S,HB11S	660	F6A	TBO	94.11-98.09	GWS-19A	17400-50813
HA11S,HB11S,HC11V,HD11V	660	F6A	GAS	94.11-98.09	GWS-19A	17400-50813
HA12S	660	F6A	EPI	98.10-99.10	GWS-25A	17400-76810
HA12S	660	F6A	TBO	98.10-99.10	GWS-25A	17400-76810
HA12S	660	F6A	TBO	99.03-99.10	GWS-25A	17400-76810
HA12S	660	F6A	EPI	99.10-00.12	GWS-26A	17400-76820
HA12S	660	F6A	TBO	99.10-00.12	GWS-26A	17400-76820
HA12V	660	F6A	GAS	98.10-99.10	GWS-25A	17400-76810
HA12V	660	F6A	EPI	99.05-00.12	GWS-26A	17400-76820
HA21S,HB21S	660	K6A	TBO	94.11-98.09	GWS-28A*	17400-73832
HA22S	660	K6A	EPI	98.10-99.10	GWS-28A*	17400-73832
HA22S	660	K6A	EPI	98.10-99.10	GWS-27A*	17400-78851
HA22S	660	K6A	TBO	98.10-00.12	GWS-27A*	17400-78851
HA22S	660	K6A	EPI	99.10-00.12	GWS-28AH	17400-78871
HA22S	660	K6A	EPI	00.12-02.04	GWS-32AH	17400-84815
HA23S	660	K6A	EPI	00.12-04.09	GWS-32AH	17400-84815
HA23V	660	K6A	EPI	00.12-05.01	GWS-32AH	17400-84815
HA24S	660	K6A	EPI	04.09-09.12	GWS-38AH	17400-58815
HA24V	660	K6A	EPI	05.01-09.12	GWS-38AH	17400-58815
HA25S/25V	660	K6A	EPI	09.12-14.01	GWS-38AH	17400-58815
HB11S	660	F6A	EPI	94.11-98.09	GWS-19A	17400-50813
HE21S	660	K6A	EPI	02.01-04.10	GWS-32AH	17400-84815
HE21S	660	K6A	TBO	02.10-04.10	GWS-35AH	17400-84825
HE21S	660	K6A	EPI	04.10-08.11		17400-84833
HE21S	660	K6A	TBO	04.10-08.11		17400-84843

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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ALTO

HE22S	660	K6A	EPI	08.11-10.11	GWS-38AH	17400-58815
HE22S	660	K6A	TBO	08.11-10.11	GWS-39AH	17400-58825
HE22S	660	K6A	EPI	10.11-14.01		17400-58816
HE22S	660	K6A	TBO	10.11-14.01		17400-58826

CAPPUCCINO

EA11R	660	F6A	GAS	91.10-95.05	GWS-19A	17400-50813
EA21R	660	K6A	EPI	95.05-98.10	GWS-28A*	17400-80812

CARA

PG6SS	660	F6A	GAS	93.01-96.05	GWS-19A	17400-50813
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CARRY/EVERY

DA41T	550	F5B	SPC	89.05-90.03	GWS-22A	17400-62810
DB41T	550	F5B	SPC	89.05-90.03	GWS-22A	17400-62810
DA41V,DB41V	550	F5B	TBO	89.05-90.03	GWS-22A	17400-62810
DA41V/41B/41T,DB41V/41T	550	F5B	GAS	89.05-90.03	GWS-22A	17400-62810
DA71#,DB71#	550	F5A		85.03-89.12	GWS-11A	17400-78821
DA71B	550	F5A	GAS	85.04-89.05	GWS-11A	17400-78821
DA71T,DB71T	550	F5A	SPC	88.02-89.05	GWS-17A	17400-85821
DA71V,DB71V	550	F5A	TBO	85.10-89.05	GWS-11A	17400-78821
DA71V,DB71V	550	F5A	GAS	87.08-89.05	GWS-17A	17400-85821
DA71V,DB71V/71T,DA71T	550	F5A	GAS	85.03-89.05	GWS-11A	17400-78821
SH10,ST10/20	550	LJ50		76.04-79.06	GWS-02A	17400-72811
ST30#	550	LJ50		79.04-85.12	GWS-02A	17400-72811
ST31#	550	LJ50		81.09-85.12	GWS-02A	17400-72811
ST40#	550	F5A		80.10-85.12	GWS-11A	17400-78821
ST41#	550	F5A		82.12-85.12	GWS-09A	17400-79810
DA51V	660	F6A	GAS	90.02-91.09	GWS-14A	17400-71811
DA51V,DB51V	660	F6A	TBO	90.03-91.09	GWS-14A	17400-71811
DA52T	660	F6A	GAS	99.01-99.11	GWS-25A	17400-78860
DA52T,DB52T	660	F6A	TBO	99.11-00.05	GWS-26A	17400-78880
DA52V	660	F6A	EV	99.01-99.11	GWS-25A	17400-78860
DA52V,DB52V	660	F6A	CNG	99.12-01.09	GWS-26A	17400-78880
DA52V/52T,DB52V/52T	660	F6A	EPI	99.01-99.11	GWS-25A	17400-78860
DA52V/52T,DB52V/52T	660	F6A	TBO	99.01-99.11	GWS-25A	17400-78860
DA52V/52T,DB52V/52T	660	F6A	EPI	99.11-01.09	GWS-26A	17400-78880
DA52V/52W,DB52V	660	F6A	TBO	99.11-01.09	GWS-26A	17400-78880
DA52W	660	F6A	TBO	99.06-99.11	GWS-25A	17400-78860
DA62T	660	K6A	EPI	01.08-02.05	GWS-37AH	17400-65815
DA62V	660	K6A	CNG	01.11-02.11	GWS-37AH	17400-65815
DA62V/62W	660	K6A	EPI	01.08-05.08	GWS-37AH	17400-65815
DA62V/62W	660	K6A	TBO	01.08-05.08	GWS-37AH	17400-65815
DA63T	660	K6A	EPI	02.05-14.01	GWS-37AH	17400-65815
DA63T	660	K6A	EPI	10.05-14.01		17400-65820
DA64V	660	K6A	EPI	10.05-14.01		17400-68830
DA64V/64W	660	K6A	EPI	05.08-07.07	GWS-42AH	17400-68811
DA64V/64W	660	K6A	TBO	05.08-07.07	GWS-42AH	17400-68811
DA64V/64W	660	K6A	EPI	07.07-14.01	GWS-43AH	17400-68822
DA64V/64W	660	K6A	TBO	07.07-14.01	GWS-43AH	17400-68822
DA64V/64W	660	K6A	TBO	10.05-14.01		17400-68830
DA65T	660	K6A	EPI	05.11-14.01	GWS-37AH	17400-65815
DB51V,DA51/51T,DB51T	660	F6A	GAS	90.03-91.09	GWS-14A	17400-71811
DC51B,DD51B	660	F6A	GAS	91.09-97.04	GWS-21A	17400-51812
DC51T,DD51T	660	F6A	TBO	97.04-99.01	GWS-21A	17400-51812
DE51V	660	F6A	EPI	91.09-93.11	GWS-21A	17400-51812
DE51V,DF51V	660	F6A	EPI	91.09-99.01	GWS-21A	17400-51812
DE51V,DF51V	660	F6A	TBO	91.09-99.01	GWS-21A	17400-51812
DE51V,DF51V	660	F6A	GAS	91.09-93.11	GWS-21A	17400-51812
DE51V,DF51V,DC51T,DD51T	660	F6A	GAS	91.09-99.01	GWS-21A	17400-51812
DA32W	1300	G13B	EPI	99.06-01.05	GWS-15A	17400-82824
DA32W	1300	G13B	EPI	01.05-05.07	GWS-15A	17400-82824

SUZUKI

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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CERVO

CG72V,CH72V	550	F5B	GAS	88.01-89.01		17400-81811
CG72V,CH72V	550	F5B	GAS	89.01-90.07	GWS-18A	17400-70820
CN21S	660	F6A	TBO	90.07-91.09	GWS-19A	17400-50813
CN21S,CP21S	660	F6A	EPI	90.11-91.09	GWS-19A	17400-50813
CN21S,CP21S	660	F6A	GAS	90.11-91.09	GWS-19A	17400-50813
CN22S	660	F6A	EPI	91.09-97.05	GWS-19A	17400-50813
CN22S,CP22S	660	F6A	GAS	91.09-98.06	GWS-19A	17400-50813
CN22S,CP22S	660	F6A	TBO	91.09-97.05	GWS-19A	17400-50813
CN31S,CP31S	660	F6B	TWT	90.07-91.09		17400-52811
CN32S,CP32S	660	F6B	TWT	91.09-97.05		17400-52811
CP21S	660	F6A	TBO	90.11-91.09	GWS-19A	17400-50813
CP22S	660	F6A	EPI	91.09-98.06	GWS-19A	17400-50813
HG21S	660	K6A	EPI	06.11-14.01	GWS-38AH	17400-58815
HG21S	660	K6A	TBO	06.11-14.01	GWS-39AH	17400-58825

CERVO MODE

SS20	550	T5A		77.10-82.06		17400-70810
SS40	550	F5A		82.06-88.12	GWS-10A	17400-78830
SS40	550	F5A		82.06-88.12	GWS-11A	17400-78821

CULTUS

AA41S/41V,AB41S	1000	G10		83.10-86.12	GWS-12A	17400-83812
AA44S	1000	G10	EPI	92.07-00.05	GWS-15A	17400-82824
AA44S,AB44S	1000	G10	GAS	88.09-98.05	GWS-15A	17400-82824
AB44S	1000	G10	EPI	96.12-00.05	GWS-15A	17400-82824
AA33S,AB33S	1300	G13B	TWC	86.06-88.09	GWS-15A	17400-82822
AA34S	1300	G13B	EPI	88.09-91.07	GWS-15A	17400-82824
AA34S,AB34S	1300	G13B	GAS	88.09-00.05	GWS-15A	17400-82824
AA53S,AB53S	1300	G13A	GAS	86.06-88.09	GWS-15A	17400-82822
AA53S,AB53S	1300	G13A	GAS	86.06-88.09	GWS-30A	17400-83815
AB51S	1300	G13B		84.08-86.12	GWS-12A	17400-83812
AF34S	1300	G13B	EPI	89.10-91.07	GWS-15A	17400-82824
AF34S	1300	G13B	GAS	89.10-00.05	GWS-15A	17400-82824
AK34S	1300	G13B	GAS	92.01-00.05	GWS-15A	17400-82824
GA11S	1300	G13B	EPI	95.01-98.05	GWS-15A	17400-82824
GA11S	1300	G13B	EPI	98.05-99.05	GWS-15A	17400-82824
AH64S,AJ64S	1500	G15A	GAS	91.07-95.03	GWS-16A	17400-60815
GA21S,GB21S,GD21S	1500	G15A	EPI	95.01-96.02	GWS-16A	17400-60815
GC21S	1500	G15A	EPI	95.01-97.04	GWS-16A	17400-60815
GC21S,GC21W	1500	G15A	EPI	97.05-98.05	GWS-23A	17400-61820
GC21S,GC21W	1500	G15A	EPI	98.05-02.07	GWS-23A	17400-61820
GC21W	1500	G15A	EPI	96.02-97.04	GWS-16A	17400-60815
AH14S	1600	G16A	GAS	89.06-91.07	GWS-16A	17400-60815
AJ14S	1600	G16A	GAS	89.10-91.07	GWS-16A	17400-60815
GB31S	1600	G16A	EPI	98.05-99.05	GWS-23A	17400-61820
GB31S,GD31S/31W	1600	G16A	EPI	96.02-97.04	GWS-16A	17400-60815
GB31S,GD31S/31W	1600	G16A	EPI	97.05-98.05	GWS-23A	17400-61820
GD31S/31W	1600	G16A	EPI	98.05-02.07	GWS-23A	17400-61820
GC41W	1800	J18A	EPI	96.02-98.05	GWS-36A*	17400-77815
GC41W	1800	J18A	EPI	98.05-02.07	GWS-36A*	17400-77815

ESCUDO

TA01R/01W	1600	G16A	EPI	88.05-97.11	GWS-16A	17400-60815
TA01V	1600	G16A	EPI	88.05-90.10	GWS-16A	17400-60815
TA02W	1600	G16A	EPI	97.11-02.11	GWS-23A	17400-61820
TA74W	1600	M16A	EPI	06.06-08.06	GWS-34A	17400-69G02
TD01W	1600	G16A	EPI	90.09-97.11	GWS-16A	17400-60815
TD02W	1600	G16A	EPI	97.11-00.04	GWS-23A	17400-61820
TA11W,TD11W	2000	H20A	GAS	94.12-96.11	GWS-20A	17400-85830
TA31W,TD31W	2000	RF	DTB	94.12-96.11	GWS-31A	17400-78E01
TA51W,TD51W	2000	J20A	EPI	96.10-97.10	GWS-36A*	17400-77815
TA52W	2000	J20A	EPI	97.11-02.11	GWS-36A*	17400-77815

SUZUKI

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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ESCUDO

TD31W	2000	RF	DIE	96.10-97.10	GWS-31A	17400-78E01
TD31W	2000	RF	DIE	96.10-97.10		17410-78E02
TD32W	2000	RF	DTB	98.02-99.10	GWS-31A	17400-78E01
TD32W	2000	RF	DTB	98.02-99.10		17410-78E02
TD52W	2000	J20A	EPI	97.11-00.04	GWS-36A*	17400-77815
TD54W	2000	J20A	EPI	05.05-08.06	GWS-36A*	17400-77815
TL52W	2000	J20A	EPI	98.11-05.05	GWS-36A*	17400-77815
TDA4W	2400	J24B	EPI	08.06-10.04		17400-78890
TDA4W	2400	J24B	EPI	10.04-14.01		17400-78891
TD61W	2500	H25A	EPI	96.10-97.10	GWS-20A	17400-85830
TD62W	2500	H25A	EPI	98.02-05.05	GWS-20A	17400-85830
TD94W	2700	H27A	EPI	05.05-08.06	GWS-20A	17400-66810
TX92W	2700	H27A	EPI	00.12-03.06	GWS-20A	17400-85830
TX92W	2700	H27A	PFI	03.06-05.05	GWS-20A	17400-85830
TDB4W	3200	N32A	EPI	08.06-10.04		17400-78J00

FRONTE

LC10W/20	360	LC10W		71.01-76.12		17400-70020
SS10/12	450	T4A		76.04-77.10		17400-70020
SS11	450	AB10		77.08-79.04	GWS-07A	17400-74001
CB71S	550	F5A		84.09-86.12	GWS-11A	17400-78821
CN11S	550	F5B	GAS	88.09-89.04	GWS-18A	17400-70820
CP11S	550	F5B	GAS	88.09-89.04	GWS-18A	17400-70820
SS20	550	T5A		77.10-80.05		17400-70810
SS40	550	F5A		79.05-84.12	GWS-03A	17400-73012
SS40	550			79.05-84.12	GWS-10A	17400-78830
SS40	550			79.05-84.12	GWS-11A	17400-78821

JIMNY

JA71C	550	F5A	TBO	86.01-90.03	GWS-11A	17400-78821
JA71V	550	F5A	TBO	86.01-90.03	GWS-11A	17400-78821
SJ10/30#	550	LJ50		76.03-88.05	GWS-02A	17400-72811
JA11C/11V	660	F6A	TBO	90.03-91.06		17400-83831
JA11C/11V	660	F6A	TBO	91.06-95.11	GWS-24A	17400-83841
JA12C/12V/12W	660	F6A	TBO	95.11-98.10	GWS-24A	17400-83841
JA22W	660	K6A	TBO	95.11-98.10	GWS-28A*	17400-80812
JB23W	660	K6A	EPI	00.11-02.01	GWS-27A*	17400-81821
JB23W	660	K6A	TBO	02.01-04.10	GWS-33A*	17400-83871
JB23W	660	K6A	TBO	04.10-14.01	GWS-41AH	17400-76842
JB23W	660	K6A	TBO	98.10-02.01	GWS-27A*	17400-81821
SJ40#	1000	F10A		82.08-84.12	GWS-11A	17400-78821
JA51#	1300	G13A		85.11-88.12	GWS-12A	17400-83812
JB31W	1300	G13BA	GAS	93.05-95.11	GWS-30A	17400-83815
JB32W	1300	G13B	GAS	95.11-97.12	GWS-30A	17400-83815
JB33W	1300	G13B	EPI	98.01-00.04	GWS-30A	17400-83815
JB43W	1300	M13A	EPI	00.04-02.01	GWS-34A	17400-69G02
JB43W	1300	M13A	EPI	02.01-14.01	GWS-34A	17400-69G02

Kei

HN11S	660	F6A	TBO	98.10-99.10	GWS-25A	17400-76810
HN11S	660	F6A	TBO	99.10-01.04	GWS-26A	17400-76820
HN12S	660	F6A	TBO	01.04-01.11	GWS-26A	17400-76820
HN21S	660	K6A	EPI	98.10-99.10	GWS-27A*	17400-78851
HN21S	660	K6A	TBO	98.10-01.04	GWS-27A*	17400-78851
HN21S	660	K6A	EPI	00.10-01.04	GWS-28AH	17400-78871
HN22S	660	K6A	EPI	01.04-06.04	GWS-32AH	17400-84815
HN22S	660	K6A	TBO	01.04-01.11	GWS-40AH	17400-83865
HN22S	660	K6A	TBO	01.04-06.04	GWS-35AH	17400-84825
HN22S	660	K6A	TBO	02.11-06.04	GWS-35AH	17400-84825
HN22S	660	K6A	EPI	06.04-14.01		17400-84833
HN22S	660	K6A	TBO	06.04-14.01		17400-84843

SUZUKI

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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KIZASHI

RE91S,RF91S	2400	J24B	EPI	09.10-14.01		17400-78890
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LANDY

SC25,SNC25	2000	MR20DE	EGI	07.01-10.12		17400-50Z01
SC26,SNC26	2000	MR20	EGI	10.12-14.01		17400-51Z00
SC26,SNC26	2000	MR20	EGI	10.12-14.01		17400-51Z10

MIGHTY BOY

SS40T	550	F5A		83.02-88.12	GWS-11A	17400-78821
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MR WAGON

MF21S	660	K6A	EPI	01.12-06.01	GWS-32AH	17400-84815
MF21S	660	K6A	TBO	01.12-06.01	GWS-35AH	17400-84825
MF22S	660	K6A	EPI	06.01-11.01	GWS-38AH	17400-58815
MF22S	660	K6A	TBO	06.01-11.01	GWS-39AH	17400-58825
MF33S	660	R06A	EPI	11.01-14.01		17400-50820
MF33S	660	R06A	TBO	11.01-14.01		17400-50820

PALETTE

MK21S	660	K6A	EPI	08.01-10.08	GWS-38AH	17400-58815
MK21S	660	K6A	TBO	08.01-10.08	GWS-39AH	17400-58825
MK21S	660	K6A	EPI	10.08-14.01		17400-58816
MK21S	660	K6A	TBO	10.08-14.01		17400-58826

SOLIO

MA15S	1200	K12B	EPI	11.01-14.01	GWS-45A	17400-69L00
MA34S	1300	M13A	EPI	05.08-11.01	GWS-34A	17400-69G02

SPLASH

XB32S	1200	K12B	EPI	08.10-14.01	GWS-45A	17400-51K00
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SWIFT

ZC71S	1200	K12B	EPI	07.05-14.01	GWS-45A	17400-51K00
ZC72S,ZD72S	1200	K12B	EPI	10.09-14.01	GWS-45A	17400-69L00
HT51S	1300	M13A	EPI	00.02-05.11	GWS-34A	17400-69G02
ZC11S,ZD11S	1300	M13A	EPI	04.11-14.01	GWS-34A	17400-69G02
HT81S	1500	M15A	EPI	03.06-04.11	GWS-34A	17400-69G02
ZC21S,ZD21S	1500	M15A	EPI	04.11-14.01	GWS-34A	17400-69G02
ZC31S	1600	M16A	EPI	05.09-14.01	GWS-34A	17400-69G02

SX4

YA11S,YB11S	1500	M15A	EPI	06.07-14.01	GWS-34A	17400-69G02
YC11S	1500	M15A	EPI	07.07-14.01	GWS-34A	17400-69G02
YA41S,YB41S	2000	J20A	EPI	06.07-09.05	GWS-36A*	17400-77815

TWIN

EC22S	660	K6A	EPI	03.01-05.08	GWS-32AH	17400-84815
EC22S	660	K6A	EPI	04.01-05.02	GWS-38AH	17400-58815

WAGON R

CT21S,CV21S	660	F6A	EPI	93.09-98.10	GWS-19A	17400-50813
CT21S,CV21S	660	F6A	TBO	95.02-98.10	GWS-19A	17400-50813
CT51S,CV51S	660	K6A	EPI	97.04-98.10	GWS-28A*	17400-73832
CT51S,CV51S	660	K6A	TBO	97.04-98.10	GWS-28A*	17400-73832
MC11S	660	F6A	EPI	98.10-99.10	GWS-25A	17400-76810
MC11S	660	F6A	TBO	98.10-99.10	GWS-25A	17400-76810
MC11S	660	F6A	CNG	99.06-99.10	GWS-25A	17400-76810
MC11S	660	F6A	CNG	99.10-14.01	GWS-26A	17400-76820
MC11S	660	F6A	TBO	99.10-00.12	GWS-26A	17400-76820
MC11S	660	F6A	EPI	99.11-14.01	GWS-26A	17400-76820
MC12S	660	F6A	TBO	00.12-01.11	GWS-26A	17400-76820
MC21S	660	K6A	EPI	98.10-99.10	GWS-27A*	17400-78851

SUZUKI

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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WAGON R

MC21S	660	K6A	TBO	98.10-00.12	GWS-27A*	17400-78851
MC21S	660	K6A	EPI	99.10-00.12	GWS-28AH	17400-78871
MC22S	660	K6A	EPI	00.12-03.09	GWS-32AH	17400-84815
MC22S	660	K6A	TBO	00.12-01.11	GWS-40AH	17400-83865
MC22S	660	K6A	TBO	01.11-03.09	GWS-35AH	17400-84825
MH21S	660	K6A	EPI	03.09-07.05	GWS-38AH	17400-58815
MH21S	660	K6A	TBO	03.09-07.05	GWS-39AH	17400-58825
MH22S	660	K6A	EPI	07.02-08.09	GWS-38AH	17400-58815
MH22S	660	K6A	TBO	07.02-08.09	GWS-39AH	17400-58825
MH23S	660	K6A	EPI	08.09-10.08	GWS-38AH	17400-58815
MH23S	660	K6A	TBO	08.09-10.08	GWS-38AH	17400-58815
MH23S	660	K6A	TBO	08.09-10.08	GWS-39AH	17400-58825
MH23S	660	K6A	EPI	10.08-14.01		17400-58816
MH23S	660	K6A	TBO	10.08-14.01		17400-58826
MA61S,MB61S	1000	K10A	EPI	97.02-99.06	GWS-28A*	17400-73832
MA61S,MB61S	1000	K10A	TBO	97.02-99.06	GWS-28A*	17400-73832
MA63S	1000	K10A	EPI	99.05-00.12	GWS-27A*	17400-78851
MA63S	1000	K10A	TBO	99.05-00.12	GWS-27A*	17400-78851
MA64S	1000	K10A	EPI	00.12-02.11	GWS-27A*	17400-78851
MA34S	1300	M13A	EPI	00.12-05.08	GWS-34A	17400-69G02

X-90

LB11S	1600	G16A	GAS	95.10-97.12	GWS-16A	17400-60815
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ADDITIONAL ITEMS

GWS-08A (17400-82811) LIGHT DUTY TYPE OF GWS-12A
GWS-13A (17400-70B00) (KOREA)
GWS-14A (17400-70D00) (KOREA)

TOYOTA

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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86

NZ6	2000	FA20	D4S	12..03-14.01		SU003-00401
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ALLEX

NZE121	1500	1NZFE	EFI	04.02-06.10	GWT-135A	16100-29206
NZE121/124	1500	1NZFE	EFI	01.01-06.10	GWT-101A	16100-29156
ZZE122/124	1800	1ZZFE	EFI	02.09-06.10	GWT-133A	16100-29415
ZZE123	1800	2ZZGE	EFI	01.01-06.10	GWT-124A	16100-29146

ALLION

NZT240/260	1500	1NZFE	EFI	01.12-07.05	GWT-101A	16100-29156
ZRT260/265	1800	2ZRFE	EFI	07.05-10.04	GWT-144A	16100-39466
ZRT260/265	1800	2ZRFAE	EFI	10.04-14.01	GWT-144A	16100-39466
ZZT240/245	1800	1ZZFE	EFI	01.12-07.05	GWT-133A	16100-29415
AZT240	2000	1AZFSE	D4	01.12-07.05	GWT-119A	16100-28041
ZRT261	2000	3ZRFAE	EFI	07.12-14.01	GWT-144A	16100-39466

ALPHARD

ANH10W/15W	2400	2AZFE	EFI	02.05-14.01	GWT-119A	16100-28041
ANH20W/25W	2400	2AZFE	EFI	08.04-14.01		16100-0H050
ANH20W/25W	2400	2AZFE	EFI	08.04-14.01	GWT-119A	16100-28041
ATH10W	2400	2AZFXE	EPI	03.07-08.03		16100-28051
ATH20W	2400	2AZFXE	EFI	11.11-14.01	GWT-119A	16100-28041
ATH20W	2400	2AZFXE	EFI	11.11-14.01		G9040-28010
MNH10W/15W	3000	1MZFE	EFI	02.05-14.01	GWT-92A	16100-29085
GGH20W/25W	3500	2GRFE	EFI	08.04-14.01		16100-39456

ALTEZZA

GXE10	2000	1GFE	EFI	98.10-05.07	GWT-111A	16100-79285
GXE10W	2000	1GFE	EFI	01.06-05.07	GWT-111A	16100-79285
GXE15W	2000	1GFE	EFI	02.01-05.07	GWT-111A	16100-79285
SXE10	2000	3SGE	EFI	98.10-05.07		16100-79226
SXE10	2000	3SGE	EFI	98.10-05.07	GWT-122A	16110-79135
JCE10W/15W	3000	2JZGE	EFI	01.06-05.07		16100-49877
JCE10W/15W	3000	2JZGE	EFI	01.06-05.07	GWT-140A	16110-49156

ARISTO

JZS147	3000	2JZGE	EFI	91.10-97.08	GWT-120AH	16100-49838
JZS147	3000	2JZGTE	TBO	91.10-97.08		16090-49025
JZS147	3000	2JZGTE	TBO	91.10-97.08		16110-46011
JZS160	3000	2JZGE	EFI	97.08-05.01		16100-49877
JZS160	3000	2JZGE	EFI	97.08-05.01	GWT-140A	16110-49156
JZS161	3000	2JZGTE	TBO	97.08-05.01		16100-49847
JZS161	3000	2JZGTE	TBO	97.08-05.01	GWT-120A	16110-49097
UZS143	4000	1UZFE	EFI	92.10-97.08	GWT-84A	16100-50023

ARVAN SUPPORT

LY228K/270	3000	5L	DIE	01.08-04.07	GWT-79A	16100-59257
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AURIS

NZE151H/154H	1500	1NZFE	EFI	06.10-14.01	GWT-101A	16100-29156
NZE181H/184H	1500	1NZFE	EFI	12.08-14.01		16100-29157
ZRE152H/154H	1800	2ZRFE	EFI	06.10-14.01	GWT-144A	16100-39466
ZRE152H/154H	1800	2ZRFAE	EFI	09.10-14.01	GWT-144A	16100-39466
ZRE186H	1800	2ZRFAE	EFI	12.08-14.01		16100-39565

AVALON

MCX10	3000	1MZFE	EFI	95.03-00.02	GWT-92A	16100-29085
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AVENSIS

AZT250/250W	2000	1AZFSE	D4	03.07-08.10	GWT-119A	16100-28041
AZT255/255W	2000	1AZFSE	D4	03.09-08.10	GWT-119A	16100-28041
ZRT272W	2000	3ZRFAE	EFI	11.09-14.01	GWT-144A	16100-39466

TOYOTA

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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AVENSIS

AZT251/251W	2400	2AZFSE	D4	05.06-08.10	GWT-119A	16100-28041
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bB

NCP30	1300	2NZFE	EFI	00.01-05.12	GWT-101A	16100-29156
QNC20/25	1300	K3VE	EFI	06.01-14.01	GWT-100A	16100-B9010
NCP31/35	1500	1NZFE	EFI	00.01-05.12	GWT-101A	16100-29156
NCP34	1500	1NZFE	EFI	01.06-03.03	GWT-101A	16100-29156
QNC21	1500	3SZVE	EFI	06.01-14.01	GWT-100A	16100-B9010

BELTA

KSP92	1000	1KRFE	EFI	05.11-14.01	GWT-142A	16100-80007
NCP96	1300	2NZFE	EFI	05.11-14.01	GWT-101A	16100-29156
SCP92	1300	2SZFE	EFI	05.11-14.01	GWT-136A	16100-29117

BLADE

AZE154H/156H	2400	2AZFE	EFI	06.12-14.01		16100-0H050
GRE156H	3500	2GRFE	EFI	07.08-14.01		16100-39456

BLIZZARD

LD10	2200	L	DIE	80.03-	GWT-42A	16100-59127
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BREVIS

JCG10/15	2500	1JZFSE	D4	01.05-07.06		16100-80009
JCG10/15	2500	1JZFSE	D4	01.05-07.06	GWT-118A	16110-49148
JCG15	2500	1JZFSE	D4	01.05-07.06		16100-49877
JCG15	2500	1JZFSE	D4	01.05-07.06	GWT-140A	16110-49156
JCG11	3000	2JZFSE	D4	01.05-07.06		16100-80009
JCG11	3000	2JZFSE	D4	01.05-07.06	GWT-118A	16110-49148

CALDINA

ET196V	1500	5EFE	EFI	92.11-02.06	GWT-117AH	16100-19226
ET196V	1500	5EFE	EFI	92.11-02.06	GWT-117A	16110-19107
ET196V	1500	5EFE	EFI	92.11-98.05	GWT-93A	16110-19106
AT191G	1800	7AFE	EFI	96.01-97.08	GWT-86AH	16100-19305
AT191G	1800	7AFE	EFI	96.01-97.08		16110-19176
AT191G	1800	7AFE	EFI	96.01-97.08	GWT-86A	16110-19185
AT211G	1800	7AFE	EFI	97.08-02.09	GWT-86AH	16100-19305
AT211G	1800	7AFE	EFI	97.08-02.09		16110-19176
AT211G	1800	7AFE	EFI	97.08-02.09	GWT-86A	16110-19185
ST190G	1800	4SFE	EFI	92.11-96.01	GWT-77A*	16100-79186
ST190G	1800	4SFE	EFI	92.11-96.01	GWT-77A	16110-79026
ZZT241W	1800	1ZZFE	EFI	02.09-07.06	GWT-133A	16100-29415
AZT241W/246W	2000	1AZFSE	D4	02.09-07.06	GWT-119A	16100-28041
CT190G	2000	2C	DIE	92.11-96.01	GWT-94A	16100-64H07
CT190G	2000	2CT	DTB	96.01-97.08	GWT-94A	16100-64H07
CT196V/198V	2000	2C	DIE	92.11-98.05	GWT-94A	16100-64H07
ST191G/195G	2000	3SFE	EFI	92.11-97.08	GWT-77A*	16100-79186
ST191G/195G	2000	3SFE	EFI	92.11-97.08	GWT-77A	16110-79026
ST195G	2000	3SGE	EFI	95.02-97.08		16100-79226
ST195G	2000	3SGE	EFI	95.02-97.08	GWT-122A	16110-79135
ST198V	2000	3SFE	EFI	99.08-02.06	GWT-77A*	16100-79186
ST198V	2000	3SFE	EFI	99.08-02.06	GWT-77A	16110-79026
ST210G	2000	3SGE	EFI	99.12-02.09		16100-79226
ST210G	2000	3SGE	EFI	99.12-02.09	GWT-122A	16110-79135
ST210G/215G	2000	3SFE	EFI	97.08-02.09	GWT-77A*	16100-79186
ST210G/215G	2000	3SFE	EFI	97.08-02.09	GWT-77A	16110-79026
ST215G	2000	3SGE	EFI	97.08-02.09		16100-79226
ST215G	2000	3SGE	EFI	97.08-02.09	GWT-122A	16110-79135
ST215W	2000	3SGTE	TBO	97.08-02.09		16100-79226
ST215W	2000	3SGTE	TBO	97.08-02.09	GWT-122A	16110-79135
ST246W	2000	3SGTE	TBO	02.09-07.06		16100-79226
ST246W	2000	3SGTE	TBO	02.09-07.06	GWT-122A	16110-79135

TOYOTA

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CALDINA

CT197V/199V	2200	3CE	DIE	98.05-02.06	GWT-94A	16100-69435
CT216G	2200	3CTE	DTB	97.08-02.09	GWT-94A	16100-69435

CAMI

J100E	1300	HCEJ	EFI	99.05-00.05	GWD-35A	16100-B9250
J102E	1300	K3VT	TBO	00.05-01.12	GWT-146A	16100-B9150
J102E	1300	K3VT	TBO	01.12-05.12	GWT-100A	16100-B9010
J102E/122E	1300	K3VE	EFI	00.05-01.12	GWT-146A	16100-B9150
J102E/122E	1300	K3VE	EFI	01.12-05.12	GWT-100A	16100-B9010

CAMRY/VISTA

TA41	1600	12T		80.01-82.02	GWT-31AF	16100-28020
TA41	1600	12T		80.01-82.02	GWT-31A	16110-28010
SV20	1800	1SI	CI	86.08-88.08		16100-69077
SV20	1800	1SI	CI	86.08-88.08	GWT-53A	16110-69037
SV22	1800	4SFI	CI	88.08-90.07	GWT-77A*	16100-79186
SV22	1800	4SFI	CI	88.08-90.07	GWT-77A	16110-79026
SV30	1800	4SFE	EFI	90.07-94.06	GWT-77A	16110-79026
SV30/40	1800	4SFE	EFI	90.07-94.06	GWT-77A*	16100-79186
SV40	1800	4SFE	EFI	94.06-98.06	GWT-77A	16110-79026
SV40	1800	4SFE	EFI	94.06-98.06	GWT-77A*	16100-79186
TA46	1800	13T		80.01-82.02	GWT-31AF	16100-28020
TA46	1800	13T		80.01-82.02	GWT-31A	16110-28010
ZZV50/50G	1800	1ZZFE	EFI	98.06-03.07	GWT-133A	16100-29415
AZV50/50G	2000	1AZFSE	D4	01.08-03.07	GWT-119A	16100-28041
AZV55/55G	2000	1AZFSE	D4	02.04-03.07	GWT-119A	16100-28041
CV20	2000	2CT	DTB	86.08-90.07	GWT-94A	16100-64H04
CV20	2000	2CT	DTB	88.08-90.07	GWT-94A	16100-64H05
CV20	2000	2CT	DTB	88.08-90.07	GWT-94A	16100-64H06
CV30	2000	2CT	DTB	90.07-94.06	GWT-94A	16100-64H07
SV21	2000	3SFE	EFI	86.08-90.07	GWT-77A*	16100-79186
SV21	2000	3SFE	EFI	86.08-90.07	GWT-77A	16110-79026
SV21	2000	3SGE	EFI	86.08-90.07		16100-79096
SV21	2000	3SGE	EFI	86.08-90.07	GWT-67A	16110-79095
SV25	2000	3SFE	EFI	87.10-90.07	GWT-77A*	16100-79186
SV25	2000	3SFE	EFI	87.10-90.07	GWT-77A	16110-79026
SV32/33	2000	3SGE	TWC	90.07-92.06		16100-79176
SV32/33	2000	3SGE	TWC	90.07-92.06	GWT-107A	16110-79115
SV32/33/35	2000	3SFE	EFI	90.07-94.06	GWT-77A*	16100-79186
SV32/33/35	2000	3SFE	EFI	90.07-94.06	GWT-77A	16110-79026
SV41/42/43	2000	3SFE	EFI	94.06-98.06	GWT-77A*	16100-79186
SV41/42/43	2000	3SFE	EFI	94.06-98.06	GWT-77A	16110-79026
SV50/50G	2000	3SFSE	D4	98.06-01.08	GWT-77A*	16100-79186
SV50/50G	2000	3SFSE	D4	98.06-01.08	GWT-77A	16110-79026
SV55	2000	3SFE	EFI	98.06-02.04	GWT-77A*	16100-79186
SV55	2000	3SFE	EFI	98.06-02.04	GWT-77A	16110-79026
SV55G	2000	3SFE	EFI	98.06-03.07	GWT-77A*	16100-79186
SV55G	2000	3SFE	EFI	98.06-03.07	GWT-77A	16110-79026
VZV20	2000	1VZFE	EFI	87.04-90.07	GWT-71A	16100-69455
VZV30/31	2000	1VZFE	EFI	90.07-92.06	GWT-71A	16100-69455
CV40	2200	3CT	DTB	94.06-98.06		16100-69377
CV43	2200	3CT	DTB	95.01-98.06		16100-69377
SXV20	2200	5SFE	EFI	96.12-99.08	GWT-77A*	16100-79186
SXV20	2200	5SFE	EFI	96.12-99.08	GWT-77A	16110-79026
SXV20/25	2200	5SFE	EFI	99.08-01.09	GWT-77A*	16100-79186
SXV20/25	2200	5SFE	EFI	99.08-01.09	GWT-77A	16110-79026
SXV20W	2200	5SFE	EFI	96.12-01.09	GWT-77A*	16100-79186
SXV20W	2200	5SFE	EFI	96.12-01.09	GWT-77A	16110-79026
SXV25	2200	5SFE	EFI	98.08-99.08	GWT-77A*	16100-79186
SXV25	2200	5SFE	EFI	98.08-99.08	GWT-77A	16110-79026
SXV25W	2200	5SFE	EFI	97.06-01.09	GWT-77A*	16100-79186
SXV25W	2200	5SFE	EFI	97.06-01.09	GWT-77A	16110-79026

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CAMRY/VISTA

ACV30/35	2400	2AZFE	EFI	01.09-06.01	GWT-119A	16100-28041
ACV40/45	2400	2AZFE	EFI	06.01-14.01		16100-0H050
AVV50	2500	2ARFXE	EFI	11.08-14.01		161A0-39025
AVV50	2500	2ARFXE	EFI	11.08-14.01		G9040-33040
MCV21	2500	2MZFE	EFI	96.12-99.08	GWT-92A	16100-29085
MCV21	2500	2MZFE	EFI	99.08-01.09	GWT-92A	16100-29085
MCV21W	2500	2MZFE	EFI	96.12-01.09	GWT-92A	16100-29085
MCV25W	2500	2MZFE	EFI	97.06-01.09	GWT-92A	16100-29085
VZV32/33	2500	4VZFE	EFI	91.05-94.06	GWT-71A	16100-69455

CARINA

TA10/15	1400	T		70.12-75.09	GWT-01A	16100-25012
TA16	1400	T		75.11-79.08	GWT-01A	16100-25012
AT170	1500	5AFE	EFI	90.05-92.08	GWT-78A*	16100-19205
AT170	1500	5AFE	EFI	90.05-92.08	GWT-78A	16110-19076
AT170	1500	5AFE	EFI	90.05-92.08	GWT-78A	16110-19086
AT170/170G	1500	5AF	GAS	88.05-90.05	GWT-78A*	16100-19205
AT170/170G	1500	5AF	GAS	88.05-90.05	GWT-78A	16110-19076
AT170/170G	1500	5AF	GAS	88.05-90.05	GWT-78A	16110-19086
AT170G	1500	5AFE	EFI	90.05-92.11	GWT-78A*	16100-19205
AT170G	1500	5AFE	EFI	90.05-92.11	GWT-78A	16110-19076
AT170G	1500	5AFE	EFI	90.05-92.11	GWT-78A	16110-19086
AT192	1500	5AFE	EFI	92.08-96.08	GWT-83AH	16100-19355
AT192	1500	5AFE	EFI	92.08-96.08	GWT-83A	16110-19146
AT192	1500	5AFE	EFI	92.08-96.08	GWT-83A	16110-19205
AT212	1500	5AFE	EFI	96.08-01.12	GWT-83AH	16100-19355
AT212	1500	5AFE	EFI	96.08-01.12	GWT-83A	16110-19146
AT212	1500	5AFE	EFI	96.08-01.12	GWT-83A	16110-19205
AT212	1500	5AFE	EFI	98.08-01.12	GWT-83AH	16100-09120
ET176V	1500	3E	GAS	88.05-89.11		16100-19195
ET176V	1500	3E	GAS	88.05-92.11	GWT-117AH	16100-19226
ET176V	1500	3E	GAS	88.05-92.11	GWT-93A	16110-19106
AT171	1600	4AFE	EFI	88.05-90.05	GWT-78A*	16100-19205
AT171	1600	4AFE	EFI	88.05-90.05	GWT-78A	16110-19076
AT171	1600	4AFE	EFI	88.05-90.05	GWT-78A	16110-19086
AT171	1600	4AGE	EFI	88.05-92.08	GWT-63A*	16100-19115
AT171	1600	4AGE	EFI	88.05-92.08	GWT-63A	16110-19165
AT171	1600	4AFHE	EFS	90.05-92.08	GWT-78A*	16100-19205
AT171	1600	4AFHE	EFS	90.05-92.08	GWT-78A	16110-19076
AT171	1600	4AFHE	EFS	90.05-92.08	GWT-78A	16110-19086
AT175	1600	4AFE	EFI	88.08-92.08	GWT-78A*	16100-19205
AT175	1600	4AFE	EFI	88.08-92.08	GWT-78A	16110-19076
AT175	1600	4AFE	EFI	88.08-92.08	GWT-78A	16110-19086
AT190	1600	4AFE	EFI	92.08-96.08	GWT-83AH	16100-19355
AT190	1600	4AFE	EFI	92.08-96.08	GWT-83A	16110-19146
AT190	1600	4AFE	EFI	92.08-96.08	GWT-83A	16110-19205
AT210	1600	4AGE	GAS	96.08-98.08	GWT-121A*	16100-19285
AT210	1600	4AGE	GAS	96.08-98.08	GWT-121A	16110-19195
AT210	1600	4AGE	EFI	98.08-01.12	GWT-121A*	16100-19285
AT210	1600	4AGE	EFI	98.08-01.12	GWT-121A	16110-19195
TA12/17	1600	2T		70.12-75.09	GWT-01A	16100-25012
TA12/17	1600	2T		71.04-75.09	GWT-46A	16100-88221
TA14/18/30	1600	2T		75.10-77.07	GWT-01A	16100-25012
TA19	1600	2T		75.12-79.08	GWT-01A	16100-25012
TA31	1600	12T		76.03-77.01	GWT-01A	16100-25012
TA31	1600	12T		77.01-77.07	GWT-31AF	16100-28020
TA31	1600	12T		77.01-77.07	GWT-31A	16110-28010
TA40/45	1600	2T		77.08-81.08	GWT-45A	16100-88260
TA41	1600	12T		77.08-81.08	GWT-31AF	16100-28020
TA41	1600	12T		77.08-81.08	GWT-31A	16110-28010
TA49	1600	12T		79.08-81.08	GWT-31AF	16100-28020
TA49	1600	12T		79.08-81.08	GWT-31A	16110-28010

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CARINA

AT191	1800	7AFE	EFI	94.08-96.08	GWT-86AH	16100-19305
AT191	1800	7AFE	EFI	94.08-96.08		16110-19176
AT191	1800	7AFE	EFI	94.08-96.08	GWT-86A	16110-19185
AT211	1800	7AFE	EFI	96.08-01.12	GWT-86AH	16100-19305
AT211	1800	7AFE	EFI	96.08-01.12		16110-19176
AT211	1800	7AFE	EFI	96.08-01.12	GWT-86A	16110-19185
RA10/16	1800	16R		75.10-77.02	GWT-27AFH	16100-39236
RA16	1800	16R		75.10-77.02	GWT-27A	16120-34100
ST160	1800	1SELU	EFI	85.08-87.08		16100-69077
ST160	1800	1SELU	EFI	85.08-87.08	GWT-53A	16110-69037
ST160	1800	1SILU	CI	85.08-88.05		16100-69077
ST160	1800	1SILU	CI	85.08-88.05	GWT-53A	16110-69037
ST163	1800	4SFI	CI	88.05-89.08	GWT-77A*	16100-79186
ST163	1800	4SFI	CI	88.05-89.08	GWT-77A	16110-79026
ST170	1800	4SFE	EFI	90.05-92.08	GWT-77A*	16100-79186
ST170	1800	4SFE	EFI	90.05-92.08	GWT-77A	16110-79026
ST170/170G	1800	4SFI	CI	88.05-90.05	GWT-77A*	16100-79186
ST170/170G	1800	4SFI	CI	88.05-90.05	GWT-77A	16110-79026
ST170G	1800	4SFE	EFI	90.05-92.11	GWT-77A*	16100-79186
ST170G	1800	4SFE	EFI	90.05-92.11	GWT-77A	16110-79026
ST180/181	1800	4SFI	CI	89.09-90.08		16100-79136
ST180/181	1800	4SFI	CI	89.09-90.08	GWT-77A*	16100-79186
ST180/181	1800	4SFI	CI	89.09-90.08	GWT-77A	16110-79026
ST180/181	1800	4SFE	EFI	90.08-93.09	GWT-77A*	16100-79186
ST180/181	1800	4SFE	EFI	90.08-93.09	GWT-77A	16110-79026
ST190	1800	4SFE	EFI	92.08-94.08	GWT-77A*	16100-79186
ST190	1800	4SFE	EFI	92.08-94.08	GWT-77A	16110-79026
ST200	1800	4SFE	EFI	93.09-98.04	GWT-77A*	16100-79186
ST200	1800	4SFE	EFI	93.09-98.04	GWT-77A	16110-79026
ST201	1800	4SFE	EFI	93.09-94.10	GWT-77A*	16100-79186
ST201	1800	4SFE	EFI	93.09-94.10	GWT-77A	16110-79026
TA32	1800	3T		77.03-77.07	GWT-31AF	16100-28020
TA32	1800	3T		77.03-77.07	GWT-31A	16110-28010
TA42/47	1800	3T		77.08-81.08	GWT-31AF	16100-28020
TA47	1800	3T		77.08-81.08	GWT-31A	16110-28010
CT170	2000	2C	DIE	88.05-91.06	GWT-94A	16100-64H05
CT170	2000	2C	DIE	88.05-92.08	GWT-94A	16100-64H07
CT170G	2000	2C	DIE	90.05-92.11	GWT-94A	16100-64H07
CT176V	2000	2C	DIE	88.05-92.11	GWT-94A	16100-64H05
CT176V	2000	2C	DIE	88.05-92.11	GWT-94A	16100-64H07
CT190/195	2000	2C	DIE	92.08-96.08	GWT-94A	16100-64H07
CT210/215	2000	2CT	DTB	96.08-98.08	GWT-94A	16100-64H06
RA11	2000	18R		74.01-75.08	GWT-44A	16120-33010
RA11/15	2000	18R		74.01-75.08	GWT-26AF*	16100-39135
RA11/15	2000	18R		75.08-75.09	GWT-26AF*	16100-39205
RA13	2000	19R		74.12-75.08	GWT-26AF*	16100-39135
RA13	2000	19R		74.12-75.09	GWT-44A	16120-34090
RA15	2000	18R		74.01-75.09	GWT-26AF*	16100-39165
RA15	2000	18R		74.01-75.09	GWT-44A	16120-34090
RA17	2000	18R		75.10-77.01	GWT-27AFH	16100-39227
RA17	2000	18R		75.10-77.01	GWT-27A	16120-34100
RA30	2000	18R		77.01-77.07	GWT-27AFH	16100-39227
RA30	2000	18R		77.01-77.07	GWT-27A	16120-34100
RA31	2000	19R		76.05-77.07	GWT-27AFH	16100-39236
RA31	2000	19R		76.05-77.07	GWT-27A	16120-34100
RA40	2000	18R		77.08-78.08	GWT-27AFH	16100-39227
RA40	2000	18R		77.08-78.08	GWT-27AFH	16100-39236
RA40	2000	18R		77.08-78.08	GWT-27A	16120-34100
RA45	2000	18R		78.08-81.08	GWT-27AFH	16100-39227
RA45	2000	18R		78.08-81.08	GWT-27A	16120-34100
RA46	2000	21R		78.08-81.08	GWT-41A	16100-39316
ST162	2000	3SGELU	TWC	85.08-89.08		16100-79096

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CARINA

ST162	2000	3SGELU	TWC	85.08-89.08	GWT-67A	16110-79095
ST162	2000	3SFE	EFI	87.08-89.08	GWT-77A*	16100-79186
ST162	2000	3SFE	EFI	87.08-89.08	GWT-77A	16110-79026
ST182/183	2000	3SFE	EFI	89.09-93.09		16100-79136
ST182/183	2000	3SFE	EFI	89.09-93.09	GWT-77A*	16100-79186
ST182/183	2000	3SFE	EFI	89.09-93.09	GWT-77A	16110-79026
ST182/183	2000	3SGE	TWC	89.09-93.09		16100-79176
ST182/183	2000	3SGE	TWC	89.09-93.09	GWT-107A	16110-79115
ST195	2000	3SFE	EFI	92.08-96.08	GWT-77A*	16100-79186
ST195	2000	3SFE	EFI	92.08-96.08	GWT-77A	16110-79026
ST202	2000	3SFE	EFI	93.09-98.04	GWT-77A*	16100-79186
ST202	2000	3SFE	EFI	93.09-98.04	GWT-77A	16110-79026
ST202/205	2000	3SGE	TWC	93.09-98.04		16100-79226
ST202/205	2000	3SGE	TWC	93.09-98.04	GWT-122A	16110-79135
ST203	2000	3SFE	EFI	93.09-97.12	GWT-77A*	16100-79186
ST203	2000	3SFE	EFI	93.09-97.12	GWT-77A	16110-79026
ST215	2000	3SFE	EFI	96.08-01.12	GWT-77A*	16100-79186
ST215	2000	3SFE	EFI	96.08-01.12	GWT-77A	16110-79026
CT211/216	2200	3CTE	DTB	98.08-01.12	GWT-94A	16100-64H06
CT211/216	2200	3CTE	DTB	98.08-01.12	GWT-94A	16100-69435

CELICA

TA20	1400	T		70.12-75.09	GWT-01A	16100-25012
AT160	1600	4AGELU	EFI	85.08-87.08	GWT-63A*	16100-19115
AT160	1600	4AGELU	EFI	85.08-87.08	GWT-63A	16110-19165
TA22/27	1600	2T		70.12-75.09	GWT-01A	16100-25012
TA22/27	1600	2T		70.12-75.09	GWT-46A	16100-88221
TA23/28/35	1600	2T		75.10-77.07	GWT-01A	16100-25012
TA40/45/55	1600	2T		77.08-81.06	GWT-45A	16110-88260
TA41	1600	12T		77.08-81.06	GWT-31AF	16100-28020
TA41	1600	12T		77.08-81.06	GWT-31A	16110-28010
ST160	1800	1SILU	CI	85.08-88.05		16100-69077
ST160	1800	1SILU	CI	85.08-88.05	GWT-53A	16110-69037
ST163	1800	4SFI	CI	88.05-89.08	GWT-77A*	16100-79186
ST163	1800	4SFI	CI	88.05-89.08	GWT-77A	16110-79026
TA42/47	1800	3T		77.08-81.06	GWT-31AF	16100-28020
TA46	1800	13T		77.11-81.06	GWT-31AF	16100-28020
TA46	1800	13T		77.11-81.06	GWT-31A	16110-28010
TA47	1800	3T		77.08-81.06	GWT-31A	16110-28010
ZZT230	1800	1ZZFE	EFI	99.08-06.04	GWT-133A	16100-29415
ZZT231	1800	2ZZGE	EFI	99.08-06.04	GWT-124A	16100-29146
MA45	2000	M		78.04-79.08	GWT-28A	16100-49506
MA45/55	2000	M		79.08-81.06	GWT-55A	16100-49595
RA21/25	2000	18R		73.04-75.09	GWT-26AF*	16100-39165
RA23/28/35	2000	18R		75.10-77.07	GWT-27AFH	16100-39236
RA25	2000	18R		73.04-75.09	GWT-44A	16120-33010
RA35	2000	18R		75.10-77.07	GWT-27A	16120-34100
RA40	2000	18R		77.08-78.08	GWT-27AFH	16100-39227
RA40	2000	18R		77.08-78.08	GWT-27A	16120-34100
RA45/55	2000	18R		78.08-81.06	GWT-27AFH	16100-39227
RA55	2000	18R		78.08-81.06	GWT-27A	16120-34100
ST162	2000	3SGELU	EFI	85.08-89.08		16100-79096
ST162	2000	3SGELU	EFI	85.08-89.08	GWT-67A	16110-79095
ST162	2000	3SFE	EFI	87.08-89.08	GWT-77A*	16100-79186
ST162	2000	3SFE	EFI	87.08-89.08	GWT-77A	16110-79026
ST162C	2000	3SFE	EFI	87.10-89.08	GWT-77A*	16100-79186
ST162C	2000	3SFE	EFI	87.10-89.08	GWT-77A	16110-79026
ST165	2000	3SGTE	TBO	86.10-89.08		16100-79106
ST165	2000	3SGTE	TBO	87.10-89.08	GWT-107A	16110-79115
ST182/183	2000	3SFE	EFI	89.09-93.09		16100-79136
ST182/183	2000	3SFE	EFI	89.09-93.09	GWT-77A*	16100-79186
ST182/183	2000	3SFE	EFI	89.09-93.09	GWT-77A	16110-79026

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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CELICA

ST182/183	2000	3SGE	TWC	89.09-93.09		16100-79176
ST182/183	2000	3SGE	TWC	89.09-93.09	GWT-107A	16110-79115
ST183C	2000	3SGE	TWC	90.09-93.09		16100-79176
ST183C	2000	3SGE	TWC	90.09-93.09	GWT-107A	16110-79115
ST185	2000	3SGTE	TBO	89.10-91.08		16100-79127
ST185	2000	3SGTE	TBO	89.10-91.08	GWT-107A	16110-79115
ST185H	2000	3SGTE	TBO	90.08-93.09		16100-79127
ST185H	2000	3SGTE	TBO	90.08-93.09	GWT-107A	16110-79115
ST202	2000	3SFE	EFI	93.09-99.08	GWT-77A*	16100-79186
ST202	2000	3SFE	EFI	93.09-99.08	GWT-77A	16110-79026
ST202	2000	3SGE	TWC	93.09-99.08		16100-79226
ST202	2000	3SGE	TWC	93.09-99.08	GWT-122A	16110-79135
ST202C	2000	3SGE	TWC	94.08-99.05		16100-79226
ST202C	2000	3SGE	TWC	94.08-99.05	GWT-122A	16110-79135
ST203	2000	3SFE	EFI	93.09-97.12	GWT-77A*	16100-79186
ST203	2000	3SFE	EFI	93.09-97.12	GWT-77A	16110-79026
ST205	2000	3SGTE	TBO	94.02-99.08		16100-79236
ST205	2000	3SGTE	TBO	94.02-99.08	GWT-107A	16110-79125
MA46	2600	4M		78.04-79.08	GWT-28A	16100-49506
MA46	2600	4M		79.08-80.08	GWT-55A	16100-49595

CELSIOR

UCF10/11	4000	1UZFE	HTC	89.11-94.10	GWT-84A	16100-50023
UCF20/21	4000	1UZFE	HTC	94.10-97.07	GWT-84A	16100-50023
UCF20/21	4000	1UZFE	HTC	97.07-98.08		16100-59276
UCF20/21	4000	1UZFE	EFI	98.08-00.08		16100-59276
UCF30/31	4300	3UZFE	EFI	00.08-06.06		16100-59276

CENTURY

VG40	4000	5VEU	EFI	82.10-97.01		16100-52020
VG45	4000	5VEU	EFI	90.09-97.01		16100-52020
GZG50	5000	1GZFE	CNG	03.01-05.01		16100-39386
GZG50	5000	1GZFE	EFI	97.04-14.01		16100-39386

CERA

EXY10	1500	5EFHE	EFI	90.03-95.12	GWT-117AH	16100-19226
EXY10	1500	5EFHE	EFI	90.03-95.12	GWT-93A	16110-19106

CHASER

SX100	1800	4SFE	EFI	97.04-01.06	GWT-77A*	16100-79186
SX100	1800	4SFE	EFI	97.04-01.06	GWT-77A	16110-79026
SX80/80Y	1800	4SFI	CI	88.08-90.08	GWT-77A*	16100-79186
SX80/80Y	1800	4SFI	CI	88.08-90.08	GWT-77A	16110-79026
SX80/80Y	1800	4SFE	HTC	90.08-92.10	GWT-77A*	16100-79186
SX80/80Y	1800	4SFE	HTC	90.08-92.10	GWT-77A	16110-79026
SX90	1800	4SFE	EFI	92.10-96.09	GWT-77A*	16100-79186
SX90	1800	4SFE	EFI	92.10-96.09	GWT-77A	16110-79026
TX30	1800	3T		77.07-80.08	GWT-31AF	16100-28020
TX30	1800	3T		77.07-80.08	GWT-31A	16110-28010
TX40	1800	13T		77.07-80.08	GWT-31AF	16100-28020
TX40	1800	13T		77.07-80.08	GWT-31A	16110-28010
GX100	2000	1GFE	EFI	96.09-98.08	GWT-111A	16100-79117
GX100/105	2000	1GFE	EFI	98.08-01.06	GWT-111A	16100-79285
GX81	2000	1GGTE	TWT	88.08-90.08		16100-79065
GX81	2000	1GGZE	SPC	88.08-90.08		16100-79055
GX81	2000	1GFE	HTC	88.08-92.10	GWT-111A	16100-79117
GX81	2000	1GGE	TWC	88.08-92.10	GWT-70A	16100-79025
GX90	2000	1GFE	EFI	92.10-96.09	GWT-111A	16100-79117
MX30/40/41	2000	M		77.07-79.08	GWT-28A	16100-49506
MX40/41	2000	M		79.08-80.08	GWT-55A	16100-49595
RX30/31	2000	18R		77.07-78.08	GWT-27AFH	16100-39236
RX31	2000	18R		77.07-78.08	GWT-27A	16120-34100

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CHASER

RX40/41	2000	21R		78.08-80.08	GWT-41A	16100-39316
YX80Y	2000	3YP	LPG	88.08-92.10	GWT-114A	16100-79037
LX50X	2200	L	DIE	79.09-80.08	GWT-42A	16100-59127
LX100	2400	2LTE	DTB	96.09-99.08	GWT-79A	16100-59257
LX80/80Y	2400	2L	DIE	88.08-92.10	GWT-79A	16100-59257
LX80/80Y	2400	2LT	DTB	88.08-92.10	GWT-79A	16100-59257
LX90	2400	2LTE	DTB	92.10-96.09	GWT-79A	16100-59257
JZX100	2500	1JZGTE	TBO	96.09-01.06		16100-49856
JZX100	2500	1JZGTE	TBO	96.09-01.06		16110-49135
JZX100/105	2500	1JZGE	EFI	96.09-01.06		16100-80009
JZX100/105	2500	1JZGE	EFI	96.09-01.06	GWT-118A	16110-49148
JZX81	2500	1JZGE	TWC	90.08-92.10	GWT-120AH	16100-49838
JZX81	2500	1JZGE	TWC	90.08-92.10	GWT-120A	16110-49097
JZX81	2500	1JZGTE	TWT	90.08-92.10		16090-49017
JZX81	2500	1JZGTE	TWT	90.08-92.10		16110-46011
JZX90	2500	1JZGE	EFI	92.10-96.09	GWT-120AH	16100-49838
JZX90	2500	1JZGTE	TBO	92.10-96.09		16090-49017
JZX90	2500	1JZGTE	TBO	92.10-96.09		16110-46011
JZX90/93	2500	1JZGE	EFI	92.10-96.09	GWT-120A	16110-49097
JZX93	2500	1JZGE	EFI	93.10-96.09	GWT-120AH	16100-49838
JZX101	3000	2JZGE	EFI	96.09-01.06	GWT-120AH	16100-49838
JZX101	3000	2JZGE	EFI	98.08-01.06		16100-80009
JZX101	3000	2JZGE	EFI	98.08-01.06	GWT-118A	16110-49148
JZX91	3000	2JZGE	EFI	92.10-96.09	GWT-120AH	16100-49838
MX83	3000	7MGE	TWC	89.08-92.10	GWT-82A	16100-49805

COASTER

RB20	2400	22R	GAS	82.05-90.01	GWT-41A	16100-39317
RB20	2400	22R	GAS	82.05-90.01		16100-39336
RB20	2400	22R	GAS	82.05-93.01		16100-39356
RB26V	2400	22R	GAS	84.08-88.08		16100-39356
BB20/30	3400	3B	DIE	82.05-83.02	GWT-108A	16100-59105
BB21/31	3400	3B	DIE	83.02-90.01	GWT-108A	16100-59105
BB21/31	3400	3B	DIE	83.02-93.01	GWT-112A	16100-59187
BB26V	3400	3B	DIE	84.08-90.01	GWT-108A	16100-59105
BB26V	3400	3B	DIE	84.08-93.01	GWT-112A	16100-59187
BB36V	3400	3B	DIE	84.08-88.08	GWT-108A	16100-59105
BB40/46V	3400	3B	DIE	93.01-99.07	GWT-112A	16100-59187
BB23/24	3700	14B	DIE	88.08-93.01	GWT-112A	16100-59187
HB30/36V	4000	2H	DIE	82.05-90.01	GWT-65A*	16100-69037
HB31	4000	12HT	DTB	85.10-90.01	GWT-65A*	16100-69037
HB32	4000	12HT	DTB	88.08-90.01	GWT-65A*	16100-69037
BB55/58	4100	15BF	DIE	95.12-97.05	GWT-112A	16100-59187
BB58	4100	15BFTE	DTB	99.07-04.08		16100-59295
BZB40/50	4100	1BZFPE	LPG	02.03-14.01	GWT-112A	16100-59187
XZB40/46V/50/51/56V	4100	N04CTK	DTB	07.08-14.01		16100-78112
XZB40/50	4100	N04CTB	DTB	04.08-14.01		16100-78112
XZB46V/56V	4100	N04CTB	DTB	04.08-07.08		16100-78112
XZB50/51	4100	N04CTC	DTB	04.08-07.08		16100-78112
XZB50/51	4100	N04CTG	DTB	05.12-14.01		16100-78112
XZB51	4100	N04CUB	DTB	07.08-14.01		16100-78112
HDB20/30/31	4200	1HDT	DTB	90.01-93.01	GWT-91A	16100-19235
HDB50/51	4200	1HDT	DTB	93.01-95.05	GWT-91A	16100-19235
HDB50/51	4200	1HDFTE	DTB	95.05-99.07	GWT-91A	16100-19235
HDB50/51	4200	1HDFTE	DTB	99.07-04.08	GWT-91A	16100-19235
HDB50/51	4200	1HDFTE	DTB	99.07-04.08		16100-19325
HZB30/31/36V	4200	1HZ	DIE	90.01-93.01	GWT-91A	16100-19235
HZB40/41/46V/50/56V	4200	1HZ	DIE	99.07-04.08		16100-19325
HZB40/41/50/56V	4200	1HZ	DIE	93.01-04.08	GWT-91A	16100-19235
HZB46V	4200	1HZ	DIE	99.07-04.08	GWT-91A	16100-19235
RX4JFAT/4JFET	5300	J05C	DIE	96.05-99.05		16100-E0200
RX4JFAT/4JFET	5300	J05CTI	DTB	96.05-99.05		16100-E0200

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COASTER

RX4JFET	5300	J05CTG	DTB	01.07-05.03		16100-E0200
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COMFORT

SXS11Y	1800	4SFE	EFI	96.04-01.08	GWT-77A*	16100-79186
SXS11Y	1800	4SFE	EFI	96.04-01.08	GWT-77A	16110-79026
SXS13Y	2000	3SFE	EFI	01.08-07.07	GWT-77A*	16100-79186
SXS13Y	2000	3SFE	EFI	01.08-07.07	GWT-77A	16110-79026
TSS10	2000	1TRFPE	LPG	08.08-14.01	GWT-153F	16210-75111
TSS11/11Y	2000	1TRFPE	LPG	08.08-14.01	GWT-131A	16100-79445
TSS11/11Y	2000	1TRFPE	LPG	08.08-14.01	GWT-153F	16210-75111
TSS13Y	2000	1TRFE	EFI	07.09-14.04	GWT-131A	16100-79445
TSS13Y	2000	1TRFE	EFI	07.09-14.04	GWT-153F	16210-75111
YXS11	2000	3YPE	LPG	95.12-08.08	GWT-114A	16100-79037
YXS11Y	2000	3YPE	LPG	96.04-08.08	GWT-114A	16100-79037
LXS11	2400	2LTE	DTB	95.12-99.08	GWT-79A	16100-59257
LXS11Y	2400	2LTE	DTB	96.04-99.08	GWT-79A	16100-59257

COROLLA AXIO

ZRE160	1300	1NRFE	EFI	12.04-14.01	GWT-149A	16100-80004
ZRE160	1300	1NRFE	EFI	12.04-14.01		16100-80010
NZE141/144	1500	1NZFE	EFI	06.09-14.04	GWT-101A	16100-29156
NZE161/164	1500	1NZFE	EFI	12.04-14.01		16100-29157
NKE165	1500	1NZFXE	EFI	13.08-14.01		161A0-29015
NKE165	1500	1NZFXE	EFI	13.08-14.01		G9040-52010
ZRE142/144	1800	2ZRFE	EFI	06.09-10.05	GWT-144A	16100-39466
ZRE142/144	1800	2ZRFAE	EFI	10.04-14.01	GWT-144A	16100-39466

COROLLA CERES

AE100	1500	5AFE	EFI	92.05-98.08		16100-19355
AE100	1500	5AFE	EFI	92.05-98.08	GWT-83A	16110-19146
AE100	1500	5AFE	EFI	92.05-98.08	GWT-83A	16110-19205
AE101	1600	4AFE	EFI	92.05-98.08		16100-19355
AE101	1600	4AFE	EFI	92.05-98.08	GWT-83A	16110-19146
AE101	1600	4AFE	EFI	92.05-98.08	GWT-83A	16110-19205
AE101	1600	4AGE	EFI	92.05-98.08		16100-19245
AE101	1600	4AGE	EFI	92.05-98.08	GWT-121A*	16100-19285
AE101	1600	4AGE	EFI	92.05-98.08	GWT-129A	16110-19125
AE101	1600	4AGE	EFI	92.05-98.08	GWT-121A	16110-19195

COROLLA FIELDER

NZE121G/124G	1500	1NZFE	EFI	00.08-06.10	GWT-101A	16100-29156
NZE141G/144G	1500	1NZFE	EFI	06.09-14.01	GWT-101A	16100-29156
NZE161G/164G	1500	1NZFE	EFI	12.04-14.01		16100-29157
NKE165G	1500	1NZFXE	EFI	13.08-14.01		161A0-29015
NKE165G	1500	1NZFXE	EFI	13.08-14.01		G9040-52010
ZRE162G	1800	2ZRFAE	EFI	12.04-14.01		16100-39565
ZRE142G/144G	1800	2ZRFE	EFI	06.09-10.05	GWT-144A	16100-39466
ZRE142G/144G	1800	2ZRFAE	EFI	10.04-14.01	GWT-144A	16100-39466
ZZE122G/124G	1800	1ZZFE	EFI	00.08-06.10	GWT-133A	16100-29415
ZZE123G	1800	2ZZGE	EFI	00.08-06.10	GWT-124A	16100-29146
CE121G	2200	3CE	DIE	00.08-04.04	GWT-94A	16100-69435

COROLLA FX

EE80	1300	2ELU	GAS	85.05-87.04	GWT-68A*	16100-19135
EE80	1300	2ELU	GAS	85.05-87.04		16100-19195
EE80	1300	2ELU	GAS	85.05-87.04	GWT-93A	16110-19106
EE90	1300	2E	GAS	87.05-89.05		16100-19195
EE90	1300	2E	GAS	87.05-89.05	GWT-93A	16110-19106
AE81	1500	3ALU	GAS	84.10-87.04	GWT-58A*	16100-19106
AE81	1500	3ALU	GAS	84.10-87.04	GWT-58A	16110-19047
AE91	1500	5AF	GAS	87.05-89.05	GWT-78A*	16100-19205
AE91	1500	5AF	GAS	87.05-89.05	GWT-78A	16110-19076

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COROLLA FX

AE91	1500	5AF	GAS	87.05-89.05	GWT-78A	16110-19086
AE91	1500	5AFE	EFI	87.05-92.05	GWT-78A*	16100-19205
AE91	1500	5AFE	EFI	87.05-92.05	GWT-78A	16110-19076
AE91	1500	5AFE	EFI	87.05-92.05	GWT-78A	16110-19086
AE91	1500	5AFHE	EFS	89.05-92.05	GWT-78A*	16100-19205
AE91	1500	5AFHE	EFS	89.05-92.05	GWT-78A	16110-19076
AE91	1500	5AFHE	EFS	89.05-92.05	GWT-78A	16110-19086
AE101	1600	4AFE	EFI	92.05-95.05		16100-19355
AE101	1600	4AFE	EFI	92.05-95.05	GWT-83A	16110-19146
AE101	1600	4AFE	EFI	92.05-95.05	GWT-83A	16110-19205
AE101	1600	4AGE	EFI	92.05-95.05		16100-19245
AE101	1600	4AGE	EFI	92.05-95.05	GWT-129A	16110-19125
AE82	1600	4AELU	EFI	84.10-87.04	GWT-58A*	16100-19106
AE82	1600	4AELU	EFI	84.10-87.04	GWT-58A	16110-19047
AE82	1600	4AGELU	EFI	84.10-87.04	GWT-63A*	16100-19115
AE82	1600	4AGELU	EFI	84.10-87.04	GWT-63A	16110-19165
AE92	1600	4AGE	EFI	87.05-92.05	GWT-63A*	16100-19115
AE92	1600	4AGE	EFI	87.05-92.05	GWT-63A	16110-19165
CE80	1800	1CL	DIE	85.05-87.04	GWT-94A	16100-64H04

COROLLA LEVIN

AE100	1500	5AFE	EFI	91.06-95.05		16100-19355
AE100	1500	5AFE	EFI	91.06-95.05	GWT-83A	16110-19146
AE100	1500	5AFE	EFI	91.06-95.05	GWT-83A	16110-19205
AE110	1500	5AFE	EFI	95.05-00.08		16100-19355
AE110	1500	5AFE	EFI	95.05-00.08	GWT-83A	16110-19146
AE110	1500	5AFE	EFI	95.05-00.08	GWT-83A	16110-19205
AE110	1500	5AFE	EFI	98.04-00.08	GWT-83AH	16100-09120
AE85	1500	3AU	GAS	83.05-87.04	GWT-49A*	16100-19037
AE85	1500	3AU	GAS	83.05-87.04	GWT-49A	16110-19115
AE91	1500	5AF	GAS	87.05-89.05	GWT-78A*	16100-19205
AE91	1500	5AF	GAS	87.05-89.05	GWT-78A	16110-19076
AE91	1500	5AF	GAS	87.05-89.05	GWT-78A	16110-19086
AE91	1500	5AFE	EFI	87.05-91.06	GWT-78A*	16100-19205
AE91	1500	5AFE	EFI	87.05-91.06	GWT-78A	16110-19076
AE91	1500	5AFE	EFI	87.05-91.06	GWT-78A	16110-19086
AE91	1500	5AFHE	EFS	89.05-91.06	GWT-78A*	16100-19205
AE91	1500	5AFHE	EFS	89.05-91.06	GWT-78A	16110-19076
AE91	1500	5AFHE	EFS	89.05-91.06	GWT-78A	16110-19086
AE101	1600	4AFE	EFI	91.06-95.05		16100-19355
AE101	1600	4AFE	EFI	91.06-95.05	GWT-83A	16110-19146
AE101	1600	4AFE	EFI	91.06-95.05	GWT-83A	16110-19205
AE101	1600	4AGE	EFI	91.06-95.05		16100-19245
AE101	1600	4AGE	EFI	91.06-95.05	GWT-129A	16110-19125
AE101	1600	4AGZE	SPC	91.06-95.05	GWT-63A*	16100-19115
AE101	1600	4AGZE	SPC	91.06-95.05	GWT-63A	16110-19165
AE111	1600	4AFE	EFI	95.05-00.08		16100-19355
AE111	1600	4AFE	EFI	95.05-00.08	GWT-83A	16110-19146
AE111	1600	4AFE	EFI	95.05-00.08	GWT-83A	16110-19205
AE111	1600	4AGE	EFI	95.05-00.08	GWT-121A*	16100-19285
AE111	1600	4AGE	EFI	95.05-00.08	GWT-121A	16110-19195
AE111	1600	4AFE	EFI	98.04-00.08	GWT-83AH	16100-09120
AE86	1600	4AGEU	EFI	83.05-87.04	GWT-62A*	16100-19095
AE86	1600	4AGEU	EFI	83.05-87.04	GWT-62A	16110-19155
AE92	1600	4AGE	EFI	87.05-91.06	GWT-63A*	16100-19115
AE92	1600	4AGE	EFI	87.05-91.06	GWT-63A	16110-19165
AE92	1600	4AGZE	SPC	87.05-91.06	GWT-63A*	16100-19115
AE92	1600	4AGZE	SPC	87.05-91.06	GWT-63A	16110-19165

COROLLA RUMION

NZE151N	1500	1NZFE	EFI	07.10-14.01	GWT-101A	16100-29156
ZRE152N/154N	1800	2ZRFE	EFI	07.10-09.12	GWT-144A	16100-39466

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COROLLA RUMION

ZRE152N/154N	1800	2ZRFAE	EFI	09.12-14.01	GWT-144A	16100-39466
ZRE152N/154N	1800	2ZRFAE	EFI	09.12-14.01		16100-39565

COROLLA SPACIO

NZE121N	1500	1NZFE	EFI	01.05-07.06	GWT-101A	16100-29156
AE111N	1600	4AFE	EFI	97.01-01.05		16100-19355
AE111N	1600	4AFE	EFI	97.01-01.05	GWT-83A	16110-19146
AE111N	1600	4AFE	EFI	97.01-01.05	GWT-83A	16110-19205
AE111N	1600	4AFE	EFI	98.04-01.05	GWT-83AH	16100-09120
AE115N	1800	7AFE	EFI	97.01-01.05	GWT-86AH	16100-19305
AE115N	1800	7AFE	EFI	97.01-01.05		16110-19176
AE115N	1800	7AFE	EFI	97.01-01.05	GWT-86A	16110-19185
ZZE122N	1800	1ZZFE	EFI	01.05-07.06	GWT-133A	16100-29415
ZZE124N	1800	1ZZFE	EFI	01.08-07.06	GWT-133A	16100-29415

COROLLA/SPRINTER

KE11/17/18	1200	3K		69.09-70.04	GWT-02A	16100-29016
KE20	1200	3K		74.04-75.11	GWT-09A	16100-29028
KE20/25/26	1200	3K		70.05-74.03	GWT-03A	16100-29026
KE26	1200	3K		74.04-77.12	GWT-09A	16100-29028
KE30/35	1200	3K		74.04-75.11	GWT-10A	16100-29046
KE36	1200	3K		75.11-78.05	GWT-10A	16100-29046
KE36	1200	3K		78.05-79.08	GWT-30A	16100-19016
KE40/45	1200	3K		74.04-75.11	GWT-10A	16100-29046
KE50/60	1200	3K		76.01-78.05	GWT-09A	16100-29028
AE80	1300	2ALU	GAS	83.05-85.05	GWT-58A*	16100-19106
AE80	1300	2ALU	GAS	83.05-85.05	GWT-58A	16110-19047
EE101	1300	4EFE	EFI	91.06-95.05	GWT-117AH	16100-19226
EE101	1300	4EFE	EFI	91.06-95.05	GWT-93A	16110-19106
EE102V	1300	4EFE	EFI	94.01-02.06	GWT-117AH	16100-19226
EE102V	1300	4EFE	EFI	94.01-02.06	GWT-117A	16110-19107
EE102V	1300	4EFE	EFI	94.01-98.04	GWT-93A	16110-19106
EE106V	1300	2E	GAS	91.09-94.01	GWT-117AH	16100-19226
EE106V	1300	2E	GAS	91.09-94.01	GWT-93A	16110-19106
EE111	1300	4EFE	EFI	95.05-00.08	GWT-117AH	16100-19226
EE111	1300	4EFE	EFI	95.05-00.08	GWT-117A	16110-19107
EE111	1300	4EFE	EFI	95.05-98.04	GWT-93A	16110-19106
EE80	1300	2ELU	GAS	85.05-87.04	GWT-68A*	16100-19135
EE80	1300	2ELU	GAS	85.05-87.04		16100-19195
EE80	1300	2ELU	GAS	85.05-87.04	GWT-93A	16110-19106
EE90	1300	2E	GAS	87.05-89.05		16100-19195
EE90	1300	2E	GAS	87.05-91.06	GWT-93A	16110-19106
EE90	1300	2E	GAS	89.05-91.06	GWT-117AH	16100-19226
EE96V	1300	2E	GAS	87.08-91.09	GWT-117AH	16100-19226
EE96V	1300	2E	GAS	88.08-89.08		16100-19195
EE96V	1300	2E	GAS	88.08-91.08	GWT-93A	16110-19106
EE96V	1300	2E	GAS	89.08-91.08	GWT-117AH	16100-19226
EE96V/97G	1300	2E	GAS	87.08-89.08		16100-19195
EE96V/97G	1300	2E	GAS	87.08-91.09	GWT-93A	16110-19106
EE97G	1300	2E	GAS	89.08-91.09	GWT-117AH	16100-19226
KE55/65	1300	4K		77.10-79.02	GWT-30A	16100-19016
KE70	1300	4K		79.03-83.07	GWT-30A	16100-19016
KE71	1300	4K		79.08-81.08	GWT-30A	16100-19016
NZE120	1300	2NZFE	EFI	00.08-06.10	GWT-101A	16100-29156
TE20/25	1400	T		70.09-83.08	GWT-01A	16100-25012
TE30/35/40/45	1400	T		74.04-77.01	GWT-01A	16100-25012
TE36	1400	T		74.04-79.08	GWT-01A	16100-25012
TE50/60	1400	T		77.01-79.02	GWT-31AF	16100-28020
TE60	1400	T		77.01-77.03	GWT-35A	16110-26020
TE60	1400	T		77.03-79.02	GWT-31A	16110-28010
AE100	1500	5AFE	EFI	91.06-95.05		16100-19355
AE100	1500	5AFE	EFI	91.06-95.05	GWT-83A	16110-19146

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COROLLA/SPRINTER

AE100	1500	5AFE	EFI	91.06-95.05	GWT-83A	16110-19205
AE100	1500	5AFE	EFI	92.05-98.08		16100-19355
AE100	1500	5AFE	EFI	92.05-98.08	GWT-83A	16110-19146
AE100	1500	5AFE	EFI	92.05-98.08	GWT-83A	16110-19205
AE100G	1500	5AFE	EFI	91.09-00.08		16100-19355
AE100G	1500	5AFE	EFI	91.09-00.08	GWT-83A	16110-19146
AE100G	1500	5AFE	EFI	91.09-00.08	GWT-83A	16110-19205
AE100G/110	1500	5AFE	EFI	98.04-00.08	GWT-83AH	16100-09120
AE110	1500	5AFE	EFI	95.05-00.08		16100-19355
AE110	1500	5AFE	EFI	95.05-00.08	GWT-83A	16110-19146
AE110	1500	5AFE	EFI	95.05-00.08	GWT-83A	16110-19205
AE70	1500	3A		79.03-83.04	GWT-49A*	16100-19036
AE81	1500	3ALU	GAS	83.05-87.04	GWT-58A*	16100-19106
AE81	1500	3ALU	GAS	83.05-87.04	GWT-58A	16110-19047
AE85	1500	3AU	GAS	83.05-87.04	GWT-49A*	16100-19037
AE85	1500	3AU	GAS	83.05-87.04	GWT-49A	16110-19115
AE91	1500	5AF	GAS	87.05-89.05	GWT-78A*	16100-19205
AE91	1500	5AF	GAS	87.05-89.05	GWT-78A	16110-19076
AE91	1500	5AF	GAS	87.05-89.05	GWT-78A	16110-19086
AE91	1500	5AFE	EFI	87.05-91.06	GWT-78A*	16100-19205
AE91	1500	5AFE	EFI	87.05-91.06	GWT-78A	16110-19076
AE91	1500	5AFE	EFI	87.05-91.06	GWT-78A	16110-19086
AE91	1500	5AFE	EFI	88.05-91.06	GWT-78A*	16100-19205
AE91	1500	5AFE	EFI	88.05-91.06	GWT-78A	16110-19076
AE91	1500	5AFE	EFI	88.05-91.06	GWT-78A	16110-19086
AE91	1500	5AFHE	EPS	89.05-91.06	GWT-78A*	16100-19205
AE91	1500	5AFHE	EPS	89.05-91.06	GWT-78A	16110-19076
AE91	1500	5AFHE	EPS	89.05-91.06	GWT-78A	16110-19086
AE91G	1500	5AF	GAS	87.08-89.08	GWT-78A*	16100-19205
AE91G	1500	5AF	GAS	87.08-89.08	GWT-78A	16110-19076
AE91G	1500	5AF	GAS	87.08-89.08	GWT-78A	16110-19086
AE91G	1500	5AFE	EFI	89.08-91.09	GWT-78A*	16100-19205
AE91G	1500	5AFE	EFI	89.08-91.09	GWT-78A	16110-19076
AE91G	1500	5AFE	EFI	89.08-91.09	GWT-78A	16110-19086
EE103V/104G	1500	5EFE	EFI	94.01-02.06	GWT-117AH	16100-19226
EE103V/104G	1500	5EFE	EFI	94.01-98.04	GWT-93A	16110-19106
EE107V/108G	1500	3E	GAS	91.09-94.01	GWT-117AH	16100-19226
EE107V/108G	1500	3E	GAS	91.09-94.01	GWT-93A	16110-19106
EE98V	1500	3E	GAS	87.08-89.08		16100-19195
EE98V	1500	3E	GAS	87.08-91.09	GWT-93A	16110-19106
EE98V	1500	3E	GAS	88.08-89.08		16100-19195
EE98V	1500	3E	GAS	88.08-91.08	GWT-93A	16110-19106
EE98V	1500	3E	GAS	89.08-91.08	GWT-117AH	16100-19226
EE98V	1500	3E	GAS	89.08-91.09	GWT-117AH	16100-19226
NZE121/124	1500	1NZFE	EFI	00.08-06.10	GWT-101A	16100-29156
AE101	1600	4AFE	EFI	91.06-95.05		16100-19355
AE101	1600	4AFE	EFI	91.06-95.05	GWT-83A	16110-19146
AE101	1600	4AFE	EFI	91.06-95.05	GWT-83A	16110-19205
AE101	1600	4AGE	EFI	91.06-95.05		16100-19245
AE101	1600	4AGE	EFI	91.06-95.05	GWT-129A	16110-19125
AE101	1600	4AGE	TWC	91.06-95.05		16100-19245
AE101	1600	4AGE	TWC	91.06-95.05	GWT-129A	16110-19125
AE101	1600	4AGZE	SPC	91.06-95.05	GWT-63A*	16100-19115
AE101	1600	4AGZE	SPC	91.06-95.05	GWT-63A	16110-19165
AE101	1600	4AFE	EFI	92.05-98.08		16100-19355
AE101	1600	4AFE	EFI	92.05-98.08	GWT-83A	16110-19146
AE101	1600	4AFE	EFI	92.05-98.08	GWT-83A	16110-19205
AE101	1600	4AGE	EFI	92.05-98.08		16100-19245
AE101	1600	4AGE	EFI	92.05-98.08	GWT-121A*	16100-19285
AE101	1600	4AGE	EFI	92.05-98.08	GWT-129A	16110-19125
AE101	1600	4AGE	EFI	92.05-98.08	GWT-121A	16110-19195
AE101G	1600	4AGE	EFI	96.05-00.08	GWT-121A*	16100-19285

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COROLLA/SPRINTER

AE101G	1600	4AGE	EFI	96.05-00.08	GWT-121A	16110-19195
AE104	1600	4AFE	EFI	91.09-95.05		16100-19355
AE104	1600	4AFE	EFI	91.09-95.05	GWT-83A	16110-19146
AE104	1600	4AFE	EFI	91.09-95.05	GWT-83A	16110-19205
AE104G/114	1600	4AFE	EFI	95.05-00.08		16100-19355
AE104G/114	1600	4AFE	EFI	95.05-00.08	GWT-83A	16110-19146
AE104G/114	1600	4AFE	EFI	95.05-00.08	GWT-83A	16110-19205
AE104G/114,AE111	1600	4AFE	EFI	98.04-00.08	GWT-83AH	16100-09120
AE109V	1600	4AFE	EFI	96.05-02.06		16100-19355
AE109V	1600	4AFE	EFI	96.05-02.06	GWT-83A	16110-19146
AE109V	1600	4AFE	EFI	96.05-02.06	GWT-83A	16110-19205
AE109V	1600	4AFE	EFI	98.04-02.06	GWT-83AH	16100-09120
AE111	1600	4AGE	EFI	95.05-00.08	GWT-121A*	16100-19285
AE111	1600	4AGE	EFI	95.05-00.08	GWT-121A	16110-19195
AE111	1600	4AFE	EFI	95.05-97.04		16100-19355
AE111	1600	4AGE	EFI	97.04-00.08	GWT-121A*	16100-19285
AE111	1600	4AGE	EFI	97.04-00.08	GWT-121A	16110-19195
AE111	1600	4AGE	EFI	97.04-00.08	GWT-121A*	16100-19285
AE111G	1600	4AFE	EFI	96.05-02.07		16100-19355
AE111G	1600	4AFE	EFI	96.05-02.07	GWT-83A	16110-19146
AE111G	1600	4AFE	EFI	96.05-02.07	GWT-83A	16110-19205
AE111G	1600	4AGE	EFI	96.05-02.07	GWT-121A*	16100-19285
AE111G	1600	4AGE	EFI	96.05-02.07	GWT-121A	16110-19195
AE111G	1600	4AFE	EFI	97.04-02.07	GWT-83AH	16100-09120
AE114G	1600	4AFE	EFI	95.08-02.07		16100-19355
AE114G	1600	4AFE	EFI	95.08-02.07	GWT-83A	16110-19146
AE114G	1600	4AFE	EFI	95.08-02.07	GWT-83A	16110-19205
AE114G	1600	4AFE	EFI	98.04-02.07	GWT-83AH	16100-09120
AE82	1600	4AELU	EFI	83.05-87.04	GWT-58A*	16100-19106
AE82	1600	4AELU	EFI	83.05-87.04	GWT-58A	16110-19047
AE82	1600	4AGELU	EFI	84.10-87.04	GWT-63A*	16100-19115
AE82	1600	4AGELU	EFI	84.10-87.04	GWT-63A	16110-19165
AE86	1600	4AGEU	EFI	83.05-87.04	GWT-62A*	16100-19095
AE86	1600	4AGEU	EFI	83.05-87.04	GWT-62A	16110-19155
AE92	1600	4AGE	EFI	87.05-91.06	GWT-63A*	16100-19115
AE92	1600	4AGE	EFI	87.05-91.06	GWT-63A	16110-19165
AE92	1600	4AGZE	SPC	87.05-91.06	GWT-63A*	16100-19115
AE92	1600	4AGZE	SPC	87.05-91.06	GWT-63A	16110-19165
AE95	1600	4AF	GAS	87.10-89.05	GWT-78A*	16100-19205
AE95	1600	4AF	GAS	87.10-89.05	GWT-78A	16110-19076
AE95	1600	4AF	GAS	87.10-89.05	GWT-78A	16110-19086
AE95	1600	4AFE	EFI	89.05-91.06	GWT-78A*	16100-19205
AE95	1600	4AFE	EFI	89.05-91.06	GWT-78A	16110-19076
AE95	1600	4AFE	EFI	89.05-91.06	GWT-78A	16110-19086
AE95G	1600	4AFE	EFI	88.02-90.09	GWT-78A*	16100-19205
AE95G	1600	4AFE	EFI	88.02-90.09	GWT-78A	16110-19076
AE95G	1600	4AFE	EFI	88.02-90.09	GWT-78A	16110-19086
AE95G	1600	4AFHE	EFS	90.09-95.08	GWT-78A*	16100-19205
AE95G	1600	4AFHE	EFS	90.09-95.08	GWT-78A	16110-19076
AE95G	1600	4AFHE	EFS	90.09-95.08	GWT-78A	16110-19086
TE21/27	1600	2T		73.04-74.03	GWT-01A	16100-25012
TE27	1600	2T		72.03-74.03	GWT-46A	16100-88221
TE31/37/41/47	1600	2T		74.04-76.04	GWT-01A	16100-25012
TE37/47	1600	2T		74.04-75.11	GWT-46A	16100-88221
TE51/55/61/65	1600	2T		77.01-79.02	GWT-45A	16110-88260
TE51/61	1600	2T		76.05-78.05	GWT-01A	16100-25012
TE52/62	1600	12T		76.01-77.01	GWT-01A	16100-28012
TE52/62	1600	12T		77.03-77.08	GWT-31AF	16100-28020
TE56/66	1600	12T		77.08-79.02	GWT-31AF	16100-28020
TE62	1600	12T		77.03-77.08	GWT-31A	16110-28010
TE66	1600	12T		77.08-79.02	GWT-31A	16110-28010
TE71	1600	2T		79.03-83.04	GWT-45A	16110-88260

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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COROLLA/SPRINTER

TE73/73V/74/74V	1600	12T		79.08-83.08	GWT-31AF	16100-28020
TE74V	1600	12T		79.08-83.08	GWT-31A	16110-28010
AE115G	1800	7AFE	EFI	95.08-02.07	GWT-86AH	16100-19305
AE115G	1800	7AFE	EFI	95.08-02.07		16110-19176
AE115G	1800	7AFE	EFI	95.08-02.07	GWT-86A	16110-19185
CE80	1800	1CL	DIE	83.05-87.04	GWT-94A	16100-64H04
CE90	1800	1C	DIE	87.05-89.05	GWT-94A	16100-64H04
CE90	1800	1C	DIE	87.05-91.06	GWT-94A	16100-64H04
CE90	1800	1C	DIE	89.05-91.06	GWT-94A	16100-64H05
CE90	1800	1C	DIE	89.05-91.06	GWT-94A	16100-64H07
CE96V	1800	1C	DIE	87.08-91.09	GWT-94A	16100-64H05
CE96V	1800	1C	DIE	88.08-89.08	GWT-94A	16100-64H04
CE96V	1800	1C	DIE	89.08-91.08	GWT-94A	16100-64H05
CE96V	1800	1C	DIE	89.08-91.08	GWT-94A	16100-64H07
CE96V/97G	1800	1C	DIE	87.08-89.08	GWT-94A	16100-64H04
CE96V/97G	1800	1C	DIE	89.08-91.09	GWT-94A	16100-64H07
CE97G	1800	1C	DIE	89.08-91.09	GWT-94A	16100-64H05
TE70	1800	13T		79.08-81.08	GWT-31AF	16100-28020
TE70	1800	13T		79.08-81.08	GWT-31A	16110-28010
ZZE122/124	1800	1ZZFE	EFI	00.08-06.10	GWT-133A	16100-29415
CE100	2000	2C	DIE	91.06-95.05	GWT-94A	16100-64H07
CE100G/110/114	2000	2C	DIE	95.05-98.04	GWT-94A	16100-64H07
CE104	2000	2C	DIE	91.09-95.05	GWT-94A	16100-64H07
CE108G/106V/109V	2000	2C	DIE	91.09-98.04	GWT-94A	16100-64H07
CE110/114	2000	2C	DIE	95.05-98.04	GWT-94A	16100-64H06
CE95	2000	2C	DIE	89.10-91.06	GWT-94A	16100-64H05
CE95	2000	2C	DIE	89.10-91.06	GWT-94A	16100-64H07
CE101G/113/116	2200	3CE	DIE	98.04-00.08	GWT-94A	16100-69435
CE102G/105V/107V	2200	3CE	DIE	98.04-02.06	GWT-94A	16100-69435
CE113/116	2200	3CE	DIE	98.04-00.08	GWT-94A	16100-64H06
CE113/116	2200	3CE	DIE	98.04-00.08	GWT-94A	16100-69435
CE121	2200	3CE	DIE	00.08-04.04	GWT-94A	16100-69435

COROLLA II

EL30	1300	2E	GAS	86.05-90.09		16100-19195
EL30	1300	2E	GAS	86.05-90.09	GWT-93A	16110-19106
EL41	1300	4EFE	EFI	90.09-94.09	GWT-117AH	16100-19226
EL41	1300	4EFE	EFI	90.09-94.09	GWT-93A	16110-19106
EL51	1300	4EFE	EFI	94.09-99.07	GWT-117AH	16100-19226
EL51	1300	4EFE	EFI	94.09-99.07	GWT-93A	16110-19106
EL51	1300	4EFE	EFI	94.09-99.07	GWT-117A	16110-19107
EL31	1500	3E	GAS	86.05-90.09		16100-19195
EL31	1500	3E	GAS	86.05-90.09	GWT-93A	16110-19106
EL31	1500	3ETE	TBO	86.09-88.05	GWT-93A	16110-19106
EL31	1500	3ETE	TBO	86.09-90.09	GWT-117AH	16100-19226
EL31	1500	3EE	EFI	88.05-90.09	GWT-117AH	16100-19226
EL43	1500	5EFE	EFI	90.09-94.09	GWT-93A	16110-19106
EL43	1500	5EFHE	EFS	90.09-94.09	GWT-117AH	16100-19226
EL43/45	1500	5EFE	EFI	90.09-94.09	GWT-117AH	16100-19226
EL43/45	1500	5EFHE	EFS	90.09-94.09	GWT-93A	16110-19106
EL53/55	1500	5EFE	EFI	94.09-99.07	GWT-117AH	16100-19226
EL53/55	1500	5EFE	EFI	94.09-99.07	GWT-93A	16110-19106
EL53/55	1500	5EFE	EFI	94.09-99.07	GWT-117A	16110-19107
NL30	1500	1NT	DTB	86.05-90.09	GWT-113A	16100-59235
NL40	1500	1NT	DTB	90.09-94.09	GWT-113A	16100-59235
NL50	1500	1NT	DTB	94.09-99.07	GWT-113A	16100-59235

CORONA

AT140	1500	3AU	GAS	82.01-87.12	GWT-49A*	16100-19037
AT140	1500	3AU	GAS	82.01-87.12	GWT-49A	16110-19115
AT170	1500	5AF	GAS	87.12-89.11	GWT-78A*	16100-19205
AT170	1500	5AF	GAS	87.12-89.11	GWT-78A	16110-19076

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CORONA

AT170	1500	5AF	GAS	87.12-89.11	GWT-78A	16110-19086
AT170	1500	5AFE	EFI	89.11-92.02	GWT-78A*	16100-19205
AT170	1500	5AFE	EFI	89.11-92.02	GWT-78A	16110-19076
AT170	1500	5AFE	EFI	89.11-92.02	GWT-78A	16110-19086
ET176V	1500	3E	GAS	87.12-89.11		16100-19195
ET176V	1500	3E	GAS	87.12-92.11	GWT-93A	16110-19106
ET176V	1500	3E	GAS	89.11-92.11	GWT-117AH	16100-19226
KT147V	1500	5KJ	GAS	83.10-87.12	GWT-59A	16100-19077
RT80/86	1500	2R		70.02-70.09	GWT-25A	16100-39035
RT80/86/90	1500	2R		70.09-71.01	GWT-05A	16100-39115
AT141	1600	4AGEU	EFI	83.10-85.08	GWT-62A*	16100-19095
AT141	1600	4AGEU	EFI	83.10-85.08	GWT-62A	16110-19155
AT160	1600	4AGELU	TWC	85.08-87.08	GWT-63A*	16100-19115
AT160	1600	4AGELU	TWC	85.08-87.08	GWT-63A	16110-19165
AT175	1600	4AFE	EFI	88.08-92.02	GWT-78A*	16100-19205
AT175	1600	4AFE	EFI	88.08-92.02	GWT-78A	16110-19076
AT175	1600	4AFE	EFI	88.08-92.02	GWT-78A	16110-19086
AT190	1600	4AFE	EFI	92.02-96.01		16100-19355
AT190	1600	4AFE	EFI	92.02-96.01	GWT-83A	16110-19146
AT190	1600	4AFE	EFI	92.02-96.01	GWT-83A	16110-19205
AT210	1600	4AFE	EFI	96.01-01.12		16100-19355
AT210	1600	4AFE	EFI	96.01-01.12	GWT-83A	16110-19146
AT210	1600	4AFE	EFI	96.01-01.12	GWT-83A	16110-19205
AT210	1600	4AFE	EFI	98.08-01.12	GWT-83AH	16100-09120
RT100/106	1600	12R		73.08-75.11	GWT-05A	16100-39115
RT100/120	1600	12R		75.11-78.08	GWT-12A	16100-39116
RT130	1600	12R		79.02-81.08	GWT-12A	16100-39116
RT69/81/87/91	1600	12R		71.02-73.07	GWT-05A	16100-39115
RT82	1600	7R		70.02-70.09	GWT-26AF*	16100-39015
RT82	1600	7R		70.02-70.09	GWT-44A	16120-33010
TT100/110	1600	2T		73.08-76.04	GWT-01A	16100-25012
TT106	1600	2T		73.08-78.08	GWT-01A	16100-25012
TT120	1600	2T		76.05-78.08	GWT-01A	16100-25012
TT125	1600	12T		77.08-78.08	GWT-31AF	16100-28020
TT125	1600	12T		77.08-78.08	GWT-31A	16110-28010
TT130	1600	12T		78.09-81.12	GWT-31AF	16100-28020
TT130	1600	12T		78.09-81.12	GWT-31A	16110-28010
TT137	1600	2T		78.09-79.12	GWT-01A	16100-25012
TT138	1600	12T		79.12-81.12	GWT-31AF	16100-28020
TT138	1600	12T		79.12-81.12	GWT-31A	16110-28010
TT147V	1600	12TJ	GAS	82.01-83.10	GWT-31AF	16100-28020
TT147V	1600	12TJ	GAS	82.01-83.10	GWT-31A	16110-28010
RT84/88/94	1700	6R		70.10-73.07	GWT-26AF*	16100-39135
RT94	1700	6R		70.10-73.07	GWT-44A	16120-33010
AT211	1800	7AFE	EFI	96.01-01.12	GWT-86AH	16100-19305
AT211	1800	7AFE	EFI	96.01-01.12		16110-19176
AT211	1800	7AFE	EFI	96.01-01.12	GWT-86A	16110-19185
CT140	1800	1C	DIE	82.01-86.12	GWT-94A	16100-64H04
CT147V	1800	1C	DIE	82.01-87.12	GWT-94A	16100-64H04
RT102/108	1800	16R		75.09-75.11	GWT-26AF*	16100-39205
RT102/112	1800	16R		75.11-78.08	GWT-27AFH	16100-39236
RT108	1800	16R		75.11-78.08	GWT-80A	16100-39215
RT108	1800	16R		75.11-78.08	GWT-44A	16120-34090
RT112	1800	16R		75.09-75.11	GWT-26AF*	16100-39205
RT112	1800	16R		75.09-75.11	GWT-44A	16120-34090
RT112	1800	16R		75.11-78.08	GWT-27A	16120-34100
RT137	1800	16R		78.09-79.12	GWT-80A	16100-39215
RT137	1800	16R		78.09-79.12	GWT-44A	16120-34090
ST140	1800	1SU	GAS	82.01-87.12		16100-69077
ST140	1800	1SU	GAS	82.01-87.12		16100-69096
ST140	1800	1SU	GAS	82.01-87.12	GWT-53A	16110-69037
ST160	1800	1SILU	CI	85.08-88.05		16100-69077

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CORONA

ST160	1800	1SILU	CI	85.08-88.05	GWT-53A	16110-69037
ST163	1800	4SFI	CI	88.05-89.08	GWT-77A*	16100-79186
ST163	1800	4SFI	CI	88.05-89.08	GWT-77A	16110-79026
ST170	1800	4SFI	CI	87.12-89.11	GWT-77A*	16100-79186
ST170	1800	4SFI	CI	87.12-89.11	GWT-77A	16110-79026
ST170	1800	4SFE	EFI	89.11-92.02	GWT-77A*	16100-79186
ST170	1800	4SFE	EFI	89.11-92.02	GWT-77A	16110-79026
ST180/181	1800	4SFI	CI	89.09-90.08		16100-79136
ST180/181	1800	4SFI	CI	89.09-90.08	GWT-77A*	16100-79186
ST180/181	1800	4SFI	CI	89.09-90.08	GWT-77A	16110-79026
ST180/181	1800	4SFE	EFI	90.08-93.09	GWT-77A*	16100-79186
ST180/181	1800	4SFE	EFI	90.08-93.09	GWT-77A	16110-79026
ST190	1800	4SFE	EFI	92.02-96.01	GWT-77A*	16100-79186
ST190	1800	4SFE	EFI	92.02-96.01	GWT-77A	16110-79026
ST190Y	1800	4SFE	EFI	92.11-96.01	GWT-77A*	16100-79186
ST190Y	1800	4SFE	EFI	92.11-96.01	GWT-77A	16110-79026
ST200	1800	4SFE	EFI	93.09-98.04	GWT-77A*	16100-79186
ST200	1800	4SFE	EFI	93.09-98.04	GWT-77A	16110-79026
ST201	1800	4SFE	EFI	93.09-94.10	GWT-77A*	16100-79186
ST201	1800	4SFE	EFI	93.09-94.10	GWT-77A	16110-79026
TT121	1800	3T		77.03-78.08	GWT-31AF	16100-28020
TT121	1800	3T		77.03-78.08	GWT-31A	16110-28010
TT126	1800	13T		77.11-78.08	GWT-31AF	16100-28020
TT126	1800	13T		77.11-78.08	GWT-31A	16110-28010
TT131	1800	13T		78.09-81.12	GWT-31AF	16100-28020
TT131	1800	13T		78.09-81.12	GWT-31A	16110-28010
TT132	1800	3T		78.09-81.12	GWT-31AF	16100-28020
TT132	1800	3T		78.09-81.12	GWT-31A	16110-28010
TT142	1800	3TEU	EFI	82.01-83.10	GWT-31AF	16100-28020
TT142	1800	3TEU	EFI	82.01-83.10	GWT-31A	16110-28010
TT142	1800	3TGTEU	TBO	82.10-85.08		16030-88280
TT142	1800	3TGTEU	TBO	82.10-85.08		16100-88280
YT140	1800	2YPU	LPG	82.09-98.04	GWT-114A	16100-79037
RT93	1900	8R		71.02-72.07	GWT-26AF*	16100-39135
RT93	1900	8R		71.02-72.07	GWT-44A	16120-33010
CT141	2000	2C	DIE	86.12-91.11	GWT-94A	16100-64H04
CT141	2000	2C	DIE	86.12-91.11	GWT-94A	16100-64H06
CT170	2000	2C	DIE	87.12-91.06	GWT-94A	16100-64H05
CT170/176V	2000	2C	DIE	87.12-89.11	GWT-94A	16100-64H04
CT170/190	2000	2C	DIE	89.11-92.02	GWT-94A	16100-64H07
CT176V	2000	2C	DIE	87.12-92.11	GWT-94A	16100-64H05
CT176V	2000	2C	DIE	89.11-92.11	GWT-94A	16100-64H07
CT190Y	2000	2C	DIE	92.11-96.01	GWT-94A	16100-64H07
CT195	2000	2C	DIE	92.08-96.01	GWT-94A	16100-64H07
CT210/215	2000	2CT	DTB	96.01-97.12	GWT-94A	16100-64H07
RT103	2000	19R		74.12-75.10	GWT-26AF*	16100-39196
RT103	2000	19R		74.12-75.10	GWT-44A	16120-33010
RT104/114	2000	18R		73.08-75.09	GWT-26AF*	16100-39016
RT104/114	2000	18R		73.08-75.11	GWT-26AF*	16100-39165
RT104/114	2000	18R		75.09-75.11	GWT-26AF*	16100-39017
RT104/114	2000	18R		75.12-77.01	GWT-27AFH	16100-39226
RT114	2000	18R		73.08-75.11	GWT-44A	16120-33010
RT114	2000	18R		75.12-77.01	GWT-27A	16120-34100
RT122	2000	18R		76.06-78.08	GWT-27AFH	16100-39236
RT122	2000	18R		76.06-78.08	GWT-27A	16120-34100
RT123	2000	19R		76.05-78.08	GWT-27AFH	16100-39236
RT123	2000	19R		76.05-78.08	GWT-27A	16120-34100
RT131	2000	5R		78.09-82.08		16100-49557
RT133	2000	21R		78.09-81.12	GWT-41A	16100-39326
RT141	2000	18RGEU	EFI	82.01-82.10	GWT-27AFH	16100-39228
RT141	2000	18RGEU	EFI	82.01-82.10	GWT-27A	16110-88251
RT95	2000	18R		72.08-73.07	GWT-26AF*	16100-39135

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CORONA

RT95	2000	18R		72.08-73.07	GWT-44A	16120-33010
ST162	2000	3SGELU	TWC	85.08-89.08		16100-79096
ST162	2000	3SGELU	TWC	85.08-89.08	GWT-67A	16110-79095
ST162	2000	3SFE	EFI	87.08-89.08	GWT-77A*	16100-79186
ST162	2000	3SFE	EFI	87.08-89.08	GWT-77A	16110-79026
ST171	2000	3SGE	EFI	87.12-89.11		16100-79096
ST171	2000	3SGE	EFI	87.12-89.11	GWT-67A	16110-79095
ST171	2000	3SFE	EFI	87.12-92.02	GWT-77A*	16100-79186
ST171	2000	3SFE	EFI	87.12-92.02	GWT-77A	16110-79026
ST171	2000	3SGE	EFI	89.11-92.02		16100-79127
ST171	2000	3SGE	EFI	89.11-92.02	GWT-107A	16110-79115
ST182/183	2000	3SFE	EFI	89.09-93.09		16100-79136
ST182/183	2000	3SFE	EFI	89.09-93.09	GWT-77A*	16100-79186
ST182/183	2000	3SFE	EFI	89.09-93.09	GWT-77A	16110-79026
ST182/183	2000	3SGE	TWC	89.09-93.09		16100-79176
ST182/183	2000	3SGE	TWC	89.09-93.09	GWT-107A	16110-79115
ST191/195	2000	3SFE	EFI	92.02-96.01	GWT-77A*	16100-79186
ST191/195	2000	3SFE	EFI	92.02-96.01	GWT-77A	16110-79026
ST202	2000	3SFE	EFI	93.09-98.04	GWT-77A*	16100-79186
ST202	2000	3SFE	EFI	93.09-98.04	GWT-77A	16110-79026
ST202	2000	3SGE	TWC	93.09-98.04		16100-79226
ST202	2000	3SGE	TWC	93.09-98.04	GWT-122A	16110-79135
ST203	2000	3SFE	EFI	93.09-97.12	GWT-77A*	16100-79186
ST203	2000	3SFE	EFI	93.09-97.12	GWT-77A	16110-79026
ST205	2000	3SGE	TWC	94.05-98.04		16100-79226
ST205	2000	3SGE	TWC	94.05-98.04	GWT-122A	16110-79135
ST210	2000	3SFE	EFI	96.01-97.12	GWT-77A*	16100-79186
ST210	2000	3SFE	EFI	96.01-97.12	GWT-77A	16110-79026
ST210	2000	3SFSE	D4	96.12-01.12	GWT-77A*	16100-79186
ST210	2000	3SFSE	D4	96.12-01.12	GWT-77A	16110-79026
ST215	2000	3SFE	EFI	96.01-01.12	GWT-77A*	16100-79186
ST215	2000	3SFE	EFI	96.01-01.12	GWT-77A	16110-79026
TR132	2000	18R		78.09-81.12	GWT-27AFH	16100-39227
TR132	2000	18R		78.09-81.12	GWT-27A	16120-34100
CT211/216	2200	3CTE	DTB	97.12-01.12	GWT-94A	16100-64H07
CT211/216	2200	3CTE	DTB	97.12-01.12	GWT-94A	16100-69435

CRESTA

SX80/80Y	1800	4SFI	CI	88.08-90.08	GWT-77A*	16100-79186
SX80/80Y	1800	4SFI	CI	88.08-90.08	GWT-77A	16110-79026
SX80/80Y	1800	4SFE	HTC	90.08-92.10	GWT-77A*	16100-79186
SX80/80Y	1800	4SFE	HTC	90.08-92.10	GWT-77A	16110-79026
SX90	1800	4SFE	EFI	92.10-96.09	GWT-77A*	16100-79186
SX90	1800	4SFE	EFI	92.10-96.09	GWT-77A	16110-79026
TX50	1800	13T		80.03-82.08	GWT-31AF	16100-28020
TX50	1800	13T		80.03-82.08	GWT-31A	16110-28010
GX100	2000	1GFE	EFI	96.09-98.08	GWT-111A	16100-79117
GX100/105	2000	1GFE	EFI	98.08-01.06	GWT-111A	16100-79285
GX50/51/52/61	2000	1G		80.03-88.08	GWT-66A	16100-79015
GX81	2000	1GGTE	TWT	88.08-90.08		16100-79065
GX81	2000	1GGZE	SPC	88.08-90.08		16100-79055
GX81	2000	1GFE	HTC	88.08-92.10	GWT-111A	16100-79117
GX81	2000	1GGE	TWC	88.08-92.10	GWT-70A	16100-79025
GX90	2000	1GFE	EFI	92.10-96.09	GWT-111A	16100-79117
YX80Y	2000	3YP	LPG	88.08-92.10	GWT-114A	16100-79037
LX100	2400	2LTE	DTB	96.09-99.09	GWT-79A	16100-59257
LX80/80Y	2400	2L	DIE	88.08-92.10	GWT-79A	16100-59257
LX80/80Y	2400	2LT	DTB	88.08-92.10	GWT-79A	16100-59257
LX90	2400	2LTE	DTB	92.10-96.09	GWT-79A	16100-59257
JZX100	2500	1JZGTE	TBO	96.09-01.06		16100-49856
JZX100	2500	1JZGTE	TBO	96.09-01.06		16110-49135
JZX100/105	2500	1JZGE	EFI	96.09-01.06		16100-80009

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CRESTA

JZX100/105	2500	1JZGE	EFI	96.09-01.06	GWT-118A	16110-49148
JZX81	2500	1JZGE	TWC	90.08-92.10	GWT-120AH	16100-49838
JZX81	2500	1JZGE	TWC	90.08-92.10	GWT-120A	16110-49097
JZX81	2500	1JZGTE	TWT	90.08-92.10		16090-49017
JZX81	2500	1JZGTE	TWT	90.08-92.10		16110-46011
JZX90	2500	1JZGE	EFI	92.10-96.09	GWT-120AH	16100-49838
JZX90	2500	1JZGE	EFI	92.10-96.09	GWT-120A	16110-49097
JZX90	2500	1JZGTE	TBO	92.10-96.09		16090-49017
JZX90	2500	1JZGTE	TBO	92.10-96.09		16110-46011
JZX93	2500	1JZGE	EFI	93.10-96.09	GWT-120AH	16100-49838
JZX93	2500	1JZGE	EFI	93.10-96.09	GWT-120A	16110-49097
JZX101	3000	2JZGE	EFI	96.09-01.06	GWT-120AH	16100-49838
JZX101	3000	2JZGE	EFI	98.08-01.06	GWT-118AH	16100-80009
JZX101	3000	2JZGE	EFI	98.08-01.06	GWT-118A	16110-49148
JZX91	3000	2JZGE	EFI	92.10-96.09	GWT-120AH	16100-49838
MX83	3000	7MGE	TWC	89.08-92.10	GWT-82A	16100-49805

CROWN

GBS12	2000	1GFE	EFI	02.10-08.08		16100-79295
GS130	2000	1GFE	HTC	87.09-95.12	GWT-111A	16100-79117
GS130	2000	1GGP	TLP	89.08-95.12		16100-79146
GS130/130G/131/136V	2000	1GE	EFI	87.09-89.08	GWT-66A	16100-79015
GS130G	2000	1GFE	HTC	88.09-99.04	GWT-111A	16100-79117
GS130G/131	2000	1GGZE	SPC	87.09-91.10		16100-79055
GS130H	2000	1GGP	TLP	91.12-95.12		16100-79146
GS130W	2000	1GFE	HTC	95.12-99.04	GWT-111A	16100-79117
GS131	2000	1GGE	TWC	87.09-91.10	GWT-70A	16100-79025
GS131	2000	1GFE	HTC	88.09-91.10	GWT-111A	16100-79117
GS131H	2000	1GGZE	SPC	89.08-91.10		16100-79055
GS131H	2000	1GFE	HTC	91.10-95.12	GWT-111A	16100-79117
GS136V	2000	1GFE	HTC	89.08-99.04	GWT-111A	16100-79117
GS141	2000	1GFE	HTC	93.08-95.08	GWT-111A	16100-79117
GS151	2000	1GFE	HTC	95.12-98.08	GWT-111A	16100-79117
GS151/151H	2000	1GFE	HTC	98.08-01.08	GWT-111A	16100-79285
GS151/151H,GXS10	2000	1GGPE	LPG	95.12-01.02		16100-79146
GS151H	2000	1GFE	HTC	95.08-98.08	GWT-111A	16100-79117
GS171	2000	1GFE	EFI	99.09-03.12	GWT-111A	16100-79285
GS171W	2000	1GFE	EFI	01.08-03.12	GWT-111A	16100-79285
GXS10	2000	1GGPE	LPG	01.10-02.10		16100-79146
GXS12	2000	1GFE	EFI	01.08-07.08	GWT-111A	16100-79285
MS100/102	2000	M		76.05-77.07	GWT-28A	16100-49486
MS105/107	2000	M		77.07-79.08	GWT-28A	16100-49506
MS110	2000	M		79.09-83.07	GWT-55A	16100-49595
MS117	2000	M		79.09-82.08	GWT-55A	16100-49595
MS130	2000	MP	LPG	87.09-89.08	GWT-55A	16100-49787
MS130	2000	MP	LPG	87.09-89.08	GWT-55A	16110-49086
MS50/51/52/56	2000	M		67.09-71.01	GWT-06A	16103-40031
MS60/62/66/70	2000	M		71.02-72.12	GWT-15A	16100-49138
MS60/62/66/70	2000	M		73.01-74.09		16100-49295
MS70	2000	M		73.01-74.09	GWT-28A	16120-42012
MS80/82/90	2000	M		74.10-76.11	GWT-28A	16100-49406
MS87	2000	M		74.10-79.08	GWT-28A	16100-49506
RS100	2000	5R		76.11-79.03		16100-49445
RS100	2000	5R		76.11-79.03		16100-49455
RS105	2000	5R		79.03-79.08		16100-49447
RS105	2000	5R		79.03-79.08		16100-49556
RS110	2000	5R		79.09-80.10		16100-49447
RS110	2000	5R		79.09-80.10		16100-49556
RS50/50B/50P/56	2000	5R		67.09-71.01	GWT-36A	16103-40011
RS50H/50HB	2000	5R		69.09-71.01	GWT-06A	16103-40031
RS60/66	2000	5R		71.02-74.09	GWT-14A	16100-49155
RS80	2000	5R		74.10-75.05	GWT-14A	16100-49155

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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CROWN

RS80	2000	5R		75.05-75.11	GWT-24A	16100-49415
RS80	2000	5R		75.11-76.11		16100-49445
TSS10/10H	2000	1TRFPE	LPG	08.08-14.04	GWT-131A	16100-79445
TSS10/10H	2000	1TRFPE	LPG	08.08-14.04	GWT-153F	16210-75111
YS130	2000	3YP	LPG	87.09-89.08	GWT-114A	16100-79037
YS130	2000	3YPE	LPE	89.08-95.12	GWT-114A	16100-79037
YXS10	2000	3YPE	LPG	01.08-08.08	GWT-114A	16100-79037
YXS10	2000	3YPE	LPG	95.12-08.08	GWT-114A	16100-79037
YXS10H	2000	3YPE	LPG	02.10-08.08	GWT-114A	16100-79037
LS130	2400	2L	DIE	87.09-91.10	GWT-79A	16100-59257
LS130	2400	2LT	DTB	87.09-91.10	GWT-61A	16100-59139
LS130	2400	2LT	DTB	87.09-91.10	GWT-79A	16100-59257
LS130	2400	2LTHE	DTB	87.09-93.08	GWT-79A	16100-59257
LS130/130G	2400	2LTHE	DTB	87.09-91.10	GWT-61A	16100-59139
LS130/131H	2400	2LTE	DTB	93.08-95.09	GWT-79A	16100-59257
LS130/136V	2400	2L	DIE	87.09-91.10	GWT-61A	16100-59139
LS130G	2400	2LTHE	DTB	87.09-91.10	GWT-79A	16100-59257
LS130W	2400	2LTE	DTB	93.08-99.04	GWT-79A	16100-59257
LS130W/131H/141	2400	2LTHE	DTB	91.10-93.08	GWT-79A	16100-59257
LS131	2400	2LT	DTB	89.08-91.10	GWT-79A	16100-59257
LS131	2400	2LTHE	DTB	89.08-91.10	GWT-79A	16100-59257
LS136V	2400	2L	DIE	87.09-94.09	GWT-79A	16100-59257
LS141	2400	2LTE	DTB	93.08-95.08	GWT-79A	16100-59257
LS151	2400	2LTE	DTB	95.12-99.09	GWT-79A	16100-59257
LS151H	2400	2LTE	DTB	95.08-99.09	GWT-79A	16100-59257
GRS180	2500	4GRFSE	D4	03.12-08.02		16100-39436
GRS181	2500	4GRFSE	D4	04.08-08.02		16100-39436
GRS200/201	2500	4GRFSE	D4	08.02-14.01		16100-39436
JZS130G	2500	1JZGE	TWC	90.08-98.09	GWT-120AH	16100-49838
JZS130G	2500	1JZGE	TWC	90.08-98.09	GWT-120A	16110-49097
JZS130G	2500	1JZGE	TWC	91.10-99.04	GWT-118AH	16100-80009
JZS130G	2500	1JZGE	TWC	91.10-99.04	GWT-118A	16110-49148
JZS131	2500	1JZGE	TWC	90.08-95.12	GWT-120AH	16100-49838
JZS131	2500	1JZGE	TWC	90.08-95.12	GWT-120A	16110-49097
JZS141	2500	1JZGE	TWC	91.10-95.08	GWT-120AH	16100-49838
JZS141	2500	1JZGE	TWC	91.10-95.08	GWT-120A	16110-49097
JZS151	2500	1JZGE	TWC	95.08-01.08	GWT-118AH	16100-80009
JZS151	2500	1JZGE	TWC	95.08-01.08	GWT-118A	16110-49148
JZS151	2500	1JZGE	TWC	95.08-98.08	GWT-120AH	16100-49838
JZS151	2500	1JZGE	TWC	95.08-98.08	GWT-120A	16110-49097
JZS153	2500	1JZGE	TWC	95.12-01.08	GWT-118AH	16100-80009
JZS153	2500	1JZGE	TWC	95.12-01.08	GWT-118A	16110-49148
JZS153	2500	1JZGE	TWC	95.12-98.08	GWT-120AH	16100-49838
JZS153	2500	1JZGE	TWC	95.12-98.08	GWT-120A	16110-49097
JZS171	2500	1JZFSE	D4	01.08-03.12	GWT-118AH	16100-80009
JZS171	2500	1JZFSE	D4	01.08-03.12	GWT-118A	16110-49148
JZS171	2500	1JZGE	EFI	99.09-01.08	GWT-118AH	16100-80009
JZS171	2500	1JZGE	EFI	99.09-01.08	GWT-118A	16110-49148
JZS171	2500	1JZGTE	TBO	99.09-03.12		16100-49856
JZS171	2500	1JZGTE	TBO	99.09-03.12		16110-49135
JZS171W	2500	1JZFSE	D4	01.08-07.06	GWT-118AH	16100-80009
JZS171W	2500	1JZFSE	D4	01.08-07.06	GWT-118A	16110-49148
JZS171W	2500	1JZGE	EFI	99.12-01.08	GWT-118AH	16100-80009
JZS171W	2500	1JZGE	EFI	99.12-01.08	GWT-118A	16110-49148
JZS171W	2500	1JZGTE	TBO	99.12-03.12		16100-49856
JZS171W	2500	1JZGTE	TBO	99.12-03.12		16110-49135
JZS173	2500	1JZGE	EFI	99.09-03.12	GWT-118AH	16100-80009
JZS173	2500	1JZGE	EFI	99.09-03.12	GWT-118A	16110-49148
JZS173W	2500	1JZGE	EFI	99.12-07.06	GWT-118AH	16100-80009
JZS173W	2500	1JZGE	EFI	99.12-07.06	GWT-118A	16110-49148
AWS210	2500	2ARFSE	D4S	12.12-14.01		16100-39575
AWS210	2500	2ARFSE	D4S	12.12-14.01		G9040-33030

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CROWN

MS101/103	2600	4M		76.11-79.03	GWT-28A	16100-49506
MS106	2600	4M		78.02-79.08	GWT-28A	16100-49506
MS65/70	2600	4M		73.01-74.09		16100-49295
MS65/75	2600	4M		71.05-72.12	GWT-15A	16100-49138
MS70	2600	4M		73.01-74.09		16100-59395
MS70	2600	4M		73.01-74.09	GWT-28A	16120-42012
MS83/85	2600	4M		75.05-76.11	GWT-28A	16100-49506
MS85/95	2600	4M		74.10-75.05		16100-59395
MS95	2600	4M		74.10-76.11	GWT-28A	16100-49506
MS112	2800	5M		79.09-83.07	GWT-55A	16100-49595
GRS182/183	3000	3GRFSE	D4	03.12-08.02		16100-39436
GRS202/203	3000	3GRFSE	D4	08.02-14.01		16100-39436
JKS175	3000	2JZFSE	D4	01.08-03.12	GWT-118AH	16100-80009
JKS175	3000	2JZFSE	D4	01.08-03.12	GWT-118A	16110-49148
JZS133/135	3000	2JZGE	TWC	91.10-95.12	GWT-120AH	16100-49838
JZS143/145	3000	2JZGE	TWC	91.10-95.08	GWT-120AH	16100-49838
JZS147	3000	2JZGE	TWC	92.10-95.08	GWT-120AH	16100-49838
JZS149	3000	2JZGE	TWC	91.10-95.08	GWT-120AH	16100-49838
JZS155	3000	2JZGE	TWC	95.08-01.08	GWT-120AH	16100-49838
JZS155	3000	2JZGE	TWC	95.08-99.09	GWT-120AH	16100-49838
JZS155	3000	2JZGE	TWC	98.08-01.08	GWT-118AH	16100-80009
JZS155	3000	2JZGE	TWC	98.08-01.08	GWT-118A	16110-49148
JZS157	3000	2JZGE	TWC	98.08-99.09	GWT-120AH	16100-49838
JZS175	3000	2JZFSE	D4	99.09-03.12	GWT-118AH	16100-80009
JZS175	3000	2JZFSE	D4	99.09-03.12	GWT-118A	16110-49148
JZS175W	3000	2JZFSE	D4	99.12-07.06	GWT-118AH	16100-80009
JZS175W	3000	2JZFSE	D4	99.12-07.06	GWT-118A	16110-49148
JZS177	3000	2JZFSE	D4	99.09-04.06	GWT-118AH	16100-80009
JZS177	3000	2JZFSE	D4	99.09-04.06	GWT-118A	16110-49148
JZS179	3000	2JZGE	EFI	99.09-03.12	GWT-118AH	16100-80009
JZS179	3000	2JZGE	EFI	99.09-03.12	GWT-118A	16110-49148
MS135/137	3000	7MGE	TWC	87.09-91.10	GWT-82A	16100-49805
GRS184	3500	2GRFSE	D4	05.09-08.02		16100-39436
GRS204	3500	2GRFSE	D4S	08.02-14.01		16100-39436
GWS204	3500	2GRFSE	D4S	08.02-14.01		16100-39436
GWS204	3500	2GRFSE	D4S	08.02-14.01		G9040-30010
GRS204	3500	2GRFSE	D4S	08.02-14.01		16100-39436
GWS204	3500	2GRFSE	D4S	08.02-14.01		16100-39436
GWS204	3500	2GRFSE	D4S	08.02-14.01		G9040-30010
GRS214	3500	2GRFSE	D4S	12.12-140.1		16100-39436
GWS214	3500	2GRFXE	D4S	13.09-14.01		16100-39436
GWS214	3500	2GRFXE	D4S	13.09-14.01		G9040-48010
UZS131	4000	1UZFE	HTC	89.08-91.10	GWT-84A	16100-50023
UZS141	4000	1UZFE	HTC	91.10-95.08	GWT-84A	16100-50023
UZS143/145	4000	1UZFE	HTC	92.10-95.08	GWT-84A	16100-50023
UZS147	4000	1UZFE	HTC	93.08-95.08	GWT-84A	16100-50023
UZS151/157	4000	1UZFE	HTC	95.08-97.07	GWT-84A	16100-50023
UZS151/157	4000	1UZFE	HTC	97.07-99.09		16100-59276
UZS155	4000	1UZFE	HTC	95.11-98.08	GWT-84A	16100-50023
UZS155	4000	1UZFE	HTC	95.11-99.09		16100-59276
UZS171/173/175	4000	1UZFE	EFI	99.09-04.06		16100-59276
UZS186/187	4300	3UZFE	EFI	04.06-08.02		16100-59276
UZS207	4300	3UZFE	EFI	09.03-14.01		16100-59276
URS206	4600	1URFSE	D4	09.03-14.01		16100-39506
LS100	D2200	L		77.10-79.08	GWT-42A	16100-59127
LS110/117	D2200	L		79.09-83.07	GWT-42A	16100-59127

CURREN

ST208	1800	4SFE	EFI	95.09-98.07	GWT-77A*	16100-79186
ST208	1800	4SFE	EFI	95.09-98.07	GWT-77A	16110-79026
ST206	2000	3SFE	EFI	94.02-98.07	GWT-77A*	16100-79186
ST206	2000	3SFE	EFI	94.02-98.07	GWT-77A	16110-79026

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CURREN

ST206	2000	3SGE	EFI	94.02-98.07		16100-79226
ST206	2000	3SGE	EFI	94.02-98.07	GWT-122A	16110-79135
ST207	2000	3SFE	EFI	94.02-97.12	GWT-77A*	16100-79186
ST207	2000	3SFE	EFI	94.02-97.12	GWT-77A	16110-79026

CYNOS

EL52	1300	4EFE	EFI	95.08-99.07	GWT-117AH	16100-19226
EL52	1300	4EFE	EFI	95.08-99.07	GWT-93A	16110-19106
EL52	1300	4EFE	EFI	95.08-99.07	GWT-117A	16110-19107
EL52C	1300	4EFE	EFI	96.10-99.07	GWT-117AH	16100-19226
EL52C	1300	4EFE	EFI	96.10-99.07	GWT-93A	16110-19106
EL52C	1300	4EFE	EFI	96.10-99.07	GWT-117A	16110-19107
EL44	1500	5EFE	EFI	91.01-95.08	GWT-117AH	16100-19226
EL44	1500	5EFE	EFI	91.01-95.08	GWT-93A	16110-19106
EL44	1500	5EFHE	EFI	91.01-95.08	GWT-117AH	16100-19226
EL44	1500	5EFHE	EFI	91.01-95.08	GWT-93A	16110-19106
EL54	1500	5EFHE	EFI	95.08-99.07	GWT-117AH	16100-19226
EL54	1500	5EFHE	EFI	95.08-99.07	GWT-93A	16110-19106
EL54	1500	5EFHE	EFI	95.08-99.07	GWT-117A	16110-19107
EL54C	1500	5EFHE	EFI	96.10-99.07	GWT-117AH	16100-19226
EL54C	1500	5EFHE	EFI	96.10-99.07	GWT-93A	16110-19106
EL54C	1500	5EFHE	EFI	96.10-99.07	GWT-117A	16110-19107

DUET

M100A/110A	1000	EJVE	EFI	00.05-04.05	GWT-134AH	16100-97205
M100A/110A	1000	EJVE	EFI	00.05-04.05	GWD-52A*	16102-B2010
M100A/110A	1000	EJDE	EFI	98.09-00.05	GWT-134AH	16100-97205
M100A/110A	1000	EJDE	EFI	98.09-00.05	GWD-52A*	16102-B2010
M101A/111A	1300	K3VE	EFI	00.05-04.05	GWT-100A	16100-B9010

DYNA/COASTER

YY50	1600	1Y	GAS	85.08-87.08	GWT-114A	16100-79037
YY51	1800	2Y	GAS	87.08-93.09	GWT-114A	16100-79037
LY161	2000	3YP	LPG	98.05-99.05	GWT-114A	16100-79037
LY162/211	2000	3YP	LPG	99.05-01.07	GWT-114A	16100-79037
RU10/12/15/18	2000	5R		69.02-70.10	GWT-36A	16100-49105
RU10/12/15/18/19	2000	5R		70.10-75.04	GWT-14A	16100-49155
RU10/12/15/19	2000	5R		75.04-77.07	GWT-24A	16100-49415
RU20/22/39/32	2000	5R		77.08-84.08	GWT-24A	16100-49415
RZY220/230	2000	1RZE	EFI	01.07-07.08	GWT-138A	16100-79455
TRY220/230	2000	1TRFE	EFI	03.05-14.01	GWT-131A	16100-79445
TRY231/281	2000	1TRFPE	LPG	07.12-14.01	GWT-131A	16100-79445
YU60	2000	3YP	LPG	84.09-93.10	GWT-114A	16100-79037
YU60	2000	3Y	GAS	84.09-95.05	GWT-114A	16100-79037
YU61D	2000	3Y	GAS	86.01-93.09	GWT-114A	16100-79037
YU70V	2000	3Y	GAS	84.09-93.09	GWT-114A	16100-79037
YU80	2000	3YP	LPG	84.09-87.08	GWT-114A	16100-79037
YY101/121/131	2000	3Y	GAS	96.10-01.07	GWT-114A	16100-79037
YY201/211	2000	3Y	GAS	95.05-01.07	GWT-114A	16100-79037
YY52/61	2000	3Y	GAS	85.08-95.05	GWT-114A	16100-79037
YY61	2000	3YP	LPG	85.08-95.05	GWT-114A	16100-79037
RB11/12	2200	20R		78.02-80.08	GWT-41A	16100-39315
LY50	2400	2L	DIE	88.08-95.05	GWT-79A	16100-59257
LY50/60	2400	2L	DIE	85.08-88.08	GWT-61A	16100-59139
KDY220/230/240V/270/280/290V	2500	2KDFTV	DTB	04.08-07.09	GWT-116AH	16100-69356
KDY220/230/240V/270/280/290V	2500	2KDFTV	DTB	04.08-07.09	GWT-116A	16110-69045
KDY220/230/240V/270/280/290V	2500	2KDFTV	DTB	04.08-07.09	GWT-150A	16100-39485
BU68DH	2700	27LPG	LPG	93.11-95.05	GWT-131A	16100-79445
LY230/280	2700	3RZFPE	LPG	01.07-04.08	GWT-131A	16100-79445
LY230/280	2700	3RZFPE	LPG	01.07-04.08	GWT-153F	16210-75060
RZU100/100A	2700	3RZFE	EFI	95.05-00.07	GWT-131A	16100-79445
RZU100A/100H	2700	3RZFP	LPG	95.05-00.07	GWT-131A	16100-79445

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DYNA/COASTER

RZU140	2700	3RZFE	EFI	97.08-00.07	GWT-131A	16100-79445
RZU300	2700	3RZFPE	LPG	00.05-07.05	GWT-131A	16100-79445
RZU300/340	2700	3RZFE	EFI	00.05-07.05	GWT-131A	16100-79445
RZU301	2700	3RZFPE	LPG	03.06-07.05	GWT-131A	16100-79445
RZY231H/281H	2700	3RZFPE	LPG	03.05-07.12	GWT-131A	16100-79445
RZU100/100A	2700	3RZFE	EFI	95.05-00.07	GWT-153F	16210-75060
RZU100A/100H	2700	3RZFP	LPG	95.05-00.07	GWT-153F	16210-75060
RZU140	2700	3RZFE	EFI	97.08-00.07	GWT-153F	16210-75060
RZU300	2700	3RZFPE	LPG	00.05-07.05	GWT-153F	16210-75060
RZU300/340	2700	3RZFE	EFI	00.05-07.05	GWT-153F	16210-75060
RZU301	2700	3RZFPE	LPG	03.06-07.05	GWT-153F	16210-75060
RZY231H/281H	2700	3RZFPE	LPG	03.05-07.12	GWT-153F	16210-75060
TRC600/600A.TRU600	2700	2TRFE	EFI	11.07-14.01	GWT-131A	16100-79445
TRU300/300A/340/500	2700	2TRFE	EFI	07.05-14.01	GWT-131A	16100-79445
TRC600/600A.TRU600	2700	2TRFE	EFI	11.07-14.01	GWT-153F	16210-75111
TRU300/300A/340/500	2700	2TRFE	EFI	07.05-14.01	GWT-153F	16210-75111
LY101/111/121/131/151/161	2800	3L	DIE	96.10-99.05	GWT-79A	16100-59257
LY201/211	2800	3L	DIE	95.05-99.05	GWT-79A	16100-59257
LY51/61	2800	3L	DIE	88.08-95.05	GWT-79A	16100-59257
BU60/70V/70VH/80	3000	B	DIE	84.09-88.08	GWT-109A	16100-59076
BU60/70V/70VH/83	3000	B	DIE	88.08-95.05		16100-59265
BU60VH	3000	B	DIE	86.01-95.05	GWD-13A	16100-59145
BU60VH	3000	B	DIE	86.01-95.05	GWT-110A	16100-59166
BU61/81	3000	11B	DIE	85.01-88.08	GWD-13A	16100-59145
BU61/84	3000	11B	DIE	88.08-95.05	GWT-110A	16100-59166
KDY221/231/241V/271/281	3000	1KDFTV	DTB	07.09-14.01	GWT-116AH	16100-69356
KDY221/231/241V/271/281	3000	1KDFTV	DTB	07.09-14.01	GWT-150A	16100-39485
KDY221/231/241V/271/281	3000	1KDFTV	DTB	07.09-14.01	GWT-116A	16110-69045
LY102/112/122/132/152	3000	5L	DIE	99.05-01.07	GWT-79A	16100-59257
LY162/202/212	3000	5L	DIE	99.05-01.07	GWT-79A	16100-59257
LY220/230/240V/270/280/290V	3000	5L	DIE	01.07-04.08	GWT-79A	16100-59257
BU100	3400	3B	DIE	95.05-99.06	GWT-110A	16100-59166
BU100A/120V/140	3400	3B	DIE	95.05-99.05	GWT-110A	16100-59166
BU105/145	3400	3B	DIE	97.08-99.05	GWT-110A	16100-59166
BU62/62D/62H/64/64D	3400	13B	DIE	84.09-88.08	GWD-13A	16100-59145
BU68DH	3400	3B	DIE	89.10-95.05		16100-59265
BU77	3400	13B	DIE	85.10-87.08	GWD-13A	16100-59145
BU82/85/85V	3400	13B	DIE	84.09-88.08	GWD-13A	16100-59145
BU85/95	3400	13BT	DTB	84.09-89.10	GWD-13A	16100-59145
BU90	3400	13BT	DTB	84.09-95.05	GWD-13A	16100-59145
BU93	3400	13B	DIE	86.03-88.08	GWD-13A	16100-59145
BU98	3400	13B	DIE	85.10-88.08	GWD-13A	16100-59145
BU301	3700	4B	DIE	99.07-04.06		16100-59285
BU301A	3700	4B	DIE	99.07-02.06		16100-59285
BU306/306V/346	3700	4B	DIE	99.05-04.06		16100-59285
BU66/66D/66H/67/67D	3700	14B	DIE	88.08-95.05	GWT-110A	16100-59166
BU66DH	3700	14B	DIE	90.08-95.05	GWT-110A	16100-59166
BU72/72D/72DH/74/78	3700	14B	DIE	89.10-95.05	GWT-110A	16100-59166
BU72H	3700	14B	DIE	89.10-92.10	GWT-110A	16100-59166
BU73	3700	14B	DIE	90.05-95.05	GWT-110A	16100-59166
BU87/87V/88/91/94/96	3700	14B	DIE	88.08-95.05	GWT-110A	16100-59166
BU88/91	3700	14BT	DTB	89.10-95.05	GWT-110A	16100-59166
BU94	3700	14B	DTB	90.08-95.05	GWT-110A	16100-59166
BU94	3700	14BT	DTB	90.08-95.05	GWT-110A	16100-59166
BU96	3700	14BT	DTB	89.10-95.05	GWT-110A	16100-59166
WU75D/90/95	4000	1W	DIE	84.09-95.05		16100-E0151
WU85	4000	1W	DIE	89.10-95.05		16100-E0151
WU93	4000	1W	DIE	91.09-95.05		16100-E0151
XKC605/645/655	4000	N04CUL	DIE	11.07-14.01		16100-E0780
XKC605/645/655	4000	N04CUL	DIE	11.07-14.01		G9040-37030
XKU600A/600/605/640/645	4000	N04CUL	DIE	11.07-14.01		16100-E0780
XKU600A/600/605/640/645	4000	N04CUL	DIE	11.07-14.01		G9040-37030

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DYNA/COASTER

XKU650/655/700/710/720	4000	N04CUL	DIE	11.07-14.01		16100-E0780
XKU650/655/700/710/720	4000	N04CUL	DIE	11.07-14.01		G9040-37030
XZC600/605/605V,XZU605	4000	N04CUM	DIE	11.07-14.01		16100-E0780
XZC600/605/605V/610D/630D	4000	N04CUN	DIE	11.07-14.01		16100-E0780
XZC645/655/675D/675/710	4000	N04CUN	DIE	11.07-14.01		16100-E0780
XZU600A/600D/600H/600/605	4000	N04CUN	DIE	11.07-14.01		16100-E0780
XZU600A/600H/600W/605	4000	N04CUP	DIE	11.07-14.01		16100-E0780
XZU610D/620D/630D/640/645	4000	N04CUN	DIE	11.07-14.01		16100-E0780
XZU610D/620D/640/640W/650	4000	N04CUP	DIE	11.07-14.01		16100-E0780
XZU650/655/675D/675/685	4000	N04CUN	DIE	11.07-14.01		16100-E0780
XZU650W/655/675D/675/685	4000	N04CUP	DIE	11.07-14.01		16100-E0780
XZU695/700/710/720	4000	N04CUN	DIE	11.07-14.01		16100-E0780
XZU695/700/710/720	4000	N04CUP	DIE	11.07-14.01		16100-E0780
XZU700A/700/710/720/730	4000	N04CUQ	DIE	11.07-14.01		16100-E0780
XZU775	4000	N04CUP	DIE	11.07-14.01		16100-E0780
BU102/142/162	4100	15BF	DIE	95.05-99.06	GWT-110A	16100-59166
BU102A/102D/102H/112/212	4100	15BF	DIE	95.05-99.05	GWT-110A	16100-59166
BU102A/102H	4100	15BFP	LPG	97.08-99.05	GWT-110A	16100-59166
BU107/112A/137/147	4100	15BF	DIE	96.10-99.05	GWT-110A	16100-59166
BU112D/132/222	4100	15BF	DIE	95.05-99.05	GWT-110A	16100-59166
BU122V	4100	15BF	DIE	95.05-97.08	GWT-110A	16100-59166
BU142	4100	15BFP	LPG	96.05-99.05	GWT-110A	16100-59166
BU162A/162D/172/182/202	4100	15BF	DIE	95.05-99.05	GWT-110A	16100-59166
BU212/222	4100	15BFT	DTB	95.05-99.05	GWT-110A	16100-59166
BU212K	4100	15BF	DIE	97.08-99.06	GWT-110A	16100-59166
BU297	4100	15BFT	DTB	97.01-99.05	GWT-112A	16100-59187
BU400	4100	15BFTE	DTB	99.08-02.06		16100-59295
BU410/420/430	4100	15BFTE	DTB	99.08-04.06		16100-59295
BZU300/300A/340	4100	1BZFPE	LPG	03.06-14.01	GWT-110A	16100-59166
BZU300/300A/340/410	4100	1BZFNE	CNG	03.06-07.05	GWT-110A	16100-59166
BZU410	4100	1BZFPE	LPG	03.06-07.05	GWT-110A	16100-59166
BZU600/600A	4100	1BZFPE	LPG	11.07-14.01	GWT-110A	16100-59166
FB4JEAT	4100	15B	DIE	97.11-99.05	GWT-110A	16100-59166
FB4JEAT	4100	15B	LPG	97.11-99.05	GWT-110A	16100-59166
FB5BCAT/BEAT/BEAV	4100	15B	DIE	95.05-99.05	GWT-110A	16100-59166
FB5BGAT/BGAV	4100	15B	DIE	95.05-99.05	GWT-110A	16100-59166
RZU100A/100H	4100	15BFP	LPG	99.05-00.07	GWT-110A	16100-59166
XKU304A/308H/308/338	4100	N04CTN	DIE	06.10-14.01		16100-78112
XKU304H/344/414/424	4100	N04C	DIE	03.10-06.10		16100-78112
XKU344/348/414	4100	N04CTN	DIE	06.10-14.01		16100-78112
XKU414/424	4100	N04CTN	DIE	06.10-14.01		G9020-47022
XKU424/508H/508	4100	N04CTN	DIE	06.10-14.01		16100-78112
XZU301A/301H/341	4100	15BLPG	LPG	00.05-04.06	GWT-110A	16100-59166
XZU301A/302	4100	15BCNG	CNG	00.10-04.06	GWT-110A	16100-59166
XZU302/342	4100	15BLPG	LPG	01.08-04.06	GWT-110A	16100-59166
XZU304A/304D/304H/304	4100	N04CTJ	DTB	06.10-14.01		16100-78112
XZU304A/304H/304/305A	4100	N04C	DIE	03.10-07.05		16100-78112
XZU304A/308/348/414	4100	N04CTM	DTB	07.05-14.01		16100-78112
XZU304H/304/308/314D/334	4100	N04CTK	DTB	06.10-14.04		16100-78112
XZU308/308V/314D/334/338	4100	N04C	DIE	04.06-07.05		16100-78112
XZU308/314D/324D/334	4100	N04CTJ	DTB	06.10-14.01		16100-78112
XZU308/338/348/504/508	4100	N04CTH	DTB	06.10-14.01		16100-78112
XZU338/344/348/354D/368D	4100	N04CTJ	DTB	06.10-14.01		16100-78112
XZU342	4100	15BCNG	CNG	01.08-04.06	GWT-110A	16100-59166
XZU344/348/354D/354H/414	4100	N04C	DIE	03.10-07.05		16100-78112
XZU348/354D/354H/368D/368	4100	N04CTK	DTB	06.10-14.01		16100-78112
XZU368/378/388/404/414/424	4100	N04CTJ	DTB	06.10-14.01		16100-78112
XZU368D/368/378/388	4100	N04C	DIE	04.06-07.05		16100-78112
XZU378/388/404A/404/414	4100	N04CTK	DTB	06.10-14.01		16100-78112
XZU404A/404/424	4100	N04C	DIE	04.06-06.10		16100-78112
XZU412	4100	15BCNG	CNG	00.11-03.06	GWT-110A	16100-59166
XZU412	4100	15BLPG	LPG	02.06-03.06	GWT-110A	16100-59166

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DYNA/COASTER

XZU414/424/434	4100	N04CTL	DTB	06.10-14.01		16100-78112
XZU414/424/454/508/524D	4100	N04CUE	DTB	08.01-14.01		16100-78112
XZU415	4100	N04C	DIE	03.10-06.10		16100-78112
XZU424/488	4100	N04CTK	DTB	06.10-14.01		16100-78112
XZU454/504/508/508V/524D	4100	N04CTJ	DTB	06.10-08.01		16100-78112
XZU504/508/538	4100	N04CUD	DTB	08.01-14.01		16100-78112
XZU508V/538	4100	N04CTH	DTB	06.10-14.01		16100-78112
XZU538/548/554D	4100	N04CUE	DTB	08.01-14.01		16100-78112
XZU538/548/554D/568D/568	4100	N04CTJ	DTB	06.10-14.01		16100-78112
XZU302	4600	S05C	DIE	99.07-04.06		16100-78030
XZU302	4600	S05C	DIE	99.07-04.06		16100-78051
XZU302A/302D/302H/307	4600	S05C	DIE	99.05-04.06		16100-78030
XZU302A/302D/302H/307	4600	S05C	DIE	99.05-04.06		16100-78051
XZU307V	4600	S05C	DIE	99.08-04.06		16100-78030
XZU307V	4600	S05C	DIE	99.08-04.06		16100-78051
XZU312D/322D/322/337	4600	S05C	DIE	99.05-04.06		16100-78030
XZU312D/322D/322/337	4600	S05C	DIE	99.05-04.06		16100-78051
XZU342	4600	S05C	DIE	00.05-04.06		16100-78030
XZU342	4600	S05C	DIE	00.05-04.06		16100-78051
XZU347/352D/402/412	4600	S05C	DIE	99.05-04.06		16100-78030
XZU347/352D/402/412	4600	S05C	DIE	99.05-04.06		16100-78051
XZU362A/362D/362/372/382	4600	S05C	DIE	99.07-04.06		16100-78042
XZU413/423/433	4700	J05D	DIE	04.06-06.10		16100-78090
XZU301	4900	S05D	DIE	00.05-04.06		16100-78030
XZU301	4900	S05D	DIE	00.05-07.05		16100-78051
XZU301A/301D/301H	4900	S05D	DIE	99.05-04.06		16100-78030
XZU301A/301D/301H/306/331	4900	S05D	DIE	99.05-07.05		16100-78051
XZU306/311D	4900	S05D	DIE	99.05-04.06		16100-78030
XZU306V/336	4900	S05D	DIE	04.06-07.05		16100-78051
XZU311A/321A	4900	S05D	DIE	99.05-02.06		16100-78030
XZU311A/321A	4900	S05D	DIE	99.05-02.06		16100-78051
XZU311D	4900	S05D	DIE	99.05-07.05		16100-78051
XZU321A/321D/331/341/346	4900	S05D	DIE	99.05-02.06		16100-78030

ESTIMA

CXR10G/11G/20G/21G	2200	3CT	DTB	92.01-93.08		16100-69315
CXR10G/11G/20G/21G	2200	3CTE	DTB	93.08-99.12		16100-69365
ACR30W/40W	2400	2AZFE	EFI	00.02-06.01	GWT-119A	16100-28041
ACR50W/55W	2400	2AZFE	EFI	06.01-14.01		16100-0H050
ACR50W/55W	2400	2AZFE	EFI	06.01-14.01	GWT-119A	16100-28041
AHR10W	2400	2AZFXE	EFI	01.05-06.01		16100-28051
AHR20W	2400	2AZFXE	EFI	06.01-14.01	GWT-119A	16100-28041
AHR20W	2400	2AZFXE	EFI	06.01-14.01		87200-28140
AHR20W	2400	2AZFXE	EFI	06.01-14.01		G9040-28010
TCR10G/11G/20G/21G	2400	2TZFE	EFI	92.01-99.12	GWT-87A*	16100-79165
TCR10W/20W	2400	2TZFE	EFI	93.02-98.01	GWT-87A*	16100-79165
TCR10W/20W	2400	2TZFZE	SPC	96.08-99.12	GWT-87A*	16100-79165
TCR11W/21W	2400	2TZFE	EFI	90.05-94.08	GWT-87A*	16100-79165
TCR11W/21W	2400	2TZFZE	SPC	94.08-99.12	GWT-87A*	16100-79165
MCR30W/40W	3000	1MZFE	EFI	99.12-06.01	GWT-92A	16100-29085
GSR50W/55W	3500	2GRFE	EFI	06.01-14.01		16100-39456

FJ CURISER

GSJ15W	4000	1GRFE	EFI	10.11-14.01		16100-39545
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FUNCARGO

NCP20	1300	2NZFE	EFI	99.08-05.09	GWT-101A	16100-29156
NCP21/25	1500	1NZFE	EFI	99.08-05.09	GWT-101A	16100-29156

GAIA

ACM10G	2000	1AZFSE	D4	01.04-04.09	GWT-119A	16100-28041
ACM15G	2000	1AZFSE	D4	02.08-04.09	GWT-119A	16100-28041

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GAIA

SXM10G/15G	2000	3SFE	EFI	98.05-01.04	GWT-77A*	16100-79186
SXM10G/15G	2000	3SFE	EFI	98.05-01.04	GWT-77A	16110-79026
CXM10G	2200	3CTE	DTB	98.05-04.09	GWT-94A	16100-64H06
CXM10G	2200	3CTE	DTB	98.05-04.09	GWT-94A	16100-69435

GRAND HIACE

KCH10W/16W	3000	1KZTE	DTB	99.07-02.05	GWT-116AH	16100-69356
KCH10W/16W	3000	1KZTE	DTB	99.07-02.05	GWT-116A	16110-69045
KCH10W/16W	3000	1KZTE	DTB	99.07-02.05	GWT-150A	16100-39485
VCH10W/16W	3400	5VZFE	EFI	99.07-02.05	GWT-103A	16100-69535
VCH22K/28K	3400	5VZFE	EFI	99.07-05.01	GWT-103A	16100-69535

GRANVIA

RCH11W	2700	3RZFE	EFI	95.08-98.04	GWT-131A	16100-79445
KCH10W	3000	1KZTE	DTB	95.08-02.05	GWT-116AH	16100-69356
KCH10W	3000	1KZTE	DTB	95.08-02.05	GWT-150A	16100-39485
KCH12K	3000	1KZTE	DTB	95.08-97.08	GWT-116AH	16100-69356
KCH12K	3000	1KZTE	DTB	95.08-97.08	GWT-116A	16110-69045
KCH16W	3000	1KZTE	DTB	95.09-02.05	GWT-116AH	16100-69356
KCH16W	3000	1KZTE	DTB	95.09-02.05	GWT-116A	16110-69045
KCH12K	3000	1KZTE	DTB	95.08-97.08	GWT-150A	16100-39485
KCH16W	3000	1KZTE	DTB	95.09-02.05	GWT-150A	16100-39485
VCH10W/16W	3400	5VZFE	EFI	97.08-02.05	GWT-103A	16100-69535
VCH22K/28K	3400	5VZFE	EFI	99.07-05.01	GWT-103A	16100-69535

HARRIER

ZSU60W/65W	2000	3ZRFAE	EFI	13.01-14.01		16100-39565
SXU10W/15W	2200	5SFE	EFI	97.12-00.11	GWT-77A*	16100-79186
SXU10W/15W	2200	5SFE	EFI	97.12-00.11	GWT-77A	16110-79026
ACU10W/15W	2400	2AZFE	EFI	00.11-03.02	GWT-119A	16100-28041
ACU30W/35W	2400	2AZFE	EFI	03.02-14.01	GWT-119A	16100-28041
MCU10W	3000	1MZFE	EFI	97.12-03.02	GWT-92A	16100-29085
MCU15W	3000	1MZFE	EFI	98.01-03.02	GWT-92A	16100-29085
MCU30W/31W/35W/36W	3000	1MZFE	EFI	03.02-06.01	GWT-92A	16100-29085
MHU38W	3300	3MZFE	EFI	05.03-14.01	GWT-92A	16100-29085
MHU38W	3300	3MZFE	EFI	05.03-14.01		G9020-48052
GSU30W/31W/35W/36W	3500	2GRFE	EFI	06.01-14.01		16100-39456

HIACE

PH10	1350	3P		67.09-75.11		16120-23010
RH10/15	1500	2R		67.09-70.09	GWT-25A	16100-39035
RH10/15	1500	2R		70.09-71.01	GWT-05A	16100-39115
RH11	1600	12R		75.11-79.12	GWT-12A	16100-39116
RH11/16	1600	12R		71.02-75.11	GWT-05A	16100-39115
RH13/16	1600	12R		75.11-77.01	GWT-12A	16100-39116
RH20/30/40	1600	12R		77.02-79.12	GWT-12A	16100-39116
RH24	1600	12R		79.12-85.07		16100-39285
RH34	1600	12R		79.12-82.11		16100-39285
YH80	1600	1YJ	GAS	85.08-87.08	GWT-114A	16100-79037
HR21	1800	16R		77.02-79.12	GWT-27A	16120-34100
HR21/31/41	1800	16R		77.02-79.12	GWT-27AFH	16100-39236
RH12/14/17	1800	16R		75.11-77.01	GWT-26AF*	16100-39245
RH17	1800	16R		75.11-77.01	GWT-44A	16120-34110
YH50V	1800	2Y	GAS	82.12-89.08	GWT-114A	16100-79037
YH50V/61V	1800	3YP	LPG	83.11-87.08	GWT-114A	16100-79037
YH81	1800	2Y	GAS	87.08-95.05	GWT-114A	16100-79037
RH22	2000	18R		77.04-79.03	GWT-27AFH	16100-39236
RH22	2000	18R		77.04-79.03	GWT-27A	16120-34100
RH23/33	2000	21R		79.03-82.11	GWT-41A	16100-39316
RH35/45	2000	18R		79.12-82.11	GWT-27AFH	16100-39295
RH42	2000	18R		77.02-79.12	GWT-27AFH	16100-39236
RH42	2000	18R		77.02-79.12	GWT-27A	16120-34100

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HIACE

RH45	2000	18R		79.12-82.11	GWT-27A	16120-34100
RZH100G	2000	1RZE	EFI	89.08-95.08	GWT-138A	16100-79455
RZH102V/112K/112V/122V/124B	2000	1RZ	GAS	89.08-93.08	GWT-138A	16100-79455
RZH102V/112K/112V/122V/124B	2000	1RZE	EFI	93.08-03.08	GWT-138A	16100-79455
RZH110G	2000	1RZE	EFI	89.08-93.08	GWT-138A	16100-79455
RZH182K	2000	1RZE	EFI	00.12-03.08	GWT-138A	16100-79455
TRH102V/112K/112V	2000	1TRFE	EFI	03.08-04.08	GWT-131A	16100-79445
TRH122K/124B	2000	1TRFE	EFI	03.08-05.01	GWT-131A	16100-79445
TRH200K/200V	2000	1TRFE	EFI	04.08-14.01	GWT-131A	16100-79445
YH51G/61G	2000	3YU	GAS	82.12-89.08	GWT-114A	16100-79037
YH51V	2000	3Y	GAS	85.08-89.08	GWT-114A	16100-79037
YH52V/62V	2000	3YJ	GAS	84.01-89.08	GWT-114A	16100-79037
YH57G	2000	3YU	GAS	87.08-89.08	GWT-114A	16100-79037
YH61V/71V	2000	3Y	GAS	82.12-89.08	GWT-114A	16100-79037
YH61VH	2000	3Y	GAS	84.01-89.08	GWT-114A	16100-79037
YH71B	2000	3YJ	GAS	82.12-89.08	GWT-114A	16100-79037
YY101	2000	3Y	GAS	95.05-96.10	GWT-114A	16100-79037
LH24	2200	L		79.12-82.11	GWT-42A	16100-59127
LH50G/60B/60G/60V/70B/70V	2200	L	DIE	82.12-84.01	GWT-61A	16100-59139
LH50V	2200	L	DIE	82.12-85.08	GWT-61A	16100-59139
LH100G	2400	2LT	DTB	89.08-90.10	GWT-79A	16100-59257
LH100G/102V/110G	2400	2L	DIE	89.08-93.08	GWT-79A	16100-59257
LH100G/120G	2400	2LTE	DTB	90.10-93.08	GWT-79A	16100-59257
LH140G	2400	2L	DIE	90.10-93.08	GWT-79A	16100-59257
LH51G	2400	2LT	DTB	85.08-89.08	GWT-61A	16100-59139
LH51G/51V/61B/61G/61V/61VH	2400	2L	DIE	84.01-89.08	GWT-61A	16100-59139
LH51V/71B/71V	2400	2L	DIE	84.01-89.08	GWT-61A	16100-59139
LH56V/66V	2400	2L	DIE	86.08-89.08	GWT-61A	16100-59139
LH71G	2400	2L	DIE	87.08-89.08	GWT-61A	16100-59139
LH80/80VH	2400	2L	DIE	85.08-88.08	GWT-61A	16100-59139
LH80/80VH	2400	2L	DIE	88.08-95.05	GWT-79A	16100-59257
LH85	2400	2L	DIE	87.10-89.10	GWT-61A	16100-59139
LH85	2400	2L	DIE	89.10-95.05	GWT-79A	16100-59257
LH90/95	2400	2L	DIE	91.09-95.05	GWT-79A	16100-59257
RZH101G	2400	2RZE	EFI	89.08-02.08	GWT-138A	16100-79455
RZH111G	2400	2RZE	EFI	95.08-02.08	GWT-138A	16100-79455
RZH125B	2400	2RZE	EFI	98.08-03.08	GWT-138A	16100-79455
RZH133S/133V	2400	2RZE	EFI	95.08-99.07	GWT-138A	16100-79455
RZH183K	2400	2RZE	EFI	00.12-03.08	GWT-138A	16100-79455
KDH200K/200V/205K/205V	2500	2KDFTV	DTB	04.08-07.09	GWT-145A	16100-39425
KDH220K/222B/225K/227B	2500	2KDFTV	DTB	05.01-07.09	GWT-145A	16100-39425
TRH211K/216K	2700	2TRFE	EFI	07.09-14.01	GWT-131A	16100-79445
TRH214W/219W	2700	2TRFE	EFI	04.08-14.01	GWT-131A	16100-79445
TRH221K/223B/224W/226K	2700	2TRFE	EFI	05.01-14.01	GWT-131A	16100-79445
TRH228B/229W	2700	2TRFE	EFI	05.01-14.01	GWT-131A	16100-79445
LH103V	2800	3L	DIE	93.08-98.08	GWT-79A	16100-59257
LH107G	2800	3L	DIE	89.08-93.08	GWT-79A	16100-59257
LH107W	2800	3L	DIE	90.10-93.08	GWT-79A	16100-59257
LH109V/113K/113V/115B	2800	3L	DIE	89.08-98.08	GWT-79A	16100-59257
LH117G	2800	3L	DIE	90.10-93.08	GWT-79A	16100-59257
LH119V/123V/125B	2800	3L	DIE	89.08-98.08	GWT-79A	16100-59257
LH129V	2800	3L	DIE	90.10-98.08	GWT-79A	16100-59257
LY101/111/121/131/151/161	2800	3L	DIE	95.05-96.10	GWT-79A	16100-59257
KDH201K/201V/206K/206V	3000	1KDFTV	DTB	07.09-14.01	GWT-145A	16100-39425
KDH211K/221K/223B	3000	1KDFTV	DTB	07.09-14.01	GWT-145A	16100-39425
KZH100G/106G/106W/110G	3000	1KZTE	DTB	93.08-04.08	GWT-116AH	16100-69356
KZH100G/106G/106W/110G	3000	1KZTE	DTB	93.08-04.08	GWT-150A	16100-39485
KZH100G/106G/106W/110G	3000	1KZTE	DTB	93.08-04.08	GWT-116A	16110-69045
KZH116G/120G	3000	1KZTE	DTB	93.08-04.08	GWT-116AH	16100-69356
KZH116G/120G	3000	1KZTE	DTB	93.08-04.08	GWT-150A	16100-39485
KZH116G/120G	3000	1KZTE	DTB	93.08-04.08	GWT-116A	16110-69045
KZH126G	3000	1KZTE	DTB	93.08-99.07	GWT-116AH	16100-69356

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HIACE

KZH126G	3000	1KZTE	DTB	93.08-99.07	GWT-150A	16100-39485
KZH126G	3000	1KZTE	DTB	93.08-99.07	GWT-116A	16110-69045
KZH132V/138V	3000	1KZTE	DTB	95.08-04.08	GWT-116AH	16100-69356
KZH132V/138V	3000	1KZTE	DTB	95.08-04.08	GWT-150A	16100-39485
KZH132V/138V	3000	1KZTE	DTB	95.08-04.08	GWT-116A	16110-69045
LH162V/168V/172K/172V/178V	3000	5L	DIE	98.08-04.08	GWT-79A	16100-59257
LH182K/184B/186B/188K	3000	5L	DIE	98.08-04.08	GWT-79A	16100-59257
LH20/30/40	D2200	L		79.07-82.11	GWT-42A	16100-59127

HILUX

RN10/15	1500	2R		68.03-70.10	GWT-25A	16100-39035
RN10/15	1500	2R		70.10-71.01	GWT-05A	16100-39115
RN13/16	1600	12R		71.02-72.04	GWT-05A	16100-39115
RN20/25	1600	12R		72.05-75.11	GWT-05A	16100-39115
RN20/25	1600	12R		75.11-78.07	GWT-12A	16100-39116
RN30/40	1600	12RJ	GAS	78.08-79.12	GWT-12A	16100-39116
RN33/43	1600	12RJ	GAS	79.12-81.10		16100-39285
YN51	1800	2YJ	GAS	84.11-88.08	GWT-114A	16100-79037
YN56	1800	2YJ	GAS	83.11-88.08	GWT-114A	16100-79037
YN56	1800	3YP	LPG	83.11-88.08	GWT-114A	16100-79037
YN80/85	1800	2Y	GAS	88.09-94.08	GWT-114A	16100-79037
RN36	2000	18RJ	GAS	79.10-81.10	GWT-27AFH	16100-39237
RZN147	2000	1RZE	EFI	97.08-03.08	GWT-138A	16100-79455
RZN152H	2000	1RZE	EFI	99.08-03.08	GWT-138A	16100-79455
RZN167	2000	1RZE	EFI	97.08-99.08	GWT-138A	16100-79455
YN100	2000	3Y	GAS	88.09-94.08	GWT-114A	16100-79037
YN105	2000	3Y	GAS	88.09-91.08	GWT-114A	16100-79037
YN107	2000	3Y	GAS	91.08-94.08	GWT-114A	16100-79037
YN107/81/86	2000	3YE	EFI	94.08-97.08	GWT-114A	16100-79037
YN130G	2000	3YE	EFI	89.04-91.08	GWT-114A	16100-79037
YN60/65	2000	3YJ	GAS	83.11-88.08	GWT-114A	16100-79037
YN60V	2000	3YJ	GAS	84.05-85.08	GWT-114A	16100-79037
YN61G	2000	3YEU	EFI	86.08-89.03	GWT-114A	16100-79037
YN61V	2000	3YJ	GAS	85.08-89.03	GWT-114A	16100-79037
LN30	2200	L	DIE	79.12-83.10	GWT-42A	16100-59128
LN40	2200	L	DIE	79.12-85.08	GWT-42A	16100-59128
LN50	2200	L	DIE	84.11-85.08		16100-59129
LN55	2200	L	DIE	83.11-85.08		16100-59129
LN108/112	2400	2LTE	DTB	95.08-97.08	GWT-79A	16100-59257
LN130G	2400	2LT	DTB	89.04-90.08	GWT-79A	16100-59257
LN130G	2400	2LTE	DTB	90.08-93.08	GWT-79A	16100-59257
LN130W	2400	2LTE	DTB	91.08-93.08	GWT-79A	16100-59257
LN165/165H	2400	2LTE	DTB	97.08-99.08	GWT-79A	16100-59257
LN170H	2400	2LTE	DTB	97.11-99.08	GWT-79A	16100-59257
LN51	2400	2L	DIE	85.08-88.08	GWT-61A	16100-59139
LN56/60/65	2400	2L	DIE	83.11-88.08	GWT-61A	16100-59139
LN60V	2400	2L	DIE	84.05-85.08	GWT-61A	16100-59139
LN60V	2400	2LT	DTB	84.11-85.08	GWT-61A	16100-59139
LN61V	2400	2L	DIE	85.08-89.03	GWT-61A	16100-59139
LN61V	2400	2LT	DTB	85.08-89.03	GWT-61A	16100-59139
LN80/85	2400	2L	DIE	88.09-94.08	GWT-79A	16100-59257
RZN169H/174H	2700	3RZFE	EFI	99.08-03.08	GWT-131A	16100-79445
RZN169H/174H	2700	3RZFE	EFI	99.08-03.08	GWT-153F	16210-75060
RZN180W	2700	3RZFE	EFI	98.07-02.11	GWT-131A	16100-79445
RZN185W	2700	3RZFE	EFI	95.11-02.11	GWT-131A	16100-79445
RZN210W/215W	2700	3RZFE	EFI	02.11-04.08	GWT-131A	16100-79445
RZN210W/215W	2700	3RZFE	EFI	02.11-04.08	GWT-153F	16210-75060
TRN210W/215W	2700	2TRFE	EFI	04.08-14.01	GWT-131A	16100-79445
TRN210W/215W	2700	2TRFE	EFI	04.08-14.01	GWT-153F	16210-75060
LN100	2800	3L	DIE	88.09-94.08	GWT-79A	16100-59257
LN106	2800	3L	DIE	88.09-97.08	GWT-79A	16100-59257
LN107	2800	3L	DIE	91.08-97.08	GWT-79A	16100-59257

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HILUX

LN109/81/86	2800	3L	DIE	94.08-97.08	GWT-79A	16100-59257
LN131V	2800	3L	DIE	89.04-93.08	GWT-79A	16100-59257
KDN185G	3000	1KDFTV	DTB	00.08-02.11	GWT-116AH	16100-69356
KDN185G	3000	1KDFTV	DTB	00.08-02.11	GWT-150A	16100-39485
KDN185G	3000	1KDFTV	DTB	00.08-02.11	GWT-116A	16110-69045
KDN185W	3000	1KDFTV	DTB	00.06-02.11	GWT-116AH	16100-69356
KDN185W	3000	1KDFTV	DTB	00.06-02.11	GWT-150A	16100-39485
KDN185W	3000	1KDFTV	DTB	00.06-02.11	GWT-116A	16110-69045
KDN215W	3000	1KDFTV	DTB	02.11-05.08	GWT-116AH	16100-69356
KZN130G/130W	3000	1KZTE	DTB	93.08-95.11	GWT-116AH	16100-69356
KDN215W	3000	1KDFTV	DTB	02.11-05.08	GWT-150A	16100-39485
KZN130G/130W	3000	1KZTE	DTB	93.08-95.11	GWT-150A	16100-39485
KZN130G/130W	3000	1KZTE	DTB	93.08-95.11	GWT-116A	16110-69045
KZN185G/185W	3000	1KZTE	DTB	95.11-00.08	GWT-116AH	16100-69356
KZN185G/185W	3000	1KZTE	DTB	95.11-00.08	GWT-150A	16100-39485
KZN185G/185W	3000	1KZTE	DTB	95.11-00.08	GWT-116A	16110-69045
LN147/167	3000	5L	DIE	97.08-04.07	GWT-79A	16100-59257
LN172H	3000	5L	DIE	97.11-04.07	GWT-79A	16100-59257
VZN130G	3000	3VZE	EFI	90.08-95.11		16100-69475
VZN130G	3000	3VZE	EFI	91.08-95.11		16100-69485
VZN180W	3400	5VZFE	EFI	98.07-00.08	GWT-103A	16100-69535
VZN185W	3400	5VZFE	EFI	95.11-02.11	GWT-103A	16100-69535
VZN210W/215W	3400	5VZFE	EFI	02.11-05.08	GWT-103A	16100-69535
GRN215W	4000	1GRFE	EFI	05.08-14.01		16100-39406

IPSAM

SXM10G/15G	2000	3SFE	EFI	96.05-01.05	GWT-77A*	16100-79186
SXM10G/15G	2000	3SFE	EFI	96.05-01.05	GWT-77A	16110-79026
CXM10G	2200	3CTE	DTB	97.09-01.05	GWT-94A	16100-64H06
CXM10G	2200	3CTE	DTB	97.09-01.05	GWT-94A	16100-69435
ACM21W/26W	2400	2AZFE	EFI	01.05-14.01	GWT-119A	16100-28041

IQ

KGJ10	1000	1KRFE	EFI	08.11-14.01		16100-80005
NGJ10	1300	1NRFE	EFI	09.08-14.01		16100-80008

ISIS

ZGM10G/10W/15G/15W	1800	2ZRFAE	EFI	09.09-14.01	GWT-144A	16100-39466
ZNM10G/10W	1800	1ZZFE	EFI	04.09-09.09	GWT-133A	16100-29415
ANM10G/10W/15G/15W	2000	1AZFSE	D4	04.09-09.09	GWT-119A	16100-28041
ZGM11G/11W	2000	3ZRFAE	EFI	09.09-14.01	GWT-144A	16100-39466

IST

NCP60	1300	2NZFE	EFI	02.04-07.07	GWT-101A	16100-29156
NCP110/115	1500	1NZFE	EFI	07.07-14.01	GWT-101A	16100-29156
NCP61/65	1500	1NZFE	EFI	02.04-07.07	GWT-101A	16100-29156
ZSP110	1800	2ZRFE	EFI	07.07-14.01	GWT-144A	16100-39466

KLUGER

ACU20W/25W	2400	2AZFE	EFI	00.11-05.10	GWT-119A	16100-28041
ACU20W/25W	2400	2AZFE	EFI	03.08-07.05	GWT-119A	16100-28041
MCU20W/25W	3000	1MZFE	EFI	00.11-05.10	GWT-92A	16100-29085
MCU20W/25W	3000	1MZFE	EFI	03.08-07.05	GWT-92A	16100-29085
MHU28W	3300	3MZFE	EFI	05.03-07.05	GWT-92A	16100-29085

LAND CRUISER

LJ71G	2400	2LT	DTB	85.10-90.01	GWT-61A	16100-59139
LJ71G/78G	2400	2LTE	DTB	90.04-93.05	GWT-79A	16100-59257
LJ78W	2400	2LTE	DTB	91.08-93.05	GWT-79A	16100-59257
RZJ120W/125W	2700	3RZFE	EFI	02.09-04.08	GWT-131A	16100-79445
RZJ120W/125W	2700	3RZFE	EFI	02.09-04.08	GWT-153F	16210-75060
RZJ90W/95W	2700	3RZFE	EFI	97.04-02.09	GWT-131A	16100-79445

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LAND CRUISER

RZJ90W/95W	2700	3RZFE	EFI	97.04-02.09	GWT-153F	16210-75060
TRJ120W/125W	2700	2TRFE	EFI	04.08-14.01	GWT-131A	16100-79445
TRJ150W	2700	2TRFE	EFI	09.08-14.01	GWT-131A	16100-79445
TRJ120W/125W	2700	2TRFE	EFI	04.08-14.01	GWT-153F	16210-75060
TRJ150W	2700	2TRFE	EFI	09.08-14.01	GWT-153F	16210-75060
KDJ120W	3000	1KDFTV	DTB	02.11-07.07	GWT-116AH	16100-69356
KDJ120W	3000	1KDFTV	DTB	02.11-07.07	GWT-150A	16100-39485
KDJ120W	3000	1KDFTV	DTB	02.11-07.07	GWT-116A	16110-69045
KDJ120W	3000	1KDFTV	DTB	02.11-07.07	GWT-151A	16100-09471
KDJ121W	3000	1KDFTV	DTB	02.11-05.08	GWT-116A	16110-69045
KDJ121W/125W	3000	1KDFTV	DTB	02.11-05.08	GWT-116AH	16100-69356
KDJ121W/125W	3000	1KDFTV	DTB	02.11-05.08	GWT-150A	16100-39485
KDJ125W	3000	1KDFTV	DTB	02.11-05.08	GWT-116A	16110-69045
KDJ90W	3000	1KDFTV	TBO	00.08-02.11	GWT-116A	16110-69045
KDJ90W/95W	3000	1KDFTV	TBO	00.08-02.11	GWT-116AH	16100-69356
KDJ90W/95W	3000	1KDFTV	TBO	00.08-02.11	GWT-150A	16100-39485
KDJ95W	3000	1KDFTV	TBO	00.08-02.11	GWT-116A	16110-69045
KZJ71G/71W/78G/78W	3000	1KZTE	DTB	93.05-96.04	GWT-116AH	16100-69356
KZJ90W/95W	3000	1KZTE	DTB	96.04-00.08	GWT-116AH	16100-69356
KZJ71G/71W/78G/78W	3000	1KZTE	DTB	93.05-96.04	GWT-150A	16100-39485
KZJ90W/95W	3000	1KZTE	DTB	96.04-00.08	GWT-150A	16100-39485
KZJ90W/95W	3000	1KZTE	DTB	96.04-00.08	GWT-116A	16110-69045
BJ60V	3400	3B	DIE	80.08-82.10	GWT-108A	16100-59105
BJ61V	3400	3B	DIE	82.10-86.08	GWT-108A	16100-59105
BJ70/70V/73V	3400	3B	DIE	84.11-90.01	GWT-108A	16100-59105
BJ70/70V/73V	3400	3B	DIE	84.11-90.01		16131-56040
BJ70/70V/73V	3400	3B	DIE	87.08-90.01	GWT-112A	16100-59187
BJ71V/74V	3400	13BT	DTB	85.10-90.01	GWT-108A	16100-59105
BJ71V/74V	3400	13BT	DTB	85.10-90.01		16131-56040
VZJ120W/121W/125W	3400	5VZFE	EFI	02.09-05.08	GWT-103A	16100-69535
VZJ90W/95W	3400	5VZFE	EFI	96.04-02.09	GWT-103A	16100-69535
PZJ70/70V	3500	1PZ	DIE	90.01-94.01	GWT-91A	16100-19235
PZJ77HV/77V	3500	1PZ	DIE	90.04-94.01	GWT-91A	16100-19235
FJ40/43/45	3900	F		54.01-67.12	GWT-07A	16100-60010
FJ40/43/45	3900	F		69.03-75.09	GWT-18A	16100-60090
FJ40/43/55	3900	F		69.03-75.09	GWT-08A	16100-60080
FJ45	3900	2F		69.03-75.09	GWT-18A	16100-60090
FJ62G	4000	3FE	EFI	88.08-90.01		16100-69196
FJ62G	4000	3FE	EFI	88.08-90.01	GWT-73A	16110-61180
FJ62V	4000	3F	GAS	84.11-87.08	GWT-73A*	16100-69156
FJ62V	4000	3F	GAS	84.11-87.08	GWT-73A	16110-61180
FJ62V	4000	3F	GAS	84.11-90.01	GWT-72A*	16100-69146
FJ62V	4000	3F	GAS	84.11-90.01	GWT-72A	16110-61170
FJ75	4000	3F	GAS	90.01-92.08		16100-69265
FJ80G	4000	3FE	EFI	90.01-92.08	GWT-73A*	16100-69255
GRJ120W/121W	4000	1GRFE	EFI	05.08-14.01		16100-39406
GRJ120W/121W	4000	1GRFE	EFI	05.08-14.01	GWT-151A	16100-09471
GRJ150W/151W	4000	1GRFE	EFI	09.08-14.01		16100-39545
HJ60V	4000	2H	DIE	82.10-90.01	GWT-65A*	16100-69037
HJ60V	4000	2H	DIE	82.10-90.01	GWT-65A	16120-69015
HJ61V	4000	12HT	DTB	85.10-90.01	GWT-65A*	16100-69037
HJ61V	4000	12HT	DTB	85.10-90.01	GWT-65A	16120-69015
FJ56	4200	2F		75.01-79.02	GWT-19A	16100-61012
FJ56	4200	2F		75.09-79.02	GWT-22A	16100-61041
FJ56	4200	2F		79.02-80.07		16100-61071
FJ56	4200	2F		79.02-80.07		16100-61081
FJ56	4200	2F		79.02-80.07	GWT-88A*	16100-61120
FJ56	4200	2F		79.02-80.07	GWT-88A*	16100-61130
FJ60V	4200	2F	GAS	80.08-82.10	GWT-88A*	16100-61120
FJ60V	4200	2F	GAS	80.08-82.10	GWT-88A*	16100-61130
FJ60V	4200	2F	GAS	80.08-82.10	GWT-88A	16110-61071
FJ60V	4200	2F	GAS	80.08-82.10	GWT-89A	16110-61081

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LAND CRUISER

FJ61V	4200	2F	GAS	82.10-84.11	GWT-88A*	16100-61120
FJ61V	4200	2F	GAS	82.10-84.11	GWT-88A*	16100-61130
FJ61V	4200	2F	GAS	82.10-84.11	GWT-88A	16110-61071
FJ61V	4200	2F	GAS	82.10-84.11	GWT-89A	16110-61081
HDJ101K	4200	1HDFTE	DTB	98.01-07.08	GWT-91A	16100-19235
HDJ81V	4200	1HDT	DTB	90.01-95.01	GWT-91A	16100-19235
HDJ81V	4200	1HDFT	DTB	95.01-98.01	GWT-91A	16100-19235
HZJ70/70V/77V	4200	1HZ	DIE	94.01-99.08	GWT-91A	16100-19235
HZJ71/71V	4200	1HZ	DIE	99.08-04.08	GWT-91A	16100-19235
HZJ73HV	4200	1HZ	DIE	90.01-99.08	GWT-91A	16100-19235
HZJ73V	4200	1HZ	DIE	90.05-99.08	GWT-91A	16100-19235
HZJ74K/74V/76K/76V	4200	1HZ	DIE	99.08-04.08	GWT-91A	16100-19235
HZJ75	4200	1HZ	DIE	92.12-99.08	GWT-91A	16100-19235
HZJ77HV	4200	1HZ	DIE	90.04-99.08	GWT-91A	16100-19235
HZJ79	4200	1HZ	DIE	99.11-04.08	GWT-91A	16100-19235
HZJ81V	4200	1HZ	DIE	90.01-98.01	GWT-91A	16100-19235
FZJ80G	4500	1FZFE	EFI	92.08-98.01	GWT-99A	16100-69325
FZJ80G	4500	1FZFE	EFI	92.08-98.01	GWT-152F	16100-69325
URJ202W	4600	1URFE	EFI	09.05-12.01		16100-39555
UZJ100W	4700	2UZFE	EFI	98.01-07.08		16100-59276
UZJ200W	4700	2UZFE	EFI	07.09-09.05		16100-59276
BJ40/43	D	B		77.06-77.09	GWT-47A	16100-59017
BJ40/43	D	B		77.09-79.02		16100-59035
BJ40/43	D3000	B		74.02-77.06	GWT-47A	16100-59017

LITEACE

KM10	1200	3K		70.11-74.04	GWT-02A	16100-29016
KM10	1200	3K		74.04-78.02	GWT-09A	16100-29028
KM11	1300	4K		78.02-79.02	GWT-09A	16100-29028
KM20	1300	4K		79.10-83.04	GWT-60A	16100-19046
KM21	1300	4K		79.10-85.08	GWT-60A	16100-19155
KM35V	1300	4KJ	GAS	85.09-90.08	GWT-60A	16100-19156
KM50	1300	4K	GAS	86.10-90.08	GWT-60A	16100-19156
KM30G	1500	5KU	GAS	85.09-92.01	GWT-60A	16100-19156
KM31V/36V	1500	5KJ	GAS	85.09-92.01	GWT-60A	16100-19156
KM51	1500	5K	GAS	86.10-99.06	GWT-60A	16100-19156
KR27V	1500	5KJ	GAS	92.01-96.10	GWT-60A	16100-19156
KR41V	1500	5K	GAS	96.11-98.12	GWT-60A	16100-19156
S402M/402U	1500	3SZVE	EFI	08.01-14.01	GWT-139A	16100-B9440
S412M/412U	1500	3SZVE	EFI	10.07-14.01	GWT-139A	16100-B9440
CM35V	1800	1C	DIE	85.09-88.08	GWT-94A	16100-64H04
CM50	1800	1C	DIE	86.10-89.10	GWT-94A	16100-64H04
KM70/75/80/85	1800	7KE	EFI	99.06-07.08	GWT-132A	16100-19276
KR42V	1800	7K	GAS	96.11-98.12	GWT-132A	16100-19276
KR42V	1800	7KE	EFI	98.12-07.08	GWT-132A	16100-19276
KR52V	1800	7KE	EFI	04.12-07.08	GWT-132A	16100-19276
TM20	1800	13T		79.10-82.10	GWT-31AF	16100-28010
TM20	1800	13T		79.10-82.10	GWT-31A	16110-28010
YM30G	1800	2YU	GAS	85.09-92.01	GWT-114A	16100-79037
YM31V	1800	2YJ	GAS	90.08-92.01	GWT-114A	16100-79037
YM55/60	1800	2Y	GAS	86.10-99.06	GWT-114A	16100-79037
YM65	1800	2Y	GAS	90.08-99.06	GWT-114A	16100-79037
YR25V	1800	2YJ	GAS	92.01-96.10	GWT-114A	16100-79037
CM30G	2000	2CT	DTB	85.09-92.01	GWT-94A	16100-64H04
CM30G/31V/36V/41V	2000	2C	DIE	88.08-92.01	GWT-94A	16100-64H06
CM30G/36V	2000	2C	DIE	85.09-92.01	GWT-94A	16100-64H04
CM30G/40G	2000	2CT	DTB	88.08-92.01	GWT-94A	16100-64H06
CM31V	2000	2C	DIE	88.08-92.01	GWT-94A	16100-64H04
CM40G	2000	2CT	DTB	85.10-92.01	GWT-94A	16100-64H04
CM41V	2000	2C	DIE	85.10-92.01	GWT-94A	16100-64H04
CM51/52/55/60/61/65	2000	2C	DIE	93.10-99.06	GWT-94A	16100-69435
CM51/55/60/65	2000	2C	DIE	86.10-93.10	GWT-94A	16100-64H04

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LITEACE

CM51/55/60/65	2000	2C	DIE	87.08-99.06	GWT-94A	16100-64H06
CM52/61	2000	2C	DIE	91.10-99.06	GWT-94A	16100-64H06
CR21G/28G/30G/37G	2000	2CT	DTB	92.01-93.09	GWT-94A	16100-64H06
CR27V/36V	2000	2C	DIE	92.01-96.10	GWT-94A	16100-64H06
CR41V/51V	2000	2C	DIE	96.11-98.12	GWT-94A	16100-64H06
CR41V/51V	2000	2C	DIE	96.11-98.12	GWT-94A	16100-69435
SR40G/50G	2000	3SFE	EFI	96.10-01.11	GWT-77A*	16100-79186
SR40G/50G	2000	3SFE	EFI	96.10-01.11	GWT-77A	16110-79026
YM40G	2000	3YU	GAS	85.10-92.01	GWT-114A	16100-79037
YR21G/30G	2000	3YEU	EFI	92.01-96.10	GWT-114A	16100-79037
CM70/75/80/85	2200	3CE	DIE	99.06-04.08	GWT-94A	16100-69435
CR22G/29G/31G/38G	2200	3CT	DTB	93.09-96.10		16100-69377
CR40G/50G	2200	3CT	DTB	96.10-98.12	GWT-94A	16100-64H06
CR40G/50G	2200	3CT	DTB	96.10-98.12	GWT-94A	16100-69435
CR40G/50G	2200	3CTE	DTB	98.12-01.11	GWT-94A	16100-69435
CR42V/52V	2200	3CE	DIE	98.12-04.07	GWT-94A	16100-69435

MACCY DYNA

FC10	3900	F		70.04-75.01	GWT-08A	16100-60080
FC22	4200	2F		75.04-80.02	GWT-19A	16100-61012
QC10/12/15	D4500	Q		69.09-75.03		16100-69015
EC20/22/23	D5900	E		75.03-80.02		16100-69028

MARK X

ANA10/15	2400	2AZFE	EFI	07.09-14.01		16100-0H050
ANA10/15	2400	2AZFE	EFI	07.09-14.01	GWT-119A	16100-28041
GRX120/125	2500	4GRFSE	D4	04.11-14.01		16100-39436
GRX130/135	2500	4GRFSE	D4	09.10-14.01		16100-39436
GRX121	3000	3GRFSE	D4	04.11-14.01		16100-39436
GGA10	3500	2GRFE	EFI	07.09-14.01		16100-39456
GRX133	3500	2GRFSE	D4S	09.10-14.01		16100-39436

MARK II

RX11/17/21/27	1800	16R		73.08-75.11	GWT-26AF*	16100-39017
RX17	1800	16R		75.11-76.11	GWT-80A	16100-39215
RX17	1800	16R		75.11-76.11	GWT-44A	16120-34090
RX27	1800	16R		73.08-75.11	GWT-44A	16120-34090
RX37	1800	16R		76.12-79.12	GWT-80A	16100-39215
RX37	1800	16R		76.12-79.12	GWT-44A	16120-34090
SX80/80Y	1800	4SFI	CI	88.08-90.08	GWT-77A*	16100-79186
SX80/80Y	1800	4SFI	CI	88.08-90.08	GWT-77A	16110-79026
SX80/80Y	1800	4SFE	HTC	90.08-95.12	GWT-77A*	16100-79186
SX80/80Y	1800	4SFE	HTC	90.08-95.12	GWT-77A	16110-79026
SX90	1800	4SFE	EFI	92.10-96.09	GWT-77A*	16100-79186
SX90	1800	4SFE	EFI	92.10-96.09	GWT-77A	16110-79026
TX30	1800	3T		74.04-79.03	GWT-31AF	16100-28020
TX30	1800	3T		74.04-79.03	GWT-31A	16110-28010
TX40	1800	13T		77.11-80.08	GWT-31AF	16100-28020
TX40	1800	13T		77.11-80.08	GWT-31A	16110-28010
TX47	1800	13T		79.12-80.08	GWT-31AF	16100-28020
TX47	1800	13T		79.12-80.08	GWT-31A	16110-28010
TX50/60	1800	13T		80.03-82.08	GWT-31AF	16100-28020
TX60	1800	13T		80.03-82.08	GWT-31A	16110-28010
YX76V	1800	2YJ	GAS	88.12-93.02	GWT-114A	16100-79037
RT62/72/78	1900	8R		68.09-71.12	GWT-44A	16120-33010
GX100	2000	1GFE	EFI	96.09-98.08	GWT-111A	16100-79117
GX100/105	2000	1GFE	EFI	98.08-00.10	GWT-111A	16100-79285
GX110/115	2000	1GFE	EFI	00.10-04.11	GWT-111A	16100-79285
GX110W/115W	2000	1GFE	EFI	02.01-07.06	GWT-111A	16100-79285
GX70G	2000	1GFE	HTC	88.10-97.04	GWT-111A	16100-79117
GX81	2000	1GGTE	TWT	88.08-90.08		16100-79065
GX81	2000	1GGZE	SPC	88.08-90.08		16100-79055

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MARK II

GX81	2000	1GGE	TWC	88.08-93.02	GWT-70A	16100-79025
GX81	2000	1GFE	HTC	88.08-95.12	GWT-111A	16100-79117
GX90	2000	1GFE	EFI	92.10-96.09	GWT-111A	16100-79117
MX10/20/27	2000	M		72.01-74.08		16100-49345
MX10/20/27	2000	M		74.08-75.11	GWT-28A	16100-49365
MX10/20/27	2000	M		75.10-76.11		16120-49436
MX27	2000	M		72.01-76.11	GWT-28A	16120-49025
MX30/31/35	2000	M		76.12-79.03	GWT-28A	16100-49506
MX35	2000	M		76.12-77.07		16120-41150
MX40/41	2000	M		77.07-80.08	GWT-28A	16100-49495
MX45	2000	M		79.08-80.08	GWT-28A	16100-49495
MX45	2000	M		79.08-80.08	GWT-55A	16120-45100
RX12/15/22/28	2000	18R		75.10-76.01	GWT-27AFH	16100-39236
RX12/28	2000	18R		72.01-75.11	GWT-26AF*	16100-39017
RX22	2000	18R		72.01-75.11	GWT-26AF*	16100-39165
RX22	2000	18R		72.01-75.11	GWT-44A	16120-33010
RX28	2000	18R		72.01-75.11	GWT-44A	16120-34090
RX28	2000	18R		75.10-76.01	GWT-27A	16120-34100
RX30/31	2000	18R		76.12-78.08	GWT-27AFH	16100-39236
RX31	2000	18R		76.12-78.08	GWT-27A	16120-34100
RX40/41	2000	21R		78.08-80.08	GWT-41A	16100-39316
YX78V	2000	3YE	EFI	93.02-97.04	GWT-114A	16100-79037
YX80/80Y	2000	3YP	LPG	88.08-95.12	GWT-114A	16100-79037
SXV20W	2200	5SFE	EFI	97.04-01.12	GWT-77A*	16100-79186
SXV20W	2200	5SFE	EFI	97.04-01.12	GWT-77A	16110-79026
SXV25W	2200	5SFE	EFI	97.06-01.12	GWT-77A*	16100-79186
SXV25W	2200	5SFE	EFI	97.06-01.12	GWT-77A	16110-79026
LX100	2400	2LTE	DTB	96.09-99.08	GWT-79A	16100-59257
LX76V	2400	2L	DIE	88.12-94.09	GWT-79A	16100-59257
LX80	2400	2L	DIE	88.08-93.08	GWT-79A	16100-59257
LX80/80Y	2400	2LT	DTB	88.08-93.02	GWT-79A	16100-59257
LX80Y	2400	2L	DIE	88.08-93.02	GWT-79A	16100-59257
LX90	2400	2LTE	DTB	92.10-96.09	GWT-79A	16100-59257
JZX100	2500	1JZGTE	TBO	96.09-00.10		16100-49856
JZX100	2500	1JZGTE	TBO	96.09-00.10		16110-49135
JZX100/105	2500	1JZGE	EFI	96.09-00.10	GWT-118AH	16100-80009
JZX100/105	2500	1JZGE	EFI	96.09-00.10	GWT-118A	16110-49148
JZX110	2500	1JZFSE	D4	00.10-04.11	GWT-118AH	16100-80009
JZX110	2500	1JZFSE	D4	00.10-04.11	GWT-118A	16110-49148
JZX110	2500	1JZGTE	EFI	00.10-04.11		16100-49856
JZX110	2500	1JZGTE	EFI	00.10-04.11		16110-49135
JZX110W	2500	1JZGTE	EFI	02.01-06.04		16100-49856
JZX110W	2500	1JZGTE	EFI	02.01-06.04		16110-49135
JZX110W	2500	1JZFSE	D4	02.01-07.06	GWT-118AH	16100-80009
JZX110W	2500	1JZFSE	D4	02.01-07.06	GWT-118A	16110-49148
JZX115	2500	1JZGE	EFI	00.10-04.11	GWT-118AH	16100-80009
JZX115	2500	1JZGE	EFI	00.10-04.11	GWT-118A	16110-49148
JZX115W	2500	1JZGE	EFI	02.01-07.06	GWT-118AH	16100-80009
JZX115W	2500	1JZGE	EFI	02.01-07.06	GWT-118A	16110-49148
JZX81	2500	1JZGTE	TWT	90.08-92.10		16090-49017
JZX81	2500	1JZGE	TWC	90.08-93.02	GWT-120AH	16100-49838
JZX81	2500	1JZGE	TWC	90.08-93.02	GWT-120A	16110-49097
JZX90	2500	1JZGE	EFI	92.10-96.09	GWT-120AH	16100-49838
JZX90	2500	1JZGE	EFI	92.10-96.09	GWT-120A	16110-49097
JZX90	2500	1JZGTE	TBO	92.10-96.09		16090-49017
JZX90	2500	1JZGTE	TBO	92.10-96.09		16110-46011
JZX93	2500	1JZGE	EFI	93.10-96.09	GWT-120AH	16100-49838
JZX93	2500	1JZGE	EFI	93.10-96.09	GWT-120A	16110-49097
MCV21W	2500	2MZFE	EFI	97.04-01.12	GWT-92A	16100-29085
MCV25W	2500	2MZFE	EFI	97.06-01.12	GWT-92A	16100-29085
MX33	2600	4M		76.12-78.08	GWT-28A	16100-49506
MX43	2600	4M		78.03-79.08	GWT-28A	16100-49506

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MARK II

MX43	2600	4M		79.08-80.08	GWT-55A	16100-49595
JZX101	3000	2JZGE	EFI	96.09-00.10	GWT-120AH	16100-49838
JZX101	3000	2JZGE	EFI	98.08-00.10	GWT-118AH	16100-80009
JZX101	3000	2JZGE	EFI	98.08-00.10	GWT-118A	16110-49148
JZX91	3000	2JZGE	EFI	92.10-96.09	GWT-120AH	16100-49838
MCV20W	3000	1MZFE	EFI	97.04-01.12	GWT-92A	16100-29085
MX83	3000	7MGE	TWC	88.08-93.02	GWT-82A	16100-49805
LX40	D2200	L		79.09-80.08	GWT-42A	16100-59127

MASTERACE

YR20G	1800	2YU	GAS	82.11-92.01	GWT-114A	16100-79037
YR28G	1800	2YU	GAS	85.08-92.01	GWT-114A	16100-79037
CR21G	2000	2C	DIE	83.04-87.08	GWT-94A	16100-64H04
CR21G	2000	2CT	DTB	85.08-92.01	GWT-94A	16100-64H04
CR21G/28G/30G/37G	2000	2CT	DTB	88.08-92.01	GWT-94A	16100-64H06
CR28G	2000	2C	DIE	85.08-87.08	GWT-94A	16100-64H04
CR28G/37G	2000	2CT	DTB	87.08-92.01	GWT-94A	16100-64H04
CR30G	2000	2CT	DTB	85.10-92.01	GWT-94A	16100-64H04
YR21G	2000	3YEU	EFI	83.05-92.01	GWT-114A	16100-79037
YR30G	2000	3YEU	EFI	85.10-92.01	GWT-114A	16100-79037
YR36G	2000	3YEU	EFI	86.08-92.01	GWT-114A	16100-79037

MR2

AW10	1500	3ALU	GAS	84.06-89.12	GWT-58A*	16100-19106
AW10	1500	3ALU	GAS	84.06-89.12	GWT-58A	16110-19047
AW11	1600	4AGELU	TWC	84.06-89.12	GWT-63A*	16100-19115
AW11	1600	4AGELU	TWC	84.06-89.12	GWT-63A	16110-19165
AW11	1600	4AGZE	SPC	86.08-89.12	GWT-63A*	16100-19115
AW11	1600	4AGZE	SPC	86.08-89.12	GWT-63A	16110-19165
SW20	2000	3SGE	EFI	89.12-99.08		16100-79176
SW20	2000	3SGE	EFI	89.12-99.08		16100-79226
SW20	2000	3SGE	EFI	89.12-99.08	GWT-107A	16110-79115
SW20	2000	3SGE	EFI	89.12-99.08	GWT-122A	16110-79135
SW20	2000	3SGTE	TBO	89.12-99.08		16100-79127
SW20	2000	3SGTE	TBO	89.12-99.08		16100-79226
SW20	2000	3SGTE	TBO	89.12-99.08	GWT-107A	16110-79115
SW20	2000	3SGTE	TBO	89.12-99.08	GWT-122A	16110-79135

MR-S

ZZW30	1800	1ZZFE	EFI	99.10-07.07	GWT-133A	16100-29415
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NADIA

ACN10/10H	2000	1AZFSE	D4	01.04-03.07	GWT-119A	16100-28041
ACN15/15H	2000	1AZFSE	D4	02.08-03.07	GWT-119A	16100-28041
SXN10	2000	3SFE	EFI	98.07-01.04	GWT-77A*	16100-79186
SXN10	2000	3SFE	EFI	98.07-01.04	GWT-77A	16110-79026
SXN10	2000	3SFSE	D4	98.07-01.04	GWT-77A*	16100-79186
SXN10	2000	3SFSE	D4	98.07-01.04	GWT-77A	16110-79026
SXN10H	2000	3SFE	EFI	99.06-01.04	GWT-77A*	16100-79186
SXN10H	2000	3SFE	EFI	99.06-01.04	GWT-77A	16110-79026
SXN15	2000	3SFE	EFI	98.07-02.08	GWT-77A*	16100-79186
SXN15	2000	3SFE	EFI	98.07-02.08	GWT-77A	16110-79026
SXN15H	2000	3SFE	EFI	99.06-02.08	GWT-77A*	16100-79186
SXN15H	2000	3SFE	EFI	99.06-02.08	GWT-77A	16110-79026

NOAH

AZR60G/65G	2000	1AZFSE	D4	01.11-07.06	GWT-119A	16100-28041
ZRR70G/70W/75G/75W	2000	3ZRFE	EFI	07.06-10.04	GWT-144A	16100-39466
ZRR70G/75G	2000	3ZRFAE	EFI	10.04-14.01	GWT-144A	16100-39466
ZRR70W/75W	2000	3ZRFAE	EFI	07.06-14.01	GWT-144A	16100-39466

TOYOTA

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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OPA

ZCT10/15	1800	1ZZFE	EFI	00.04-05.04	GWT-133A	16100-29415
ACT10	2000	1AZFSE	D4	00.08-05.04	GWT-119A	16100-28041

PASSO

KGC10/15	1000	1KRFE	EFI	04.06-10.02	GWT-142A	16100-80007
KGC30/35	1000	1KRFE	EFI	10.02-14.01	GWT-142A	16100-80007
NGC30	1300	1NRFE	EFI	10.02-14.01	GWT-149A	16100-80004
QNC10	1300	K3VE	EFI	04.06-10.02	GWT-100A	16100-B9010
M502E/512E	1500	3SZVE	EFI	08.12-14.01	GWT-100A	16100-B9010

PIXIS SPACE

L575A/585A	660	KF	EFI	11.09-14.01	GWD-56A	16100-B9453
L575A/585A	660	KF	EFI	11.09-14.01	GWD-56A	16100-B9454
L575A/585A	660	KFDET	TBO	11.09-14.01	GWD-56A	16100-B9453
L575A/585A	660	KFDET	TBO	11.09-14.01	GWD-56A	16100-B9454
L575A/585A	660	KFDET	TBO	11.09-14.01	GWD-56A	16100-B9454
LA300A/310A	660	KFVE	EFI	12.04-14.01	GWD-56A	16100-B9455

PLATZ

SCP11	1000	1SZFE	EFI	99.08-05.12	GWT-136A	16100-29117
NCP16	1300	2NZFE	EFI	99.08-05.12	GWT-101A	16100-29156
NCP12	1500	1NZFE	EFI	99.08-05.12	GWT-101A	16100-29156

PORTE

NNP10/11	1300	2NZFE	EFI	04.07-14.01	GWT-101A	16100-29156
NSP140	1300	1NRFE	EFI	12.07-14.01	GWT-149A	16100-80004
NNP15	1500	1NZFE	EFI	06.01-14.01	GWT-101A	16100-29156
NSP140	1300	1NRFE	EFI	12.07-14.01	GWT-149A	16100-80004
NNP15	1500	1NZFE	EFI	06.01-14.01	GWT-101A	16100-29156
NCP141/145	1500	1NZFE	EFI	12.07-14.01		16100-29157

PREMIO

NZT240	1500	1NZFE	EFI	01.12-07.05	GWT-101A	16100-29156
NZT260	1500	1NZFE	EFI	07.05-14.01	GWT-101A	16100-29156
ZRT260/265	1800	2ZRFEE	EFI	07.05-10.04	GWT-144A	16100-39466
ZRT260/265	1800	2ZRFAE	EFI	10.04-14.01	GWT-144A	16100-39466
ZZT240/245	1800	1ZZFE	EFI	01.12-07.05	GWT-133A	16100-29415
AZT240	2000	1AZFSE	D4	01.12-07.05	GWT-119A	16100-28041
ZRT261	2000	3ZRFAE	EFI	07.12-14.01	GWT-144A	16100-39466

PRIUS

NHW10	1500	1NZFXE	EFI	97.12-00.05		16100-29105
NHW11	1500	1NZFXE	EFI	00.05-03.08	GWT-101A	16100-29156
NHW20	1500	1NZFXE	EFI	03.09-14.01	GWT-101A	16100-29156
ZVW30	1800	2ZRFXE	EFI	09.04-14.01		161A0-39015
ZVW35	1800	2ZRFXE	EFI	12.01-14.01		G9040-52010
ZVW40W/41W	1800	2ZRFXE	EFI	11.04-14.01		161A0-39015

PROBOX

NCP50V	1300	2NZFE	EFI	02.06-14.01	GWT-101A	16100-29156
NLP51V	1400	1NDTV	DIE	02.06-07.08	GWT-101A	16100-29156
NLP51V	1400	1NDTV	DIE	02.06-07.08	GWT-135A	16100-29196
NCP51V/55V/58G/59G	1500	1NZFE	EFI	02.06-14.01	GWT-101A	16100-29156
NCP52V	1500	1NZFNE	CNG	03.04-14.01	GWT-101A	16100-29156

PROGRES

JCG10	2500	1JZFSE	D4	01.04-07.06	GWT-118AH	16100-80009
JCG10	2500	1JZFSE	D4	01.04-07.06	GWT-118A	16110-49148
JCG10	2500	1JZGE	EFI	98.05-01.04	GWT-118AH	16100-80009
JCG10	2500	1JZGE	EFI	98.05-01.04	GWT-118A	16110-49148
JCG15	2500	1JZFSE	D4	01.04-07.06		16100-49877
JCG15	2500	1JZFSE	D4	01.04-07.06	GWT-140A	16110-49156

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PROGRES

JCG15	2500	1JZGE	EFI	99.12-01.04		16100-49877
JCG15	2500	1JZGE	EFI	99.12-01.04	GWT-140A	16110-49156
JCG11	3000	2JZFSE	D4	01.04-07.06	GWT-118AH	16100-80009
JCG11	3000	2JZFSE	D4	01.04-07.06	GWT-118A	16110-49148
JCG11	3000	2JZGE	EFI	98.05-01.04	GWT-120AH	16100-49838
JCG11	3000	2JZGE	EFI	98.05-01.04	GWT-118AH	16100-80009
JCG11	3000	2JZGE	EFI	98.05-01.04	GWT-118A	16110-49148

PRONARD

MCX20	3000	1MZFE	EFI	00.02-03.01	GWT-92A	16100-29085
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PUBLICA

KP30/36	1000	2K		74.04-75.11	GWT-09A	16100-29028
KP30/36V	1000	2K	GAS	69.04-75.11	GWT-02A	16100-29018
KP30/36V	1000	2K	GAS	69.04-75.11	GWT-09A	16100-29066
KP36	1000	2K	GAS	69.11-75.11	GWT-02A	16100-29018
KP36	1000	2K	GAS	69.11-75.11	GWT-09A	16100-29066
P30/36	1000	2K		69.04-74.04	GWT-02A	16100-29016
KP30S	1100	K		69.04-69.08	GWT-02A	16100-29016
KP30S	1100	KB	GAS	69.04-69.08	GWT-02A	16100-29018
KP31	1200	3K	GAS	70.10-74.04	GWT-02A	16100-29018
KP31	1200	3KB	GAS	71.03-75.01	GWT-02A	16100-29018
KP31	1200	3KB	GAS	71.03-75.01	GWT-09A	16100-29066
KP31	1200	3KBR	GAS	71.03-75.11	GWT-02A	16100-29018
KP31	1200	3KBR	GAS	71.03-75.11	GWT-09A	16100-29066
KP31/37/37V	1200	3KH	GAS	74.04-75.11	GWT-09A	16100-29066
KP31S	1200	3KB	GAS	69.09-71.12	GWT-02A	16100-29018
KP37	1200	3KHJ	GAS	75.11-79.07	GWT-09A	16100-29066
KP37/37V	1200	3K	GAS	72.01-74.04	GWT-02A	16100-29018
KP37V	1200	3KHJ	GAS	75.11-78.09	GWT-09A	16100-29066
KP38	1200	3KHJ	GAS	79.07-82.01	GWT-09A	16100-29066
KP50	1200	3KU	GAS	76.01-78.02	GWT-09A	16100-29066

QUICK DELIVERY

BU280K	2700	3RZFPE	LPG	00.01-03.06	GWT-131A	16100-79445
BU280K	2700	3RZFPE	LPG	00.01-03.06	GWT-153F	16210-75060
RZU280K	2700	3RZFPE	LPG	03.06-06.10	GWT-131A	16100-79445
RZU280K	2700	3RZFPE	LPG	03.06-06.10	GWT-153F	16210-75060
RZU68VH	2700	3RZFP	LPG	96.10-99.08	GWT-131A	16100-79445
XZU281K	2700	3RZFPE	LPG	04.06-06.10	GWT-131A	16100-79445
XZU281K	2700	3RZFPE	LPG	04.06-06.10	GWT-153F	16210-75060
LH81VH,LY151	2800	3L	DIE	95.05-99.05	GWT-79A	16100-59257
LH82K,ly152	3000	5L	DIE	99.05-01.08	GWT-79A	16100-59257
BU68VH	3400	3B	DIE	95.05-99.08	GWT-110A	16100-59166
BU280K	3700	4B	DIE	99.08-04.06	GWT-112A	16100-59187
BU281K	3700	4B	DIE	00.03-04.06	GWT-112A	16100-59187
XKU280K	4100	N04CTN	DTB	06.10-14.01		16100-78112
XZU280K/281K	4100	N04C	DIE	04.06-06.10		16100-78112

RACTIS

NSP120	1300	1NRFE	EFI	10.11-14.01	GWT-149A	16100-80004
SCP100	1300	2SZFE	EFI	05.09-10.11	GWT-136A	16100-29117
NCP100/105	1500	1NZFE	EFI	05.09-10.11	GWT-101A	16100-29156
NCP120/125	1500	1NZFE	EFI	10.11-14.01	GWT-101A	16100-29156

RAUM

EXZ10	1500	5EFE	EFI	97.05-03.04	GWT-117AH	16100-19226
EXZ10	1500	5EFE	EFI	97.05-03.04	GWT-117A	16110-19107
EXZ15	1500	5EFE	EFI	97.08-03.04	GWT-117AH	16100-19226
EXZ15	1500	5EFE	EFI	97.08-03.04	GWT-117A	16110-19107
NCZ20/25	1500	1NZFE	EFI	03.04-14.01	GWT-101A	16100-29156

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RAV4

ACA31W/36W	2400	2AZFE	EFI	05.11-14.01	GWT-119A	16100-28041
ZCA25W/26W	1800	1ZZFE	EFI	00.05-05.11	GWT-133A	16100-29415
ACA20W/21W	2000	1AZFSE	D4	00.05-05.11	GWT-119A	16100-28041
SXA10C/10W/11W	2000	3SFE	EFI	97.12-00.05	GWT-77A*	16100-79186
SXA10C/10W/11W	2000	3SFE	EFI	97.12-00.05	GWT-77A	16110-79026
SXA10G	2000	3SFE	EFI	94.04-00.05	GWT-77A*	16100-79186
SXA10G	2000	3SFE	EFI	94.04-00.05	GWT-77A	16110-79026
SXA10W/11W	2000	3SGE	TWC	96.08-00.05		16100-79226
SXA10W/11W	2000	3SGE	TWC	96.08-00.05	GWT-122A	16110-79135
SXA11G	2000	3SFE	EFI	95.04-00.05	GWT-77A*	16100-79186
SXA11G	2000	3SFE	EFI	95.04-00.05	GWT-77A	16110-79026
SXA15G/16G	2000	3SFE	EFI	97.09-00.05	GWT-77A*	16100-79186
SXA15G/16G	2000	3SFE	EFI	97.09-00.05	GWT-77A	16110-79026
ZCA25W	1800	1ZZFE	D4	00.05-03.07	GWT-133A	16100-29415
ZCA25W/26W	1800	1ZZFE	EFI	00.05-05.11	GWT-133A	16100-29415
ACA20W/21W	2000	1AZFSE	D4	00.05-05.11	GWT-119A	16100-28041
SXA10C/10W/11W	2000	3SFE	EFI	97.12-00.05	GWT-77A*	16100-79186
SXA10C/10W/11W	2000	3SFE	EFI	97.12-00.05	GWT-77A	16110-79026
SXA10G	2000	3SFE	EFI	94.04-00.05	GWT-77A*	16100-79186
SXA10G	2000	3SFE	EFI	94.04-00.05	GWT-77A	16110-79026
SXA10W/11W	2000	3SGE	TWC	96.08-00.05		16100-79226
SXA10W/11W	2000	3SGE	TWC	96.08-00.05	GWT-122A	16110-79135
SXA11G	2000	3SFE	EFI	95.04-00.05	GWT-77A*	16100-79186
SXA11G	2000	3SFE	EFI	95.04-00.05	GWT-77A	16110-79026
SXA15G/16G	2000	3SFE	EFI	97.09-00.05	GWT-77A*	16100-79186
SXA15G/16G	2000	3SFE	EFI	97.09-00.05	GWT-77A	16110-79026

REGIUS

RCH42V	2000	1RZE	EFI	97.06-02.05	GWT-138A	16100-79455
RCH41W/47W	2700	3RZFE	EFI	97.04-02.05	GWT-131A	16100-79445
RCH41W/47W	2700	3RZFE	EFI	97.04-02.05	GWT-153F	16210-75060
KCH40G/46G	3000	1KZTE	DTB	97.04-99.07	GWT-116AH	16100-69356
KCH40G/46G	3000	1KZTE	DTB	97.04-99.07	GWT-116A	16110-69045
KCH40W/46W	3000	1KZTE	DTB	97.04-02.05	GWT-116AH	16100-69356
KCH40W/46W	3000	1KZTE	DTB	97.04-02.05	GWT-116A	16110-69045
LXH43V/49V	3000	5L	DIE	97.06-02.05	GWT-115A	16100-59257

REGIUS ACE

RZH102V/112K/112V	2000	1RZE	EFI	99.07-03.08	GWT-138A	16100-79455
RZH182K	2000	1RZE	EFI	00.12-03.08	GWT-138A	16100-79455
TRH102V/112K/112V	2000	1TRFE	EFI	03.08-04.08	GWT-131A	16100-79445
TRH122K	2000	1TRFE	EFI	03.08-05.01	GWT-131A	16100-79445
TRH200K/200V	2000	1TRFE	EFI	04.08-14.01	GWT-131A	16100-79445
RZH183K	2400	2RZE	EFI	00.12-03.08	GWT-138A	16100-79455
KDH200K/200V/205K/205V	2500	2KDFTV	DTB	04.08-07.09	GWT-145A	16100-39425
KDH220K/225K	2500	2KDFTV	DTB	05.01-07.09	GWT-145A	16100-39425
TRH211K/216K	2700	2TRFE	EFI	07.09-14.01	GWT-131A	16100-79445
TRH221K/226K	2700	2TRFE	EFI	05.01-14.01	GWT-131A	16100-79445
KDH201K/201V/206K/206V	3000	1KDFTV	DTB	07.09-14.01	GWT-145A	16100-39425
KDH211K/221K	3000	1KDFTV	DTB	07.09-14.01	GWT-145A	16100-39425
LH162V/168V/172K/172V/178V	3000	5L	DIE	99.07-04.08	GWT-79A	16100-59257
LH182K/188K	3000	5L	DIE	99.07-04.08	GWT-79A	16100-59257

RUSH

J200E/210E	1500	3SZVE	EFI	06.01-14.01	GWT-100A	16100-B9010
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SAI

AZK10	2400	2AZFXE	EFI	09.12-14.01	GWT-119A	16100-28041
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SCEPTER

SXV10	2200	5SFE	EFI	92.11-96.08	GWT-77A*	16100-79186
SXV10	2200	5SFE	EFI	92.11-96.08	GWT-77A	16110-79026

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SCEPTER

SXV15	2200	5SFE	EFI	93.10-96.07		16100-09040
SXV15	2200	5SFE	EFI	93.10-96.07	GWT-77A*	16100-79186
SXV15	2200	5SFE	EFI	93.10-96.07	GWT-77A	16110-79026
SXV15W	2200	5SFE	EFI	92.12-96.07		16100-09040
SXV15W	2200	5SFE	EFI	92.12-96.07	GWT-77A*	16100-79186
SXV15W	2200	5SFE	EFI	92.12-96.07	GWT-77A	16110-79026
VCV10	3000	3VZFE	EFI	92.11-96.08	GWT-71A	16100-69455
VCV15	3000	3VZFE	EFI	93.10-96.07	GWT-71A	16100-69455
VCV15W	3000	3VZFE	EFI	92.07-96.07	GWT-71A	16100-69455

SIENTA

NCP81G/85G	1500	1NZFE	EFI	03.09-14.01	GWT-101A	16100-29156
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SOARER

GZ20	2000	1GGEU	EFI	86.01-88.01	GWT-70A	16100-79025
GZ20	2000	1GGTEU	TBO	86.01-88.01		16100-79065
GZ20	2000	1GEU	EFI	86.01-89.01	GWT-66A	16100-79015
GZ20	2000	1GGEU	TWC	88.01-91.04	GWT-70A	16100-79025
GZ20	2000	1GGTEU	TWT	88.01-91.04		16100-79065
GZ20	2000	1GFE	HTC	89.01-91.04	GWT-111A	16100-79117
JZZ30	2500	1JZGTE	TWT	91.05-00.12		16100-49856
JZZ30	2500	1JZGTE	TWT	91.05-00.12		16110-49135
JZZ30	2500	1JZGTE	TWT	91.05-99.08		16100-49847
JZZ30	2500	1JZGTE	TWT	91.05-99.08	GWT-120A	16110-49097
JZZ31	3000	2JZGE	EFI	94.01-00.12	GWT-120AH	16100-49838
JZZ31	3000	2JZGE	EFI	99.08-00.12	GWT-120A	16110-49097
MZ20/21	3000	7MGTEU	TBO	86.01-88.01	GWT-82A	16100-49805
MZ20/21	3000	7MGTEU	TBO	86.01-91.04	GWT-82A	16100-49776
UZZ30	4000	1UZFE	EFI	91.05-94.01	GWT-84A	16100-50023
UZZ31	4000	1UZFE	EFI	91.05-97.09	GWT-84A	16100-50023
UZZ32	4000	1UZFE	EFI	91.05-96.08	GWT-84A	16100-50023
UZZ40	4300	3UZFE	EFI	01.04-05.08		16100-59276

SPADE

NSP140	1300	1NRFE	EFI	12.07-14.01	GWT-149A	16100-80004
NCP141/145	1500	1NZFE	EFI	12.07-14.01		16100-29157

SPARKY

S221E/231E	1300	K3VE	EFI	00.09-03.03	GWT-139A	16100-97412
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STARLET

KP40/45	1000	2K		73.04-74.04	GWT-03A	16100-28026
KP40/45	1000	2K		74.04-75.11	GWT-09A	16100-29028
KP42/47	1200	3K		73.04-74.04	GWT-03A	16100-29026
KP42/47	1200	3K		74.04-75.11	GWT-09A	16100-29028
KP51	1200	3K		76.01-78.01	GWT-09A	16100-29028
KP62	1200	3K		78.10-82.01	GWT-30A	16100-19016
EP71	1300	2EELU	EFI	84.10-89.12	GWT-68A*	16100-19125
EP71	1300	2EELU	EFI	84.10-89.12	GWT-117AH	16100-19226
EP71	1300	2EELU	EFI	84.10-89.12	GWT-93A	16110-19106
EP71	1300	2ELU	GAS	84.10-89.12	GWT-68A*	16100-19135
EP71	1300	2ELU	GAS	84.10-89.12		16100-19195
EP71	1300	2ELU	GAS	84.10-89.12	GWT-93A	16110-19106
EP71	1300	2ETELU	TBO	86.01-89.12	GWT-68A*	16100-19125
EP71	1300	2ETELU	TBO	86.01-89.12	GWT-117AH	16100-19226
EP71	1300	2ETELU	TBO	86.01-89.12	GWT-93A	16110-19106
EP76V	1300	2ELJ	GAS	84.10-89.12	GWT-68A*	16100-19135
EP76V	1300	2ELJ	GAS	84.10-89.12		16100-19195
EP76V	1300	2ELJ	GAS	84.10-89.12	GWT-93A	16110-19106
EP82	1300	4EF	GAS	89.12-92.01	GWT-117AH	16100-19226
EP82	1300	4EF	GAS	89.12-92.01	GWT-93A	16110-19106
EP82	1300	4EFE	EFI	89.12-96.01	GWT-117AH	16100-19226

TOYOTA

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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STARLET

EP82	1300	4EFE	EFI	89.12-96.01	GWT-93A	16110-19106
EP82	1300	4EFTE	TBO	89.12-96.01	GWT-117AH	16100-19226
EP82	1300	4EFTE	TBO	89.12-96.01	GWT-93A	16110-19106
EP85	1300	4EF	GAS	90.08-92.01	GWT-117AH	16100-19226
EP85	1300	4EF	GAS	90.08-92.01	GWT-93A	16110-19106
EP85	1300	4EFE	EFI	92.01-96.01	GWT-117AH	16100-19226
EP85	1300	4EFE	EFI	92.01-96.01	GWT-93A	16110-19106
EP91	1300	4EFTE	TBO	96.01-99.07	GWT-117AH	16100-19226
EP91	1300	4EFTE	TBO	96.01-99.07	GWT-93A	16110-19106
EP91	1300	4EFTE	TBO	96.01-99.07	GWT-117A	16110-19107
EP91/95	1300	4EFE	EFI	96.01-99.07	GWT-117AH	16100-19226
EP91/95	1300	4EFE	EFI	96.01-99.07	GWT-93A	16110-19106
EP91/95	1300	4EFE	EFI	96.01-99.07	GWT-117A	16110-19107
KP61	1300	4K		78.02-83.07	GWT-30A	16100-19016
S221E/231E	1300	K3VE	EFI	00.09-03.03	GWT-139A	16100-B9440
NP70/76V	1500	1N	DIE	86.12-89.12	GWT-113A	16100-59235
NP80	1500	1N	DIE	89.12-95.09	GWT-113A	16100-59235
NP90	1500	1N	DIE	96.01-99.07	GWT-113A	16100-59235

STOUT

RK101	2000	5R		67.09-70.10	GWT-36A	16100-49105
RK101	2000	5R		70.10-79.02	GWT-14A	16100-49155
RK110	2000	5R		79.03-82.01		16100-49576

SUCCEED

NLP51V	1400	1NDTV	DIE	02.06-07.08	GWT-101A	16100-29156
NLP51V	1400	1NDTV	DIE	02.06-07.08	GWT-135A	16100-29196
NCP51V/55V/58G/59G	1500	1NZFE	EFI	02.06-14.01	GWT-101A	16100-29156

SUPRA

GA70	2000	1GEU	EFI	86.02-88.08	GWT-66A	16100-79015
GA70	2000	1GGEU	EFI	86.02-93.05	GWT-70A	16100-79025
GA70	2000	1GGTEU	TBO	86.02-93.05		16100-79065
GA70	2000	1GFE	EFI	88.08-90.08	GWT-111A	16100-79117
GA70H	2000	1GGTEU	TBO	89.08-93.05		16100-79065
JZA70	2500	1JZGTE	TBO	90.08-93.05		16090-49017
JZA70	2500	1JZGTE	TBO	90.08-93.05		16110-46011
JZA80	3000	2JZGE	TWC	93.05-02.08	GWT-120AH	16100-49838
JZA80	3000	2JZGTE	TWT	93.05-02.08		16100-49847
JZA80	3000	2JZGTE	TWT	93.05-02.08	GWT-120A	16110-49097
JZA80	3000	2JZGE	TWC	99.08-02.08	GWT-120A	16110-49097
MA70	3000	7MGTEU	TBO	86.02-88.08	GWT-82A	16100-49805
MA70	3000	7MGTEU	TBO	86.02-90.08	GWT-82A	16100-49776

TARCEL/CORSA

AL11	1300	2A		79.06-80.08	GWT-38A*	16100-19025
AL20	1300	2AU	GAS	82.05-89.10	GWT-78A*	16100-19086
AL20	1300	2AU	GAS	82.05-89.10	GWT-43A	16110-19036
EL30	1300	2E	GAS	86.05-90.09		16100-19195
EL30	1300	2E	GAS	86.05-90.09	GWT-93A	16110-19106
EL41/51	1300	4EFE	EFI	90.09-94.09	GWT-117AH	16100-19226
EL41/51	1300	4EFE	EFI	90.09-94.09	GWT-93A	16110-19106
EL51	1300	4EFE	EFI	94.09-99.07	GWT-117A	16110-19107
EL51	1300	4EFE	EFI	94.09-99.07	GWT-117AH	16100-19226
EL51	1300	4EFE	EFI	94.09-99.07	GWT-93A	16110-19106
AL10	1500	1A		78.08-79.06	GWT-38A*	16100-19025
AL12	1500	3A		79.06-78.08	GWT-38A*	16100-19025
AL21	1500	3AHU	GAS	82.05-84.08	GWT-78A*	16100-19086
AL21	1500	3AHU	GAS	82.05-84.08	GWT-43A	16110-19036
AL21	1500	3AU	GAS	82.05-89.10	GWT-78A*	16100-19086
AL21	1500	3AU	GAS	82.05-89.10	GWT-43A	16110-19036
AL21	1500	3ASU	GAS	84.08-86.05	GWT-78A*	16100-19086

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TARCEL/CORSA

AL21	1500	3ASU	GAS	84.08-86.05	GWT-43A	16110-19036
AL25	1500	3AU	GAS	84.08-89.10	GWT-78A*	16100-19086
AL25	1500	3AU	GAS	84.08-89.10	GWT-43A	16110-19036
AL25	1500	3ASU	GAS	86.05-89.10	GWT-78A*	16100-19086
AL25	1500	3ASU	GAS	86.05-89.10	GWT-43A	16110-19036
EL31	1500	3E	GAS	86.05-90.09		16100-19195
EL31	1500	3E	GAS	86.05-90.09	GWT-93A	16110-19106
EL31	1500	3ETE	TBO	86.09-88.05	GWT-93A	16110-19106
EL31	1500	3ETE	TBO	86.09-90.09	GWT-117AH	16100-19226
EL31	1500	3EE	EFI	88.05-90.09	GWT-117AH	16100-19226
EL43	1500	5EFHE	EFS	90.09-94.09	GWT-117AH	16100-19226
EL43	1500	5EFHE	EFS	90.09-94.09	GWT-93A	16110-19106
EL43/45/53/55	1500	5EFE	EFI	90.09-94.09	GWT-117AH	16100-19226
EL43/45/53/55	1500	5EFE	EFI	90.09-94.09	GWT-93A	16110-19106
EL53/55	1500	5EFE	EFI	94.09-99.07	GWT-117A	16110-19107
EL53/55	1500	5EFE	EFI	94.09-99.07	GWT-117AH	16100-19226
EL53/55	1500	5EFE	EFI	94.09-99.07	GWT-93A	16110-19106
NL30/40/50	1500	1NT	DTB	86.05-90.09	GWT-113A	16100-59235
NL40	1500	1NT	DTB	90.09-94.09	GWT-113A	16100-59235
NL50	1500	1NT	DTB	94.09-99.07	GWT-113A	16100-59235

TOURING HIACE

RCH41W/47W	2700	3RZFE	EFI	99.07-02.05	GWT-131A	16100-79445
RCH41W/47W	2700	3RZFE	EFI	99.07-02.05	GWT-153F	16210-75060
KCH40W/46W	3000	1KZTE	DTB	99.07-02.05	GWT-116AH	16100-69356
KCH40W/46W	3000	1KZTE	DTB	99.07-02.05	GWT-150A	16100-39485
KCH40W/46W	3000	1KZTE	DTB	99.07-02.05	GWT-116A	16110-69045

TOWNACE/MASTERACE

KR10	1200	3K		76.12-78.02	GWT-09A	16100-29028
KM50	1300	4K	GAS	86.10-90.08	GWT-60A	16100-19156
KR11	1300	4K		78.02-79.10	GWT-09A	16100-29028
KR12	1300	4K		79.10-82.10	GWT-60A	16100-19155
KR26V	1300	4KJ	GAS	82.11-90.08	GWT-60A	16100-19156
KM51	1500	5K	GAS	86.10-99.06	GWT-60A	16100-19156
KR27V	1500	5KJ	GAS	90.08-96.10	GWT-60A	16100-19156
KR41V	1500	5K	GAS	96.11-98.12	GWT-60A	16100-19156
S402M/402U	1500	3SZVE	EFI	08.01-14.01	GWT-139A	16100-B9440
S412M/4121U	1500	3SZVE	EFI	10.07-14.01	GWT-139A	16100-B9440
RR10/20	1600	12R		78.08-79.11	GWT-12A	16100-39116
RR11/21	1600	12R		79.11-82.10		16100-39285
TR10	1600	2T		76.10-79.10	GWT-01A	16100-25012
TR11	1600	12T		76.10-78.08	GWT-01A	16100-25012
TR11	1600	2T		79.10-82.10	GWT-31AF	16100-28010
TR11	1600	2T		79.10-82.10	GWT-31A	16110-28010
YR26V	1600	1YJ	GAS	82.11-88.08	GWT-114A	16100-79037
CM50	1800	1C	DIE	86.10-89.10	GWT-94A	16100-64H04
CR26V	1800	1C	DIE	82.11-88.08	GWT-94A	16100-64H04
KM70/75/80/85	1800	7KE	EFI	99.06-07.08	GWT-132A	16100-19276
KR42V	1800	7K	GAS	96.11-98.12	GWT-132A	16100-19276
KR42V	1800	7KE	EFI	98.12-07.08	GWT-132A	16100-19276
KR52V	1800	7KE	EFI	04.12-07.08	GWT-132A	16100-19276
TM20	1800	13T		78.08-82.10	GWT-31A	16110-28010
TM20,TR15	1800	13T		78.08-82.10	GWT-31AF	16100-28020
YM55/60	1800	2Y	GAS	86.10-99.06	GWT-114A	16100-79037
YM65	1800	2Y	GAS	90.08-99.06	GWT-114A	16100-79037
YR20G	1800	2YU	GAS	82.11-92.01	GWT-114A	16100-79037
YR25V	1800	2YJ	GAS	88.08-96.10	GWT-114A	16100-79037
YR28G	1800	2YU	GAS	85.08-92.01	GWT-114A	16100-79037
CM51/52/55/60/61/65	2000	2C	DIE	93.10-99.06	GWT-94A	16100-69435
CM51/55/60/65	2000	2C	DIE	86.10-93.10	GWT-94A	16100-64H04
CM51/55/60/65	2000	2C	DIE	87.08-99.06	GWT-94A	16100-64H06

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TOWNACE/MASTERACE

CM52/61	2000	2C	DIE	91.10-99.06	GWT-94A	16100-64H06
CR21G	2000	2CT	DTB	85.08-92.01	GWT-94A	16100-64H04
CR21G/28G	2000	2C	DIE	83.04-87.08	GWT-94A	16100-64H04
CR21G/28G/30G/37G	2000	2CT	DTB	88.08-93.09	GWT-94A	16100-64H06
CR27V	2000	2C	DIE	84.09-92.01	GWT-94A	16100-64H04
CR27V/36V	2000	2C	DIE	88.08-96.10	GWT-94A	16100-64H06
CR28G/37G	2000	2CT	DTB	87.08-92.01	GWT-94A	16100-64H04
CR30G	2000	2CT	DTB	85.10-92.01	GWT-94A	16100-64H04
CR36V	2000	2C	DIE	85.10-92.01	GWT-94A	16100-64H04
CR41V/51V	2000	2C	DIE	96.11-98.12	GWT-94A	16100-64H06
CR41V/51V	2000	2C	DIE	96.11-98.12	GWT-94A	16100-69435
SR40G/50G	2000	3SFE	EFI	96.10-01.11	GWT-77A*	16100-79186
SR40G/50G	2000	3SFE	EFI	96.10-01.11	GWT-77A	16110-79026
YR21G	2000	3YEU	EFI	83.05-96.10	GWT-114A	16100-79037
YR30G	2000	3YEU	EFI	85.10-96.10	GWT-114A	16100-79037
YR36G	2000	3YEU	EFI	86.08-92.01	GWT-114A	16100-79037
CM70/75/80/85	2200	3CE	DIE	99.06-04.08	GWT-94A	16100-69435
CR22G/29G/31G/38G	2200	3CT	DTB	93.09-96.10		16100-69377
CR40G/50G	2200	3CT	DTB	96.10-98.12	GWT-94A	16100-64H06
CR40G/50G	2200	3CT	DTB	96.10-98.12	GWT-94A	16100-69435
CR40G/50G	2200	3CTE	DTB	98.12-01.11	GWT-94A	16100-69435
CR42V/52V	2200	3CE	DIE	98.12-04.07	GWT-94A	16100-69435

TOYO ACE

RY10	1350	3P		71.09-79.02		16100-29035
RY10	1350	3P		71.09-79.02		16120-23010
PK41	1500	2R		67.05-70.09	GWT-25A	16100-39035
PK41	1500	2R		70.09-71.01	GWT-05A	16100-39115
PK42	1600	12R		71.02-71.08	GWT-25A	16100-39035
RY10/12/14	1600	12R		71.09-75.11	GWT-05A	16100-39115
RY10/12/14	1600	12R		75.11-79.02	GWT-12A	16100-39116
RY20	1600	12R		79.03-82.01	GWT-12A	16100-39116
YY50	1600	1Y	GAS	85.08-87.08	GWT-114A	16100-79037
YY51	1800	2Y	GAS	87.08-93.09	GWT-114A	16100-79037
LY161	2000	3YP	LPG	98.05-99.05	GWT-114A	16100-79037
LY162,YY211	2000	3YP	LPG	99.05-01.07	GWT-114A	16100-79037
RZY220/230	2000	1RZE	EFI	01.07-07.08	GWT-138A	16100-79455
TRY220/230	2000	1TRFE	EFI	03.05-12.01	GWT-131A	16100-79445
TRY231/281	2000	1TRFPE	LPG	07.12-12.01	GWT-131A	16100-79445
YU60	2000	3Y	GAS	85.08-95.05	GWT-114A	16100-79037
YU60,YY61	2000	3YP	LPG	85.08-95.05	GWT-114A	16100-79037
YU61D	2000	3Y	GAS	86.01-93.09	GWT-114A	16100-79037
YU80	2000	3YP	LPG	85.08-87.08	GWT-114A	16100-79037
YY101/121/131	2000	3Y	GAS	96.10-01.07	GWT-114A	16100-79037
YY201/211	2000	3Y	GAS	95.05-01.07	GWT-114A	16100-79037
YY52/61	2000	3Y	GAS	85.08-95.05	GWT-114A	16100-79037
LY50	2400	2L	DIE	88.08-95.05	GWT-79A	16100-59257
LY50/60	2400	2L	DIE	85.08-88.08	GWT-61A	16100-59139
KDY220/230/240V/270/280/290V	2500	2KDFTV	DTB	04.08-07.09	GWT-116AH	16100-69356
KDY220/230/240V/270/280/290V	2500	2KDFTV	DTB	04.08-07.09	GWT-150A	16100-39485
KDY220/230/240V/270/280/290V	2500	2KDFTV	DTB	04.08-07.09	GWT-116A	16110-69045
BU68DH	2700	27LPG	LPG	93.11-95.05	GWT-131A	16100-79445
BU68DH	2700	27LPG	LPG	93.11-95.05	GWT-153F	16210-75060
LY230/280	2700	3RZFPE	LPG	01.07-04.08	GWT-131A	16100-79445
LY230/280	2700	3RZFPE	LPG	01.07-04.08	GWT-153F	16210-75060
RZU100/100A	2700	3RZFE	EFI	95.05-00.07	GWT-131A	16100-79445
RZU100/100A	2700	3RZFE	EFI	95.05-00.07	GWT-153F	16210-75060
RZU140	2700	3RZFE	EFI	97.08-00.07	GWT-131A	16100-79445
RZU300	2700	3RZFPE	LPG	00.05-07.05	GWT-131A	16100-79445
RZU300/340	2700	3RZFE	EFI	00.05-07.05	GWT-131A	16100-79445
RZU301	2700	3RZFPE	LPG	03.06-07.05	GWT-131A	16100-79445
RZY231H/281H	2700	3RZFPE	LPG	03.05-07.12	GWT-131A	16100-79445

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MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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TOYO ACE

TRC600/600A,TRU600	2700	2TRFE	EFI	11.07-14.01	GWT-131A	16100-79445
TRU300/300A/340/500	2700	2TRFE	EFI	07.05-14.01	GWT-131A	16100-79445
RZU140	2700	3RZFE	EFI	97.08-00.07	GWT-153F	16210-75060
RZU300	2700	3RZFPE	LPG	00.05-07.05	GWT-153F	16210-75060
RZU300/340	2700	3RZFE	EFI	00.05-07.05	GWT-153F	16210-75060
RZU301	2700	3RZFPE	LPG	03.06-07.05	GWT-153F	16210-75060
RZY231H/281H	2700	3RZFPE	LPG	03.05-07.12	GWT-153F	16210-75060
TRC600/600A,TRU600	2700	2TRFE	EFI	11.07-14.01	GWT-153F	16210-75060
TRU300/300A/340/500	2700	2TRFE	EFI	07.05-14.01	GWT-153F	16210-75060
LY101/111/121/131/151/161	2800	3L	DIE	96.10-99.05	GWT-79A	16100-59257
LY201/211	2800	3L	DIE	95.05-99.05	GWT-79A	16100-59257
LY51/61	2800	3L	DIE	88.08-95.05	GWT-79A	16100-59257
BU60/80	3000	B	DIE	85.08-88.08	GWT-109A	16100-59076
BU60/83	3000	B	DIE	88.08-95.05		16100-59265
BU60VH	3000	B	DIE	86.01-95.05	GWD-13A	16100-59145
BU60VH	3000	B	DIE	86.01-95.05	GWT-110A	16100-59166
BU61/81	3000	11B	DIE	85.08-88.08	GWD-13A	16100-59145
BU61/84	3000	11B	DIE	88.08-95.05	GWT-110A	16100-59166
KDY221/231/241V/271/281	3000	1KDFTV	DTB	07.09-14.01	GWT-116AH	16100-69356
KDY221/231/241V/271/281	3000	1KDFTV	DTB	07.09-14.01	GWT-150A	16100-39485
KDY221/231/241V/271/281	3000	1KDFTV	DTB	07.09-14.01	GWT-116A	16110-69045
LY102/112/122/132/152	3000	5L	DIE	99.05-01.07	GWT-79A	16100-59257
LY162/202/212	3000	5L	DIE	99.05-01.07	GWT-79A	16100-59257
LY220/230/240V/270/280/290V	3000	5L	DIE	01.07-04.08	GWT-79A	16100-59257
BU100	3400	3B	DIE	95.05-99.06	GWT-110A	16100-59166
BU100A/140	3400	3B	DIE	95.05-99.05	GWT-110A	16100-59166
BU105/145	3400	3B	DIE	97.08-99.05	GWT-110A	16100-59166
BU62/62D/62H/64/64D	3400	13B	DIE	85.08-88.08	GWD-13A	16100-59145
BU68DH	3400	3B	DIE	89.10-95.05		16100-59265
BU77	3400	13B	DIE	85.10-87.08	GWD-13A	16100-59145
BU82/85/98	3400	13B	DIE	85.08-88.08	GWD-13A	16100-59145
BU85/90/95	3400	13BT	DTB	85.08-89.10	GWD-13A	16100-59145
BU93	3400	13B	DIE	86.03-88.08	GWD-13A	16100-59145
BU301	3700	4B	DIE	99.07-04.06		16100-59285
BU301A	3700	4B	DIE	99.07-02.06		16100-59285
BU306/306V/346	3700	4B	DIE	99.05-04.06		16100-59285
BU66/66D/66DH/66H/67/67D	3700	14B	DIE	88.08-95.05	GWT-110A	16100-59166
BU72/72D/72DH/72H	3700	14B	DIE	89.10-95.05	GWT-110A	16100-59166
BU73	3700	14B	DIE	91.09-95.05	GWT-110A	16100-59166
BU74/78	3700	14B	DIE	89.10-95.05	GWT-110A	16100-59166
BU87/88/91/94/96	3700	14B	DIE	88.08-95.05	GWT-110A	16100-59166
BU88/91/96	3700	14BT	DTB	89.10-95.05	GWT-110A	16100-59166
BU94	3700	14BT	DTB	90.08-95.05	GWT-110A	16100-59166
WU75D/90/95	4000	1W	DIE	85.08-95.05		16100-E0151
WU85	4000	1W	DIE	89.10-95.05		16100-E0151
WU93	4000	1W	DIE	91.09-95.05		16100-E0151
XKC605/645/655	4000	N04CUL	DIE	11.07-14.01		16100-E0780
XKC605/645/655	4000	N04CUL	DIE	11.07-14.01		G9040-37030
XKU600A/600/605/640/645	4000	N04CUL	DIE	11.07-14.01		16100-E0780
XKU600A/600/605/640/645	4000	N04CUL	DIE	11.07-14.01		G9040-37030
XKU650/655/700/710/720	4000	N04CUL	DIE	11.07-14.01		16100-E0780
XKU650/655/700/710/720	4000	N04CUL	DIE	11.07-14.01		G9040-37030
XZC600/605/605V	4000	N04CUM	DIE	11.07-14.01		16100-E0780
XZC600/605/605V/610D/630D	4000	N04CUN	DIE	11.07-14.01		16100-E0780
XZC645/655/675D/675/710	4000	N04CUN	DIE	11.07-14.01		16100-E0780
XZU600A/600D/600H/600/605	4000	N04CUN	DIE	11.07-14.01		16100-E0780
XZU600A/600H/600W/605	4000	N04CUP	DIE	11.07-14.01		16100-E0780
XZU605	4000	N04CUM	DIE	11.07-14.01		16100-E0780
XZU610D/620D/630D/640/645	4000	N04CUN	DIE	11.07-14.01		16100-E0780
XZU610D/620D/640/640W/650	4000	N04CUP	DIE	11.07-14.01		16100-E0780
XZU650/655/675D/675/685	4000	N04CUN	DIE	11.07-14.01		16100-E0780
XZU650W/655/675D/675/685	4000	N04CUP	DIE	11.07-14.01		16100-E0780

TOYOTA

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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TOYO ACE

XZU695/700/710/720	4000	N04CUN	DIE	11.07-14.01		16100-E0780
XZU695/700/710/720/775	4000	N04CUP	DIE	11.07-14.01		16100-E0780
XZU700A/700/710/720/730	4000	N04CUQ	DIE	11.07-14.01		16100-E0780
BU102/142/162	4100	15BF	DIE	95.05-99.06	GWT-110A	16100-59166
BU102A/102D/102H/112/112D	4100	15BF	DIE	95.05-99.05	GWT-110A	16100-59166
BU102A/102H	4100	15BFP	LPG	97.08-99.05	GWT-110A	16100-59166
BU107/112A/137/147	4100	15BF	DIE	96.10-99.05	GWT-110A	16100-59166
BU132/162A/162D/222	4100	15BF	DIE	95.05-99.05	GWT-110A	16100-59166
BU142	4100	15BFP	LPG	96.05-99.05	GWT-110A	16100-59166
BU162/182/212	4100	15BF	DIE	95.05-99.06	GWT-110A	16100-59166
BU172/202	4100	15BF	DIE	95.05-99.05	GWT-110A	16100-59166
BU212/222	4100	15BFT	DTB	95.05-99.05	GWT-110A	16100-59166
BU212K	4100	15BF	DIE	97.12-99.06	GWT-110A	16100-59166
BU400	4100	15BFTE	DTB	99.08-02.06		16100-59295
BU410/420/430	4100	15BFTE	DTB	99.08-04.06		16100-59295
BZU300/300A/340	4100	1BZFPE	LPG	03.06-14.01	GWT-110A	16100-59166
BZU300/300A/340/410	4100	1BZFNE	CNG	03.06-07.05	GWT-110A	16100-59166
BZU410	4100	1BZFPE	LPG	03.06-07.05	GWT-110A	16100-59166
BZU600/600A	4100	1BZFPE	LPG	11.07-14.01	GWT-110A	16100-59166
FB4JEAT	4100	15B	DIE	97.11-99.05	GWT-110A	16100-59166
FB4JEAT	4100	15B	LPG	97.11-99.05	GWT-110A	16100-59166
FB5BCAT/BEAT/BEAV	4100	15B	DIE	95.05-99.05	GWT-110A	16100-59166
FB5BGAT/BGAV	4100	15B	DIE	95.05-99.05	GWT-110A	16100-59166
RZU100A/100H	4100	15BFP	LPG	99.05-00.07	GWT-110A	16100-59166
XKU304A/308H/308/338	4100	N04CTN	DIE	06.10-14.01		16100-78112
XKU304H/344/414/424	4100	N04C	DIE	03.10-06.10		16100-78112
XKU344/348/414	4100	N04CTN	DIE	06.10-14.01		16100-78112
XKU424/424/508H/508	4100	N04CTN	DIE	06.10-14.01		16100-78112
XZU301A/301H/341	4100	15BLPG	LPG	00.05-04.06	GWT-110A	16100-59166
XZU301A/302	4100	15BCNG	CNG	00.10-04.06	GWT-110A	16100-59166
XZU302/342	4100	15BLPG	LPG	01.08-04.06	GWT-110A	16100-59166
XZU304A/304D/304H/304	4100	N04CTJ	DTB	06.10-14.01		16100-78112
XZU304A/304H/304/305A	4100	N04C	DIE	03.10-07.05		16100-78112
XZU304A/308/348/414	4100	N04CTM	DTB	07.05-14.01		16100-78112
XZU304H/304/308/314D/334	4100	N04CTK	DTB	06.10-14.01		16100-78112
XZU308/308V/314D/334/338	4100	N04C	DIE	04.06-07.05		16100-78112
XZU308/314D/324D/334	4100	N04CTJ	DTB	06.10-14.01		16100-78112
XZU308/338/348/504/508	4100	N04CTH	DTB	06.10-14.01		16100-78112
XZU338/344/348/354D/368D	4100	N04CTJ	DTB	06.10-14.01		16100-78112
XZU342	4100	15BCNG	CNG	01.08-04.06	GWT-110A	16100-59166
XZU344	4100	N04C	DIE	03.10-07.05		16100-78112
XZU348/354D/354H/368D/368	4100	N04C	DIE	04.06-07.05		16100-78112
XZU348/354D/354H/368D/368	4100	N04CTK	DTB	06.10-14.01		16100-78112
XZU368/378/388/404/414/424	4100	N04CTJ	DTB	06.10-14.01		16100-78112
XZU378/388	4100	N04C	DIE	04.06-07.05		16100-78112
XZU378/388/404A/404/414	4100	N04CTK	DTB	06.10-14.01		16100-78112
XZU404A/404/424	4100	N04C	DIE	04.06-06.10		16100-78112
XZU412	4100	15BCNG	CNG	00.11-03.06	GWT-110A	16100-59166
XZU412	4100	15BLPG	LPG	02.06-03.06	GWT-110A	16100-59166
XZU414	4100	N04C	DIE	03.10-07.05		16100-78112
XZU414/424/434	4100	N04CTL	DTB	06.10-14.01		16100-78112
XZU414/424/454/508/524D	4100	N04CUE	DTB	08.01-14.01		16100-78112
XZU415	4100	N04C	DIE	03.10-06.10		16100-78112
XZU424/488	4100	N04CTK	DTB	06.10-14.01		16100-78112
XZU454/504/508/508V/524D	4100	N04CTJ	DTB	06.10-08.01		16100-78112
XZU504/508/538	4100	N04CUD	DTB	08.01-14.01		16100-78112
XZU508V/538	4100	N04CTH	DTB	06.10-14.01		16100-78112
XZU538/548/554D	4100	N04CUE	DTB	08.01-14.01		16100-78112
XZU538/548/554D/568D/568	4100	N04CTJ	DTB	06.10-14.01		16100-78112
XZU302	4600	S05C	DIE	99.07-04.06		16100-78051
XZU302A/302D/302H/307	4600	S05C	DIE	99.05-04.06		16100-78030
XZU302A/302D/302H/307	4600	S05C	DIE	99.05-04.06		16100-78051

TOYOTA

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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TOYO ACE

XZU307V	4600	S05C	DIE	99.08-04.06		16100-78030
XZU307V	4600	S05C	DIE	99.08-04.06		16100-78051
XZU312D/322D/322/337	4600	S05C	DIE	99.05-04.06		16100-78030
XZU312D/322D/322/337	4600	S05C	DIE	99.05-04.06		16100-78051
XZU342	4600	S05C	DIE	00.05-04.06		16100-78030
XZU342	4600	S05C	DIE	00.05-04.06		16100-78051
XZU347/352D/402/412	4600	S05C	DIE	99.05-04.06		16100-78030
XZU347/352D/402/412	4600	S05C	DIE	99.05-04.06		16100-78051
XZU362A/362D/362/372/382	4600	S05C	DIE	99.07-04.06		16100-78042
XZU413/423/433	4700	J05D	DIE	04.06-06.10		16100-78090
XZU301	4900	S05D	DIE	00.05-04.06		16100-78030
XZU301	4900	S05D	DIE	00.05-07.05		16100-78051
XZU301A/301D/301H/306	4900	S05D	DIE	99.05-04.06		16100-78030
XZU301A/301D/301H/306	4900	S05D	DIE	99.05-07.05		16100-78051
XZU306V/336	4900	S05D	DIE	04.06-07.05		16100-78051
XZU311A	4900	S05D	DIE	99.05-02.06		16100-78030
XZU311A/321A	4900	S05D	DIE	99.05-02.06		16100-78051
XZU311D/321D/331/341/346	4900	S05D	DIE	99.05-04.06		16100-78030
XZU311D/321D/331/341/346	4900	S05D	DIE	99.05-07.05		16100-78051
XZU321A	4900	S05D	DIE	99.05-02.06		16100-78030
XZU351D	4900	S05D	DIE	99.05-07.05		16100-78051
XZU351D/401/411/421	4900	S05D	DIE	99.05-04.06		16100-78030
XZU371	4900	S05D	DIE	99.08-04.06		16100-78042
XZU401/411/421	4900	S05D	DIE	99.05-06.10		16100-78051
FB4JCAD/JEAT/JGAK/JGAT	5300	J05C	DIE	95.05-99.05		S1610-03475
FB4JEAT	5300	J05C	DIE	95.05-97.10	GWT-110A	16100-59166
XZU130A	5300	J05C	DIE	95.10-99.05		16100-89103
XZU140	5300	J05C	DIE	97.08-99.05		16100-89103
XZU300H/330/340/350H	5300	J05C	DIE	99.06-04.06		16100-78030
XZU300H/330/340/350H	5300	J05C	DIE	99.06-04.06		16100-78051
XZU320A	5300	J05C	DIE	99.06-02.06		16100-78030
XZU320A	5300	J05C	DIE	99.06-02.06		16100-78051
XZU400A/400/410/420/430	5300	J05C	DIE	99.05-04.06		16100-78030
XZU400A/400/410/420/430	5300	J05C	DIE	99.05-04.06		16100-78051
LY20/30	D2200	L		79.03-85.07	GWT-42A	16100-59127
JY16/30	D2500	2J		72.07-83.08		16100-49208

TRUCK BUS

FA100/110/115,FB100,PC100	3900	F		69.03-74.03		16100-60013
FA100/110/115,FC100	3900	F		74.04-75.01		16100-60130
FA101	4200	2F		75.01-80.02	GWT-19A	16100-61012
FA101	4200	2F		77.04-80.02	GWT-22A	16100-61041
DA120/125	D	2D		80.02-		16100-77070
DR110/115/116/118	D	2D		77.04-80.02		16100-77050
DA100	D5900	D		69.03-74.03		16100-76014
DR10/11/15/110/115/116	D6500	2D		73.10-77.03		16100-76014

VANGUARD

ACA33W	2400	2AZFE	EFI	07.08-14.01	GWT-119A	16100-28041
ACA38W	2400	2AZFE	EFI	08.08-14.01	GWT-119A	16100-28041
GSA33W	3500	2GRFE	EFI	07.08-14.01		16100-39456

VELLFIRE

ANH20W/25W	2400	2AZFE	EFI	08.04-14.01		16100-0H050
ANH20W/25W	2400	2AZFE	EFI	08.04-14.01	GWT-119A	16100-28041
ATH20W	2400	2AZFXE	EFI	11.10-14.01	GWT-119A	16100-28041
ATH20W	2400	2AZFXE	EFI	11.10-14.01		G9040-28010
GGH20W/25W	3500	2GRFE	EFI	08.04-14.01		16100-39456

VEROSSA

GX110/115	2000	1GFEE	EFI	01.06-04.04	GWT-111A	16100-79285
JZX110	2500	1JZFSE	D4	01.06-04.04	GWT-118AH	16100-80009

TOYOTA

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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VEROSSA

JZX110	2500	1JZFSE	D4	01.06-04.04		16102-46073
JZX110	2500	1JZFSE	D4	01.06-04.04	GWT-118A	16110-49148
JZX110	2500	1JZGTE	TBO	01.06-04.04		16100-49856
JZX110	2500	1JZGTE	TBO	01.06-04.04		16110-49135
JZX110	2500	1JZGTE	TBO	01.06-04.04		16120-88400

VITZ

KSP130	1000	1KRFE	EFI	10.12-14.01	GWT-142A	16100-80007
KSP90	1000	1KRFE	EFI	05.01-10.12	GWT-142A	16100-80007
SCP10	1000	1SZFE	EFI	99.01-05.01	GWT-136A	16100-29117
NCP10	1300	2NZFE	EFI	99.09-05.01	GWT-101A	16100-29156
NCP15	1300	2NZFE	EFI	99.08-05.01	GWT-101A	16100-29156
NCP95	1300	2NZFE	EFI	05.01-10.12	GWT-101A	16100-29156
NSP130/135	1300	1NRFE	EFI	10.12-14.01	GWT-149A	16100-80004
SCP13	1300	2SZFE	EFI	02.12-05.01	GWT-136A	16100-29117
SCP90	1300	2SZFE	EFI	05.01-10.12	GWT-136A	16100-29117
NCP13	1500	1NZFE	EFI	00.10-05.01	GWT-101A	16100-29156
NCP131	1500	1NZFE	EFI	10.12-14.01	GWT-101A	16100-29156
NCP91	1500	1NZFE	EFI	05.01-10.12	GWT-101A	16100-29156

VOLTZ

ZZE136	1800	1ZZFE	EFI	02.05-04.02	GWT-98A	16100-09170
ZZE137	1800	2ZZGE	EFI	02.05-04.02	GWT-124A	16100-29146
ZZE138	1800	1ZZFE	EFI	02.05-04.02	GWT-133A	16100-29415

VOXY

AZR60G/65G	2000	1AZFSE	D4	01.11-07.06	GWT-119A	16100-28041
ZRR70G/75G	2000	3ZRFAE	EFI	10.04-12.01	GWT-144A	16100-39466
ZRR70G/75G/70W/75W	2000	3ZRFE	EFI	07.06-10.04	GWT-144A	16100-39466
ZRR70W/75W	2000	3ZRFAE	EFI	07.06-14.01	GWT-144A	16100-39466

WILL CYPHA

NCP70	1300	2NZFE	EFI	02.09-05.07	GWT-101A	16100-29156
NCP75	1500	1NZFE	EFI	02.09-05.07	GWT-101A	16100-29156

WILL VI

NCP19	1300	2NZFE	EFI	00.01-01.12	GWT-101A	16100-29156
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WILL VS

NZE127	1500	1NZFE	EFI	02.01-04.04	GWT-101A	16100-29156
ZZE127/129	1800	1ZZFE	EFI	01.04-04.04	GWT-133A	16100-29415
ZZE128	1800	2ZZGE	EFI	01.04-04.04	GWT-124A	16100-29146

WINDOM

MCV21	2500	2MZFE	EFI	96.08-01.07	GWT-92A	16100-29085
VCV11	2500	4VZFE	EFI	93.08-96.08	GWT-71A	16100-69455
MCV20	3000	1MZFE	EFI	96.08-01.07	GWT-92A	16100-29085
MCV30	3000	1MZFE	EFI	01.07-06.02	GWT-92A	16100-29085
VCV10	3000	3VZFE	EFI	91.10-96.08	GWT-71A	16100-69455

WISH

ZGE20G/25G/20W/25W	1800	2ZRFAE	EFI	09.03-14.01	GWT-144A	16100-39466
ZNE10G/14G	1800	1ZZFE	EFI	03.01-09.03	GWT-133A	16100-29415
ANE10G/11W	2000	1AZFSE	D4	03.04-09.03	GWT-119A	16100-28041
ZGE21G/22W	2000	3ZRFAE	EFI	09.03-14.01	GWT-144A	16100-39466

TOYOTA

MODEL	C.C.	ENGINE	REMARK	YEAR	GMB NO.	OEM NO.
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EXPORT MODEL

GWT-23A (16110-38031) 78-80 2200cc 20R CELICA,CORONA,HILUX MARK(USA)
 GWT-32A (16110-38022) 75-77 2200cc 20R CORONA,CELICA,HILUX (USA)
 GWT-34A (16110-38020) 74-75 2200cc 20R CORONA,CELICA,HILUX (USA)
 GWT-51A (16100-19067) 80-82 1500cc 3AC TARCEL(CARIFORNIA)
 GWT-64A (16100-39346) 93-95 2400cc 22R CELICA, 4 RUNNER (USA)
 GWT-76A (16100-45151) FORK LIFT (USA)
 GWT-80A (16100-69215) 88-91 3000cc 3VZE HILUX, 4RUNNER (USA)

VOLKSWAGEN

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
VOLKSWAGEN/AUDI				
(1300)GLS DERBY	73-79		GWVW-09AH	026-121-010A
(1300)PASSAT	-		GWVW-09AH	026-121-010A
(1500)GOLF	-		GWVW-09AH	026-121-010A
(1600)DIESEL GOLF	-		GWVW-09AH	026-121-010A
(1600)PASSAT	-		GWVW-09AH	026-121-010A
50	74-78			052-121-005A
80	78-81	1.3L CH -81E088001A		052-121-005A
	81-87	CH 81E088001A-	GWVW-07A	026-121-005A
	73-75	1.5L	GWVW-09A	068-121-005B
	73-81	1.6L CH -81B149000	GWVW-09A	068-121-005B
	81-87	CH 81B149000-	GWVW-07A	026-121-005A
	80-91	1.6L(D) inc.TURBO	GWVW-07A	068-121-005A
	93-91	1.8L	GWVW-07A	026-121-005A
	89-94	1.9L(D) TURBO	GWVW-07A	026-121-005A
	81-83	1.9L		035-121-005E
	83-84	2.0L(5CYL)		035-121-005E
	90-94	2.0L(4CYL) inc.16V & QUATTRO	GWVW-07A	026-121-005C
	83-85	2.2L(5CYL)		035-121-005E
	93-94	2.2L(8C,B4) S2 quattro	GWVW-21A	054-121-004N
	91-94	2.3L(8C,B4) 2.3E	GWVW-21A	054-121-004N
	93-95	2.2L Avant(8C,B4) S2	GWVW-21A	054-121-004N
	91-96	2.3LAvant(8C,B4)	GWVW-21A	054-121-004N
90	82-89	1.6L(D) TURBO	GWVW-07A	026-121-005A
	89-94	1.8L(D) TURBO	GWVW-07A	026-121-005C
	84-88	1.9L 2.1L 2.2L(5CYL) inc.QUATTRO CH -89J394742		035-121-005E
	88-94	2.0L 2.2L 2.3L(5CYL) inc.20V & QUATTRO CH 89J394743-		034-121-005D
100	76-81	1.6L CH -43B070000	GWVW-09A	068-121-005B
	81-82	1.6L CH 43B070001-	GWVW-07A	068-121-005A
	82-88	1.8L	GWVW-07A	026-121-005A
	69-76	1.9L 058 OHV	GWVW-08A	059-121-011F
	80-84	1.9L(5CYL)		035-121-005E
	76-78	2.0L(4CYL)	GWVW-04A	048-121-011
	78-89	2.0L(D)inc.TURBO AVANT	GWVW-06A	069-121-004
	90-94			046-121-004X
	84-88	2.0L(5CYL)inc.AVANT CH -44J246281		035-121-005E
	88-91	CH 44J246282-		034-121-005D
	77-84	2.1L(5CYL)inc.AVANT		035-121-005E
	77-88	2.2L(5CYL)CH -44J246281		035-121-005E
	88-94	2.2L 2.3L(5CYL)inc.20V ANANT QUATTRO CH 44J246282-		034-121-005D
	78-89	2.0L(5CYL)TURBO inc.AVANT	GWVW-06A	069-121-004
	90-94	2.4L(D)inc.TURBO AVANT		046-121-004X
	91-94	(4A,C4) 2.2L S4	GWVW-21A	054-121-004N
	90-94	(4A,C4) 2.3E	GWVW-21A	054-121-004N
	91-94	Avant(4A,C4) 2.2L S4	GWVW-21A	054-121-004N
	91-94	Avant(4A,C4) 2.3E	GWVW-21A	054-121-004N
200	76-80	2.0L(4CYL)	GWVW-04A	048-121-011
	79-87	2.1L(4CYL)		035-121-005E
	79-88	2.2L(5CYL)inc.TURBO & QUATTRO		035-121-005E
	88-91	2.3L inc. TURBO & QUATTRO		034-121-005D

VOLKSWAGEN

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
VOLKSWAGEN/AUDI				
A6	94-95	(4A,C4) 2.3 quattro	GWVW-21A	054-121-004N
	94-97	(4A,C4) 2.2 S6	GWVW-21A	054-121-004N
	94-95	Avant(4A,C4) 2.3	GWVW-21A	054-121-004N
	94-97	Avant(4A,C4) 2.2 S6	GWVW-21A	054-121-004N
BORA	98-05	(1J2) 1.9	GWVW-18A	038-121-011
	99-05	Estate (1J6) 1.9	GWVW-18A	038-121-011
	99.03-05.05	AQP,AUE,BDE 2.8L V6 4motion	GWVW-15A	021-121-004
CADDY	95-04	II Estate(9K9B) 1.4	GWVW-20A	030-121-005N
	97-00	II Estate(9K9B) 1.6	GWVW-20A	030-121-005N
	95-04	II Box(9K9A) 1.4	GWVW-20A	030-121-005N
	95-00	II Box(9K9A) 1.6	GWVW-20A	030-121-005N
	95-00	II pickup(9U7) 1.6	GWVW-20A	030-121-005N
	95-04	II Estate(9K9B) 1.9 SDI	GWVW-18A	030-121-011
	96-04	II Estate(9K9B) 1.9 TDI	GWVW-18A	030-121-011
	95-04	II Box(9K9A) 1.9 SDI	GWVW-18A	030-121-011
	05-10	III Estate 1.9TDI	GWVW-22A	045-121-011B
	07-10	III Estate 2.0TDI	GWVW-22A	045-121-011B
	05-10	III Box 1.9 TDI	GWVW-22A	045-121-011B
	07-10	III Box 2.0 TDI	GWVW-22A	045-121-011B
CABRIOLET	91-94	(8G7,B4) 2.3E	GWVW-22A	045-121-011B
CORRADO	91.08-95.12	ABV 2.9L VR6	GWVW-15A	021-121-004A
COUPE	80-88	1.6L 1.8L(4CYL)	GWVW-07A	068-121-005A
	80-88	1.9L 2.0L 2.2L(5CYL)inc.QUATTRO		035-121-005E
	90-94	2.0L(5CYL)		034-121-005D
	77-84	2.1L(5CYL)		035-121-005E
	88-94	2.3L(5CYL)inc.QUATTRO		034-121-005D
	90-92	(89,8B) S2	GWVW-21A	054-121-004
	88-96	(89,8B) 2.3	GWVW-21A	054-121-004
EOS	06.03-	BWA,CAWB,CCZA 2.0L TFSI	GWVW-17A	06A-121-011
FOX	05-	(5Z1,5Z3) 1.4	GWVW-20A	030-121-005N
GOLF	91-97	III (1H1) 1.4 Hatchback	GWVW-20A	030-121-005N
	92-97	III (1H1) 1.4 Hatchback	GWVW-20A	030-121-005N
	93-99	III Variant(1h5)1.4	GWVW-20A	030-121-005N
	92.01-97.08	III AAA 2.8L VR6	GWVW-15A	021-121-004AX
	97-05	IV (1J1) 1.9 Hatchback	GWVW-18A	038-121-011
	99-06	IV (1J5) 1.9 Variant	GWVW-18A	038-121-011
	98-02	IV Cabriolet(1E7) 1.9	GWVW-18A	038-121-011
	99.03-05.06	IVAQP,AUE,BDE 2.8L V6 4motion	GWVW-15A	021-121-004V
	07-	V Variant(1K5) 1.9	GWVW-22A	045-121-011B
	04.10-	V AXX,BWA,CAWB 2.0L GTI	GWVW-17A	06F-121-011
	07.06-	V BWA,CAWB 2.0L	GWVW-17A	06A-121-011R
JETTA III	05.10-10.10	BPY,BWA,CAWB,CBFA,CCTA,CCZA 2.0L TFSI	GWVW-17A	06F-121-011R
LT 28-35	79-96	I Box(281-363) 2.4	GWVW-19A	074-121-004
	96-06	II Bus(2DB,2DE,2DK) 2.5 SDI	GWVW-19A	074-121-004
LUPO	99-05	(6X1,6E1) 1.2	GWVW-22A	045-121-011B
	99-05	(6X1,6E1) 1.4	GWVW-22A	045-121-011B
MULTIVAN	06-09	(7HM,7HN,7HF,7EF,7EM,7EN) 1.9	GWVW-22A	045-121-011B
NEW BEETLE	98-04	(9C1,1C1) 1.9	GWVW-18A	038-121-011

VOLKSWAGEN

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
VOLKSWAGEN/AUDI				
NEW SANTANA PASSAT,RABBIT SCIROCOCO	81-		GWVW-07AH	026-121-010C
PASSAT	91.06-96.08	AAA 2.8L VR6	GWVW-15A	021-121-004X
	96.08-00.11	ACK,APR 2.8L V6	GWVW-16A	078-121-004HV/HX
	97-00	1.8L	GWVW-16A	078-121-004H
	00.11-05.05	AMX,ATQ 2.8L 4motion	GWVW-16A	078-121-004J/JV
	00-05	2.5TDI 4motion	GWVW-16A	078-121-004JX
	03-05	2.5TDI	GWVW-16A	078-121-004Q/QX
	05.07-	AXX,BPY,BWA,CAWB,CBFA,CCTA,CCZA 2.0L FSI	GWVW-17A	06A-121-011
POLO	94-96	(6N1) 45 1.0	GWVW-20A	030-121-005N
	94-95	(6N1) 55 1.3	GWVW-20A	030-121-005N
	95-99	(6N1) 55/60 1.4	GWVW-20A	030-121-005N
	94-99	(6N1) 75 1.6	GWVW-20A	030-121-005N
	98-99	Box(6N1) 1.4	GWVW-20A	030-121-005N
	95-01	CLASSIC(6KV2) 1.4	GWVW-20A	030-121-005N
	95-01	CLASSIC(6KV2) 1.6	GWVW-20A	030-121-005N
	97-01	Variant(6KV5) 1.4	GWVW-20A	030-121-005N
	97-01	Variant(6KV5) 1.6	GWVW-20A	030-121-005N
	99-01	(6N2) 1.4	GWVW-20A	030-121-005N
	02-	Saloon(9A4) 1.6	GWVW-20A	030-121-005N
	99-01	(6N2) 1.4 TDI	GWVW-22A	045-121-011B
	01-05	(9N_) 1.4 TDI	GWVW-22A	045-121-011B
	01-09	(9N_) 1.9 TDI	GWVW-22A	045-121-011B
	03-	Saloon(9A4) 1.4 TDI	GWVW-22A	045-121-011B
	99-02	CLASSIC(6KV2) 68 1.9 SDI	GWVW-18A	038-121-011
	99-01	Variant(6KV5) 1.9 SDI	GWVW-18A	038-121-011
QUATTRO	80-88	2.1L TURBO		035-121-005E
	88-91	2.2L(5CYL)TURBO		034-121-005D
SHARAN	05-10	(7M8,7M9,7M6) 1.9 TDI	GWVW-22A	045-121-011B
	05-10	(7M8,7M9,7M6) 2.0 TDI	GWVW-22A	045-121-011B
	95.09-00.04	AAA,AMY 2.8L VR6	GWVW-15A	021-121-004
TANSPORTER	06-09	V Bus (7HB,7HJ,7EB,7EJ,7EF) 1.9TDI	GWVW-22A	045-121-011B
	06-09	V Box (7HA,7HH,7EA,7EH) 1.9TDI	GWVW-22A	045-121-011B
	06-09	V Platform/Chassis (7DJ,7JE,7JL,7JY) 1.9TDI	GWVW-22A	045-121-011B
	90-03	IVBus(70XB,70XC,7DB,7DW) 2.5	GWVW-19A	074-121-004
	92-03	IVBus(70XB,70XC,7DB,7DW) 2.4D	GWVW-19A	074-121-004
	95-03	IVBus(70XB,70XC,7DB,7DW) 2.5TDI	GWVW-19A	074-121-004
	90-03	IVBox(70XA) 2.5	GWVW-19A	074-121-004
	90-03	IVBox(70XA) 2.4D	GWVW-19A	074-121-004
	95-03	IVBox(70XA) 2.5TDI	GWVW-19A	074-121-004
	90-03	IVPlatform/Chassis(70XD) 2.5	GWVW-19A	074-121-004
	90-03	IVPlatform/Chassis(70XD) 2.4D	GWVW-19A	074-121-004
	95-03	IVPlatform/Chassis(70XD) 2.5 TDI	GWVW-19A	074-121-004
	95.11-00.04	IVAES 2.8L VR6	GWVW-15A	021-121-019A
VENTO	91-98	(1H2) 1.4	GWVW-20A	030-121-005N
	92.01-98.09	AAA 2.8L VR6	GWVW-15A	021-121-019B

VOLVO

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
VOLVO				
66	75-78	1.1	GWVO-02A	260787
110	61-68	1.8	GWVO-01A	418327
120	61-68	1.8 B18 ENG	GWVO-01A	418327
130	67-70	1.8 2.0 B18/B20 ENG	GWVO-01A	418327
142	66-75	1.8 2.0 B18A/B/D B20A/D/E ENG	GWVO-01A	418327
	70-75	2.0 B20B ENG CH 178960-	GWVO-01A	418327
144	66-75	1.8 2.0 B18A/B/D B20A/D/E ENG	GWVO-01A	418327
	70-75	2.0 B20 ENG CH 194140-	GWVO-01A	418327
145	66-75	1.8 2.0 B18A/B/D B20A/D/E ENG	GWVO-01A	418327
	70-75	2.0 B20 ENG CH 61600-	GWVO-01A	418327
220	61-68	1.8 B18 ENG	GWVO-01A	418327
240	74-85	1.8 B17 ENG	GWVO-03A	463425
	74-85	2.0 EXC TURBO B19A/E ENG	GWVO-03A	463425
	85-94	2.0 B19 ENG	GWVO-04A	271275-0
	82-85	2.0 B19ET ENG	GWVO-06A	1257185-7
	78-80	2.0(D) D20 ENG	GWVO-06A	1257185-7
	74-85	2.1 EXC TURBO B21A/E/F ENG	GWVO-03A	463425
	81-85	2.1 TURBO B21ET ENG	GWVO-06A	1257185-7
	79-85	2.3 B23A/E/F ENG	GWVO-03A	463425
	85-94	2.3 B23E/F ENG	GWVO-04A	270681-0
	79-90	2.4 D24 ENG	GWVO-06A	1257185-7
260	80-85	2.8 V6		1218158-2
340	76-82	1.4 B14 ENG CH -609999	GWVO-02A	3267439
	82-91	1.4 B14 ENG CH 910000-		3287335
	85-91	1.7 B17 ENG		3343093-5
360	82-83	2.0 B19A ENG CH -810500	GWVO-03A	463425-9
	83-84	2.0 B19E ENG CH 810501-		3283043-2
	84-91	2.0 B20 ENG		1336029-2
440	89-94	1.6 1.7 1.8 TURBO B16/17/18 ENG		3343093-5
	-		GWR-12A	3344827-5
460	91-94	1.7 1.8 TURBO B17/18 ENG		3343093-5
	-		GWR-12A	3344827-5
480	86-94	1.7 inc. TURBO		3343093-5
	-		GWR-12A	3344827-5
740	83-85	2.0 B21 ENG	GWVO-03A	270681-1
	83-84	2.3 B23 ENG	GWVO-03A	270681-1
	83-90	2.4(D) D24 ENG inc. TURBO	GWVO-06A	1257185-7
760	83-85	2.3 TURBO B23ET ENG	GWVO-03A	275619
	85-90	2.3 B23ET ENG	GWVO-04A	271275-0
	83-90	2.4(D) D24 ENG inc. TURBO	GWVO-06A	1257185-7
	83-90	2.8 B28E(V6) ENG	GWVO-05A	1269299-2
780	86-91	2.4(D) TURBO D24 ENG	GWVO-06A	1257185-7
	86-90	2.8 2.9L B28/280/290(V) 6 ENG	GWVO-05A	1269299-2

VOLVO

CAR NAME	YEAR	MODEL / ENGINE / REMARK	GMB NO.	OEM NO.
VOLVO				
850	91-	2.0 2.3 2.5	GWVO-07A	271647-0
940	90-94	2.0 inc.TURBO B200 ENG	GWVO-04A	271275-0
	90-94	2.3 inc.TURBO B230ET ENG	GWVO-04A	271275-0
	90-94	2.4(D) TURBO D24 ENG	GWVO-06A	1257185-7
960	94-	2.5	GWVO-07A	271647-0
	90-	3.0	GWVO-07A	271647-0

CROSS REFERENCE
COMPETITIVE REFERENCE
WEIGHT & PACKING LIST
INDIVIDUAL BOX SIZES
MEASUREMENT OF EXPORT PACKING

OVERSEAS MODEL

DAIHATSU	
Japanese car's name	Overseas car's name
ZEBRA	PERODUA RUSA
TERIOS	PERODUA KEMBARA
BEGO	TERIOS
BEGO	PERODUA NAUTICA
BOON	PERODUA MYVI
BOON LUMINAS	PERODUA ALZA
MIRA	PERODUA KANCIL
MIRA	PERODUA CERIA
MIRA	PERODUA KELISA
MIRA	PERODUA VIVA
MOVE	PERODUA KENARI

HONDA	
Japanese car's name	Overseas car's name
CIVIC	BALLADE
CIVIC FERIO	CITY
FIT	JAZZ
FIT ARIA	CITY
LEGEND	ACURA/RL

ISUZU	
Japanese car's name	Overseas car's name
WIZARD	HONDA PASSPORT MU
GEMINI	STYLUS
PIAZZA	IMPULSE
BIG HORN	RODEO BIG HORN
BIG HORN	TROOPER
BIG HORN	HOLDEN JACKAROO
BIG HORN	CHEVROLET TROOPER
BIG HORN	HOLDEN MONTEREY
FASTER	HOLDEN RODEO

NISSAN	
Japanese car's name	Overseas car's name
SUNNY	SENTRA
SUNNY (B13)	TSURU
SAFARI	PATROL
SILVIA (S15)	200SX
CEFIRO	MAXIMA
CEFIRO (A33)	MAXIMA
TEANA	CEFIRO
TIDA	LATIO
TINO	ALMERA
DUALIS	QASHQAI
TERRANO	PATHFINDER
FAIRLADY Z	350Z
BLUEBIRD (U13)	ALTIMA
BLUEBIRD SYLPHY	SUNNY NEO
BLUEBIRD SYLPHY	SYLPHY
BLUEBIRD SYLPHY	SENTRA
MARCH	MICRA

SUBARU	
Japanese car's name	Overseas car's name
LEGACY	LIBERTY

SUZUKI	
Japanese car's name	Overseas car's name
MR WAGON	ZEN ESTILO
MR WAGON	KARIMUN ESTILO
ESCUDO	SIDEKICK
ESCUDO	VITARA
ESCUDO	GRAND VITARA
EVERY	DAMAS
CULTUS	SWIFT
JIMMNY	CARIBIAN
JIMMNY	JIMMNY SIERRA
SPLASH	OPEL AGILA
CERVO MODE	ZEN

MAZDA	
Japanese car's name	Overseas car's name
AXELA	MAZDA3
AXELA	MAZDA6
AZ-3	EUNOS30X
CAPELLA	MAZDA626
CRONOS	MAZDA626
SENTIA	MAZDA929
DEMIO	MAZDA2
TRIBUTE	ESCAPE
FAMILIA	MAZDA323
FAMILIA	PROTÉGÉ
FAMILIA	MAZDA323
FAMILIA	LASER
FAMILIA ASTINA	MAZDA323F
FESTIVA	MAZDA121
PREMASY	MAZDA5
BONGO BRAWNY	KIA BESTA
EUNOS500	MAZDA XEDOS6
EUNOS500	MAZDA XEDOS9
LANTIS	MAZDA323 ASTINA
LUCE	MAZDA929

MITSUBISHI	
Japanese car's name	Overseas car's name
RVR	SPACE RUNNER
AIRTREK	OUTLANDER
GALANT FORTIS	LANCER
CHARIOT GRANDIS	SAVRIN
CHALLENGER	MONTERO
PAJERO	MONTERO
PAJERO IO	MONTERO IO
PROUDIA	CENTENNIAL
MIRAGE	COLT

TOYOTA	
Japanese car's name	Overseas car's name
ARISTO	LEXUS GS
ALTEZZA	LEXUS IS
IPSAM	PICNIC
IPSAM	AVENSIS
VITZ	YARIS
WINDOM	LEXUS ES
ESTIM	BREVIS
ESTIM	TARAGO
CAMRY	HOLDEN APOLLO
COROLLA	HOLDEN NOVA
COROLLA	CHEVROLET PRIZM
COROLLA FX	TAZZ
COROLLA FX	CARRI
KLUGER	HIGHLANDER
CELSIOR	LEXUS LS
SOARER	LEXUS SC
TARCEL	SOLUNA
HILUX	HILUX HERO
HILUX SURF	4RUNNER
FUNCARGO	YARIS VERSO
PLATZ	ECHO
BELTA	VIOS
MARK II	CRESSIDA
LAND CRUISER PRADO	LEXUS GX
LAND CRUISER	LEXUS LX
HIACE	QUANTUM

CROSS REFERENCE

OEM → GMB		OEM → GMB		OEM → GMB	
<u>AMERICAN MOTORS</u>		<u>BMW</u>		<u>BMW</u>	
3227694	GWAM-04A	0393338	GWBM-11A	1151-1730-414	GWBM-09A
3234427	GWAM-04A	1715292	GWBM-10A	1151-1734-595	GWBM-11A
4626054	GWAM-09A	1721337	GWBM-10A	1151-1734-602	GWBM-11A
4626215	GWAM-08A	1721872	GWBM-11A	1151-1740-241	GWBM-09A
4637500	GWAM-06A	1727468	GWBM-11A	1151-1744-241	GWBM-09A
4797143	GWAM-06A	1734595	GWBM-11A	1151-1744-243	GWBM-09A
8122306	GWAM-04A	1734602	GWBM-11A	1151-7503-884	GWBM-09A
8125131	GWAM-04A	9070763	GWBM-10A	1151-7504-040	GWBM-09A
8125501	GWAM-01A	1151-0393-338	GWBM-11A	1151-7527-799	GWBM-09A
8126772	GWAM-01A	1151-0686-001	GWBM-07A	1151-7527-910	GWBM-09A
8129459	GWAM-01A	1151-0686-901	GWBM-07A	1151-7546-994	GWBM-09A
8130749	GWAM-03A	1151-0786-800	GWBM-05A	1151-9056-401	GWBM-07A
8133033	GWAM-03A	1151-1251-230	GWBM-05A	1151-9058-996	GWBM-04A
8133034	GWAM-05A	1151-1253-143	GWBM-05A	1151-9070-761	GWBM-06A
8134320	GWAM-03A	1151-1256-600	GWBM-07A	1151-9070-762	GWBM-10A
8134321	GWAM-05A	1151-1258-147	GWBM-01A	1151-9070-763	GWBM-10A
53010417	GWAM-10A	1151-1258-701	GWBM-01A		
83502938	GWAM-06A	1151-1258-932	GWBM-01A	<u>BRITISH LEYLAND</u>	
83502957	GWAM-07A	1151-1258-933	GWBM-01A	530477	GWBL-03A
83503407	GWAM-08A	1151-1259-660	GWBM-01A	38402022	GWBL-01A
4626054AE	GWAM-09A	1151-1263-934	GWBM-05A	38402023	GWBL-01A
4626215AD	GWAM-08A	1151-1266-096	GWBM-05A	38402024	GWBL-01A
4626215AE	GWAM-08A	1151-1267-187	GWBM-03A	12A1332	GWBL-01A
5012366AA	GWAM-10A	1151-1267-583	GWBM-03A	12A1690	GWBL-01A
5012366AB	GWAM-10A	1151-1271-435	GWBM-04A	12G120	GWBL-01A
5012366AC	GWAM-10A	1151-1271-436	GWBM-06A	12G1284	GWBL-01A
5012366AD	GWAM-10A	1151-1272-613	GWBM-06A	12G1771	GWBL-01A
J3227694	GWAM-04A	1151-1272-616	GWBM-04A	2A774	GWBL-01A
J3234427	GWAM-04A	1151-1274-583	GWBM-02A	2A775	GWBL-01A
J8122306	GWAM-04A	1151-1274-584	GWBM-02A	FWP492	GWBL-18A
J8125131	GWAM-04A	1151-1284-694	GWBM-06A	GWP101	GWBL-01A
J8125501	GWAM-01A	1151-1286-355	GWBM-02A	GWP102	GWBL-01A
J8126772	GWAM-01A	1151-1286-358	GWBM-02A	GWP117	GWBL-05A
J8129459	GWAM-01A	1151-1286-417	GWBM-06A	GWP123	GWBL-05A
J8130749	GWAM-03A	1151-1433-712	GWBM-09A	GWP129	GWBL-10A
J8133033	GWAM-03A	1151-1433-828	GWBM-09A	GWP130	GWBL-05A
J8133034	GWAM-05A	1151-1437-648	GWBM-09A	GWP132	GWBL-01A
J8134320	GWAM-03A	1151-1705-236	GWBM-05A	GWP138	GWBL-11A
J8134321	GWAM-05A	1151-1705-273	GWBM-05A	GWP140	GWBL-07A
JR555050	GWAM-04A	1151-1706-564	GWBM-04A	GWP147	GWBL-10A
JR775046	GWAM-07A	1151-1706-588	GWBM-04A	GWP148	GWBL-16A
JR775047	GWAM-06A	1151-1706-624	GWBM-04A	GWP151	GWBL-14A
JR775050	GWAM-04A	1151-1707-190	GWBM-06A	GWP154	GWBL-11A
JR775122	GWAM-08A	1151-1707-191	GWBM-06A	GWP155	GWBL-15A
		1151-1707-192	GWBM-06A	GWP157	GWBL-17A
		1151-1707-193	GWBM-06A	GWP171	GWBL-14A
		1151-1707-414	GWBM-05A	GWP173	GWBL-17A
		1151-1707-415	GWBM-05A	GWP306	GWBL-03A
		1151-1711-484	GWBM-09A	GWP312	GWBL-03A
		1151-1711-492	GWBM-04A	GWP333	GWBL-18A
		1151-1715-292	GWBM-10A	GWP415	GWBL-12A
		1151-1719-836	GWBM-08A	GWP423	GWBL-13A
		1151-1720-609	GWBM-08A	JLM206	GWBL-13A
		1151-1720-883	GWBM-06A	JLM398	GWBL-12A
		1151-1720-892	GWBM-06A	JLM9696	GWBL-12A
		1151-1720-893	GWBM-06A	JLM9699	GWBL-13A
		1151-1721-337	GWBM-10A	PEB102240L	GWBL-20A
		1151-1721-477	GWBM-02A	PEB102510L	GWBL-19A
		1151-1721-477	GWBM-02A	PET100760L	GWBL-20A
		1151-1721-872	GWBM-11A	QCP2743	GWBL-18A
		1151-1722-536	GWBM-09A		
		1151-1727-468	GWBM-11A		
<u>BEDFORD</u>					
6384986	GWBF-01A				
7182777	GWBF-03A				
7191842	GWBF-01A				
8829223	GWBF-01A				
8829393	GWBF-01A				
8850015	GWBF-01A				
9943171	GWBF-02A				
9960156	GWBF-05A				
9962669	GWBF-03A				
91055181	GWBF-06A				

CROSS REFERENCE

OEM → GMB		OEM → GMB		OEM → GMB	
<u>CHRYSLER</u>		<u>CHRYSLER</u>		<u>DAEWOO</u>	
1818610	GWCR-20A	71244450	GWCR-17A	93231147	GWDW-11A
1879526	GWCR-20A	71250918	GWCR-17A	94013802	GWDW-87A
1918076	GWCR-01A	75221513	GWCR-01A	94022627	GWDW-40A
2196035	GWCR-06A	75221515	GWCR-17A	94232082	GWDW-40A
2196910	GWCR-06A	04663296AB	GWCR-34A	96059659	GWDW-16A
2448326	GWCR-20A	0500385AA	GWCR-32A	96088484	GWDW-07F
2448327	GWCR-20A	2930-983-4192	GWCR-06A	96182871	GWDW-92A
2808464	GWCR-20A	2930-V99-0021	GWCR-06A	96230587	GWDW-91A
2808466	GWCR-20A	4649307AC	GWCR-39A	96350799	GWDW-90A
2808468	GWCR-20A	4663731AB	GWCR-40A	96351284	GWDW-87A
2808679	GWCR-06A	4663732AB	GWCR-40A	96351969	GWDW-13A
2808680	GWCR-20A	4663732AC	GWCR-40A	96351971	GWDW-87A
2808681	GWCR-20A	4663732AD	GWCR-40A	96352648	GWDW-90A
3283803	GWCR-38A	4694307AB	GWCR-39A	96352649	GWDW-87A
3420037	GWCR-07A	4694307AE	GWCR-39A	96352650	GWDW-92A
3420038	GWCR-07A	4792 838AA	GWCR-42A	96353151	GWDW-18A
3420050	GWCR-06A	4792 838AB	GWCR-42A	96518977	GWDW-38A
3425318	GWCR-03A	4792195AB	GWCR-35A	96563958	GWDW-38A
3683834	GWCR-20A	4792968AD	GWCR-43A	96872702	GWDW-92A
3780108	GWCR-07A	4892225AA	GWCR-40A	96872704	GWDW-90A
3780109	GWCR-07A	5010898AA	GWCR-27A	96930074	GWDW-92A
3780127	GWCR-20A	5302 2095AD	GWCR-42A	17400-60D01	GWDW-38A
3780128	GWCR-20A	5302 2095AF	GWCR-42A	17400-70D00	GWDW-39A
3780196	GWCR-20A	53020873AB	GWCR-41A	17400-70D10	GWDW-40A
3802004	GWCR-38A	53020873AC	GWCR-41A	17400A60D01	GWDW-38A
3802358	GWCR-38A	53021018AB	GWCR-36A	17400A-70D04	GWDW-39A
3802970	GWCR-38A	53021018AC	GWCR-36A	65.0665060 10	GWDW-02F
3837640	GWCR-07A	53021018AD	GWCR-36A	65.06650-6014	GWDW-05F
3837641	GWCR-07A	53021187AA	GWCR-41A	6506500-6092	GWDW-03A
4106034	GWCR-06A	53022058AA	GWCR-41A	90325661B	GWDW-89A
4131243	GWCR-06A	53022189AA	GWCR-41A		
4153239	GWCR-03A	53022189AB	GWCR-41A		
4293898	GWCR-05A	53022189AC	GWCR-41A		
4323148	GWCR-05A	68045797AA	GWCR-41A		
4387457	GWCR-26A	EX196910	GWCR-02A		
4429404	GWCR-38A	F3HZ-8501ARM	GWCR-38A		
4448878	GWCR-27A	MO4667660	GWCR-30A		
4483453	GWCR-28A	R5003665AA	GWCR-38A		
4556541	GWCR-31A	RCWP7161	GWCR-40A		
4621172	GWCR-28A				
4621489	GWCR-33A				
4636258	GWCR-26A				
4654393	GWCR-29A				
4663296	GWCR-32A				
4663732	GWCR-40A				
4663736	GWCR-40A				
4667660	GWCR-30A				
4694307	GWCR-39A				
4723690	GWCR-38A				
4728533	GWCR-07A				
4792195	GWCR-35A				
4882837	GWCR-31A				
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5214490	GWCR-04A				
5240630	GWCR-04A				
5281175	GWCR-29A				
5663296	GWCR-32A				
53008354	GWCR-37A				
53020280	GWCR-36A				
53020865	GWCR-41A				
53021018	GWCR-36A				
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		12395558	GWDW-46A	3100979	GWR-01A
		12397649	GWDW-46A	32673436	GWR-01A
		24409355	GWDW-18A		
		90144227	GWDW-13A		
		90220568	GWDW-10A		
		90234200	GWDW-46A		
		90281612	GWDW-12A		
		90284802	GWDW-11A		
		90322506	GWDW-96A		
		90325660	GWDW-13A		
		90325661	GWDW-46A		
		90351284	GWDW-88A		
		90373189	GWDW-16A		
		90442207	GWDW-12A		
		90444359	GWDW-18A		
		90466343	GWDW-18A		
		91172178	GWDW-16A		
		91173496	GWDW-16A		
		92064250	GWDW-18A		
		92065969	GWDW-18A		
		93221331	GWDW-11A		
				<u>DAIHATSU</u>	
				16100-28030-000	GWD-24A
				16100-37382-000	GWD-28A
				16100-59016-000	GWD-13A
				16100-59017-000	GWD-13A
				16100-59145-000	GWD-13A
				16100-80003	GWT-142A
				16100-87108-000	GWD-32A
				16100-87109-000	GWD-35A
				16100-87182-000	GWD-32A
				16100-87183-000	GWD-35A
				16100-87184-000	GWD-32A
				16100-87185-000	GWD-35A
				16100-87228-000	GWD-40AH
				16100-87230-000	GWD-41AH
				16100-87231-000	GWD-49AH
				16100-87244-000	GWD-36A
				16100-87245-000	GWD-40AH
				16100-87246-000	GWD-41AH
				16100-87247-000	GWD-44A
				16100-87248-000	GWD-36A
				16100-87249-000	GWD-40A*
				16100-87249-000	GWD-40AH
				16100-87250-000	GWD-44A
				16100-87251-000	GWD-41A*

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<u>DAIHATSU</u>		<u>DAIHATSU</u>		<u>FIAT</u>	
16100-87251-000	GWD-41AH	16100-87791-000	GWD-15A	4197598	GWFI-06A
16100-87252-000	GWD-29A	16100-87795-000	GWD-27A	4243593	GWFI-01A*
16100-87280-000	GWD-29A	16100-87796-000	GWD-17A	4269431	GWFI-09A
16100-87281-000	GWD-29A	16100-87797-000	GWD-34A	4297101	GWFI-01A
16100-87283-000	GWD-36A	16100-97205-000	GWD-50AH	4314160	GWFI-03A
16100-87286-000	GWD-29A	16100-97206-000	GWD-45A	4314162	GWFI-03A
16100-87287-000	GWD-36A	16100-97207-000	GWD-48A	4320086	GWFI-05A
16100-87288-000	GWD-44A	16100-97212-000	GWD-45A	4329406	GWFI-01A*
16100-87303-000	GWD-11A	16100-97213-000	GWD-42AH	4331825	GWFI-03A
16100-87304-000	GWD-14A	16100-97214-000	GWD-43AH	4332090	GWFI-05A
16100-87305-000	GWD-14A	16100-97221-000	GWD-47A	4332336	GWFI-05A
16100-87307-000	GWD-14A	16100-97228-000	GWD-53AH	4336009	GWFI-07A
16100-87308-000	GWD-14A	16100-97231-000	GWD-42AH	4336188	GWFI-05A
16100-87309-000	GWD-14A	16100-97232-000	GWD-43AH	4384128	GWFI-01A*
16100-87380-000	GWD-14A	16100-97240-000	GWD-47A	4405285	GWFI-12A*
16100-87381-000	GWD-28A	16100-97241-000	GWD-48A	4408201	GWFI-01A*
16100-87382-000	GWD-28A	16100-97242-000	GWD-52AH	4429224	GWFI-12A*
16100-87383-000	GWD-28A	16100-97243-000	GWD-51AH	4429228	GWFI-12A*
16100-87387-000	GWD-28A	16100-97502-000	GWD-47A	4465144	GWFI-12A*
16100-87390-000	GWD-46A	16100-B9050	GWD-52AH	5882684	GWFI-04A
16100-87391-000	GWD-33A	16100-B9090	GWD-46A	5882687	GWFI-09A
16100-87394-000	GWD-33A	16100-B9100	GWD-48A	5882689	GWFI-03A
16100-87395-000	GWD-46A	16100-B9110	GWD-53AH	5882690	GWFI-05A
16100-87501-000	GWD-12A	16100-B9120	GWD-52AH	5882691	GWFI-07A
16100-87502-000	GWD-12A	16100-B9130	GWD-51AH	5882695	GWFI-01A*
16100-87503-000	GWD-12A	16100-B9140	GWD-45A	5883960	GWFI-01A
16100-87504-000	GWD-12A	16100-B9150	GWD-57A	5890406	GWFI-07A
16100-87505-000	GWD-39A	16100-B9170	GWD-32A	5893336	GWFI-01A
16100-87506-000	GWD-49AH	16100-B9180	GWD-42AH	5893339	GWFI-01A
16100-87507-000	GWD-39A	16100-B9190	GWD-47A	5894129	GWFI-01A
16100-87508-000	GWD-40A*	16100-B9200	GWD-43AH	5894255	GWFI-01A
16100-87508-000	GWD-49AH	16100-B9210	GWD-36A	5924366	GWFI-12A*
16100-87509-000	GWD-37A	16100-B9330	GWD-45A	5936404	GWFI-01A*
16100-87510-000	GWD-38A	16100-B9350	GWD-56A	5955242	GWFI-09A
16100-87511-000	GWD-30A	16100-B9451	GWD-55A	5973713	GWFI-13A
16100-87512-000	GWD-31A	16100-B9452	GWD-55A	5983960	GWFI-01A*
16100-87580-000	GWD-30A	16100-B9455	GWD-56A	5990701	GWFI-12A*
16100-87581-000	GWD-31A	16100-B9461	GWD-56A	5993339	GWFI-01A
16100-87582-000	GWD-30A	16100-B9464	GWD-56A	7580756	GWFI-01A*
16100-87583-000	GWD-31A	16102-87201-000	GWD-42A	7597577	GWFI-07A
16100-87586-000	GWD-30A	16102-87202-000	GWD-41A	7617168	GWFI-15A
16100-87587-000	GWD-31A	16102-87204-000	GWD-42A	7633560	GWFI-12A*
16100-87590-000	GWD-37A	16102-87205-000	GWD-41A	7635148	GWFI-15A
16100-87591-000	GWD-38A	16102-87207-000	GWD-42A	7640163	GWFI-13A
16100-87592-000	GWD-39A	16102-87208-000	GWD-41A	7651586	GWFI-15A
16100-87701-000	GWD-15A	16102-87780-000	GWD-16A*	7671810	GWFI-12A*
16100-87702-000	GWD-16A*	16102-97201-000	GWD-43A	7691046	GWFI-15A
16100-87705-000	GWD-15A	16102-97203-000	GWD-53A	7691047	GWFI-15A
16100-87706-000	GWD-15A	16102-97204-000	GWD-54A	7691820	GWFI-13A
16100-87707-000	GWD-26A	16102-97205	GWD-43A	7715242	GWFI-13A
16100-87726-000	GWD-17A	16102-97206-000	GWD-52A	7719919	GWFI-01A
16100-87730-000	GWD-27A	16102-97207-000	GWD-51A	7723345	GWFI-15A
16100-87731-000	GWD-34A	16111-87780-000	GWD-25A	7770038	GWFI-15A
16100-87780-000	GWD-16A*	<u>FIAT</u>		7784978	GWFI-01A
16100-87781-000	GWD-16A*	4067807	GWFI-02A	7784979	GWFI-15A
16100-87782-000	GWD-25A*	4068101	GWFI-02A	46423351	GWFI-14A
16100-87784-000	GWD-25A*	4081489	GWFI-11A	46523351	GWFI-13A
16100-87786-000	GWD-27A	4081499	GWFI-11A	46531183	GWFI-14A
16100-87787-000	GWD-17A	4119143	GWFI-02A	0055184080	GWFI-14A
16100-87788-000	GWD-26A	4129810	GWFI-04A	71713727	GWFI-14A
16100-87789-000	GWD-25A*	4194951	GWFI-01A*	71737960	GWFI-07A
16100-87790-000	GWD-34A			2101-1307010	GWFI-06A

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<u>FORD</u>		<u>FORD</u>		<u>FORD</u>	
1007456	GWF-90A	1518108	GWF-25A	5025607	GWF-108A
1020988	GWF-89A	1518116	GWF-14A	5025831	GWF-14A
1023645	GWF-89A	1518117	GWF-47A	5025832	GWF-47A
1053055	GWF-65A	1518120	GWF-02A	5025833	GWF-25A
1058743	GWF-100A	1518123	GWF-87A	5025908	GWF-88A
1090432	GWF-89A	1527289	GWF-14A	5026783	GWF-88A
1094596	GWF-100A	1528548	GWF-03A	5028472	GWF-109A
1096556	GWF-107A	1566241	GWF-90A	6007276	GWF-08A
1124359	GWF-14A	1711733	GWF-02A	6031236	GWF-09A
1124360	GWF-47A	4436393	GWF-107AH	6039328	GWF-10A
1124361	GWF-25A	5004972	GWF-03A	6041801	GWF-01A
1126030	GWF-03A	5004978	GWF-03A	6043064	GWF-25A
1126031	GWF-03A	5004980	GWF-47A	6043065	GWF-14A
1126032	GWF-18A	5004981	GWF-08A	6049790	GWF-14A
1126036	GWF-40A	5004988	GWF-09A	6050034	GWF-10A
1126037	GWF-17A	5004995	GWF-18A	6050907	GWF-10A
1126039	GWF-02A	5004997	GWF-18A	6052804	GWF-03A
1126040	GWF-01A	5004998	GWF-17A	6065711	GWF-18A
1126041	GWF-65A	5005004	GWF-02A	6065712	GWF-18A
1126042	GWF-50A	5005039	GWF-08A	6065714	GWF-17A
1126045	GWF-10A	5005054	GWF-01A	6099125	GWF-40A
1126048	GWF-88A	5005058	GWF-03A	6135823	GWF-18A
1131809	GWF-107AH	5005171	GWF-08A	6135824	GWF-03A
1136393	GWF-107AH	5005193	GWF-25A	6158875	GWF-03A
1138318	GWF-100A	5005194	GWF-14A	6783220	GWF-90A
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1213104	GWF-10A	5006043	GWF-18A	21010160	GWF-73A
1227902	GWF-100A	5006046	GWF-18A	68788045	GWF-90A
1233204	GWF-01A	5007171	GWF-08A	105E-8501A	GWF-02A
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1233218	GWF-87A	5009287	GWF-18A	2930-913-1727	GWF-29A
1308453	GWF-107A*	5010783	GWF-10A	2930V990039	GWF-05A
1317021	GWF-108A	5010875	GWF-03A	2930-V99-0039	GWF-38A
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1318354	GWF-109A	5010880	GWF-03A	3C3Z 8507-AA	GWF-118A
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1446373	GWF-08AH	5013267	GWF-03A	446430C	GWF-104A
1455679	GWF-107AH	5013268	GWF-18A	446430C2	GWF-104A
1472867	GWF-119A	5013274	GWF-18A	446430C4	GWF-104A
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1499705	GWF-25A	5018437	GWF-40A	4C3Z 8507-AA	GWF-117A
1499785	GWF-25A	5018852	GWF-40A	4C3Z 8507-AA	GWF-118A
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1517728	GWF-108A	5020424	GWF-09A	682F-8501BA	GWF-08AH
1517732	GWF-100A	5020425	GWF-17A	691F-8501AA	GWF-01A
1518087	GWF-03A	5020437	GWF-88A	691F-8501BA	GWF-01A
1518088	GWF-18A	5020652	GWF-65A	691F-8501CA	GWF-01A
1518089	GWF-50A	5020716	GWF-02A	6L2Z8501A	GWF-102A
1518091	GWF-65A	5020717	GWF-01A	6U7X8501B	GWF-101A
1518093	GWF-01A	5024297	GWF-89A	6U7Z8501A	GWF-97A
1518094	GWF-10A	5024545	GWF-87A	6U7Z8501B	GWF-101A
1518095	GWF-88A	5024603	GWF-10A	70HF-8501BA	GWF-03A

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<u>FORD</u>		<u>FORD</u>		<u>FORD</u>	
70HM8505AA	GWF-03A	92TX8591AA	GWF-14A	C0DZ-8501A	GWF-29A
70HM8505RO1	GWF-03A	92TX8591B2B	GWF-47A	C0DZ-8501B	GWF-29A
70IF8505AA	GWF-01A	92TX8591BA	GWF-47A	C0DZ-8501C	GWF-29A
715F-8501AAD	GWF-09A	92TX8591C2B	GWF-25A	C0DZ-8587A	GWF-29A
71F-8501AA	GWF-25A	92TX8591CA	GWF-25A	C5AZ-8501A	GWF-41A
71TF8501AA	GWF-25A	938M8501AJ	GWF-90A	C5AZ-8501C	GWF-37A
722F-8501AA	GWF-08AH	938M8591AA	GWF-90A	C5AZ-8501D	GWF-37A
73TF8505AA	GWF-24A	93FX8591A1B	GWF-109A	C5AZ-8501E	GWF-42A
77BF8501AA	GWF-10A	93FX8591AA	GWF-109A	C5AZ-8501F	GWF-37A
77BF8501AB	GWF-10A	95TM8505AA	GWF-77A	C5AZ-8501G	GWF-37A
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813X8591GA	GWF-47A	97JM8505A	GWF-102A	C5AZ-8501N	GWF-37A
815F8505AD	GWF-50A	988M8501TJ	GWF-100A	C5AZ-8501R	GWF-37A
86TF8505BD	GWF-58A	988X591EA	GWF-100A	C5AZ-8501S	GWF-37A
870X8591A1B	GWF-40A	988X8591EA	GWF-100A	C5AZ-8501T	GWF-42A
870X8591A2B	GWF-40A	988X8591F1D	GWF-100A	C5AZ-8501U	GWF-37A
870X8591AA	GWF-40A	988X8591FC	GWF-100A	C5AZ-8501V	GWF-37A
88AX8591A1B	GWF-17A	A790-8591HBA	GWF-25A	C5AZ-8501W	GWF-37A
88AX8591A2B	GWF-17A	A790-8591HFA	GWF-10A	C5DE8505AB	GWF-28A
88AX8591AA	GWF-17A	A790X8591ADA	GWF-09A	C5OE8505B	GWF-42A
88BX8591AA	GWF-88A	A790X8591ALA	GWF-18A	C5OZ-8501B	GWF-42A
88EX8591A1B	GWF-02A	A790X8591ANA	GWF-18A	C5OZ-8501C	GWF-42A
88EX8591A2B	GWF-02A	A790X-8591ARA	GWF-17A	C5OZ-8501D	GWF-42A
88EX-8591AA	GWF-02A	A790X-8591BCA	GWF-02A	C5OZ8501E/F/H	GWF-42A
88EX8591AAC	GWF-01A	A790X-8591CA	GWF-02A	C5OZ-8501G	GWF-42A
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88FX8591AB	GWF-89A	A790X-8591ECA	GWF-01A	C6AZ-8501C	GWF-41A
88FX8591C1B	GWF-01A	A790X8591EDA	GWF-03A	C6DZ-8501A	GWF-29A
88FX8591C2B	GWF-01A	A790X8591EFA	GWF-03A	C6DZ-8501B	GWF-29A
88FX-8591CA	GWF-01A	A790X8591H2FA	GWF-10A	C6DZ-8501C	GWF-29A
88SX8591A1A	GWF-65A	A790X8591HBA	GWF-25A	C6DZ-8501D	GWF-29A
88SX8591A1B	GWF-65A	A790X8591HFA	GWF-10A	C6OE8505A/B	GWF-42A
88SX8591A2B	GWF-65A	A790X8591NA	GWF-47A	C8AE8505J	GWF-42A
88SX8591AA	GWF-65A	A790X8591RLA	GWF-18A	C8AZ-8501A	GWF-37A
88VX8591AA	GWF-09A	A810-8591GA	GWF-47A	C8AZ-8501B	GWF-37A
88YX8591A1B	GWF-50A	A810X-8591FA	GWF-14A	C8OE8505D	GWF-42A
88YX8591A2B	GWF-50A	A810X-8591HA	GWF-14A	C9AZ-8501A	GWF-42A
88YX8591AA	GWF-86A	A810X-8591SA	GWF-40A	C9AZ-8501B	GWF-42A
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8AG215010	GWF-52A	A820X8591BA	GWF-18A	C9DZ-8501A	GWF-38A
8AG215010A	GWF-64A	A830X8591A1UB	GWF-03A	C9TZ-8501A	GWF-23A
8AG215100C	GWF-52A	A830X8591A2UB	GWF-03A	C9ZZ-8501A	GWF-42A
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8AK115010	GWF-64A	A830X8591D1AB	GWF-03A	D0AZ8501B	GWF-23A
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90BX8591AA	GWF-10A	A840X8591AA	GWF-87A	D0AZ-8501E	GWF-11A
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914FX8591A2B	GWF-87A	AJ0315010B	GWF-91A	D0OZ8501A	GWF-23A
914FX8591AA	GWF-87A	AJY11501-0	GWF-91A	D0OZ-8501B	GWF-23A
928X8591A1B	GWF-108A	APW5000	GWF-06A	D0OZ-8501C	GWF-23A
928X8591AA	GWF-108A	APW5002	GWF-05A	D0OZ8501F	GWF-23A
92BX8591BA	GWF-88A	APW5003	GWF-07A	D0RY-8501A	GWF-01A
92BX8591C1B	GWF-88A	APW5009	GWF-59A	D0VZ-8501A	GWF-35A
92BX8591C2B	GWF-88A	BA8501KT	GWF-106A	D0ZZ-8501A	GWF-23A
92TX8591A2B	GWF-14A	C0DE-8587A	GWF-29A	D0ZZ-8501B	GWF-23A

CROSS REFERENCE

OEM → GMB		OEM → GMB		OEM → GMB	
<u>FORD</u>		<u>FORD</u>		<u>FORD</u>	
D1AZ-8501A	GWF-11A	E4TZ-8501E	GWF-35A	EPW50	GWF-18A
D1DZ-8501A	GWF-38A	E5TZ-8501C	GWF-35A	EPW55	GWF-108A
D1FZ-8501A	GWF-03A	E5ZE8505A	GWF-56A	EPW56	GWF-14A
D1FZ-8501B	GWF-01A	E5ZE8505AA	GWF-56A	EPW57	GWF-47A
D27Z-8501A	GWF-15A	E69E8505AAI	GWF-53A	EPW58	GWF-14A
D2AZ-8501A	GWF-41A	E69Z-8501A	GWF-53A	EPW63	GWF-03A
D2DZ-8501A	GWF-38A	E6AZ-8501A	GWF-56A	EPW67	GWF-03A
D2SZ-8501A	GWF-11A	E6AZ-8501B	GWF-44A	EPW68	GWF-18A
D2TZ-8501C	GWF-37A	E6DZ-8501A	GWF-48A	EPW69	GWF-18A
D2VY-8501A	GWF-35A	E6DZ-8501B	GWF-51A*	EPW7	GWF-03A
D3RY-8501A	GWF-03A	E6EE8505BA	GWF-50A	EPW70	GWF-65A
D3RY-8501B	GWF-24A	E6FZ-8501A	GWF-50A	EPW71	GWF-88A
D3RY8501C	GWF-24A	E6MY8501A	GWF-44A	EPW730	GWF-01A
D3UZ-8501A	GWF-42A	E6MZ-8501A	GWF-44A	EPW736	GWF-03A
D4BZ-8501A	GWF-22A	E6TZ-8501A	GWF-58A	EPW743	GWF-03A
D4DZ-8501A	GWF-29A	E6ZZ8501A	GWF-22A	EPW746	GWF-03A
D4FZ-8501A	GWF-16A	E6ZZ-8501A	GWF-61A	EPW76	GWF-90A
D4TZ-8501B	GWF-37A	E7EE8505CA	GWF-50A	EPW79	GWF-109A
D4TZ-8501C	GWF-39A	E7FZ-8501A	GWF-50A	EPW82	GWF-89A
D4TZ-8501H	GWF-37A	E7FZ-8501B	GWF-52A*	EPW82PA640	GWF-89A
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D5TZ-8501B	GWF-39A	E8BZ-8501B	GWF-66A	F0CZ-8501A	GWF-69A
D5TZ-8501G	GWF-35A	E8DZ-8501A	GWF-60A	F0PZ-8501E	GWF-62A
D5UZ-8501A	GWF-23A	E8DZ-8501B	GWF-60A	F0TZ-8501A	GWF-35A
D6AZ-8501A	GWF-11A	E8FZ-8501A	GWF-50A	F0TZ-8501D	GWF-77A
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E2DZ-8501A	GWF-21A	E9TE8505BA	GWF-55A	F33Z-8501A	GWF-51A*
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E43Z-8501A	GWF-36A*	EPW32	GWF-09A	F3XY-8501B	GWF-73A
E43Z-8501B	GWF-52A*	EPW33	GWF-40A	F3XZ8501BA	GWF-73A
E4BZ-8501A	GWF-22A	EPW38	GWF-87A	F3ZZ-8501B	GWF-56A
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E4TZ8501C	GWF-104A	EPW41	GWF-18A	F49Z8501B	GWF-53A
E4TZ-8501D	GWF-35A	EPW44	GWF-17A	F4AZ-8501A	GWF-75A

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OEM → GMB		OEM → GMB		OEM → GMB	
<u>FORD</u>		<u>FORD</u>		<u>FORD</u>	
F4AZ8501AA	GWF-75A	F8RZ8501CF	GWF-100A	XS2Z8501EA	GWF-91A
F4BZ8501A	GWF-66A	F8RZ-8501EN	GWF-100A	XSZ8501BC	GWF-91A
F4BZ8501B	GWF-66A	F8ZZ-8501AA	GWF-94A	XU2Z8501AARM	GWF-104A
F4CZ-8501A	GWF-72A	FEMJ15100	GWF-64A	XU2Z8501EA	GWF-104A
F4DZ-8501A	GWF-79A	FWP1464	GWF-88A	XU2Z8V501AARM	GWF-104A
F4DZ8501B	GWF-48A	FWP1465	GWF-89A	XY8501BRB	GWF-05A
F4PZ-8501A	GWF-48A	FZB78501A	GWF-66A	YF0915100	GWF-100A
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F4TZ 8501B	GWF-111A	ME840X8591A2UB	GWF-03A	YF3Z-8501AB	GWF-103A
F4TZ-8507A	GWF-112A	ME840X8591B2BB	GWF-18A	YR3Z 8501AB	GWF-113A
F4ZZ-8501A	GWF-92A	ME88EX8591A2B	GWF-02A	YS4Z 8507AA	GWF-115A
F4ZZ-8501B	GWF-92A	ME88FX8591C2B	GWF-01A	YS6G8591B2D	GWF-119A
F53E8505AB	GWF-91A	ME88SX8591A2B	GWF-65A	YW7Z 8501BB	GWF-114A
F578501A	GWF-91A	ME88YX8591A2B	GWF-50A	Z93Z8501B	GWF-36A
F57Z-8501A	GWF-84A	ME914F8591A2B	GWF-87A	ZZM0-15-010	GWF-61A
F59Z-8501A	GWF-85A	ME91BX8591C2B	GWF-88A	ZZM3-15-010	GWF-84A
F59Z-8501B	GWF-53A	ME928X8591A1B	GWF-108A	ZZM7-15-010	GWF-85A
F5CZ8501A	GWF-72A	ME92BX8591C2B	GWF-88A	ZZMA-15-010	GWF-53A
F5DE8505AE	GWF-95A	ME92TX8591A2B	GWF-14A		
F5DZ-8501A	GWF-82A	ME92TX8591B2B	GWF-47A		
F5DZ8501CL	GWF-95A	ME92TX8591C2B	GWF-25A		
F5RZ-8501A	GWF-91A	ME938M8591A1B	GWF-90A	<u>GENERAL MOTORS</u>	
F5RZ-8501B	GWF-90A	ME9888591F1D	GWF-100A	124829	GWG-78A
F5TE8505C5A	GWF-67A	ME988X8591F1D	GWF-100A	231066	GWG-36A
F5TZ-8501A	GWF-81A	OFE1H15010G	GWF-64A	231073	GWG-26A
F5TZ-8501C	GWF-77A	OK71015010	GWF-64A	231461	GWG-36A
F5TZ-8501H2A	GWF-67A	P8RZ8501EN	GWF-100A	231462	GWG-26A
F63Z-8501AA	GWF-91A	QCP2652	GWF-88A	231886	GWG-36A
F65Z-8501AC	GWF-101A	QCP2673	GWF-89A	231887	GWG-26A
F65Z-8501BA	GWF-98A	RFAE8505AC2	GWF-48A	357261	GWG-01A
F67E-8505BA	GWF-96A	RFE69E8505AAI	GWF-53A	357262	GWG-34A
F68Z-8501A	GWF-97A	RFE7DE8505	GWF-60A	359036	GWG-16A
F6DZ-8501A	GWF-95A	RFE8DE8505	GWF-60A	361054	GWG-12A
F6DZ-8501FA	GWF-82A	RFE8EE8505BA	GWF-50A	361055	GWG-16A
F6LZ-8501AA	GWF-83A	RFE8SE8505	GWF-63A	369175	GWG-03A
F6PE8505AA	GWF-72A	RFE9SE8505	GWF-63A	372334	GWG-27A
F6PZ8501AA	GWF-72A	RFF4DE8505AB	GWF-79A	461996	GWG-25A
F6TE8505LA	GWF-81A	RFF4SE8505AB	GWF-80A	465802	GWG-23A
F6TZ-8501AA	GWF-112A	RFF57E8505BH	GWF-84A	474028	GWG-27A
F6TZ-8501JB	GWF-98A	RFF58E8505AC	GWF-82A	474029	GWG-25A
F6TZ-8501KA	GWF-81A	RFF65E8505AD	GWF-94A	474055	GWG-23A
F6TZ-8501KB	GWF-81A	RFF68E8505BC	GWF-97A	474056	GWG-34A
F6ZZ-8501A	GWF-94A	RFF75E8505BA	GWF-94A	476509	GWG-04A
F6ZZ-8501BE	GWF-94A	RFF75E8505EA	GWF-101A	478126	GWG-28A
F77Z-8501AD	GWF-102A	RFF78E8505BA	GWF-97A	488152	GWG-28A
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F7CZ-8501AB	GWF-99A	XC2Z8501BA	GWF-116A	500513	GWG-28A
F7DZ-8501A	GWF-95A	XC8501CRB	GWF-06A	556283	GWG-26A
F7PZ-8501AA	GWF-77A	XF1Z8501AA	GWF-82A	657261	GWG-01A
F7TZ-8501AB	GWF-77A	XF2Z-8501AA	GWF-97A	948681	GWG-42A
F7TZ-8501AD	GWF-77A	XL3Z-8501AA	GWF-98A	994149	GWG-42A
F7TZ-8501CRM	GWF-112A	XL5Z8501AA	GWF-85A	1000407	GWG-05A
F7ZZ-8501AA	GWF-94A	XL5Z8501AC	GWF-85A	1005451	GWG-04A
F81Z-8501ARM	GWF-112A	XL5Z8501CA	GWF-84A	1006524	GWG-06A
F81Z-8501CRM	GWF-112A	XS2E8501BDBE	GWF-91A	1015952	GW-05AP
F85Z-8501AA	GWF-101A	XS2E8501CA	GWF-91A	1242913	GWG-07A
F87Z-8501BA	GWF-84A	XS2E8501EA	GWF-91A	1242914	GWG-40A
F87Z8501BB	GWF-84A	XS2E8501EABE	GWF-91A	1245288	GWG-40A
F87Z-8501CA	GWF-96A	XS2Z-8501BC	GWF-91A	1247079	GWG-07A
F87Z8501DA	GWF-85A	XS2Z8501CC	GWF-91A	1247080	GWG-40A
F8AZ8501AA	GWF-75A	XS2Z8501CD	GWF-91A	1257495	GWG-44A
F8DZ8501AA	GWF-82A	XS2Z8501CF	GWF-91A		

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OEM → GMB		OEM → GMB		OEM → GMB	
<u>GENERAL MOTORS</u>		<u>GENERAL MOTORS</u>		<u>GENERAL MOTORS</u>	
1257703	GWG-07A	6258394	GWG-01A	12334884	GWG-45A
1260709	GWG-07A	6258446	GWG-01A	12336298	GWG-44A
1277703	GWG-07A	6258551	GWG-31A	12337519	GWG-26A
1334008	GWG-61A	6272157	GWG-27A	12337664	GWG-20A
1334012	GWG-11A	6272159	GWG-32A	12338842	GWG-59A
1334013	GWG-11A	7490004	GWG-85A	12365639	GWG-84A
1334084	GWG-11A	7490007	GWG-84A	12365640	GWG-85A
1380400	GWG-42A	8132274	GWG-12A	12369484	GWG-102A
1394877	GWG-40A	8894344	GWG-84A	12369537	GWG-95A
1396317	GWG-42A	8901745	GWG-95A	12371989	GWG-48A
1396346	GWG-42A	9306722	GWG-67A	12395558	GWG-46A
1396715	GWG-42A	9411850	GWG-38A	12397649	GWG-46A
1396815	GWG-42A	9790522	GWG-28A	12456112	GWG-95A
1396876	GWG-42A	10004073	GWG-05A	12456113	GWG-100A
1402999	GWG-03A	10008553	GWG-28A	12458920	GWG-54A
1564459	GWG-35A	10013800	GWG-05A	12458921	GWG-54A
1565487	GWG-35A	10039415	GWG-49A*	12458934	GWG-95A
2457687	GWG-86A	10039422	GWG-49A*	12458935	GWG-100A
2650866	GWG-10A	10042949	GWG-05A	12482690	GWG-72A
3286641	GWG-08A	10042972	GWG-05A	12482903	GWG-78A
3427007	GWG-09A	10046305	GWG-23A	12487361	GWG-84A
3429981	GWG-01A	10048775	GWG-70A	12491038	GWG-54A
3633853	GWG-29A	10048785	GWG-01A	12500305	GWG-78A
3634514	GWG-29A	10048917	GWG-25A	12507232	GWG-05A
3634552	GWG-37A	10048919	GWG-22A	12508606	GWG-61A
3634580	GWG-37A	10048921	GWG-31A	12511062	GWG-11A
3634653	GWG-102A	10048948	GWG-55A	12512742	GWG-99A
3634789	GWG-102A	10048949	GWG-48A	12514269	GWG-33A
3634838	GWG-37A	10048950	GWG-72A	12514574	GWG-83A
3636801	GWG-102A	10048951	GWG-60A	12517379	GWG-11A
3704906	GWG-35A	10048968	GWG-47A	12517940	GWG-70A
3741034	GWG-35A	10049026	GWG-27A	12518277	GWG-98A
3757247	GWG-35A	10049043	GWG-54A	12518295	GWG-48A
3769926	GWG-35A	10054510	GWG-04A	12518443	GWG-47A
3787566	GWG-35A	10065240	GWG-06A	12520914	GWG-75A
3815726	GWG-01A	10077051	GWG-03A	12521037	GWG-70A
3836856	GWG-35A	10077059	GWG-55A	12521038	GWG-32A
3848072	GWG-35A	10081980	GWG-70A	12522016	GWG-27A
3871521	GWG-01A	10089654	GWG-47A	12522031	GWG-55A
3876168	GWG-01A	10089659	GWG-17A	12522032	GWG-62A
3876170	GWG-01A	10106474	GWG-70A	12522033	GWG-25A
3876172	GWG-32A	10112691	GWG-34A	12522034	GWG-69A
3890017	GWG-35A	10112692	GWG-23A	12522035	GWG-22A
3927798	GWG-01A	10120938	GWG-12A	12522036	GWG-79A
3929219	GWG-01A	10120943	GWG-72A	12523502	GWG-99A
3929233	GWG-35A	10120944	GWG-60A	12523505	GWG-23A
3937996	GWG-35A	10120945	GWG-04A	12525123	GWG-70A
3947042	GWG-01A	10124624	GWG-54A	12527717	GWG-70A
3953620	GWG-32A	10126714	GWG-70A	12527740	GWG-99A
3957932	GWG-27A	10132880	GWG-60A	12527741	GWG-98A
3957981	GWG-35A	10148030	GWG-62A	12527759	GWG-70A
3977607	GWG-32A	10159526	GWG-05A	12528917	GWG-82A
3986364	GWG-35A	10174846	GWG-69A	12529211	GWG-83A
3990991	GWG-32A	10174858	GWG-48A	12529993	GWG-84A
3998205	GWG-31A	10181235	GWG-54A	12532526	GWG-82A
3998206	GWG-35A	10181327	GWG-54A	12532528	GWG-82A
3998207	GWG-35A	10181369	GWG-49A*	12534417	GWG-83A
4805174	GWG-94A	12300305	GWG-28A	12536421	(GWG-76A)
4817953	GWG-94A	12309445	GWG-28A	12536422	GWG-44A
5740079	GWG-33A	12309978	GWG-29A	12537417	GWG-44A
5743241	GWG-83A	12321622	GWG-40A	12537495	GWG-76A
5743939	GWG-55A	12326453	GWG-44A	12537829	GWG-78A

CROSS REFERENCE

OEM → GMB		OEM → GMB		OEM → GMB	
<u>GENERAL MOTORS</u>		<u>GENERAL MOTORS</u>		<u>GENERAL MOTORS</u>	
12553337	GWG-84A	24573636	GWG-86A	94240378	GWG-13A
12554338	GWG-85A	24575951	GWG-86A	94332922	GWG-38A
12559271	GWG-100A	24576952	GWG-101A	94376837	GWG-38A
12561392	GWG-82A	24576956	GWG-101A	94415090	GWG-38A
12566029	GWG-93A	24577255	GWG-86A	94623690	GWG-67A
12573495	(GWG-76A)	25183429	GWG-94A	94636985	GWG-11A
12585226	GWG-103A	25513134	GWG-45A	94840082	GWG-50A
12591894	GWG-103A	25516944	GWG-45A	94840612	GWG-50A
12600767	GWG-106AT	25524291	GWG-44A	94844775	GWG-58A
12604747	GWG-95A	25525147	GWG-45A	94847609	GWG-50A
12609978	GWG-29A	25525690	GWG-44A	94850703	GWG-50A
12618472	GWG-93A	25527536	GWG-07A	94854103	GWG-71A
12620226	GWG-101A	25527537	GWG-44A	94854791	GWG-68A
14018745	GWG-06A	25527539	GWG-77A	94856254	GWG-68A
14024302	GWG-04A	25529891	GWG-44A	94858708	GWG-71A
14029860	GWG-04A	52250937	GWG-11A	96051819	GWG-57A
14029998	GWG-03A	52273124	GWG-11A	96054298	GWG-57A
14033195	GWG-17A	55352570	GWG-103A	96059659	GWG-64A
14033234	GWG-04A	71741078	GWG-93A	96060136	GWG-63A
14033483	GWG-04A	71747983	GWG-93A	96062832	GWG-64A
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14050546	GWG-33A	88412818	GWG-23A	96064464	GWG-63A
14054539	GWG-17A	88894044	GWG-83A	96067153	GWG-63A
14054555	GWG-04A	88894340	GWG-85A	96182871	GWG-92A
14061698	GWG-33A	88894344	GWG-84A	96230587	GWG-91A
14069586	GWG-22A	88896225	GWG-82A	96350799	GWG-90A
14071866	GWG-03A	88926277	GWG-25A	96351284	(GWG-88A)
14079351	GWG-03A	89017748	GWG-82A	96351971	(GWG-88A)
14082745	GWG-33A	89060527	GWG-82A	96352648	GWG-90A
14085847	GWG-25A	90106656	GWG-11A	96352649	GWG-87A
14085852	GWG-32A	90234200	GWG-46A	96440224	GWG-94A
14089018	GWG-06A	90272361	GWG-61A	96563958	GWG-92A
14092941	GWG-72A	90273924	GWG-11A	96872700	(GWG-88A)
14094538	GWG-22A	90284802	GWG-11A	96872702	GWG-92A
14101304	GWG-04A	90322506	GWG-96A	96872704	GWG-90A
14105921	GWG-17A	90325660	GWG-90A	96930074	GWG-92A
14105938	GWG-31A	90325661	GWG-46A	96990997	(GWG-88A)
15633465	GWG-33A	90351284	(GWG-88A)	97010201	GWG-53A
15633466	GWG-83A	90373189	GWG-64A	97188663	GWG-97A
19208815	GWG-106AT	90392900	GWG-46A	97216136	GWG-97A
21000535	GWG-80A	90392908	GWG-11A	1611019035	GWG-58A
21006276	GWG-81A	90466343	GWG-96A	5094013802	(GWG-88A)
21006932	GWG-81A	91172178	GWG-64A	8941185010	GWG-53A
21006933	GWG-80A	91173496	GWG-64A	8941185011	GWG-53A
21007155	GWG-80A	92149009	GWG-93A	8982775049	GWG-17A
21007225	(GWG-81A)	93149009	GWG-93A	8983500807	GWG-17A
21007288	GWG-80A	93221331	GWG-11A	2930-848-5960	GWG-01A
21007453	GWG-81A	93231147	GWG-11A	2930-V99-0029	GWG-01A
21007655	GWG-81A	93412618	GWG-23A	50940-13802	GWG-88A
21007656	GWG-80A	94011694	GWG-97A	8-10120-943-0	GWG-72A
21015340	(GWG-81A)	94013304	GWG-97A	8-12482-690-0	GWG-72A
21015341	(GWG-81A)	94013802	GWG-87A	8-12532-528-0	GWG-82A
22514840	GWG-20A	94022627	GWG-15A	90325661B	GWG-89A
22519584	GWG-20A	94109591	GWG-65A	J0948681	GWG-42A
22537768	GWG-66A	94118353	GWG-53A	J0994149	GWG-42A
23500133	GWG-33A	94118501	GWG-53A	J8132274	GWG-12A
23500138	GWG-83A	94120768	GWG-38A	JR775045	GWG-12A
24439799	GWG-103A	94136076	GWG-13A	JR775049	GWG-17A
24446365	GWG-103A	94202477	GWG-14A	R1160018	GWG-61A
24467301	GWG-103A	94224894	GWG-14A		
24570464	GWG-66A	94239153	GWG-19A		
24571389	GWG-66A	94239649	GWG-38A		

CROSS REFERENCE

OEM → GMB		OEM → GMB		OEM → GMB	
<u>HOLDEN</u>		<u>HONDA</u>		<u>HONDA</u>	
2808367	GWHD-03A	19200-689-030	GWHO-10A	19200-PC1-405	GWHO-08A
2824553	GWHD-04/05A	19200-689-040	GWHO-10A	19200-PC6-000	GWHO-21A
9943171	GWHD-01A	19200-689-325	GWHO-10A	19200-PC6-010	GWHO-21A
90106599	GWHD-09A	19200-689-335	GWHO-10A	19200-PD2-000	GWHO-21A
92008364	GWHD-02A	19200-9D6-000	GWHO-21A	19200-PD2-405	GWHO-21A
92008365	GWHD-03A	19200-9E0-010	GWHO-22A	19200-PD2-415	GWHO-21A
92009639	GWHD-04/05A	19200-P01-003	GWHO-26A	19200-PD2-660	GWHO-21A
92014082	GWHD-06A	19200-P01-004	GWHO-26A	19200-PD6-000	GWHO-21A
92014563	GWHD-07A	19200-P08-003	GWHO-32A	19200-PD6-405	GWHO-21A
95043935	GWHD-10A	19200-P08-004	GWHO-32A	19200-PD6-415	GWHO-21A
2101042L00	GWHD-08A	19200-P0A-003	GWHO-28A	19200-PD6-660	GWHO-21A
2101058S00	GWHD-08A	19200-P0A-032	GWHO-28A	19200-PE0-010	GWHO-22A
M38239	GWHD-04/05A	19200-P0B-A01	GWHO-28A	19200-PE0-415	GWHO-22A
		19200-P0G-A01	GWHO-25A	19200-PE0-510	GWHO-37A
		19200-P10-A02	GWHO-26A	19200-PE0-515	GWHO-37A
		19200-P13-000	GWHO-33A	19200-PE0-660	GWHO-37A
		19200-P13-013	GWHO-33A	19200-PE8-405	GWHO-07A
		19200-P14-A00	GWHO-34A	19200-PE8-600	GWHO-07A
		19200-P14-A01	GWHO-34A	19200-PE9-003	GWHO-18A
		19200-P1R-003	GWHO-44A	19200-PE9-013	GWHO-18A
		19200-P2A-003	GWHO-39A	19200-PE9-305	GWHO-43A
		19200-P2A-004	GWHO-39A	19200-PE9-405	GWHO-18A
		19200-P2A-A01	GWHO-39A	19200-PEO-010	GWHO-22A
		19200-P2J-005	GWHO-49A	19200-PG6-000	GWHO-24A
		19200-P30-003	GWHO-56A	19200-PG6-405	GWHO-24A
		19200-P36-000	GWHO-41A	19200-PG6-415	GWHO-24A
		19200-P5A-004	GWHO-64A	19200-PG6-415A	GWHO-24A
		19200-P72-003	GWHO-46A	19200-PH1-000	GWHO-23A
		19200-P72-013	GWHO-46A	19200-PH1-020	GWHO-23A
		19200-P75-000	GWHO-40A	19200-PH1-405	GWHO-23A
		19200-P75-003	GWHO-40A	19200-PH1-505	GWHO-23A
		19200-P7A-003	GWHO-54A	19200-PH1-515	GWHO-23A
		19200-P8A-A02	GWHO-57A	19200-PH3-000	GWHO-30A
		19200-P8A-A03	GWHO-57A	19200-PH3-000A	GWHO-30A
		19200-PA0-000	GWHO-07A	19200-PH3-003	GWHO-30A
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		19200-PA0-700	GWHO-07A	19200-PH3-505	GWHO-30A
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		19200-PA1-020	GWHO-11A	19200-PK2-505	GWHO-29A
		19200-PA1-030	GWHO-11A	19200-PLC-003	GWHO-55A
		19200-PA1-405	GWHO-11A	19200-PLC-003	GWHO-55A
		19200-PA5-000	GWHO-07A	19200-PLM-A01	GWHO-48A
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		19200-PA5-700	GWHO-07A	19200-PM3-000	GWHO-26A
		19200-PA6-000	GWHO-08A	19200-PM3-003	GWHO-26A
		19200-PA6-010	GWHO-08A	19200-PM3-004	GWHO-26A
		19200-PA6-020	GWHO-08A	19200-PM3-013	GWHO-26A
		19200-PA6-030	GWHO-08A	19200-PM3-014	GWHO-26A
		19200-PAO-000	GWHO-07A	19200-PN3-013	GWHO-42A
		19200-PAO-010	GWHO-07A	19200-PNA-003	GWHO-52A
		19200-PB2-000	GWHO-10A	19200-PO1-003	GWHO-26A
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		19200-PB2-405	GWHO-10A	19200-PO8-003	GWHO-32A
		19200-PC0-000	GWHO-07A	19200-PO8-004	GWHO-32A
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		19200-PC1-080	GWHO-08A	19200-PR3-003	GWHO-56A
<u>HONDA</u>					
19110-634-305	GWHO-01AP				
19110-634-305	GWHO-13AP				
19110-634-315	GWHO-01AP				
19110-634-325	GWHO-13AP				
19110-634-335	GWHO-13AP				
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19110-634-375	GWHO-13AP				
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19110-657-325	GWHO-15AP				
19110-657-332	GWHO-04A				
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19110-657-375	GWHO-15AP				
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19110-671-405	GWHO-05A				
19110-689-325	GWHO-16AP				
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19200-679-033	GWHO-18A				
19200-679-043	GWHO-18A				
19200-679-053	GWHO-18A				

CROSS REFERENCE

OEM → GMB		OEM → GMB		OEM → GMB	
<u>HONDA</u>		<u>HYUNDAI</u>		<u>HYUNDAI</u>	
19200-PR4-003	GWHO-27A	25100-23001	GWHY-42A	25100-38450	GWHY-22A
19200-PR4-013	GWHO-27A	25100-23002	GWHY-35A	25100-39010	GWHY-43A*
19200-PRB-A01	GWHO-51A	25100-23002	GWHY-42A	25100-39010	GWHY-43AH
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19200-PT0-003	GWHO-28A	25100-23010	GWHY-42A	25100-39012	GWHY-43AH
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19200-PTO-013	GWHO-28A	25100-23021	GWHY-42A	25100-39802	GWHY-44AH
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19200-PWA-003	GWHO-47A	25100-23511	GWHY-42A	25100-3B002	GWHY-12A
19200-PY3-000	GWHO-35A	25100-23530	GWHY-42A	25100-3B300	GWHY-12A
19200-PY3-010	GWHO-35A	25100-24030	GWHY-17A	25100-41000	GWHY-106A
19200-PY3-A00	GWHO-36A	25100-24040	GWHY-17A	25100-41001	GWHY-106A
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19200-RBB-013	GWHO-50A	25100-26900	GWHY-23A	25100-42700	GWHY-111A
19200-RBC-013	GWHO-62A	25100-26901	GWHY-23A	25100-43000	GWHY-109A
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19200-RNA-A02	GWHO-60A	25100-27900	GWHY-32A	25237-42010	GWHY-07F
19200-RTA-003	GWHO-50A	25100-2A000	GWHY-52A	25237-42050	GWHY-11F
19200-RZP-003	GWHO-63A	25100-2A001	GWHY-52A	25237-42101	GWHY-30F-01
19200-RZP-013	GWHO-63A	25100-2B000	GWHY-85A	25237-42200	GWHY-26F
19210-PD6-305	GWHO-21A	25100-32000	GWHY-109A	25237-42560	GWHY-19F
19210-PD6-515	GWHO-21A	25100-32010	GWHY-109A	25237-42561	GWHY-19F-01
19210-PE8-305	GWHO-07A	25100-32020	GWHY-109A	25237-42610	GWHY-32F
19210-PFB-003	GWHO-45A	25100-32031	GWHY-109A	25237-42620	GWHY-47F
19210-PH1-305	GWHO-23A	25100-32033	GWHY-109A	25237-42650	GWHY-45F
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19210-PH1-515	GWHO-23A	25100-32500	GWHY-105A	25237-42920	GWHY-20F
19210-PH3-305	GWHO-30A	25100-32501	GWHY-105A	25237-42921	GWHY-20F-01
19210-PK2-305	GWHO-29A	25100-32502	GWHY-105A	25237-42922	GWHY-20F-02
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19210-RGA-000	GWHO-58A	25100-32512	GWHY-105A	25237-93110	GWHY-02F
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19210-RGA-J10	GWHO-58A	25100-33011	GWHY-08A	25239-41301	GWHY-10F
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8-97215-975	GWHO-38A	25100-33030	GWHY-08A	25239-45020	GWHY-37F
		25100-33111	GWHY-09A	25239-45101	GWHY-23F
		25100-33112	GWHY-09A	25239-45500	GWHY-36F
		25100-33120	GWHY-09A	25239-45550	GWHY-48F
		25100-33122	GWHY-09A	25239-70010	GWHY-17F
		25100-33130	GWHY-09A	25239-72120	GWHY-09F
		25100-33132	GWHY-09A	25239-84410	GWHY-31F
		25100-36000	GWHY-130A	25720-43600	GWHY-08F
		25100-36010	GWHY-130A	25720-43660	GWHY-15F
		25100-36020	GWHY-130A	25720-55010	GWHY-13F
		25100-36030	GWHY-130A	25720-55200	GWHY-29F
		25100-37102	GWHY-45A	25720-5E100	GWHY-43F
		25100-37200	GWHY-45A	25720-81041	GWHY-01F-01
		25100-37201	GWHY-45A	25720-8A800	GWHY-27F
		25100-37202	GWHY-45A	25720-8C300	GWHY-33F-00
		25100-38002	GWHY-11A	25720-8C400	GWHY-33F-01
		25100-38200	GWHY-11A	25720-8C800	GWHY-39F
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25100-02500	GWHY-19A				
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25100-02502	GWHY-19A				
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25100-21000	GWHY-17A				
25100-21010	GWHY-17A				
25100-22010	GWHY-17A				
25100-22012	GWHY-17A				
25100-22650	GWHY-17A				
25100-23001	GWHY-35A				

CROSS REFERENCE

OEM → GMB		OEM → GMB		OEM → GMB	
<u>HYUNDAI</u>		<u>ISUZU</u>		<u>ISUZU</u>	
M07251-02400	GWHY-19A	5-86132944	GWIS-41A	8-94376857	GWIS-37A
M25100-23500	GWHY-42A	5-86140577	GWN-47AF	8-94376858	GWIS-23A
M251004A000	GWHY-70A	5-94376864	GWIS-10A	8-94376859	GWIS-20A
MD030863	GWHY-17A	7-94140341	GWIS-25A	8-94376863	GWIS-43A
MD997076	GWHY-17A	8-12559271	GWIS-53A	8-94376865	GWIS-17A
MD997609	GWHY-17A	8-24576952	GWIS-53A	8-94376866	GWIS-30A
X25232-36001	GWHY-12F	8-64332637	GWIS-22A	8-94379472	GWIS-25A
		8-64332638	GWIS-31A	8-94379924	GWIS-35A
		8-89017439	GWIS-53A	8-94387613	GWIS-36A
		8-90322506	GWIS-53A	8-94405039	GWIS-36A
		8-90466343	GWIS-53A	8-94411901	GWIS-36A
<u>IHC</u>		8-92064391	GWIS-47A	8-94415090	GWIS-36A
861236	GWIH-01A	8-92067078	GWIS-47A	8-94419461	GWIS-25A
270918-C93	GWIH-01A	8-94021773	GWIS-22A	8-94437048	GWIS-01A
2930-073-3473	GWIH-01A	8-94104755	GWIS-23A	8-94439850	GWIS-35A
463365-C91	GWIH-01A	8-94109591	GWIS-30A	8-94439851	GWIS-37A
861236-R92	GWIH-01A	8-94115065	GWIS-29A	8-94439875	GWIS-37A
		8-94117501	GWIS-28A	8-94441846	GWIS-23A
		8-94118353	GWIS-28A	8-94461173	GWIS-25A
		8-94118501	GWIS-28A	8-94471469	GWIS-36A
<u>ISUZU</u>		8-94120768	GWIS-20A	8-94471470	GWIS-36A
14109591	GWIS-30A	8-94129554	GWIS-35A	8-94483167	GWIS-43A
94331664	GWIS-33A	8-94136076	GWIS-19A	8-97001775	GWIS-29A
97012298	GWIS-01A	8-94136167	GWIS-19A	8-97010200	GWIS-19A
97031472	GWIS-33A	8-94136380	GWIS-19A	8-97010201	GWIS-28A
97360200	GWIS-32A	8-94140341	GWIS-25A	8-97010772	GWIS-37A
1-13610819	GWIS-49A	8-94146326	GWIS-22A	8-97012298	GWIS-01A
1-21650062	GWIS-21F	8-94155065	GWIS-29A	8-97012773	GWIS-22A
1-21650159	GWIS-21F	8-94174226	GWIS-31A	8-97018556	GWIS-35A
5-136161012	GWIS-15A	8-94176989	GWIS-16A	8-97018560	GWIS-25A
5-13610009	GWIS-17A	8-94202477	GWIS-01A	8-97018777	GWIS-34A
5-13610012	GWIS-15A	8-94224456	GWIS-19A	8-97021171	GWIS-35A
5-13610027	GWIS-17A	8-94224894	GWIS-01A	8-97021772	GWIS-37A
5-13610038	GWIS-10A	8-94232082	GWIS-26A	8-97021773	GWIS-22A
5-13610041	GWIS-17A	8-94239649	GWIS-20A	8-97021774	GWIS-31A
5-13610047	GWIS-43A	8-94239851	GWIS-37A	8-97021775	GWIS-29A
5-13610057	GWIS-43A	8-94240089	GWIS-19A	8-97028595	GWIS-43A
5-13610077	GWIS-43A	8-94240378	GWIS-19A	8-97031472	GWIS-33A
5-13610105	GWIS-14A	8-94241525	GWIS-23A	8-97031473	GWIS-32A
5-13610124	GWIS-20A	8-94244409	GWIS-20F	8-97037966	GWIS-25A
5-13610150	GWIS-16A	8-94251251	GWIS-20A	8-97061280	GWIS-34A
5-13610163	GWIS-43A	8-94257855	GWIS-20A	8-97062796	GWIS-25A
5-13610169	GWIS-43A	8-94310025	GWIS-25A	8-97073951	GWIS-42A
5-13610170	GWIS-43A	8-94310251	GWIS-25A	8-97081623	GWIS-31A
5-13610172	GWIS-23A	8-94329649	GWIS-20A	8-97081624	GWIS-22A
5-13610174	GWIS-20A	8-94332637	GWIS-22A	8-97084505	GWIS-29A
5-13610178	GWIS-23A	8-94332638	GWIS-31A	8-97100852	GWIS-29A
5-13610179	GWIS-10A	8-94332920	GWIS-26A	8-97105012	GWIS-45A
5-13610184	GWIS-37A	8-94332922	GWIS-29A	8-97109676	GWIS-42A
5-13610187	GWIS-16A	8-94334671	GWIS-42A	8-97123330	GWIS-25A
5-13610417	GWIS-10A	8-94372119	GWIS-35A	8-97125424	GWIS-34A
5-13616169	GWIS-43A	8-94376832	GWIS-10A	8-97125975	GWIS-34A
5-13616184	GWIS-37A	8-94376837	GWIS-20A	8-97136127	GWIS-34A
5-86003637	GWIS-39A	8-94376843	GWIS-16A	8-97167554	GWIS-44A
5-86003638	GWIS-39A	8-94376844	GWIS-25A	8-97210501	GWIS-45A
5-86003639	GWIS-40A	8-94376846	GWIS-22A	8-97312147	GWIS-50A
5-86003640	GWIS-40A	8-94376847	GWIS-31A	8-97312147	GWIS-50A
5-86003904	GWIS-38A	8-94376848	GWIS-26A	8-97333361	GWIS-42A
5-86003905	GWIS-38A	8-94376850	GWIS-29A	8-97360200	GWIS-32A
5-86008904	GWIS-38A	8-94376851	GWIS-25A	8-97372119	GWIS-35A
5-86008905	GWIS-38A	8-94376853	GWIS-35A	8-97376843	GWIS-16A
5-86103073	GWIS-41A	8-94376854	GWIS-37A	8-97602781	GWIS-48A
5-86123822	GWIS-41A				

CROSS REFERENCE

OEM → GMB		OEM → GMB		OEM → GMB	
<u>ISUZU</u>		<u>KIA</u>		<u>MAZDA</u>	
8-97627357	GWIS-51A	25215-4Z200	GWK-20F-01	0324-15-010D	GWMZ-03A
8-97942209	GWIS-46A	8AB515010A	GWK-71A	0324-15-010E	GWMZ-03A
8-97942972	GWIS-46A	8AB815010A	GWK-71A	0324-15-131	GWMZ-03A
9-13610105	GWIS-14A	8AW215100	GWK-40A	0324-15-140A	GWMZ-03A
9-13610179	GWIS-10A	9AW215100	GWK-40A	0324-15-151A	GWMZ-03A
9-13610265	GWIS-10A	AA100-15-010A	GWK-20A	0324-99-151	GWMZ-03A
9-13610323	GWIS-10A	E7FZ-8501B	GWK-52A	0324-99-151A	GWMZ-03A
9-13610325	GWIS-43A	E9JY8501B	GWK-71A	0381-15-010	GWMZ-10A
9-13610394	GWIS-43A	K431-15-010	GWK-40A	0381-15-010A	GWMZ-10A
9-13610417	GWIS-10A	K631-15-100	GWK-18A	0381-15-010B	GWMZ-10A
9-13610423	GWIS-14A	K800-15-010	GWK-27A	0381-15-010C	GWMZ-10A
9-13610605	GWIS-10A	KKY01-15-010	GWK-31A	0381-99-151	GWMZ-10A
9-13617605	GWIS-10A	KKY01-15-010D	GWK-31A	0381-99-151A	GWMZ-10A
9-13617608	GWIS-15A	OFE3N15010D	GWK-19A	0550-15-010	GWMZ-13A*
9-13617635	GWIS-10A	OFE3N15010F	GWK-19A	0552-15-010	GWMZ-14A
9-13617636	GWIS-17A	OFE3N15010G	GWK-19A	0552-15-010G	GWMZ-14A
9-13617637	GWIS-14A	OK04R15010	GWK-02AH	0552-15-010H	GWMZ-14A
9-13617801	GWIS-17A	OK24A-15-010	GWK-17A	0552-15B-010	GWMZ-14A
9-94224093	GWIS-01A	OK30C15010A	GWK-31A	0559-15-010	GWMZ-13A*
9-94224894	GWIS-01A	OK61415010A P01	GWK-18A	0636-15-010	GWMZ-13A*
T.K.4576	GWIS-27A	OK63115100	GWK-18A	0636-15-100	GWMZ-13A*
YJ01-15-100A	GWIS-42A	OK65A15100	GWK-15A	0727-15-100C	GWMZ-27A
		OK65A-15-100A	GWK-15A	0750-15-010	GWMZ-13A*
		OK65A15100B	GWK-15A	0750-15-010C	GWMZ-13A*
		OK706-15-010	GWK-23A	0750-15-100	GWMZ-13A*
		OK710 15 010	GWK-02AH	0777-15-010	GWMZ-07A
		OK710-15-010	GWK-52A	0777-15-010B	GWMZ-07A
		OK71015010A	GWK-02AH	0FE1H-15-010G	GWMZ-32A
		OK71015010B	GWK-02AH	0FE1H-15-010H	GWMZ-32A
		OK710-15-140A	GWK-52A	0K590-15-010	GWMZ-28A
		OK900-15-010	GWK-25A	0K710-15-010	GWMZ-30A*
		OK900-15-010G	GWK-25A	0K710-15-010A	GWMZ-30A*
		OK917-15-010	GWK-25A	0K756-15-010	GWMZ-28A
		OK930-15-010A	GWK-31A	0K900-15-010	GWMZ-25A
		OK9BV-15-010	GWK-21A	0K900-15-010G	GWMZ-25A
		RF951-5010	GWK-52A	0K917-15-010	GWMZ-25A
		VS01 15 140A	GWK-08F	0K930-15-010A	GWMZ-31A
				0K937-15-010	GWMZ-35A
				1345-15-010A	GWMZ-26A
				1361-15-010	GWMZ-13A*
				1361-15-100	GWMZ-13A*
				1363-15-010	GWMZ-13A*
				1363-15-010A	GWMZ-13A*
				1363-15-010B	GWMZ-

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OEM → GMB		OEM → GMB		OEM → GMB	
<u>MAZDA</u>		<u>MAZDA</u>		<u>MAZDA</u>	
1757-23-920A	GWMZ-18A*	2X4Z 8507-BA	GWMZ-75A	8AG1-15-010A	GWMZ-29A
1757-23-920B	GWMZ-18A*	3299-15-010	GWMZ-24A	8AG1-15-010B	GWMZ-29A
1757-23-920G	GWMZ-18A*	3648-15-130	GWMZ-18A*	8AG2-15-010	GWMZ-56A
1757-23-925	GWMZ-18A*	3648-15-130A	GWMZ-18A*	8AG2-15-010A	GWMZ-56A
1757-23-925B	GWMZ-18A*	3648-15-130B	GWMZ-18A*	8AG2-15-010B	GWMZ-56A
1757-23-925E	GWMZ-18A*	3648-15-130C	GWMZ-18A*	8AG2-15-010C	GWMZ-56A
1757-23-925F	GWMZ-18A*	3648-15-130D	GWMZ-18A*	8AG2-15-100	GWMZ-30A*
1757-99-153A	GWMZ-18A*	3648-15-130E	GWMZ-18A*	8AG2-15-100B	GWMZ-30A*
1A00-15-010	GWMZ-65A	3648-15-130F	GWMZ-18A*	8AG2-15-100C	GWMZ-30A*
1A01-15-010A	GWMZ-59A*	3648-15-130G	GWMZ-18A*	8AG3-15-010	GWMZ-25A
1A02-15-010A	GWMZ-59A*	4892-15-010	GWMZ-13A*	8AG3-15-010B	GWMZ-25A
1A03-15-010	GWMZ-65A	4892-15-010F	GWMZ-13A*	8AG3-15-010D	GWMZ-25A
1A04-15-010	GWMZ-66A	5L8Z 8501-A	GWMZ-75A	8AG3-15-100	GWMZ-25A
1A05-15-010A	GWMZ-60A*	5M8Z 8501-A	GWMZ-75A	8AG4-15-010	GWMZ-50A*
1A06-15-010	GWMZ-66A	5M8Z 8501-B	GWMZ-75A	8AG4-15-010A	GWMZ-50A*
1A09-15-010D	GWMZ-63A*	81BB-15-010A	GWMZ-39A	8AG6-15-010	GWMZ-30A*
1A12-15-010B	GWMZ-61A*	8363-15-010	GWMZ-13A*	8AG6-15-010A	GWMZ-30A*
1A12-15-010C	GWMZ-61A*	8553-15-010A	GWMZ-18A*	8AG7-15-010	GWMZ-25A
1A13-15-010B	GWMZ-62A*	8553-15-010B	GWMZ-18A*	8AG7-15-010A	GWMZ-25A
1A13-15-010C	GWMZ-62A*	8553-15-010C	GWMZ-18A*	8AG7-15-010B	GWMZ-25A
1A14-15-010	GWMZ-67A*	8553-15-010D	GWMZ-18A*	8AG8-15-010	GWMZ-69A
1A14-15-010	GWMZ-67AH	8553-15-010E	GWMZ-18A*	8AG9-15-010	GWMZ-41A
1A14-15-010A	GWMZ-67A*	8553-15-010F	GWMZ-18A*	8AG9-15-010A	GWMZ-41A
1A14-15-010A	GWMZ-67AH	8872-15-010	GWMZ-18A*	8AGA-15-010	GWMZ-50A
1A14-15-010B	GWMZ-67A*	8872-15-010A	GWMZ-18A*	8AH2-15-010	GWMZ-32A
1A14-15-010B	GWMZ-67AH	8872-15-010B	GWMZ-18A*	8AH2-15-010A	GWMZ-32A
1A14-15-010C	GWMZ-67A*	8872-15-010C	GWMZ-18A*	8AH2-15-010B	GWMZ-32A
1A14-15-010C	GWMZ-67AH	8872-15-010D	GWMZ-18A*	8AH3 15 010EA	GWMZ-36A
1A14-15-010D	GWMZ-67A*	8872-15-010E	GWMZ-18A*	8AH3-15-010	GWMZ-36A
1A14-15-010D	GWMZ-67AH	8872-15-010F	GWMZ-18A*	8AH3-15-010A	GWMZ-36A
1A15-15-010	GWMZ-68A*	8872-15-010G	GWMZ-18A*	8AH3-15-010B	GWMZ-36A
1A15-15-010	GWMZ-68AH	8AB1-15-010	GWMZ-21A*	8AH3-15-010C	GWMZ-36A
1A15-15-010A	GWMZ-68A*	8AB2-15-010	GWMZ-21A*	8AH3-15-010D	GWMZ-36A
1A15-15-010A	GWMZ-68AH	8AB3-15-010	GWMZ-31A	8AH3-15-010E	GWMZ-36A
1A15-15-010B	GWMZ-68A*	8AB3-15-010	GWMZ-31A	8AH3-15-010EA	GWMZ-36A
1A15-15-010B	GWMZ-68AH	8AB3-15-010A	GWMZ-31A	8AH4-15-010	GWMZ-32A
1A15-15-010C	GWMZ-68A*	8AB3-15-010B	GWMZ-31A	8AH7-15-010	GWMZ-53A
1A15-15-010C	GWMZ-68AH	8AB4-15-010	GWMZ-31A	8AH7-15-010C	GWMZ-53A
1A17-15-010A	GWMZ-61A*	8AB4-15-010A	GWMZ-31A	8AK1-15-010	GWMZ-32A
1A18-15-010B	GWMZ-62A*	8AB5-15-010	GWMZ-35A	8AK1-15-010A	GWMZ-32A
1A20-15-010A	GWMZ-72A*	8AB5-15-010A	GWMZ-35A	8AK1-15-010B	GWMZ-32A
1A20-15-010A	GWMZ-72AH	8AB6-15-010	GWMZ-51A	8AK2-15-010	GWMZ-43A
1A21-15-010	GWMZ-73A*	8AB6-15-010A	GWMZ-51A	8AK3-15-010B	GWMZ-74A
1A21-15-010	GWMZ-73AH	8AB7-15-010	GWMZ-31A	8AL1-15-010	GWMZ-38A
1A61-15-010B	GWMZ-60A*	8AB8-15-010	GWMZ-35A	8AL1-15-010A	GWMZ-38A
1F00-15-010	GWMZ-44A	8AB9-15-010	GWMZ-51A	8AL1-15-010B	GWMZ-38A
1K00-15-100	GWIS-45A	8AB9-15-010A	GWMZ-51A	8AL2-15-010	GWMZ-36A
1N00-15-010	GWMZ-46A	8ABB-15-010	GWMZ-39A	8AL4-15-010	GWMZ-48A
1N01-15-010	GWN-55A	8ABB-15-010A	GWMZ-39A	8AL4-15-010A	GWMZ-48A
1N05-15-010	GWMZ-46A	8ABB-15-010AA	GWMZ-39A	8AL4-15-100	GWMZ-49A
1N18-15-010	GWN-73A	8ABB-15-010B	GWMZ-39A	8AL4-15-110	GWMZ-49A
1N19-15-010	GWMZ-46A	8ABC-15-010	GWMZ-55A	8ALA-15-010	GWMZ-49A
1N20-15-010	GWN-48A	8ABE-15-010	GWMZ-55A	8ALA-15-100	GWMZ-49A
1N21-15-010	GWN-42A	8ABS-15-010	GWMZ-35A	8ALA-15-100A	GWMZ-49A
21010-HC225	GWMZ-30A*	8ABT-15-010A	GWMZ-21A	8AS4-15-010	GWMZ-03A
21010-HC400	GWMZ-71A	8AC4-15-010	GWMZ-48A	8AS4-15-010A	GWMZ-03A
21010-HC425	GWMZ-71A	8AD1-15-010	GWMZ-35A	8AS6-15-010	GWMZ-32A
21010-HC426	GWMZ-71A	8AD2-15-010	GWMZ-31A	8AS6-15-010A	GWMZ-71A
21010-HC427	GWMZ-71A	8AD2-15-010A	GWMZ-31A	8AW1-15-100	GWMZ-22A
21010-J2004	GWMZ-71A	8AE2-15-010	GWMZ-42A	8AW1-15-100A	GWMZ-22A
21011-HC400	GWMZ-71A	8AE2-15-010A	GWMZ-42A	8AW2-15-100	GWMZ-40A
2S7Z 8501-BG	GWMZ-75A	8AG1-15-010	GWMZ-29A	8AW2-15-100A	GWMZ-40A*

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OEM → GMB		OEM → GMB		OEM → GMB	
<u>MAZDA</u>		<u>MAZDA</u>		<u>MAZDA</u>	
8AW3-15-100	GWMZ-22A	F801-15-010	GWMZ-25A	R201-15-010B	GWMZ-30A*
8AW3-15-100A	GWMZ-22A	F801-15-010A	GWMZ-25A	R201-15-010C	GWMZ-30A*
8AW3-15-100B	GWMZ-22A	F801-15-010B	GWMZ-25A	R2S2-15-010B	GWMZ-30A*
8AW4-15-100	GWMZ-40A*	F801-15-010C	GWMZ-25A	R630-15-010	GWMZ-31A
8AW4-15-100A	GWMZ-40A*	F801-15-010D	GWMZ-25A	RF01-99-154	GWMZ-30A
8AW5-15-100	GWMZ-52A	FE3P-15-100	GWMZ-56A	RF01-99-154A	GWMZ-30A
8AW8-15-010	GWMZ-40A*	FE79-15-010	GWMZ-29A	RF03-15-010	GWMZ-30A*
8AW8-15-100	GWMZ-40A	FE79-15-010B	GWMZ-29A	RF03-15-010B	GWMZ-30A*
8AWA-15-100	GWMZ-52A	FE79-15-010C	GWMZ-29A	RF2A-15-100A	GWMZ-70A
8AWA-15-100A	GWMZ-52A	FE79-15-010D	GWMZ-29A	RF2A-15-100B	GWMZ-70A
8BA1-15-010	GWS-22A	FE79-15-010E	GWMZ-29A	RF2A-15-100C	GWMZ-70A
9013028-02	GWMZ-29A	FE79-15-010F	GWMZ-29A	RF95-15-010	GWMZ-30A*
97TM-85-05A	GWMZ-47A	FE79-15-010G	GWMZ-29A	RF95-15-010C	GWMZ-30A*
9AW2-15-100	GWMZ-40A*	FE79-15-010H	GWMZ-29A	RF95-15-100B	GWMZ-30A*
AJ03-15-010	GWMZ-54A*	FE79-15-010J	GWMZ-29A	RFF5-7E-8505	GWMZ-44A
AJ03-15-010B	GWMZ-54A*	FEMJ-15-100	GWMZ-71A	RFFS-7E-8505	GWMZ-44A
AJ03-15-010G	GWMZ-75A	FEMJ-15-100R	GWMZ-32A	RFG1-15-100	GWMZ-25A
AJ57-15-116	GWMZ-75A	FP01-15-010	GWMZ-69A	SE01-15-010	GWMZ-22A
AJY1-15-010	GWMZ-54A*	FP01-15-010F	GWMZ-69A	SE01-15-100	GWMZ-22A
AZ01-15-010	GWMZ-64A	FP01-15-010G	GWMZ-69A	SEA1-15-100	GWMZ-22A
AZ01-15-011	GWMZ-64A	FS01-15-010F	GWMZ-41A	SEA1-15-100B	GWMZ-22A
AZ01-15-012	GWMZ-64A	G601-15-010C	GWMZ-38A	SL01-15-100	GWMZ-40A*
AZ01-15-013	GWMZ-64A	G601-15-010D	GWMZ-38A	SL01-15-100D	GWMZ-40A*
AZ12-15-010	GWMZ-64A	GE19-15-010	GWMZ-14A	SLA1-15-100A	GWMZ-40A
AZ12-15-010A	GWMZ-64A	GY01-15-010B	GWMZ-54A*	SLE1-15-100	GWMZ-40A*
AZ12-15-010B	GWMZ-64A	JE48-15-010E	GWMZ-53A	TF04-15-100A	GWMZ-52A
AZ13-15-010	GWMZ-64A	JE96-15-010B	GWMZ-48A	TF04-15-100B	GWMZ-52A
AZ13-15-010A	GWMZ-64A	K431-15-010	GWMZ-40A*	TF04-15-100S	GWMZ-52A
B301-15-010	GWMZ-31A	K590-15-010	GWMZ-28A	WL11-15-100E	GWMZ-49A
B33G-15-010	GWMZ-31A	K710-15-010	GWMZ-30A*	WL81-15-100A	GWMZ-49A
B3C7-15-010	GWMZ-31A	K756-15-010	GWMZ-28A	ZJ01-15-010A	GWMZ-57A
B3C7-15-010A	GWMZ-31A	K800-15-010	GWMZ-27A	ZJ01-15-010B	GWMZ-57A
B3C7-15-010B	GWMZ-31A	KJ01-15-010H	GWMZ-74A	ZL01-15-010	GWMZ-55A
B630-15-010	GWMZ-31A	KJ01-15-106A	GWMZ-74A	ZL01-15-010A	GWMZ-55A
B630-15-010A	GWMZ-31A	KKY01-15-010	GWMZ-31A	ZZL0-15-010	GWMZ-47A
B630-15-010D	GWMZ-31A	KL47-15-010	GWMZ-43A	ZZL0-15-010A	GWMZ-47A
B660-15-010B	GWMZ-35A	KL47-15-010C	GWMZ-43A	ZZM1-15-010	GWMZ-37A
B660-15-010C	GWMZ-35A	L327-15-100	GWMZ-58A	ZZM3-15-010	GWMZ-44A
B660-15-010E	GWMZ-35A	L327-15-100A	GWMZ-58A	ZZM5-15-010	GWMZ-47A
B660-15-010R	GWMZ-35A	LF01-15-100A	GWMZ-58A	ZZM7-15-010	GWMZ-45A
B6BF-15-010F	GWMZ-39A	LF52-15-100	GWMZ-58A	ZZMA-15-010	GWMZ-37A
B6BFE-15-010	GWMZ-39A	LF70-15-010	GWMZ-58A	ZZP0-15-010	GWMZ-44A
B6BFE-15-010A	GWMZ-39A	LF94-15-100A	GWMZ-58A	ZZP0-15-010A	GWMZ-44A
B6BFE-15-010B	GWMZ-39A	N225-15-010	GWMZ-18A*	ZZSA-15-010A	GWS-14A
B6BFE-15-101A	GWMZ-39A	N225-15-010C	GWMZ-18A*		
E301-15-010	GWMZ-21A*	N225-15-010D	GWMZ-18A*		
E301-15-010A	GWMZ-21A*	N225-15-010E	GWMZ-18A*		
E301-15-010B	GWMZ-21A*	N225-15-010F	GWMZ-18A*		
E301-15-010C	GWMZ-21A*	N225-15-010G	GWMZ-18A*		
E301-15-010D	GWMZ-21A*	N225-15-010H	GWMZ-18A*		
E301-15-010F	GWMZ-21A*	N225-15-010I	GWMZ-18A*		
E5B6-15-010	GWMZ-21A*	N232-99-153	GWMZ-18A*		
E5B6-15-010A	GWMZ-21A*	N232-99-153A	GWMZ-18A*		
E5B6-15-010B	GWMZ-21A*	OFE3N-15-010D	GWK-19A		
E5B6-15-010C	GWMZ-21A*	OFE3N-15-010E	GWK-19A		
E5B6-15-010D	GWMZ-21A*	OFE3N-15-010F	GWK-19A		
E5B6-15-010N	GWMZ-21A*	OK900-15-010A	GWMZ-25A		
E92Z-8501A	GWMZ-71A	OK900-15-010G	GWMZ-25A		
F02Z-8501A	GWMZ-71A	PN11-15-010A	GWMZ-51A		
F4BZ-8501B	GWMZ-31A	PN40-15-010	GWMZ-51A		
F59Z8501A	GWMZ-45A	R201-15-010	GWMZ-30A*		
F7GZ-8501A	GWMZ-31A	R201-15-010A	GWMZ-30A*		
				<u>MERCEDES BENZ</u>	
				1022000520	GWBE-06A
				1022000620	GWBE-06A
				1022000920	GWBE-06A
				1022003901	GWBE-06A
				1022004901	GWBE-06A
				1022005001	GWBE-06A
				1022006201	GWBE-06A
				1102001720	GWBE-02A
				1102010101	GWBE-02A
				1152001820	GWBE-02A
				1172000202	GWBE-03A
				1172000901	GWBE-03A
				1172002801	GWBE-03A
				1172003801	GWBE-03A

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OEM → GMB		OEM → GMB		OEM → GMB	
<u>MERCEDES BENZ</u>		<u>MITSUBISHI</u>		<u>MITSUBISHI</u>	
1172010201	GWBE-03A	25100-33132	GWM-40A*	MD365087	GWM-54A
1212001020	GWBE-02A	25100-35010	GWM-40A*	MD370803	GWM-54A
6172000620	GWBE-02A	25100-35020	GWM-40A*	MD664616	GWM-39A
110-200-0120	GWBE-02A	25100-35050	GWM-40A*	MD970338	GWM-24A
110-200-0920	GWBE-02A	25100-36010	GWM-40A*	MD971538	GWM-48A
110-200-0980	GWBE-02A	8BU1-15-010	GWM-37A	MD971539	GWM-56A
110-200-1720	GWBE-02A	AD077219	GWM-34A	MD971582	GWM-23A
111-200-0401	GWBE-04A	K435080-1	GWM-02A	MD971983	GWM-50A
111-200-4001	GWBE-04A	K485050-0	GWM-01A	MD972001	GWM-39A
111-201-0401	GWBE-04A	MB302010	GWM-55A	MD972002	GWM-52A
112-200-0123	GWBE-05A	MD001300	GWM-01A	MD972003	GWM-40A*
112-200-0201	GWBE-05A	MD008431	GWM-15A	MD972003	GWM-74A*
112-200-0401	GWBE-05A	MD009000	GWM-12A	MD972004	GWM-40A*
112-200-1101	GWBE-05A	MD009019	GWM-12A	MD972004	GWM-74A*
112-200-1401	GWBE-05A	MD011300	GWM-02A	MD972004A	GWM-40A*
112-202-0110	GWBE-05A	MD011757	GWM-27A	MD972005	GWM-50A
115-200-0020	GWBE-02A	MD015030	GWM-20A	MD972006	GWM-56A
115-200-1520	GWBE-02A	MD015045	GWM-33A	MD972050	GWM-48A
115-200-1580	GWBE-02A	MD019461	GWM-30A	MD972051	GWM-23A
117 200 08 01	GWBE-03A	MD021490	GWM-13A	MD972052	GWM-44A
117 200 38 01	GWBE-03A	MD021502	GWM-13F	MD972052A	GWM-44A
117-200-0001	GWBE-03A	MD025190	GWM-22A	MD972053	GWM-45A
117-200-0201	GWBE-03A	MD025474	GWM-26A	MD972053A	GWM-45A
117-200-0301	GWBE-03A	MD025475	GWM-26A	MD972054	GWM-56A
117-200-0801	GWBE-03A	MD030750	GWM-16A	MD972440	GWM-60A
121-200-0920	GWBE-02A	MD030751	GWM-14A	MD972456	GWM-47A
A1172000301	GWBE-03A	MD030863	GWM-17A	MD972934	GWM-61A
A1172003801	GWBE-03A	MD034152	GWM-19A	MD973025	GWM-51A
		MD034204	GWM-13F	MD974649	GWM-77A
		MD041041	GWM-23A	MD974719	GWM-19A
		MD041050	GWM-24A	MD974748	GWM-32A
		MD050450	GWM-32A	MD974748	GWM-39A
		MD060460	GWM-39A	MD974899	GWM-70A
		MD076245	GWM-36A	MD974999	GWM-52A
		MD077219	GWM-34A	MD975292	GWM-13A
		MD079714	GWM-35A	MD975644	GWM-81A
		MD093608	GWM-13A	MD975913	GWM-81A
		MD117633	GWM-41A	MD976464	GWM-80A
		MD117633	GWM-43A	MD976943	GWM-80A
		MD121243	GWM-45A	MD977025	GWM-73A
		MD129490	GWM-42A	MD977210	GWM-64A
		MD166048	GWM-39A	MD977244	GWM-40A*
		MD168048	GWM-39A	MD977311	GWM-81A
		MD168050	GWM-39A	MD977503	GWM-79A*
		MD179030	GWM-47A	MD978552	GWM-81A
		MD188340	GWM-50A	MD978743	GWM-51A
		MD195193	GWM-72A	MD978764	GWM-51A
		MD199527	GWM-71A	MD979171	GWM-79A*
		MD300389	GWM-61A	MD979313	GWM-78A
		MD300799	GWM-47A	MD979395	GWM-78A
		MD300802	GWM-48A	MD980000	GWM-40A*
		MD301847	GWM-39A	MD997001	GWM-39A
		MD302010	GWM-55A	MD997033	GWM-26A
		MD306414	GWM-47A	MD997074	GWM-30A
		MD309756	GWM-59A	MD997075	GWM-16A
		MD313301	GWM-58A	MD997076	GWM-17A
		MD317677	GWM-66A	MD997077	GWM-12A
		MD317679	GWM-99F	MD997078	GWM-19A
		MD323372	GWM-54A	MD997079	GWM-23A
		MD346790	GWM-59A	MD997080	GWM-23A
		MD350772	GWM-75A	MD997081	GWM-27A
		MD352389	GWM-76A	MD997082	GWM-13A
<u>MITSUBISHI</u>					
1300A036	GWM-90A				
1300A040	GWM-64A				
1300A065	GWM-78A				
1300A066	GWM-78A				
1300A069	GWM-81A				
1300A082	GWM-93AMPH				
1300A082	GWM-93AMP*				
1300A082	GWM-93AM*				
1300A082	GWM-93AMH*				
1300A083	GWM-93AMPH				
1300A083	GWM-93AMP*				
1300A083	GWM-93AM*				
1300A083	GWM-93AMH*				
1300A087	GWM-90A				
25100-21000	GWM-17A				
25100-21020	GWM-17A				
25100-21030	GWM-17A				
25100-22012	GWM-17A				
25100-25002	GWM-93AMPH				
25100-25002	GWM-93AMP*				
25100-25002	GWM-93AM*				
25100-25002	GWM-93AMH*				
25100-25010	GWM-17A				
25100-33001	GWM-53A				
25100-33011	GWM-53A				
25100-33012	GWM-53A				
25100-33020	GWM-45A				
25100-33101	GWM-40A*				
25100-33111	GWM-40A*				
25100-33112	GWM-40A*				

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<u>MITSUBISHI</u>		<u>MITSUBISHI</u>		<u>NISSAN</u>	
MD997083	GWM-26A	ME015010	GWM-20A	21010-02N85	GWN-47AF
MD997084	GWM-32A	ME015020	GWM-20A	21010-02N88	GWN-47AF
MD997124	GWM-35A	ME015030	GWM-33A	21010-02N90	GWN-47AF
MD997147	GWM-67A	ME015040	GWM-33A	21010-02N93	GWN-47AF
MD997149	GWM-13A	ME015045	GWM-33A	21010-02N94	GWN-47AF
MD997150	GWM-39A	ME015050	GWM-33A	21010-02P03	GWN-28A
MD997151	GWM-39A	ME015202	GWM-20A	21010-02P25	GWN-28A
MD997157	GWM-37A	ME015217	GWM-65A	21010-02P26	GWN-28A
MD997158	GWM-37A	ME025100	GWM-21A	21010-02P27	GWN-28A
MD997160	GWM-39A	ME025100	GWM-29A	21010-02P28	GWN-28A
MD997170	GWM-39A	ME200411	GWM-57A	21010-02P29	GWN-28A
MD997177	GWM-69A	ME202890	GWM-67A	21010-02P85	GWN-28A
MD997178	GWM-37A	ME993473	GWM-57A	21010-03J25	GWN-45A
MD997244	GWM-40A*	ME993474	GWM-83A	21010-03J26	GWN-45A
MD997401	GWM-63A	ME993475	GWM-67A	21010-03M00	GWN-42A
MD997402	GWM-43A	ME993476	GWM-67A	21010-05E25	GWN-63A
MD997409	GWM-43A	ME993513	GWM-33A	21010-05E26	GWN-63A
MD997417	GWM-44A	ME993515	GWM-68A	21010-05E27	GWN-63A
MD997418	GWM-53A	ME993839	GWM-98AM	21010-06E01	GWN-36A
MD997419	GWM-13A	ME995286	GWM-67A	21010-06E02	GWN-35A
MD997421	GWM-46A	ME995424	GWM-65A	21010-06E25	GWN-35A
MD997430	GWM-45A	ME996789	GWM-57A	21010-06E26	GWN-35A
MD997464	GWM-14A	ME996790	GWM-83A	21010-06J25	GWN-60A
MD997465	GWM-24A	ME996792	GWM-67A	21010-06J26	GWN-60A
MD997485	GWM-46A	ME996861	GWM-33A	21010-06J27	GWN-60A
MD997515	GWM-40A*	ME996863	GWM-33A	21010-06J28	GWN-60A
MD997536	GWM-63A	ME996865	GWM-68A	21010-06J29	GWN-60A
MD997609	GWM-17A	ME996868	GWM-65A	21010-09W24	GWN-19A
MD997609A	GWM-17A	ME997152	GWM-33A	21010-09W25	GWN-19A
MD997610	GWM-12A	ME997692	GWM-67A	21010-09W26	GWN-19A
MD997611	GWM-46A	MN143664	GWM-91A	21010-09W94	GWN-19A
MD997612	GWM-23A	MN155686	GWM-82A	21010-0F002	GWN-65AF
MD997613	GWM-23A	MN187244	GWM-93AMPH	21010-0F003	GWN-65AF
MD997614	GWM-27A	MN187244	GWM-93AMP*	21010-0M300	GWN-42A
MD997614A	GWM-27A	MN187244	GWM-93AM*	21010-0M301	GWN-42A
MD997615	GWM-23A	MN187244	GWM-93AMH*	21010-0M302	GWN-42A
MD997615A	GWM-23A	MO313301	GWM-58A	21010-0P503	GWN-95A
MD997616	GWM-37A	MQ911534	GWM-86A	21010-0P525	GWN-95A
MD997616A	GWM-37A	PW811592	GWM-85A	21010-0P526	GWN-95A
MD997618	GWM-39A			21010-0P527	GWN-95A
MD997619	GWM-46A			21010-0P528	GWN-95A
MD997619A	GWM-19A			21010-0P529	GWN-95A
MD997620	GWM-53A			21010-0T025	GWN-78A
MD997621	GWM-44A			21010-0W002	GWN-61A
MD997622	GWM-45A			21010-0W003	GWN-61A
MD997634	GWM-40A*			21010-0W025	GWN-61A
MD997643	GWM-50A			21010-0W026	GWN-61A
MD997685	GWM-49A			21010-0W027	GWN-61A
MD997686	GWM-52A			21010-0W028	GWN-61A
MD997688	GWM-64A			21010-0Z800	GWN-50A
MD997689	GWM-64A			21010-10G25	GWN-37A
MD997692	GWM-69A			21010-10G26	GWN-37A
MD997699	GWM-46A			21010-10G94	GWN-37A
MD997921	GWM-44A			21010-10GY6	GWN-37A
MD998079	GWM-23A			21010-10V00	GWN-59A
ME013169	GWM-68A			21010-10V25	GWN-59A
ME013406	GWM-33A			21010-10V26	GWN-59A
ME013408	GWM-33A			21010-10V27	GWN-59A
ME013410	GWM-68A			21010-10V28	GWN-59A
ME013864	GWM-33A			21010-12G25	GWN-41A
ME013866	GWM-33A			21010-12G26	GWN-41A
ME015005	GWM-20A			21010-12G27	GWN-41A

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<u>NISSAN</u>		<u>NISSAN</u>		<u>NISSAN</u>	
21010-12G28	GWN-41A	21010-2S525	GWN-46AF	21010-4A00D	GWN-81A*
21010-13200	GWN-01A	21010-2S526	GWN-46AF	21010-4A00G	GWN-80A*
21010-13201	GWN-01A	21010-2S526	GWN-65AF	21010-4A00J	GWN-81A*
21010-13202	GWN-01A	21010-2S527	GWN-46AF	21010-4A00K	GWS-39AH
21010-13205	GWN-01A	21010-30R05	GWN-43A	21010-4A01D	GWS-38AH
21010-13206	GWN-01A	21010-30R06	GWN-43A	21010-4A0A1	GWN-80A*
21010-13225	GWN-01A	21010-30RY6	GWN-43A	21010-4A0A2	GWN-80A*
21010-13226	GWN-01A	21010-31U00	GWN-51A	21010-4A0A3	GWN-81A*
21010-16A25	GWN-26A	21010-31U25	GWN-51A	21010-4A0A4	GWN-80A*
21010-16A26	GWN-26A	21010-31U26	GWN-51A	21010-4A0A5	GWN-81A*
21010-16A27	GWN-26A	21010-31U28	GWN-51A	21010-4A0A6	GWN-80A*
21010-16A85	GWN-26A	21010-31U85	GWN-51A	21010-4A0A7	GWN-81A*
21010-16AY5	GWN-26A	21010-31W25	GWN-19A	21010-4M500	GWN-73A
21010-16E01	GWN-36A	21010-31W94	GWN-19A	21010-4M525	GWN-73A
21010-16E02	GWN-36A	21010-35V27	GWN-46AF	21010-4M526	GWN-73A
21010-16E03	GWN-36A	21010-35V28	GWN-46AF	21010-4S100	GWN-61A
21010-16E25	GWN-36A	21010-37501	GWN-10A	21010-4S105	GWN-61A
21010-16E26	GWN-36A	21010-37502	GWN-10A	21010-4S125	GWN-61A
21010-16S85	GWN-26A	21010-37503	GWN-10A	21010-4S126	GWN-61A
21010-17S25	GWN-05A	21010-37504	GWN-10A	21010-50A11	GWN-49A
21010-17S26	GWN-05A	21010-37506	GWN-10A	21010-50A25	GWN-24A
21010-17S27	GWN-05A	21010-37522	GWN-10A	21010-50A26	GWN-24A
21010-17SY7	GWN-05A	21010-37523	GWN-10A	21010-50A27	GWN-24A
21010-18000	GWN-02A	21010-37524	GWN-10A	21010-50A28	GWN-49A
21010-18001	GWN-02A	21010-37525	GWN-10A	21010-50A29	GWN-49A
21010-18002	GWN-02A	21010-37526	GWN-10A	21010-50A89	GWN-49A
21010-18003	GWN-13AF	21010-37527	GWN-10A	21010-50A94	GWN-24A
21010-18025	GWN-02A	21010-37528	GWN-10A	21010-50AY8	GWN-49A
21010-18025	GWN-13AF	21010-37529	GWN-10A	21010-50K28	GWN-05A
21010-18026	GWN-13AF	21010-37585	GWN-10A	21010-50K29	GWN-71A
21010-18027	GWN-02A	21010-40F00	GWN-40A	21010-50T25	GWN-38A
21010-18027	GWN-13AF	21010-40F01	GWN-40A	21010-50T26	GWN-38A
21010-19B25	GWN-72A	21010-40F25	GWN-40A	21010-50T27	GWN-38A
21010-19BY5	GWN-72A	21010-40F26	GWN-40A	21010-50V25	GWN-31A
21010-1E400	GWN-50A	21010-40F27	GWN-40A	21010-50VY5	GWN-31A
21010-1E401	GWN-50A	21010-41B00	GWN-44A	21010-52F00	GWN-79A
21010-1E402	GWN-50A	21010-41B01	GWN-44A	21010-52F01	GWN-79A
21010-1E403	GWN-50A	21010-41B02	GWN-44A	21010-53J00	GWN-48A
21010-1E425	GWN-50A	21010-41B03	GWN-44A	21010-53J01	GWN-48A
21010-1E4Y0	GWN-50A	21010-42L00	GWN-32A	21010-53J02	GWN-48A
21010-1N526	GWN-48A	21010-42L01	GWN-32A	21010-53J03	GWN-48A
21010-21000	GWN-03A	21010-42L25	GWN-32A	21010-53J04	GWN-48A
21010-21001	GWN-03A	21010-42L26	GWN-32A	21010-53J05	GWN-48A
21010-21002	GWN-03A	21010-43G02	GWN-46AF	21010-53J25	GWN-48A
21010-21025	GWN-03A	21010-43G03	GWN-46AF	21010-53Y00	GWN-42A
21010-21026	GWN-03A	21010-43G25	GWN-46AF	21010-53Y01	GWN-42A
21010-21027	GWN-03A	21010-43G26	GWN-46AF	21010-54A15	GWN-55A
21010-21028	GWN-03A	21010-43G27	GWN-46AF	21010-54A26	GWN-55A
21010-21083	GWN-03A	21010-43G28	GWN-46AF	21010-54A27	GWN-55A
21010-21085	GWN-03A	21010-43G29	GWN-46AF	21010-57J00	GWN-52A
21010-21088	GWN-03A	21010-43G85	GWN-46AF	21010-57J01	GWN-52A
21010-21089	GWN-03A	21010-43G86	GWN-46AF	21010-57J02	GWN-52A
21010-22J00	GWN-68A	21010-43G87	GWN-46AF	21010-57J03	GWN-52A
21010-23025	GWN-12AF	21010-43G88	GWN-46AF	21010-57J25	GWN-52A
21010-23028	GWN-12AF	21010-43G89	GWN-46AF	21010-57J27	GWN-52A
21010-24B25	GWN-72A	21010-44G00	GWN-64A	21010-57J28	GWN-52A
21010-24U10	GWN-32A	21010-44G25	GWN-64A	21010-58S00	GWN-32A
21010-24U25	GWN-32A	21010-44G26	GWN-64A	21010-58S25	GWN-32A
21010-24U27	GWN-32A	21010-44G27	GWN-64A	21010-59Y25	GWN-67A
21010-26E25	GWN-36A	21010-44G28	GWN-64A	21010-59Y26	GWN-67A
21010-28J25	GWN-68A	21010-44G29	GWN-64A	21010-5L326	GWN-74A
21010-28J26	GWN-68A	21010-4A00A	GWN-80A*	21010-5L327	GWN-74A

CROSS REFERENCE

OEM → GMB		OEM → GMB		OEM → GMB	
<u>NISSAN</u>		<u>NISSAN</u>		<u>NISSAN</u>	
21010-5L328	GWN-74A	21010-80G87	GWN-65AF	21010-E3001	GWN-05A
21010-5M000	GWN-73A	21010-80G88	GWN-65AF	21010-E3002	GWN-05A
21010-5M025	GWN-73A	21010-80G89	GWN-65AF	21010-E3003	GWN-05A
21010-61504	GWN-53A	21010-80W00	GWN-23AF	21010-E3004	GWN-05A
21010-61505	GWN-53A	21010-80W26	GWN-23AF	21010-E3005	GWN-05A
21010-61526	GWN-53A	21010-80W27	GWN-23AF	21010-E3025	GWN-05A
21010-61527	GWN-53A	21010-80W89	GWN-23AF	21010-E3026	GWN-05A
21010-61528	GWN-53A	21010-80W93	GWN-23AF	21010-E3027	GWN-05A
21010-61529	GWN-53A	21010-80W94	GWN-23AF	21010-E3028	GWN-05A
21010-61585	GWN-53A	21010-81T00	GWN-68A	21010-E3087	GWN-05A
21010-61594	GWN-53A	21010-81T25	GWN-68A	21010-EB300	GWN-84A
21010-615Y5	GWN-53A	21010-81T26	GWN-68A	21010-EB325	GWN-84A
21010-65F01	GWN-75A	21010-82W25	GWN-23AF	21010-ED025	GWN-89A
21010-65F25	GWN-75A	21010-85G25	GWN-54A	21010-ED325	GWN-87A
21010-65F26	GWN-75A	21010-85G26	GWN-54A	21010-EE025	GWN-88A
21010-65F27	GWN-75A	21010-85G27	GWN-54A	21010-EN225	GWN-90A
21010-66000	GWN-06A	21010-85V00	GWN-27A*	21010-ET025	GWN-90A
21010-66001	GWN-06A	21010-85V02	GWN-27A*	21010-F4300	GWN-42A
21010-66010	GWN-06A	21010-86G00	GWN-40A	21010-F4400	GWN-50A
21010-66011	GWN-06A	21010-88R00	GWN-42A	21010-F461A	GWN-86A
21010-66026	GWN-06A	21010-88R01	GWN-42A	21010-F461B	GWN-86A
21010-66027	GWN-06A	21010-88R10	GWN-42A	21010-F4625	GWN-73A
21010-66028	GWN-06A	21010-89TA2	GWN-66A	21010-F462A	GWN-86A
21010-69T02	GWN-64A	21010-89TA7	GWN-66A	21010-F6500	GWN-69A
21010-6A0A0	GWN-82A	21010-89TB0	GWIS-25A	21010-F6525	GWN-69A
21010-6A0A1	GWN-83A	21010-89TB1	GWN-66A	21010-F6526	GWN-69A
21010-6C025	GWN-21A	21010-8J000	GWN-86A	21010-F6527	GWN-69A
21010-6N20A	GWN-86A	21010-8J010	GWN-86A	21010-F6528	GWN-69A
21010-6N21A	GWN-86A	21010-99B00	GWN-44A	21010-F65Y8	GWN-69A
21010-6N225	GWN-86A	21010-9C600	GWN-62A	21010-G2404	GWN-65AF
21010-6N226	GWN-86A	21010-9F501	GWN-48A	21010-G3925	GWN-23AF
21010-70J00	GWN-48A	21010-9F600	GWN-73A	21010-G3926	GWN-23AF
21010-70T00	GWN-70A	21010-AA252	GWN-77A	21010-G3927	GWN-23AF
21010-70T25	GWN-70A	21010-AA525	GWN-77A	21010-G3928	GWN-23AF
21010-70TY5	GWN-70A	21010-AA526	GWN-77A	21010-G5500	GWN-56A
21010-71J00	GWN-42A	21010-AA527	GWN-77A	21010-G5510	GWN-57A
21010-74Y00	GWN-42A	21010-AD200	GWN-76A	21010-G5525	GWN-56A
21010-74Y01	GWN-42A	21010-AD201	GWN-76A	21010-G5526	GWN-56A
21010-76000	GWN-06A	21010-AD225	GWN-76A	21010-G5585	GWN-57A
21010-77A00	GWN-39A	21010-AD226	GWN-76A	21010-G5586	GWN-57A
21010-77A01	GWN-39A	21010-AL525	GWN-93A	21010-G5594	GWN-57A
21010-77AY0	GWN-39A	21010-AL526	GWN-93A	21010-G55Y6	GWN-56A
21010-78200	GWN-06A	21010-AL527	GWN-93A	21010-G8025	GWN-56A
21010-78201	GWN-06A	21010-AL528	GWN-93A	21010-G8125	GWN-57A
21010-78202	GWN-06A	21010-AX000	GWN-92A	21010-G81Y5	GWN-57A
21010-78203	GWN-06A	21010-AX00A	GWN-92A	21010-H0125	GWN-02A
21010-78225	GWN-06A	21010-AX401	GWN-91A	21010-H1025	GWN-02A
21010-78226	GWN-06A	21010-B1762	GWN-49A	21010-H1026	GWN-02A
21010-79L00	GWN-70A	21010-BA010	GWN-20A	21010-H5000	GWN-02A
21010-79L25	GWN-70A	21010-BX000	GWN-92A	21010-H5010	GWN-13AF
21010-7B000	GWN-94A	21010-C6025	GWN-21A	21010-H5025	GWN-02A
21010-7Y00A	GWN-93A	21010-C6026	GWN-21A	21010-H5026	GWN-13AF
21010-7Y025	GWN-93A	21010-C6500	GWN-21A	21010-H5027	GWN-13AF
21010-7Y026	GWN-93A	21010-C6525	GWN-21A	21010-H5028	GWN-02A
21010-80G01	GWN-65AF	21010-C6526	GWN-21A	21010-H6010	GWN-02A
21010-80G25	GWN-65AF	21010-C65Y6	GWN-21A	21010-H7201	GWN-11A
21010-80G26	GWN-65AF	21010-D0104	GWN-20A	21010-H7202	GWN-11A
21010-80G27	GWN-65AF	21010-D0125	GWN-20A	21010-H7203	GWN-11A
21010-80G28	GWN-65AF	21010-D0126	GWN-20A	21010-H7225	GWN-11A
21010-80G29	GWN-65AF	21010-D0194	GWN-20A	21010-H7226	GWN-11A
21010-80G85	GWN-65AF	21010-D01Y6	GWN-20A	21010-H7227	GWN-11A
21010-80G86	GWN-65AF	21010-E3000	GWN-05A	21010-H7287	GWN-11A

CROSS REFERENCE

OEM → GMB		OEM → GMB		OEM → GMB	
<u>NISSAN</u>		<u>NISSAN</u>		<u>NISSAN</u>	
21010-H7289	GWN-11A	21010-V5005	GWN-28A	21082-42L00	GWN-33F
21010-H7725	GWN-11A	21010-V5025	GWN-28A	21082-42L01	GWN-33F
21010-H9100	GWN-11A	21010-V5026	GWN-28A	21082-42L02	GWN-33F
21010-H9300	GWN-11A	21010-V5027	GWN-28A	21082-42L03	GWN-33F
21010-JK00A	GWN-93A	21010-V5028	GWN-28A	21082-42L04	GWN-33F
21010-L1100	GWN-30A	21010-V5500	GWN-31A	21082-42L64	GWN-16F
21010-L1101	GWN-30A	21010-V5510	GWN-31A	21082-50L60	GWN-33F
21010-L1125	GWN-30A	21010-V5525	GWN-31A	21082-55L01	GWN-33F
21010-L1126	GWN-30A	21010-V5526	GWN-31A	21082-86G00	GWN-97F
21010-M0100	GWN-02A	21010-V5527	GWN-31A	21082-86G00	GWN-33F
21010-M0125	GWN-02A	21010-V5528	GWN-31A	21082-86G0A	GWN-97F
21010-M6601	GWN-02A	21010-V5529	GWN-31A	21082-C6000	GWN-16F
21010-M6601	GWN-13AF	21010-V5585	GWN-31A	21082-C6400	GWN-16F
21010-M6625	GWN-02A	21010-V5586	GWN-31A	21082-C6500	GWN-16F
21010-M6626	GWN-02A	21010-V5587	GWN-31A	21082-C7410	GWN-16F
21010-M6686	GWN-02A	21010-V5588	GWN-31A	21082-G5500	GWN-33F
21010-M6689	GWN-02A	21010-V5589	GWN-31A	21082-G5560	GWN-33F
21010-M66Y6	GWN-02A	21010-V7026	GWN-05A	21082-N3600	GWN-33F
21010-N5803	GWN-23AF	21010-V7225	GWN-68A	21082-P0200	GWN-33F
21010-N5826	GWN-23AF	21010-V7226	GWN-68A	21082-R2000	GWN-33F
21010-N5827	GWN-23AF	21010-V7227	GWN-68A	21082-R8100	GWN-33F
21010-N5828	GWN-23AF	21010-V7228	GWN-68A	21082-R8101	GWN-33F
21010-N5829	GWN-23AF	21010-V7229	GWN-68A	21082-R8102	GWN-33F
21010-N5885	GWN-23AF	21010-V7285	GWN-68A	21082-R9201	GWN-33F
21010-N5886	GWN-23AF	21010-V7286	GWN-68A	21082-R9210	GWN-33F
21010-N8525	GWN-12AF	21010-V9400	GWN-31A	21082-R9270	GWN-33F
21010-N8526	GWN-12AF	21010-VK525	GWN-84A	21082-S8025	GWN-16F
21010-N8527	GWN-12AF	21010-W3625	GWN-05A	21082-S8200	GWN-33F
21010-N8528	GWN-12AF	21010-W3626	GWN-05A	21082-S8201	GWN-33F
21010-OF002	GWN-65AF	21010-W3627	GWN-05A	21082-S8205	GWN-33F
21010-OM301	GWN-42A	21010-W3628	GWN-05A	21082-S8206	GWN-33F
21010-P7501	GWN-05A	21010-W3685	GWN-05A	21082-S8260	GWN-33F
21010-P7503	GWN-05A	21010-W3686	GWN-05A	21082-T6400	GWN-16F
21010-P7525	GWN-05A	21010-W3688	GWN-05A	21082-T6460	GWN-16F
21010-P7526	GWN-05A	21010-W3694	GWN-05A	21082-V0700	GWN-97F
21010-P7527	GWN-05A	21010-W4425	GWN-31A	21082-V0700	GWN-16F
21010-P7528	GWN-05A	21010-W4426	GWN-31A	21082-V4405	GWN-31F
21010-P7529	GWN-05A	21010-WJ125	GWN-65AF	21082-V5000	GWN-16F
21010-P7585	GWN-05A	21010-Y7025	GWN-05A	21082-V5010	GWN-16F
21010-P7586	GWN-05A	21011-HA101	GWMZ-70A	21082-V5500	GWN-31F
21010-P7587	GWN-05A	21011-HC230	GWMZ-30A*	21082-V5501	GWN-31F
21010-P7588	GWN-05A	21064-U6701	GWN-12AD	21082-V5502	GWN-31F
21010-P7589	GWN-05A	21082-01P00	GWN-16F	21082-V5503	GWN-31F
21010-R9025	GWN-18A	21082-01P01	GWN-33F	21082-V6800	GWN-16F
21010-R9026	GWN-18A	21082-01P02	GWN-33F	21082-V6860	GWN-16F
21010-S9025	GWN-38A	21082-01P03	GWN-33F	21082-V7000	GWN-16F
21010-S9026	GWN-38A	21082-01P04	GWN-33F	21082-V7202	GWN-16F
21010-S9027	GWN-38A	21082-03J01	GWN-98F	21082-V7262	GWN-16F
21010-S9425	GWN-38A	21082-03J10	GWN-98F	21082-V7500	GWN-33F
21010-T9025	GWN-38A	21082-12G02	GWN-33F	21082-W3601	GWN-33F
21010-T9026	GWN-38A	21082-12G03	GWN-33F	21082-W3661	GWN-33F
21010-T9027	GWN-38A	21082-12G10	GWN-33F	21082-W4100	GWN-16F
21010-V0725	GWN-05A	21082-14C00	GWN-33F	21082-W4401	GWN-31F
21010-V0726	GWN-05A	21082-17C00	GWN-31F	21082-W4402	GWN-31F
21010-V0727	GWN-05A	21082-17C01	GWN-31F	21082-W4403	GWN-31F
21010-V4071	GWN-27A*	21082-19V00	GWN-33F	21082-W4404	GWN-31F
21010-V4900	GWN-27A*	21082-20V00	GWN-33F	21082-W4405	GWN-31F
21010-V4960	GWN-27A*	21082-22P00	GWN-33F	21082-Y4000	GWN-33F
21010-V4961	GWN-27A*	21082-36J00	GWN-99F	21082-Y4100	GWN-33F
21010-V4962	GWN-27A*	21082-36W00	GWN-16F	21082-Y4101	GWN-16F
21010-V5003	GWN-28A	21082-37J00	GWN-100F	21082-Y4104	GWN-33F
21010-V5004	GWN-28A	21082-41G00	GWN-33F	21082-Y4161	GWN-33F

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OEM → GMB		OEM → GMB		OEM → GMB	
NISSAN		OPEL		OPEL	
21082-Y7001	GWN-33F	1334023	GWO-05AP	90220668	GWO-15A
21082-Y7061	GWN-33F	1334024	GWO-02A	90234198	GWO-13A
21082-Y7071	GWN-33F	1334025	GWO-13A	90271492	GWO-15A
5-86103068	GWN-59A	1334029	GWO-02A	90272361	GWO-10A
5-86127057	GWN-51A	1334032	GWO-01A	90273361	GWO-10A
5-86129016	GWN-59A	1334035	GWO-01A	90285034	GWO-09A
B1010-02N1B	GWN-47AF	1334037	GWO-02A	90285418	GWO-09A
B1010-0P529	GWN-95A	1334038	GWO-01A	90295078	GWO-11A
B1010-0W00J	GWN-61A	1334041	GWO-18A	90325659	GWO-05AP
B1010-1GZ0A	GWN-90A	1334045	GWO-08AP	90325660	GWO-13A
B1010-2S50A	GWN-46AF	1334046	GWO-16A	90325661	GWO-13A
B1010-40F27	GWN-40A	1334050	GWO-18A	90348231	GWO-15A
B1010-52F01	GWN-79A	1334053	GWO-18A	90349239	GWO-13A
B1010-57J25	GWN-52A	1334054	GWO-17A	90349241	GWO-05AP
B1010-57J26	GWN-52A	1334065	GWO-13A	90392901	GWO-13A
B1010-6T30A	GWN-47AF	1334066	GWO-16A	90392902	GWO-10A
B1010-80G0E	GWN-65AF	1334069	GWO-19A	90392908	GWO-10A
B1010-80W27	GWN-23AF	1334070	GWO-05AP	90442207	GWO-12A
B1010-81T26	GWN-68A	1334072	GWO-01A	90443549	GWO-18A
B1010-AD226	GWN-76A	1334074	GWO-08AP	90444079	GWO-16A
B1010-ED00A	GWN-89A	1334081	GWO-01A	90444123	GWO-17A
B1010-EN20B	GWN-90A	1334087	GWO-08AP	90444311	GWO-18A
B1010-ET00A	GWN-90A	1334097	GWO-14AP	90444359	GWO-18A
B1010-JK00A	GWN-93A	1334098	GWO-13A	90466344	GWO-18A
B1010-JK20A	GWN-93A	1334099	GWO-09A	92064250	GWO-18A
B1010-V7286	GWN-68A	1334115	GWO-19A	93179364	GWO-19A
B1010-VH00A	GWN-47AF	1334119	GWO-18A	93179380	GWO-15A
B1010-VK525	GWN-84A	1334137	GWO-18A	93182041	GWO-19A
BA010-06E25	GWN-35A	1334139	GWO-18A	93284724	GWO-18A
BA010-06E26	GWN-35A	1334155	GWO-19A	96351969	GWO-13A
BA010-12G26	GWN-41A	1334646	GWO-18A	97114682	GWO-19A
BA010-17S27	GWN-05A	2866233	GWO-02A	97220278	GWO-19A
BA010-23028	GWN-12AF	2898355	GWO-01A	9039-2091	GWO-13A
BA010-43G25	GWN-46AF	02898355	GWO-01A	D5094013802	GWO-13A
BA010-43G26	GWN-46AF	3469874	GWO-08AP	D90325660A	GWO-13A
BA010-54A26	GWN-55A	6334008	GWO-19A	R1160030	GWO-16A
BA010-80W26	GWN-23AF	6334012	GWO-15A	R1160031	GWO-17A
BA010-80W89	GWN-23AF	6334038	GWO-19A	R1160032	GWO-18A
BA010-80W94	GWN-23AF	9092370	GWO-18A	R1160036	GWO-19A
BA010-D0126	GWN-20A	9192370	GWO-18A		
BA010-D0194	GWN-20A	9192793	GWO-13A		
BA010-H7227	GWN-11A	9192797	GWO-16A		
BA010-H7287	GWN-11A	9352650	GWO-18A		
BA010-H7289	GWN-11A	12508606	GWO-10A		
BA010-M6626	GWN-02A	12511062	GWO-10A		
BA010-M6626	GWN-13AF	12517379	GWO-10A		
BA010-N8527	GWN-12AF	24409355	GWO-18A		
BA010-V5589	GWN-31A	25515147	GWO-01A		
BA010-V5594	GWN-31A	52273124	GWO-10A		
Z1010-53J00	GWN-48A	90076952	GWO-05AP		
		90096415	GWO-08AP		
		90106450	GWO-09A		
		90108735	GWO-01A		
		90108739	GWO-08AP		
		90136224	GWO-01A		
		90136382	GWO-08AP		
		90141738	GWO-08AP		
		90144227	GWO-13A		
		90156532	GWO-14AP		
		90183273	GWO-05AP		
		90220290	GWO-15A		
		90220568	GWO-10A		
OPEL				PEUGEOT	
1241680	GWO-01A			12015	GWP-13A
1334004	GWO-05AP			12016	GWP-12A
1334008	GWO-10A			12019	GWP-07A
1334009	GWO-15A			12027	GWP-05A
1334010	GWO-13A			12029	GWP-02A
1334012	GWO-09A			120131	GWP-06A
1334015	GWO-09A			120169	GWP-08AP
1334021	GWO-15A			120178	GWP-04A
				120179	GWP-05A
				120189	GWP-06A
				120190	GWP-07A
				120272	GWP-04A
				95625017	GWP-13A
				95641149	GWP-12A
				95655208	GWP-13A
				95655209	GWP-12A
				95656567	GWP-13A
				2108120725	GWP-11A
				7901120258	GWP-08AP

CROSS REFERENCE

OEM → GMB		OEM → GMB		OEM → GMB	
<u>PEUGEOT</u>		<u>RENAULT</u>		<u>SUBARU</u>	
9565656788	GWP-13A	7701-452-782	GWR-02A*	197095400	GWSU-19RK
9567521488	GWP-10A	7701-455-720	GWR-03A	197095400G	GWSU-19RK
9608120725	GWP-11A	7701-457-415	GWR-01A*	21010-AA013	GWSU-13A
1201-23	GWP-02A	7701-457-416	GWR-01A	21010-AA014	GWSU-13A
1201-31	GWP-06A	7701-457-595	GWR-02A*	21010-AA015	GWSU-13A
1201-48	GWP-12A	7701-457-771	GWR-02A*	21010-AA016	GWSU-13A
1201-50	GWP-13A	7701-459-435	GWR-01A	21110-AA000	GWSU-11A
1201-51	GWP-12A	7701-461-173	GWR-02A*	21110-AA001	GWSU-11A
1201-52	GWP-10A	7701-462-145	GWR-10A	21110-AA002	GWSU-11A
1201-58	GWP-11A	7701-462-491	GWR-10A	21110-AA003	GWSU-11A
1201-60	GWP-12A	7701-462-809	GWR-12A	21110-AA012	GWSU-13A
1201-61	GWP-13A	7701-463-111	GWR-12A	21110-AA013	GWSU-13A
1201-62	GWP-12A	7701-463-377	GWR-10A	21110-AA014	GWSU-13A
1201-65	GWP-10A	7701-463-397	GWR-12A	21110-AA015	GWSU-13A
1201-67	GWP-10A	7701-464-736	GWR-12A	21110-AA016	GWSU-13A
1201-69	GWP-08AP	7701-465-816	GWR-12A	21110-AA017	GWSU-13A
1201-91	GWP-10A	7701-466-419	GWR-11A	21110-AA022	GWSU-14A
1201-A4	GWP-10A	7701-466-578	GWR-12A	21110-AA023	GWSU-14A
1201-E4	GWP-11A	7701-467-546	GWR-02A	21110-AA025	GWSU-14A
1201-E6	GWP-11A	7701-468-491	GWR-06A	21110-AA026	GWSU-14A
1201-G0	GWP-14A	7701-472-182	GWR-13A	21110-AA050	GWSU-04A
1202-44	GWP-02A	7701-473-365	GWR-06A	21110-AA060	GWSU-03A
1202-58	GWP-08AP	7701-502-962	GWR-01A	21110-AA070	GWSU-06A
1202-61	GWP-05A	7701-502-963	GWR-01A	21111-AA000	GWSU-12A
1202-69	GWP-04A	7701-512-202	GWR-03A	21111-AA001	GWSU-12A
1202-70	GWP-05A	7701-533-130	GWR-01A*	21111-AA002	GWSU-12A
1202-71	GWP-05A	7701-538-074	GWR-01A*	21111-AA003	GWSU-12A
1202-76	GWP-04A	7702-001-510	GWR-01A	21111-AA004	GWSU-12A
1202-82	GWP-06A	7702-039-671	GWR-03A	21111-AA005	GWSU-12A
1202-83	GWP-04A	8982-775-051	GWR-10A	21111-AA006	GWSU-12A
1202-90	GWP-02A	8982-775-055	GWR-06A	21111-AA007	GWSU-12A
1202-97	GWP-06A	T1462491	GWR-10A	21111-AA011	GWSU-12A
1202-98	GWP-07A	T1463397	GWR-06A	21111-AA020	GWSU-15A
1204-C4	GWP-09A			21111-AA021	GWSU-15A
1207-25	GWP-11A			21111-AA022	GWSU-15A
210106F900	GWP-11A			21111-AA023	GWSU-15A
210106F906	GWP-11A			21111-AA026	GWSU-15A
210106F907	GWP-11A			21111-AA033	GWSU-12A
				21111-AA060	GWSU-16A
				21111-AA061	GWSU-16A
				21111-AA065	GWSU-16A
				21111-AA081	GWSU-15A
				21111-AA084	GWSU-21A
				21111-AA240	GWSU-15A
				21111-KA032	GWSU-17A
				21111-KA041	GWSU-17A
				21111-KA042	GWSU-17A
				21111-KA043	GWSU-17A
				21111-KA044	GWSU-17A
				21111-KA045	GWSU-17A
				21111-KA046	GWSU-17A
				21111-KA047	GWSU-17A
				21111-KA050	GWSU-18A
				21111-KA051	GWSU-18A
				21111-KA052	GWSU-18A
				21111-KA053	GWSU-18A
				21111-KA054	GWSU-18A
				21111-KA055	GWSU-18A
				21111-KA060	GWSU-18A
				21111-KA061	GWSU-18A
				21111-KA070	GWSU-17A
				21111-KA071	GWSU-17A
<u>RENAULT</u>		<u>SAAB</u>			
3287751	GWR-12A	603089	GWSA-01A		
3343093	GWR-12A	4610176	GWSA-03A		
3344251	GWR-12A	4610192	GWSA-03A		
3344827.5	GWR-12A	4770970	GWSA-04A		
3345626	GWR-12A	7501547	GWSA-02A		
4409162	GWR-12A	7507460	GWSA-02A		
30855991	GWR-12A	8810980	GWSA-01A		
7700105176	GWR-16A	8810988	GWSA-01A		
7700105378	GWR-16A	8814501	GWSA-01A		
7700274330	GWR-16A	8817900	GWSA-02A		
7700861686	GWR-14A	8817918	GWSA-03A		
7701478018	GWR-14A	9307893	GWSA-02A		
7701478018	GWR-14A	9321670	GWSA-03A		
8200146298	GWR-14A	30517582	GWSA-02A		
8200428447	GWR-15A	5958061	GWSA-04A		
8200582675	GWR-16A	8821944	GWSA-04A		
8200962184	GWR-15A				
8200962185	GWR-16A				
7701-452-155	GWR-01A*				
7701-452-781	GWR-02A*				
		<u>SSANGYONG</u>			
		21232-05000	GWSY-04F		
		A661 200 30 22	GWSY-04F		
		A661 200 32 22	GWSY-05F		

CROSS REFERENCE

OEM → GMB		OEM → GMB		OEM → GMB	
<u>SUBARU</u>		<u>SUBARU</u>		<u>SUZUKI</u>	
21111-KA072	GWSU-17A	X2111-AA041	GWSU-16A	17400-65815	GWS-37AH
21111-KA073	GWSU-17A	X2111-AA042	GWSU-16A	17400-66810	GWS-20A
21111-KA074	GWSU-17A	X2111-AA080	GWSU-15A	17400-68811	GWS-42A*
21111-KA075	GWSU-17A	X2111-AA081	GWSU-15A	17400-68811	GWS-42AH
21111-KA076	GWSU-17A	X2111-AA082	GWSU-15A	17400-68820	GWS-43A*
21111-KA092	GWSU-20A	X2111-AA090	GWSU-21A	17400-68820	GWS-43AH
21111-KA110	GWSU-18A	X2111-AA091	GWSU-21A	17400-68822	GWS-43AH
21111-KA120	GWSU-20A	X2111-AA092	GWSU-21A	17400-69G00	GWS-34A
21111-KA122	GWSU-20A			17400-69G01	GWS-34A
21111-KA123	GWSU-20A			17400-69G02	GWS-34A
21111-KA124	GWSU-20A			17400-69L00	GWS-45A
21111-KA130	GWSU-17A			17400-70820	GWS-18A
21111-KA131	GWSU-17A			17400-70830	GWS-19A
21111-KA132	GWSU-17A			17400-70B00	GWS-13A
21111-KA140	GWSU-17A			17400-70D00	GWS-14A
21111-KA141	GWSU-17A			17400-71811	GWS-14A
21111-KA142	GWSU-17A			17400-72020	GWS-02A
21111-KA150	GWSU-18A			17400-72021	GWS-02A
21111-KA151	GWSU-18A			17400-72801	GWS-02A
21111-KA152	GWSU-18A			17400-72810	GWS-02A
21111-KA153	GWSU-18A			17400-72811	GWS-02A
21111-KA154	GWSU-18A			17400-73001	GWS-03A
21111-KA160	GWSU-18A			17400-73002	GWS-03A
21111-KA190	GWSU-17A			17400-73003	GWS-03A
21111-KA191	GWSU-17A			17400-73012	GWS-03A
21111-KA192	GWSU-17A			17400-73013	GWS-03A
21111-KA230	GWSU-20A			17400-73810	GWS-03A
21111-KA240	GWSU-18A			17400-73811	GWS-03A
21111-KA252	GWSU-18A			17400-73812	GWS-03A
21111-KA270	GWSU-20A			17400-73820	GWS-11A
21111-KA271	GWSU-20A			17400-73831	GWS-28A*
21111-KA280	GWSU-18A			17400-73832	GWS-28A*
21111-KA281	GWSU-18A			17400-73870	GWS-11A
21111-KA282	GWSU-18A			17400-74000	GWS-07A
21111-KA290	GWSU-17A			17400-74001	GWS-07A
21111-KA291	GWSU-17A			17400-76810	GWS-25A
21111-KA292	GWSU-17A			17400-76820	GWS-26A
21111-KA330	GWSU-22A			17400-76840	GWS-41A*
31076-0100	GWSU-01A			17400-76840	GWS-41AH
31076-0110	GWSU-01A			17400-76841	GWS-41A*
31076-0120	GWSU-01A			17400-76841	GWS-41AH
31076-4300	GWSU-01A			17400-76842	GWS-41AH
31076-4310	GWSU-05A			17400-76G70	GWS-44A
31076-6100	GWSU-01A			17400-77810	GWS-36A*
31076-8100	GWSU-01A			17400-77811	GWS-36A*
31076-8110	GWSU-01A			17400-77812	GWS-36A*
39745-2100	GWSU-07RK			17400-77815	GWS-36A*
41076-7000	GWSU-04A			17400-78101	GWS-03A
41076-7100	GWSU-03A			17400-78101	GWS-11A
41076-7200	GWSU-04A			17400-78300	GWS-10A
41076-7300	GWSU-03A			17400-78810	GWS-10A
41076-7400	GWSU-06A			17400-78811	GWS-10A
49709-5400	GWSU-08RK			17400-78820	GWS-11A
497095400+P/K	GWSU-19RK			17400-78821	GWS-11A
497095400G	GWSU-19RK			17400-78830	GWS-10A
497095400K	GWSU-19RK			17400-78850	GWS-27A*
497095400P	GWSU-19RK			17400-78851	GWS-27A*
X2111-AA030	GWSU-12A			17400-78860	GWS-25A
X2111-AA031	GWSU-12A			17400-78871	GWS-28AH
X2111-AA032	GWSU-12A			17400-78880	GWS-26A
X2111-AA033	GWSU-12A			17400-78E00	GWS-31A
X2111-AA040	GWSU-16A			17400-78E01	GWS-31A

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OEM → GMB		OEM → GMB		OEM → GMB	
<u>SUZUKI</u>		<u>TOYOTA</u>		<u>TOYOTA</u>	
17400-79810	GWS-09A	16100-09092	GWT-115A	16100-19295	GWT-83AH
17400-79811	GWS-09A	16100-09102	GWT-115A	16100-19305	GWT-86AH
17400-80811	GWS-28A*	16100-09120	GWT-83AH	16100-19355	GWT-83AH
17400-80812	GWS-28A*	16100-09170	GWT-98A	16100-22010	GWT-02A
17400-81821	GWS-27A*	16100-09260	GWT-150A	16100-25010	GWT-01A
17400-82810	GWS-08A	16100-09470	GWT-151A	16100-25011	GWT-01A
17400-82811	GWS-08A	16100-0H030	GWT-119A	16100-25012	GWT-01A
17400-82812	GWS-08A	16100-10941-71	GWT-128A*	16100-26020	GWT-35AF
17400-82820	GWS-15A	16100-15090	GWT-83AH	16100-26021	GWT-31AF
17400-82821	GWS-15A	16100-16020	GWT-63A*	16100-26022	GWT-31AF
17400-82822	GWS-15A	16100-16105	GWT-58A*	16100-28010	GWT-31AF
17400-82823	GWS-15A	16100-18010	GWT-31AF	16100-28012	GWT-01A
17400-82824	GWS-15A	16100-19015	GWT-30A	16100-28020	GWT-31AF
17400-82840	GWS-15A	16100-19016	GWT-30A	16100-28026	GWT-03A
17400-82850	GWS-15A	16100-19017	GWT-30A	16100-28040	GWT-119A
17400-82851	GWS-15A	16100-19025	GWT-38A*	16100-28041	GWT-119A
17400-83810	GWS-12A	16100-19026	GWT-43A*	16100-29015	GWT-02A
17400-83811	GWS-12A	16100-19027	GWT-43A*	16100-29016	GWT-02A
17400-83812	GWS-12A	16100-19028	GWT-43A*	16100-29017	GWT-02A
17400-83814	GWS-30A	16100-19029	GWT-43A*	16100-29018	GWT-02A
17400-83815	GWS-30A	16100-19035	GWT-49A	16100-29025	GWT-03A
17400-83820	GWS-12A	16100-19036	GWT-49A*	16100-29026	GWT-03A
17400-83840	GWS-24A	16100-19036-000	GWT-49A*	16100-29027	GWT-09A
17400-83841	GWS-24A	16100-19037	GWT-49A*	16100-29028	GWT-09A
17400-83850	GWS-32A*	16100-19045	GWT-60A	16100-29029	GWT-09A
17400-83862	GWS-40A*	16100-19046	GWT-60A	16100-29045	GWT-10A
17400-83862	GWS-40AH	16100-19055	GWT-50A	16100-29046	GWT-10A
17400-83863	GWS-40A*	16100-19056	GWT-50A	16100-29047	GWT-10A
17400-83863	GWS-40AH	16100-19065	GWT-51A	16100-29048	GWT-10A
17400-83865	GWS-40AH	16100-19066	GWT-51A	16100-29055	GWT-03A
17400-83870	GWS-33A*	16100-19067	GWT-51A	16100-29056	GWT-03A
17400-83871	GWS-33A*	16100-19075	GWT-59A	16100-29065	GWT-09A
17400-84812	GWS-32A*	16100-19076	GWT-59A	16100-29066	GWT-09A
17400-84814	GWS-32AH	16100-19077	GWT-59A	16100-29075	GWT-09A
17400-84815	GWS-32AH	16100-19085	GWT-43A*	16100-29085	GWT-92A
17400-84820	GWS-35A*	16100-19086	GWT-78A*	16100-29095	GWT-98A
17400-84821	GWS-35A*	16100-19095	GWT-62A*	16100-29115	GWT-100A
17400-84822	GWS-35A*	16100-19105	GWT-58A*	16100-29116	GWT-136A
17400-84824	GWS-35AH	16100-19106	GWT-58A*	16100-29117	GWT-136A
17400-84825	GWS-35AH	16100-19115	GWT-63A*	16100-29125	GWT-102A
17400-84830	GWS-32A*	16100-19125	GWT-68A*	16100-29135	GWT-123A
17400-84831	GWS-32A*	16100-19126	GWT-117AH	16100-29145	GWT-124A
17400-84C00	GWS-30A	16100-19135	GWT-68A*	16100-29146	GWT-124A
17400-85810	GWS-17A	16100-19146	GWT-21A*	16100-29155	GWT-101A
17400-85820	GWS-17A	16100-19155	GWT-60A	16100-29156	GWT-101A
17400-85821	GWS-17A	16100-19156	GWT-60A	16100-29175	GWT-98A
17400-85830	GWS-20A	16100-19165	GWT-50A	16100-29185	GWT-137A
17400-85Z01	GWS-47A	16100-19166	GWT-50A	16100-29195	GWT-135A
17400-A60D01	GWS-13A	16100-19175	GWT-50A	16100-29196	GWT-135A
1740-63200	GWS-02A	16100-19195A	GWT-68A*	16100-29206	GWT-135A
1A11-15-010A	GWS-33A*	16100-19205	GWT-78A*	16100-29415	GWT-133A
21010-4A00B	GWS-38AH	16100-19205A	GWT-78A*	16100-31010	GWT-25A
21010-4A00F	GWS-45A	16100-19215	GWT-60A	16100-31011	GWT-25A
21010-4A00H	GWS-38AH	16100-19216	GWT-60A	16100-33010	GWT-26AF*
ZZSO-15-010A	GWS-21A	16100-19225	GWT-117AH	16100-34100	GWT-27AH
ZZSO-15-010B	GWS-21A	16100-19226	GWT-117AH	16100-39015	GWT-26AF*
		16100-19235	GWT-91A	16100-39016	GWT-26AF*
		16100-19255	GWT-83AH	16100-39017	GWT-26AF*
		16100-19265	GWT-86AH	16100-39018	GWT-26AF*
		16100-19275	GWT-132A	16100-39035	GWT-25A
		16100-19276	GWT-132A	16100-39065	GWT-26AF*
		16100-19285	GWT-121A*	16100-39075	GWT-26AF*
<u>TOYOTA</u>					
16100-09010	GWT-58A*				
16100-09020	GWT-63A*				
16100-09080	GWT-98A				

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<u>TOYOTA</u>		<u>TOYOTA</u>		<u>TOYOTA</u>	
16100-39085	GWT-25A	16100-47012	GWT-21A*	16100-49685	GWT-52A
16100-39095	GWT-26AF*	16100-47020	GWT-21A*	16100-49686	GWT-52A
16100-39096	GWT-26AF*	16100-47022	GWT-21A*	16100-49695	GWT-55A
16100-39105	GWT-74A	16100-47023	GWT-21A*	16100-49696	GWT-55A
16100-39115	GWT-05A	16100-48415	GWT-24A	16100-49705	GWT-55A
16100-39116	GWT-12A	16100-49015	GWT-36A	16100-49706	GWT-55A
16100-39125	GWT-05A	16100-49016	GWT-36A	16100-49725	GWT-55A
16100-39135	GWT-26AF*	16100-49025	GWT-06A	16100-49726	GWT-55A
16100-39136	GWT-26AF*	16100-49026	GWT-06A	16100-49745	GWT-55A
16100-39155	GWT-26AF*	16100-49027	GWT-06A	16100-49755	GWT-82A
16100-39165	GWT-26AF*	16100-49035	GWT-15A	16100-49756	GWT-82A
16100-39166	GWT-26AF*	16100-49036	GWT-15A	16100-49775	GWT-82A
16100-39175	GWT-26AF*	16100-49037	GWT-15A	16100-49776	GWT-82A
16100-39176	GWT-26AF*	16100-49075	GWT-15A	16100-49785	GWT-55A
16100-39177	GWT-26AF*	16100-49105	GWT-36A	16100-49786	GWT-55A
16100-39178	GWT-26AF*	16100-49135	GWT-15A	16100-49787	GWT-55A
16100-39195	GWT-26AF*	16100-49136	GWT-15A	16100-49805	GWT-82A
16100-39196	GWT-26AF*	16100-49137	GWT-15A	16100-49815	GWT-120AH
16100-39197	GWT-26AF*	16100-49138	GWT-15A	16100-49816	GWT-120AH
16100-39205	GWT-26AF*	16100-49146	GWT-21A*	16100-49835	GWT-120AH
16100-39206	GWT-26AF*	16100-49147	GWT-21A*	16100-49836	GWT-120AH
16100-39215	GWT-80A	16100-49148	GWT-21A*	16100-49837	GWT-120AH
16100-39225	GWT-26AF*	16100-49155	GWT-14A	16100-49838	GWT-120AH
16100-39226	GWT-27AFH	16100-49156	GWT-14A	16100-49867	GWT-118AH
16100-39227	GWT-27AFH	16100-49165	GWT-14A	16100-49868	GWT-118AH
16100-39228	GWT-27AFH	16100-49166	GWT-14A	16100-50010	GWT-84A
16100-39235	GWT-27AFH	16100-49175	GWT-15A	16100-50020	GWT-84A
16100-39236	GWT-27AFH	16100-49176	GWT-15A	16100-50021	GWT-84A
16100-39237	GWT-27AFH	16100-49225	GWT-15A	16100-50022	GWT-84A
16100-39245	GWT-26AF*	16100-49245	GWT-15A	16100-50023	GWT-84A
16100-39246	GWT-26AF*	16100-49265	GWT-21A*	16100-55010	GWT-113A
16100-39255	GWT-26AF*	16100-49266	GWT-21A*	16100-55011	GWT-113A
16100-39265	GWT-27AFH	16100-49267	GWT-21A*	16100-55020	GWT-113A
16100-39295	GWT-27AFH	16100-49365	GWT-28A	16100-59015	GWT-47A
16100-39296	GWT-27AFH	16100-49395	GWT-28A	16100-59016	GWT-47A
16100-39315	GWT-41A	16100-49405	GWT-28A	16100-59017	GWT-47A
16100-39316	GWT-41A	16100-49406	GWT-28A	16100-59026	GWT-56A
16100-39317	GWT-41A	16100-49410	GWT-06A	16100-59045	GWT-42A
16100-39326	GWT-41A	16100-49415	GWT-24A	16100-59046	GWT-42A
16100-39345	GWT-64A	16100-49416	GWT-24A	16100-59047	GWT-42A
16100-39346	GWT-64A	16100-49435	GWT-28A	16100-59048	GWT-42A
16100-39346A	GWT-64A	16100-49436	GWT-28A	16100-59049	GWT-42A
16100-39405	GWT-151A	16100-49465	GWT-28A	16100-59055	GWT-47A
16100-39425	GWT-145A	16100-49475	GWT-28A	16100-59065	GWT-109A
16100-39465	GWT-144A	16100-49485	GWT-28A	16100-59075	GWT-109A
16100-39466	GWT-144A	16100-49486	GWT-28A	16100-59076	GWT-109A
16100-39485	GWT-150A	16100-49487	GWT-28A	16100-59085	GWT-48A
16100-40010	GWT-36A	16100-49495	GWT-28A	16100-59105	GWT-108A
16100-40011	GWT-36A	16100-49496	GWT-28A	16100-59125	GWT-42A
16100-40012	GWT-36A	16100-49497	GWT-28A	16100-59126	GWT-42A
16100-40020	GWT-36A	16100-49505	GWT-28A	16100-59127	GWT-42A
16100-40021	GWT-36A	16100-49506	GWT-28A	16100-59128	GWT-42A
16100-40030	GWT-06A	16100-49515	GWT-28A	16100-59135	GWT-61A
16100-40031	GWT-06A	16100-49585	GWT-55A	16100-59136	GWT-61A
16100-40032	GWT-06A	16100-49595	GWT-55A	16100-59137	GWT-61A
16100-40050	GWT-06A	16100-49615	GWT-55A	16100-59138	GWT-61A
16100-40051	GWT-06A	16100-49655	GWT-52A	16100-59139	GWT-61A
16100-40052	GWT-06A	16100-49656	GWT-52A	16100-59145	GWD-13A
16100-41011	GWT-26AF*	16100-49665	GWT-55A	16100-59155	GWT-79A
16100-45080	GWT-28A	16100-49666	GWT-55A	16100-59165	GWT-110A
16100-47010	GWT-21A*	16100-49675	GWT-55A	16100-59166	GWT-110A
16100-47011	GWT-21A*	16100-49676	GWT-55A	16100-59185	GWT-112A

CROSS REFERENCE

OEM → GMB		OEM → GMB		OEM → GMB	
<u>TOYOTA</u>		<u>TOYOTA</u>		<u>TOYOTA</u>	
16100-59186	GWT-112A	16100-69295	GWT-57A	16100-96120	GWT-105A
16100-59187	GWT-112A	16100-69296	GWT-57A	16100-97205	GWT-134AH
16100-59205	GWT-42A	16100-69305	GWT-71A	16100-97412	GWT-139A
16100-59208	GWT-42A	16100-69325	GWT-99A	16100-B9010	GWT-100A
16100-59215	GWT-42A	16100-69335	GWT-71A	16100-B9150	GWT-146A
16100-59235	GWT-113A	16100-69335A	GWT-71A	16100-B9250	GWD-35A
16100-59245	GWT-110A	16100-69345	GWT-90A	16100-B9440	GWT-139A
16100-59255	GWT-79A	16100-69355	GWT-150A	16101-76030	GWT-87A
16100-59256	GWT-115A	16100-69355	GWT-116AH	16102-B2010	GWD-52A
16100-59257	GWT-79A	16100-69356	GWT-150A	16103-40010	GWT-36A
16100-59275	GWT-84A	16100-69356	GWT-116AH	16103-40011	GWT-36A
16100-59305	GWT-71A	16100-69385	GWT-106A	16103-40030	GWT-06A
16100-60010	GWT-07A	16100-69395	GWT-97A	16103-40031	GWT-06A
16100-60080	GWT-08A	16100-69405	GWT-103A	16103-40051	GWT-06A
16100-60090	GWT-18A	16100-69425	GWT-94A	16103-40084	GWT-06A
16100-61010	GWT-19A	16100-69435	GWT-94A	16103-49410	GWT-06A
16100-61011	GWT-19A	16100-69445	GWT-71A	16110-01010	GWT-58A
16100-61012	GWT-19A	16100-69455	GWT-71A	16110-09010	GWT-77A
16100-61013	GWT-19A	16100-69535	GWT-103A	16110-10100	GWT-93A
16100-61020	GWT-19A	16100-76006	GWT-24A	16110-15010	GWT-43A
16100-61030	GWT-19A	16100-76036	GWT-54A	16110-15020	GWT-49A
16100-61040	GWT-22A	16100-78010	GWT-126A	16110-15045	GWT-58A
16100-61041	GWT-22A	16100-78011	GWT-126A	16110-15046	GWT-58A
16100-61070	GWT-88A*	16100-78060	GWT-130A	16110-15047	GWT-58A
16100-61120	GWT-88A*	16100-78102-71	GWT-127A*	16110-15050	GWT-58A
16100-61130	GWT-88A*	16100-78120	GWT-105A	16110-15070	GWT-78A
16100-64H00	GWT-94A	16100-78300	GWT-104A	16110-15080	GWT-78A
16100-64H01	GWT-94A	16100-78300-71	GWT-104A	16110-15085	GWT-78A
16100-64H02	GWT-94A	16100-79015	GWT-66A	16110-16010	GWT-62A
16100-64H03	GWT-94A	16100-79025	GWT-70A	16110-16020	GWT-63A
16100-64H04	GWT-94A	16100-79035	GWT-54A	16110-18010	GWT-31A
16100-64H05	GWT-94A	16100-79036	GWT-54A	16110-18020	GWT-31A
16100-64H06	GWT-94A	16100-79037	GWT-114A	16110-19015	GWT-51A
16100-64H07	GWT-94A	16100-79045	GWT-67A*	16110-19026	GWT-43A
16100-69025	GWT-57A	16100-79075	GWT-77A*	16110-19035	GWT-43A
16100-69026	GWT-57A	16100-79095	GWT-67A*	16110-19036	GWT-43A
16100-69035	GWT-65A*	16100-79115	GWT-111A	16110-19045	GWT-58A
16100-69036	GWT-65A*	16100-79116	GWT-111A	16110-19046	GWT-58A
16100-69037	GWT-65A*	16100-79117	GWT-111A	16110-19047	GWT-58A
16100-69075	GWT-53A*	16100-79126	GWT-67A*	16110-19055	GWT-68A
16100-69076	GWT-53A*	16100-79135	GWT-77A*	16110-19065	GWT-68A
16100-69078	GWT-53A*	16100-79155	GWT-85A	16110-19075	GWT-78A
16100-69085	GWT-57A	16100-79165	GWT-87A*	16110-19076	GWT-78A
16100-69095	GWT-53A*	16100-79185	GWT-77A*	16110-19085	GWT-78A
16100-69105	GWT-74A	16100-79186	GWT-77A*	16110-19086	GWT-78A
16100-69106	GWT-74A	16100-79225	GWT-122A*	16110-19095	GWT-68A
16100-69115	GWT-75A	16100-79245	GWT-96A	16110-19105	GWT-58A
16100-69145	GWT-72A*	16100-79255	GWT-96A	16110-19106	GWT-93A
16100-69146	GWT-72A*	16100-79265	GWT-138A	16110-19107	GWT-117A
16100-69155	GWT-73A*	16100-79285	GWT-111A	16110-19115	GWT-49A
16100-69156	GWT-73A*	16100-79445	GWT-131A	16110-19125	GWT-129A
16100-69185	GWT-71A	16100-79455	GWT-138A	16110-19135	GWT-83A
16100-69186	GWT-71A	16100-79465	GWT-131A	16110-19145	GWT-83A
16100-69187	GWT-71A	16100-80004	GWT-149A	16110-19146	GWT-83A
16100-69205	GWT-71A	16100-80004	GWT-149AM	16110-19155	GWT-62A
16100-69206	GWT-71A	16100-80007	GWT-142A	16110-19165	GWT-63A
16100-69215	GWT-80A	16100-80009	GWT-118AH	16110-19185	GWT-86A
16100-69225	GWT-81A	16100-88220	GWT-46A	16110-19195	GWT-121A
16100-69235	GWT-74A	16100-88221	GWT-46A	16110-19205	GWT-83A
16100-69245	GWT-75A	16100-88252	GWT-27A	16110-19225	GWT-93A
16100-69255	GWT-73A*	16100-88260	GWT-45A	16110-19226	GWT-93A
16100-69275	GWT-57A	16100-89105	GWT-58A*	16110-19295	GWT-83A

CROSS REFERENCE

OEM → GMB		OEM → GMB		OEM → GMB	
<u>TOYOTA</u>		<u>TOYOTA</u>		<u>TOYOTA</u>	
16110-26020	GWT-35A	16110-69155	GWT-73A	16120-69015	GWT-65A
16110-26021	GWT-31A	16110-69265	GWT-72A	16120-78120	GWT-105A
16110-26022	GWT-31A	16110-79015	GWT-67A	16120-78120-71	GWT-105A
16110-28010	GWT-31A	16110-79025	GWT-77A	16120-78151-71	GWT-76A
16110-28020	GWT-31A	16110-79026	GWT-77A	16120-96120-71	GWT-105A
16110-33010	GWT-26AF*	16110-79035	GWT-107A	16124-0P030	GWT-151A
16110-34090	GWT-26AF*	16110-79045	GWT-77A	16210-0W010	GWT-153F
16110-34100	GWT-27AF	16110-79095	GWT-67A	16210-13020	GWT-59F
16110-34110	GWT-26AF*	16110-79105	GWT-107A	16210-16010	GWT-31F
16110-34140	GWT-27AF	16110-79115	GWT-107A	16210-18010	GWT-31F
16110-38021	GWT-32A	16110-79125	GWT-107A	16210-26020	GWT-35F
16110-38022	GWT-32A	16110-79135	GWT-122A	16210-26021	GWT-31F
16110-38030	GWT-23A	16110-82010	GWT-31A	16210-28010	GWT-31F
16110-38031	GWT-23A	16110-88221	GWT-46A	16210-28020	GWT-31F
16110-39025	GWT-26AF*	16110-88250	GWT-27A	16210-31010	GWT-27F
16110-39026	GWT-26AF*	16110-88251	GWT-27A	16210-31030	GWT-27F
16110-39035	GWT-23A	16110-88252	GWT-27A	16210-34080	GWT-32F
16110-39116	GWT-12A	16110-88260	GWT-45A	16210-34100	GWT-27F
16110-41100	GWT-28A	16120-33010	GWT-44A	16210-34101	GWT-27F
16110-41110	GWT-28A	16120-33020	GWT-44A	16210-34102	GWT-27F
16110-41130	GWT-28A	16120-34010	GWT-44A	16210-34130	GWT-27F
16110-41131	GWT-28A	16120-34020	GWT-44A	16210-38022	GWT-32F
16110-41170	GWT-28A	16120-34090	GWT-44A	16210-38023	GWT-32F
16110-41240	GWT-55A	16120-34100	GWT-27A	16210-38024	GWT-32F
16110-41250	GWT-55A	16120-34101	GWT-27A	16210-38050	GWT-32F
16110-45090	GWT-28A	16120-34110	GWT-44A	16210-38060	GWT-32F
16110-45100	GWT-55A	16120-34120	GWT-44A	16210-44010	GWT-27F
16110-45110	GWT-55A	16120-34140	GWT-27A	16210-54040	GWT-32F
16110-49015	GWT-28A	16120-39345	GWT-64A	16210-54050	GWT-61F
16110-49016	GWT-28A	16120-41020	GWT-15A	16210-54060	GWT-61F
16110-49025	GWT-28A	16120-41040	GWT-15A	16210-54070	GWT-61F
16110-49026	GWT-28A	16120-41060	GWT-28A	16210-54080	GWT-61F
16110-49035	GWT-28A	16120-41100	GWT-28A	16210-54090	GWT-61F
16110-49036	GWT-28A	16120-41110	GWT-28A	16210-54120	GWT-61F
16110-49045	GWT-55A	16120-41130	GWT-28A	16210-56050	GWT-32F
16110-49055	GWT-55A	16120-41131	GWT-28A	16210-66010	GWT-152F
16110-49065	GWT-55A	16120-41170	GWT-28A	16210-66020	GWT-152F
16110-49066	GWT-55A	16120-42010	GWT-28A	16210-72010	GWT-27F
16110-49075	GWT-55A	16120-42011	GWT-28A	16210-73010	GWT-27F
16110-49076	GWT-55A	16120-42012	GWT-28A	16210-75040	GWT-153F
16110-49085	GWT-55A	16120-45030	GWT-28A	16210-75060	GWT-153F
16110-49086	GWT-55A	16120-45080	GWT-28A	16210-75080	GWT-153F
16110-49097	GWT-120A	16120-45100	GWT-55A	16210-75100	GWT-153F
16110-49115	GWT-95A	16120-45110	GWT-55A	16210-75110	GWT-153F
16110-49116	GWT-95A	16120-45151	GWT-76A	16210-75111	GWT-153F
16110-49147	GWT-118A	16120-47011	GWT-21A	16210-88230	GWT-26AF*
16110-49148	GWT-118A	16120-47012	GWT-21A	16210-88260	GWT-31F
16110-49156	GWT-140A	16120-47013	GWT-21A		
16110-60080	GWT-08A	16120-47020	GWT-21A		
16110-61071	GWT-88A	16120-47021	GWT-21A		
16110-61080	GWT-89A	16120-47022	GWT-21A		
16110-61081	GWT-89A	16120-47023	GWT-21A		
16110-61120	GWT-88A	16120-49015	GWT-28A		
16110-61130	GWT-89A	16120-49025	GWT-28A		
16110-61170	GWT-72A	16120-49036	GWT-28A		
16110-61180	GWT-73A	16120-49045	GWT-55A		
16110-63010	GWT-53A	16120-49046	GWT-55A		
16110-69010	GWT-53A	16120-49055	GWT-55A		
16110-69035	GWT-53A	16120-49065	GWT-28A		
16110-69036	GWT-53A	16120-49080	GWT-28A		
16110-69037	GWT-53A	16120-68010	GWT-65A		
16110-69045	GWT-116A	16120-69010	GWT-65A		
				<u>VOLKSWAGEN</u>	
				1101228	GWVW-22A
				1124940	GWVW-22A
				1138725	GWVW-22A
				1250684	GWVW-22A
				1250685	GWVW-22A
				1307485	GWVW-22A
				1459215	GWVW-22A
				2716132	GWVW-06A
				12571857	GWVW-06A
				59121011	GWVW-08A
				69121004	GWVW-06A

CROSS REFERENCE

OEM → GMB		OEM → GMB		OEM → GMB	
VOLKSWAGEN		VOLKSWAGEN		VOLKSWAGEN	
361210050	GWVW-13A	036-121-005B	GWVW-13A	068-121-005B	GWVW-09A
681210058	GWVW-09A	036-121-005E	GWVW-13A	068-121-005C	GWVW-09A
021-121-004	GWVW-07A	036-121-005EV	GWVW-13A	068-121-005X	GWVW-09A
021-121-004A	GWVW-15A	036-121-005EX	GWVW-13A	068-121-010	GWVW-09A
021-121-004AX	GWVW-15A	036-121-005Q	GWVW-13A	068-121-010A	GWVW-07A
021-121-004V	GWVW-15A	036-121-005R	GWVW-13A	069-121-004	GWVW-06A
021-121-004X	GWVW-15A	036-121-005S	GWVW-13A	069-121-004AV	GWVW-06A
021-121-019A	GWVW-15A	036-121-005SX	GWVW-13A	069-121-004D	GWVW-06A
021-121-019B	GWVW-15A	036-121-008E	GWVW-13A	069-121-004V	GWVW-06A
026 121 005H	GWVW-07A	036-121-008K	GWVW-13A	069-121-004X	GWVW-06A
026-121-005A	GWVW-07A	036-121-008KX	GWVW-13A	069-121-005D	GWVW-06A
026-121-005C	GWVW-07A	036-121-008L	GWVW-13A	06A-121-011	GWVW-17A
026121005E	GWVW-07A	036-121-008LV	GWVW-13A	06A-121-011R	GWVW-17A
026121005E	GWVW-11A	036-121-008LX	GWVW-13A	06F-121-011	GWVW-17A
026-121-005E	GWVW-07A	036-121-011SV	GWVW-13A	06F-121-011R	GWVW-17A
026121005G	GWVW-07A	036-121-011SX	GWVW-13A	074-121-004	GWVW-19A
026121005G	GWVW-11A	037-121-005B	GWVW-07A	074-121-004A	GWVW-19A
026-121-005G	GWVW-07A	037-12-1005C	GWVW-07A	074-121-004AV	GWVW-19A
026121005H	GWVW-07A	037-121-010	GWVW-07A	074-121-004AX	GWVW-19A
026121005H	GWVW-11A	037-121-010A	GWVW-11AH	074-121-004BV	GWVW-19A
026-121-005H	GWVW-07A	038-121-005C	GWVW-09A	074-121-004BX	GWVW-19A
026-121-010	GWVW-07A	038121011A	GWVW-18A	074-121-004F	GWVW-19A
026-121-010A	GWVW-09A	038121011AV	GWVW-18A	074-121-004FX	GWVW-19A
026-121-010C	GWVW-07A	038121011AX	GWVW-18A	074-121-004NX	GWVW-19A
026-121-010D	GWVW-09A	045.121.011	GWVW-22A	074-121-004V	GWVW-19A
026-121-010DV	GWVW-09A	045.121.011B	GWVW-22A	074-121-004X	GWVW-19A
026121010DX	GWVW-09A	045.121.011BV	GWVW-22A	074-121-005M	GWVW-19A
026-121-010DX	GWVW-09A	045.121.011BX	GWVW-22A	074-121-005MV	GWVW-19A
026-121-010E	GWVW-07A	045.121.011F	GWVW-22A	074-121-005MX	GWVW-19A
026-121-010F	GWVW-07A	045.121.011FX	GWVW-22A	074-121-005N	GWVW-19A
026-121-011	GWVW-07A	046-121-004	GWVW-06A	074-121-005NV	GWVW-19A
030.121.005N	GWVW-20A	046-121-004D	GWVW-06A	074-121-005NX	GWVW-19A
030.121.005NV	GWVW-20A	048-121-011	GWVW-04A	074-121-005P	GWVW-19A
030.121.005NX	GWVW-20A	052-121-004	GWVW-05A	076-121-005	GWVW-19A
030.121.005T	GWVW-20A	052-121-004V	GWVW-05A	076-121-005A	GWVW-19A
030.121.005TX	GWVW-20A	052-121-004X	GWVW-05A	078-121-004	GWVW-16A
030.121.008D	GWVW-20A	052-121-005	GWVW-05A	078-121-004H	GWVW-16A
030.121.008DX	GWVW-20A	052-121-005A	GWVW-05A	078-121-004HV	GWVW-16A
030.121.008K	GWVW-20A	052-121-019	GWVW-05A	078-121-004HX	GWVW-16A
030.121.008L	GWVW-20A	054121004A	GWVW-21A	078-121-004J	GWVW-16A
030121005A	GWVW-14A	054121004AV	GWVW-21A	078-121-004JV	GWVW-16A
030-121-005AV	GWVW-14A	054121004AX	GWVW-21A	078-121-004JX	GWVW-16A
030-121-005AX	GWVW-14A	055-121-010X	GWVW-09A	078-121-004QX	GWVW-16A
030-121-005N	GWVW-12A	055-121-011A	GWVW-09A	078-121-004QX	GWVW-16A
030-121-005NV	GWVW-12A	055-121-019	GWVW-09A	3M21 8501 AA	GWVW-22A
030-121-005NX	GWVW-12A	056-121-005	GWVW-09A	3M21 8502 BA	GWVW-22A
030-121-005S	GWVW-14A	056-121-005A	GWVW-09A	6M21 8501 AA	GWVW-22A
030121005T	GWVW-12A	056-121-011	GWVW-09A		
030121005TV	GWVW-12A	056-121-013A	GWVW-09A		
030121005TX	GWVW-12A	056-121-019A	GWVW-09A		
030-121-008A	GWVW-13A	059-121-011B	GWVW-08A		
030121008AX	GWVW-14A	059-121-011C	GWVW-08A		
030-121-008C	GWVW-14A	059-121-011D	GWVW-08A		
030-121-008CX	GWVW-14A	059-121-011E	GWVW-08A		
030-121-008D	GWVW-12A	059-121-011F	GWVW-08A		
030-121-008DX	GWVW-12A	060-121-010	GWVW-04A		
035-121-004A	GWVW-10A	060-121-010X	GWVW-04A		
035-121-004AV	GWVW-10A	060-121-011	GWVW-04A		
035-121-004AX	GWVW-10A	068-121-005	GWVW-09A		
035-121-004E	GWVW-10A	068-121-005A	GWVW-07A		
035-121-005C	GWVW-10A	068-121-005A	GWVW-11AH		
035-121-005E	GWVW-10A	068-121-005AV	GWVW-09A		

VOLVO	
26087	GWVO-02A
216470	GWVO-07A
260787	GWVO-02A
270559	GWVO-04A
271275	GWVO-04A
271602	GWVO-01A
271613	GWVO-06A
271647	GWVO-07A
271830	GWVO-04A
271855	GWVO-07A
271975	GWVO-04A

CROSS REFERENCE

OEM → GMB		OEM → GMB		OEM → GMB	
<u>VOLVO</u>					
271985	GWVO-07A				
271986	GWVO-07A				
272457	GWVO-07A				
272474	GWVO-07A				
272476	GWVO-07A				
272481	GWVO-07A				
275619	GWVO-03A				
326743	GWVO-02A				
416961	GWVO-01A				
418327	GWVO-01A				
419689	GWVO-01A				
419691	GWVO-01A				
462639	GWVO-01A				
463425	GWVO-03A				
1257185	GWVO-06A				
1269874	GWVO-05A				
1326342	GWVO-04A				
1326343	GWVO-04A				
2716132	GWVO-06A				
2716470	GWVO-07A				
3267343	GWVO-02A				
3267439	GWVO-02A				
3272024	GWVO-02A				
4183273	GWVO-01A				
4626396	GWVO-01A				
7401269	GWVO-05A				
12571857	GWVO-06A				
30650751	GWVO-07A				
30684432	GWVO-07A				
30751700	GWVO-07A				
31009798	GWVO-02A				
32673436	GWVO-02A				
32673438	GWVO-02A				
32674392	GWVO-02A				
69121004	GWVO-06A				
1011740-7	GWVO-02A				
1257185-7	GWVO-06A				
1269299-2	GWVO-05A				
1269874-2	GWVO-05A				
1275619-5	GWVO-03A				
1326342-1	GWVO-04A				
270559-8	GWVO-04A				
270681-0	GWVO-03A				
270682-8	GWVO-01A				
271275-0	GWVO-04A				
271647-0	GWVO-07A				
271830-2	GWVO-04A				
271855-9	GWVO-07A				
271891-4	GWVO-07A				
271975-5	GWVO-04A				
271985-4	GWVO-07A				
271986-2	GWVO-07A				
275619-5	GWVO-03A				
3344253-4	GWVO-03A				
354755-9	GWVO-04A				
418327-3	GWVO-01A				
419689-5	GWVO-01A				
463425-9	GWVO-03A				

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AIRTEX	GMB	AIRTEX	GMB	AIRTEX	GMB
AW0960	GWF-05A	AW1232	GWF-02A	AW1646	GWMZ-64A
AW0960	GWF-06A	AW1287	GWF-87A	AW1646	GWS-13A
AW0988	GWT-44A	AW1290	GWBL-07A	AW1646	GWS-19A
AW1002	GWG-32A	AW1293	GWN-13AF	AW1659	GWMZ-58A
AW1006	GWT-03A	AW1294	GWO-11A	AW1660	GWFI-15A
AW1010	GWCR-17A	AW1304	GWHO-11A	AW1666	GWBL-19A
AW1012	GWHY-108A	AW1305	GWBL-17A	AW1672	GWN-76A
AW1012	GWM-01A	AW1306	GWBL-14A	AW1681	GWN-73A
AW1018	GWG-07A	AW1307	GWBM-10A	AW1684	GWT-100A
AW1028	GWF-42A	AW1310	GWP-12A	AW1684	GWT-136A
AW1040	GWCR-20A	AW1330	GWDW-12A	AW1685	GWT-102A
AW1042	GWF-15A	AW1330	GWO-12A	AW1696	GWO-18A
AW1042	GWMZ-10A	AW1341	GWF-25A	AW1698	GWT-101A
AW1044	GWZ-29A	AW1348	GWVW-07AH	AW1698	GWT-135A
AW1045	GWG-40A	AW1348	GWVW-11AH	AW1699	GWT-123A
AW1046	GWIS-14A	AW1349	GWVW-09AH	AW1704	GWHY-20A
AW1047	GWF-24A	AW1351	GWF-47A	AW1712	GWHO-50A
AW1061	GWO-01A	AW1359	GWP-13A	AW1712	GWHO-52A
AW1075	GWF-37A	AW1361	GWP-10A	AW1713	GWT-119A
AW1077	GWAM-01A	AW1364	GWF-88A	AW1714	GWT-133A
AW1079-1	GWBL-03A	AW1368	GWD-15A	AW1714	GWT-98A
AW1086-M	GWFI-05A	AW1369	GWBM-11A	AW1717	GWCR-40A
AW1091-A	GWBL-11A	AW1371	GWBM-09A	AW1721	GWHY-35A
AW1092	GWVO-02A	AW1382	GWHO-37A	AW1721	GWHY-42A
AW1093	GWCR-02A	AW1384	GWF-86A	AW1723	GWG-103A
AW1099	GWIH-01A	AW1399	GWBL-18A	AW1725	GWCR-41A
AW1100	GWG-36A	AW1401	GWN-49A	AW1727	GWK-22A
AW1107	GWG-12A	AW1403	GWN-29A	AW1728	GWBE-05A
AW1109	GWG-27A	AW1415	GWF-109A	AW1731	GWT-124A
AW1110	GWG-16A	AW1419	GWP-11A	AW1735	GWG-93A
AW1114	GWF-35A	AW1446	GWO-16A	AW1750	GWT-141A
AW1114	GWR-02A	AW1448	GWO-17A	AW1754	GWN-84A
AW1120	GWG-26A	AW1468	GWF-14A	AW1756	GWHO-47A
AW1121	GWG-25A	AW1472	GWF-17A	AW1778	GWHY-19A
AW1121-M	GWP-05A	AW1512	GWD-35A	AW1790	GWT-115A
AW1124	GWM-03A	AW1515	GWN-44A	AW1790	GWT-79A
AW1125	GWFI-06A	AW1523	GWFI-13A	AW1791	GWT-65A
AW1127	GWIS-01A	AW1523	GWFI-14A	AW1792	GWT-91A
AW1127	GWP-08AP	AW1530	GWVW-12A	AW1794	GWT-138A
AW1133-1	GWR-11A	AW1530	GWVW-20A	AW1794	GWT-85A
AW1137	GWG-34A	AW1537	GWN-72A	AW1795	GWMZ-49A
AW1140	GWVW-11A	AW1550	GWO-19A	AW1799	GWIS-25A
AW1151	GWF-40A	AW1562	GWF-89A	AW1823	GWT-142A
AW1155	GWO-08AP	AW1567	GWN-62A	AW1829	GWS-34A
AW1163	GWO-05AP	AW1578	GWR-14A	AW1831	GWMZ-57A
AW1164	GWDW-13A	AW1581	GWVW-13A	AW1832	GWS-30A
AW1164-C	GWDW-46A	AW1582	GWVW-14A	AW1834	GWG-106AT
AW1165	GWDW-11A	AW1615	GWBE-06A	AW1835	GWCR-43A
AW1165-D	GWO-09A	AW1624	GWHO-54A	AW1836	GWT-151A
AW1166	GWO-14AP	AW1625	GWHO-46A	AW1837	GWM-93AM
AW1167	GWDW-10A	AW1631	GWDW-90A	AW1844	GWF-116A
AW1167	GWO-10A	AW1631	GWG-90A	AW1847	GWHY-44A
AW1168	GWO-15A	AW1632	GWDW-87A	AW1847	GWHY-44AH
AW1173	GWP-02A	AW1632	GWG-87A	AW1848	GWF-119A
AW1174	GWP-04A	AW1632	GWG-88A	AW1855	GWM-52A
AW1176	GWP-07A	AW1633	GWDW-92A	AW1873	GWM-78A
AW1190	GWVO-06A	AW1633	GWG-92A	AW1899	GWF-107A
AW1195	GWR-12A	AW1637	GWT-83AH	AW1899	GWF-107AH
AW1217	GWFI-07A	AW1641	GWR-15A	AW1905	GWS-28A
AW1228	GWF-18A	AW1641	GWR-16A	AW1930	GWN-64A
AW1229	GWF-65A	AW1642	GWHD-10A	AW1932	GWT-150A
AW1230	GWF-49A	AW1646	GWDW-38A	AW2039	GWIS-27A

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AIRTEX	GMB	AIRTEX	GMB	AIRTEX	GMB
AW3401	GWAM-04A	AW4093	GWMZ-44A	AW5053	GWG-64A
AW3403	GWAM-03A	AW4094	GWF-82A	AW5054	GWG-80A
AW3404	GWAM-05A	AW4095	GWF-85A	AW5055	GWG-81A
AW3405	GWR-10A	AW4095	GWMZ-45A	AW5057	GWO-13A
AW3408	GWR-06A	AW4098	GWF-95A	AW5058	GWG-63A
AW3412	GWAM-08A	AW4099	GWF-81A	AW5058	GWS-15A
AW3413	GWAM-06A	AW4100	GWF-75A	AW5062	GWG-83A
AW3414	GWAM-07A	AW4101	GWF-96A	AW5064	GWG-85A
AW4002	GWF-28A	AW4102	GWF-97A	AW5067	GWG-74A
AW4003	GWF-10A	AW4103	GWF-94A	AW5070	GWG-75A
AW4005	GWF-16A	AW4105	GWF-101A	AW5072	GWG-84A
AW4014	GWF-44A	AW4107	GWF-99A	AW5073	GWG-79A
AW4016	GWF-21A	AW4108	GWF-102A	AW5075	GWG-78A
AW4017	GWF-22A	AW4113	GWF-83A	AW5076	GWCR-01A
AW4018	GWF-104A	AW4115	GWF-100A	AW5076	GWG-86A
AW4022	GWF-36A	AW4130	GWF-116A	AW5077	GWG-82A
AW4024	GWF-27A	AW4132	GWMZ-75A	AW7100	GWCR-06A
AW4030N	GWF-39A	AW5000	GWG-05A	AW7101	GWCR-04A
AW4033	GWF-41A	AW5000P	GWG-05AP	AW7104	GWM-15A
AW4034	GWF-48A	AW5001	GWG-04A	AW7105	GWM-12A
AW4035	GWF-57A	AW5003	GWG-29A	AW7106	GWM-14A
AW4038	GWF-56A	AW5004	GWG-03A	AW7108	GWM-19A
AW4039	GWF-53A	AW5006	GWG-17A	AW7108	GWM-46A
AW4039	GWMZ-37A	AW5007	GWG-06A	AW7110	GWCR-05A
AW4040	GWF-50A	AW5008	GWG-33A	AW7111	GWM-22A
AW4041	GWF-51A	AW5009	GWIS-19A	AW7114	GWM-23A
AW4042	GWF-58A	AW5010	GWG-37A	AW7115	GWHY-17A
AW4044	GWF-67A	AW5013	GWG-19A	AW7115	GWM-17A
AW4048	GWF-55A	AW5014	GWG-20A	AW7115	GWM-77A
AW4048	GWF-62A	AW5014P	GWG-20AP	AW7116	GWM-13A
AW4049	GWF-66A	AW5015	GWG-21A	AW7117	GWHY-107A
AW4049	GWK-17A	AW5016	GWG-22A	AW7117	GWM-32A
AW4049	GWMZ-31A	AW5017	GWG-11A	AW7117	GWM-39A
AW4050	GWF-63A	AW5020	GWG-51A	AW7118	GWM-27A
AW4051	GWF-60A	AW5022	GWG-52A	AW7120	GWM-37A
AW4052	GWF-26A	AW5023	GWG-102A	AW7121	GWM-40A
AW4052	GWF-70A	AW5024	GWG-44A	AW7121	GWM-74A
AW4053	GWF-64A	AW5027	GWG-53A	AW7122	GWCR-26A
AW4053	GWK-32A	AW5028	GWG-45A	AW7126	GWCR-27A
AW4053	GWK-52A	AW5029	GWG-57A	AW7127	GWCR-28A
AW4053	GWMZ-32A	AW5029	GWS-08A/12A	AW7129	GWM-50A
AW4053	GWMZ-71A	AW5029	GWS-12A	AW7131	GWHY-08A
AW4054	GWF-61A	AW5030	GWG-23A	AW7131	GWM-53A
AW4057	GWF-93A	AW5031	GWIS-30A	AW7135	GWM-47A
AW4060	GWF-77A	AW5032	GWG-47A	AW7136	GWAM-09A
AW4060	GWMZ-47A	AW5033	GWG-48A	AW7140	GWCR-29A
AW4065	GWF-69A	AW5035	GWG-72A	AW7141	GWCR-31A
AW4066	GWF-75A	AW5036	GWG-61A	AW7145	GWCR-38A
AW4068	GWF-71A	AW5037	GWG-60A	AW7147	GWM-47A
AW4068	GWMZ-35A	AW5038	GWG-70A	AW7148	GWM-48A
AW4069	GWF-72A	AW5040	GWG-54A	AW7150	GWCR-30A
AW4078	GWMZ-41A	AW5041	GWG-49A	AW7151	GWCR-32A
AW4078	GWMZ-69A	AW5043	GWG-66A	AW7152	GWM-51A
AW4079	GWF-76A	AW5045	GWG-46A	AW7153	GWCR-33A
AW4084	GWF-108A	AW5048	GWS-16A	AW7156	GWCR-39A
AW4087	GWF-92A	AW5048	GWDW-16A	AW7158	GWCR-34A
AW4088	GWF-90A	AW5049	GWG-55A	AW7159	GWCR-37A
AW4089	GWF-79A	AW5049	GWG-62A	AW7160	GWCR-36A
AW4090	GWF-80A	AW5050	GWG-59A	AW7162	GWCR-35A
AW4091	GWF-91A	AW5050N	GWG-76A	AW7164	GWAM-10A
AW4091	GWMZ-54A	AW5050N	GWG-77A	AW855	GWG-42A
AW4093	GWF-84A	AW5051	GWG-69A	AW890	GWT-06A

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AIRTEX	GMB	AIRTEX	GMB	AIRTEX	GMB
AW895	GWG-01A	AW9069	GWHO-22A	AW9179	GWN-01A
AW898	GWG-35A	AW9071	GWVW-06A	AW9185	GWBL-01A
AW9003	GWFI-03A	AW9074	GWFI-73A	AW9187	GWO-02A
AW9004	GWVW-08A	AW9074	GWN-36A	AW9189	GWT-22A
AW9006	GWT-26AF	AW9074	GWT-36A	AW9193	GWP-06A
AW9008	GWN-12AF	AW9075	GWT-62A	AW9198	GWN-19A
AW9009	GWN-03A	AW9076	GWG-58A	AW9200	GWT-61A
AW9010	GWN-02A	AW9076	GWT-63A	AW9203	GWFI-04A
AW9011	GWN-05A	AW9078	GWT-08A	AW9206	GWN-40A
AW9012	GWT-01A	AW9080	GWSU-14A	AW9207	GWN-39A
AW9013	GWVO-01A	AW9082	GWBL-05A	AW9209	GWHO-28A
AW9014	GWSU-01A	AW9083	GWHO-23A	AW9211	GWBL-12A
AW9015	GWT-30A	AW9084	GWFI-01A	AW9212	GWM-44A
AW9016	GWT-35A	AW9085	GWFI-12A	AW9213	GWN-48A
AW9017	GWT-23A	AW9086	GWT-51A	AW9214	GWN-42A
AW9017	GWT-41A	AW9087	GWT-67A	AW9215	GWSU-15A
AW9018	GWT-31A	AW9092	GWT-54A	AW9215	GWSU-21A
AW9018	GWT-31AF	AW9093	GWSU-06A	AW9216	GWT-87A
AW9020	GWMZ-03A	AW9094	GWT-42A	AW9218	GWHO-35A
AW9021	GWT-10A	AW9097	GWHO-25A	AW9220	GWIS-32A
AW9025	GWSU-03A/04A	AW9098	GWT-68A	AW9221	GWIS-33A
AW9026	GWN-11A	AW9099	GWT-77A	AW9223	GWSU-12A
AW9027	GWT-32A	AW9100	GWT-82A	AW9224	GWHO-27A
AW9028	GWT-38A	AW9104	GWN-41A	AW9227	GWS-03A
AW9029	GWHO-06A	AW9105	GWIS-22A	AW9232	GWS-11A
AW9029	GWHO-10A	AW9107	GWSA-03A	AW9237	GWD-32A
AW9029	GWHO-14AP	AW9108	GWSA-02A	AW9238	GWD-34A
AW9029	GWHO-15AP	AW9111	GWMZ-29A	AW9247	GWT-89A
AW9031	GWN-23AF	AW9114	GWN-20A	AW9250	GWHO-32A
AW9033N	GWHO-03A	AW9115	GWHO-24A	AW9251	GWHO-34A
AW9033N	GWHO-12AP	AW9116	GWN-35A	AW9253	GWHO-44A
AW9033N	GWHO-13AP	AW9117	GWBM-06A	AW9255	GWSU-16A
AW9034	GWHO-15AP/16AP	AW9119	GWBM-04A	AW9256	GWT-120AH
AW9035	GWHO-08A	AW9120	GWBM-08A	AW9256	GWT-95A
AW9039N	GWT-55A	AW9122	GWBM-05A	AW9257	GWT-84A
AW9040N	GWT-52A	AW9129	GWHO-29A	AW9258	GWT-71A
AW9041	GWN-24A	AW9130	GWHO-26A	AW9259	GWMZ-42A
AW9043N	GWHO-07A	AW9131	GWHO-30A	AW9269	GWT-99A
AW9044	GWN-26A	AW9132	GWIS-20A	AW9270	GWN-50A
AW9045	GWT-43A	AW9133	GWIS-31A	AW9271	GWG-68A
AW9046	GWT-49A	AW9140	GWT-107A	AW9271	GWT-83A
AW9048	GWT-53A	AW9140	GWT-122A	AW9272	GWG-71A
AW9049	GWVO-03A	AW9140	GWT-67A	AW9272	GWT-86A
AW9050	GWMZ-21A	AW9141	GWT-64A	AW9272	GWT-86AH
AW9053	GWMZ-18A	AW9142	GWT-80A	AW9273	GWHO-33A
AW9056	GWHO-21A	AW9145	GWT-81A	AW9274R	GWVW-19A
AW9057	GWG-50A	AW9148	GWVO-05A	AW9278	GWIS-34A
AW9057	GWT-58A	AW9149	GWBM-01A	AW9279	GWVW-21A
AW9057	GWT-78A	AW9152	GWBM-02A	AW9282	GWR-01A
AW9058	GWN-28A	AW9153	GWBM-07A	AW9285	GWVO-07A
AW9059	GWT-57A	AW9155	GWT-73A	AW9288	GWHO-36A
AW9059	GWT-94A	AW9161	GWSU-13A	AW9291	GWT-90A
AW9060	GWMZ-25A	AW9162	GWN-43A	AW9293	GWT-131A
AW9063	GWN-31A	AW9164	GWBL-13A	AW9293	GWT-96A
AW9064	GWT-50A	AW9166	GWMZ-36A	AW9296	GWT-24A
AW9065	GWVW-07A	AW9167	GWMZ-38A	AW9298	GWT-66A
AW9066	GWVW-09A	AW9168	GWM-45A	AW9300	GWMZ-02A
AW9067	GWFI-52A	AW9170	GWT-28A	AW9301	GWR-03A
AW9067	GWMZ-30A	AW9172	GWBE-02A	AW9302	GWIS-35A
AW9067	GWMZ-56A	AW9176	GWBE-03A	AW9305	GWMZ-39A
AW9067	GWS-31A	AW9177	GWVW-04A	AW9306	GWT-92A
AW9068	GWVO-04A	AW9178	GWBE-01A	AW9309	GWN-51A

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AIRTEX	GMB	GRAF	GMB	GRAF	GMB
AW9310	GWM-60A	PA015	GWFI-04A	PA121	GWO-08AP
AW9318	GWMZ-43A	PA018	GWFI-02A	PA126	GWBF-05A
AW932	GWF-11A	PA019	GWFI-11A	PA130	GWF-25A
AW9320	GWT-106A	PA035	GWF-02A	PA131	GWF-03A
AW9321	GWHO-56A	PA044	GWO-01A	PA133	GWBE-01A
AW9324	GWT-97A	PA046	GWO-02A	PA134	GWBE-02A
AW9325	GWT-103A	PA047	GWR-02A	PA141	GWR-03A
AW9328	GWMZ-74A	PA052	GWBL-01A	PA142	GWR-03A
AW9334	GWT-93A	PA053	GWBM-07A	PA145	GWVW-08A
AW9338	GWN-61A	PA054	GWFI-01A	PA146	GWVW-09A
AW9342	GWS-36A	PA074	GWP-01A	PA147	GWP-08AP
AW9349	GWHO-40A	PA081	GWR-01A	PA149	GWBM-01A
AW9352	GWHO-39A	PA083	GWF-47A	PA153	GWF-10A
AW9359	GWM-54A	PA085	GWVO-01A	PA155	GWP-01A
AW9360	GWM-59A	PA089	GWFI-09A	PA159	GWFI-07A
AW9364	GWHY-23A	PA091	GWF-01A	PA162	GWFI-05A
AW9364	GWHY-23A	PA096	GWP-02A	PA163	GWFI-03A
AW9367	GWT-117A	PA099	GWBM-05A	PA164	GWFI-05A
AW9367	GWT-117AH	PA1000	GWM-82A	PA174	GWF-08A
AW9371	GWMZ-55A	PA1001	GWT-141A	PA174	GWF-14A
AW9374	GWS-23A	PA1002	GWHY-44A	PA175	GWFI-06A
AW9378	GWVW-18A	PA1002	GWHY-44AH	PA187	GWBL-01A
AW9383	GWHO-57A	PA1004	GWD-50AH	PA188	GWP-04A
AW9385	GWS-20A	PA1004	GWT-134AH	PA190	GWP-05A
AW9389	GWM-61A	PA1005	GWT-121A	PA193	GWF-09A
AW9394	GWMZ-48A	PA1008	GWSU-16A	PA196	GWBF-01A
AW9395	GWT-140A	PA1009	GWM-54A	PA201	GWN-02A
AW9399	GWM-80A	PA1012	GWM-79A	PA201	GWN-13AF
AW9399	GWM-81A	PA1014	GWS-28A	PA202	GWN-03A
AW9417	GWHY-43A	PA1015	GWMZ-56A	PA203	GWN-05A
AW9417	GWHY-43A	PA1016	GWM-83A	PA204	GWHO-13AP
AW9419	GWHO-48A	PA1017	GWS-36A	PA205	GWHO-15AP
AW9419	GWHO-55A	PA1019	GWVO-07A	PA206	GWHO-12AP
AW9470	GWHO-53A	PA102	GWVO-06A	PA207	GWHO-16AP
AW9477	GWHY-11A	PA102	GWVW-06A	PA208	GWMZ-03A
AW953	GWF-23A	PA1020	GWT-142A	PA209	GWT-03A
AW960	GWF-38A	PA1035	GWR-14A	PA210	GWT-01A
AW964	GWF-03A	PA1036	GWS-20A	PA211	GWT-10A
AW966	GWF-01A	PA104	GWCR-01A	PA212	GWT-02A
AW975	GWG-28A	PA105	GWBE-02A	PA213	GWT-09A
AW984	GWG-31A	PA1052	GWS-45A	PA214	GWT-04A
AW987	GWT-02A	PA1055	GWHY-21A	PA215	GWT-08A
AW988	GWT-04A	PA106	GWBE-03A	PA216	GWT-28A
		PA1066	GWN-84A	PA218	GWT-36A
		PA1068	GWG-94A	PA219	GWMZ-02A
		PA1069	GWD-57A	PA232	GWF-18A
		PA1069	GWT-146A	PA232	GWF-40A
		PA1080	GWT-116A	PA233	GWVW-04A
		PA1080	GWT-116AH	PA235	GWG-11A
		PA1080	GWT-150A	PA235	GWDW-11A
		PA1082	GWM-93AM	PA236	GWO-09A
		PA1086	GWT-149A	PA243	GWBM-04A
		PA1106	GWHY-22A	PA244	GWO-14AP
		PA1114	GWM-65A	PA251	GWP-07A
		PA1120	GWF-107A	PA252	GWP-06A
		PA1120	GWF-107AH	PA253	GWD-15A
		PA1125	GWHY-110A	PA254	GWR-06A
		PA114	GWVO-03A	PA264	GWBM-02A
		PA1144	GWT-92A	PA266	GWF-17A
		PA1145	GWM-78A	PA279	GWVW-07A
		PA115	GWBM-03A	PA279	GWVW-11A
		PA117	GWF-18A	PA284	GWSA-02A

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GRAF	GMB	GRAF	GMB	GRAF	GMB
PA286	GWFI-13A	PA505	GWHO-04A	PA697	GWM-77A
PA286A	GWFI-14A	PA506	GWHO-05A	PA698	GWHY-35A
PA287	GWSU-01A	PA507	GWHO-06A	PA700	GWHY-107A
PA288	GWSU-03A	PA508	GWN-48A	PA700	GWM-32A
PA305	GWD-17A	PA518	GWSU-04A	PA700	GWM-39A
PA312	GWVO-04A	PA519	GWSU-12A	PA701	GWM-52A
PA317	GWBL-05A	PA523	GWSU-11A	PA702	GWM-44A
PA321	GWFI-65A	PA524	GWSU-14A	PA703	GWN-52A
PA322	GWFI-49A	PA525	GWCR-17A	PA710	GWBE-05A
PA323	GWFI-87A	PA526	GWCR-18A	PA715	GWT-77A
PA324	GWO-11A	PA531	GWR-12A	PA717	GWT-86AH
PA325	GWDW-10A	PA535	GWT-41A	PA718	GWT-117A
PA325	GWG-61A	PA537	GWN-44A	PA718	GWT-117AH
PA325	GWO-10A	PA538	GWN-39A	PA718,766A	GWT-93A
PA326	GWO-15A	PA539	GWN-68A	PA724A	GWR-15A
PA333	GWSU-13A	PA540	GWN-31A	PA724A	GWR-16A
PA344	GWVW-07A*	PA541	GWO-16A	PA725	GWS-08A
PA348	GWP-13A	PA546	GWVW-09AH	PA725	GWS-12A
PA351	GWT-30A	PA547	GWR-02A	PA726	GWS-16A
PA352	GWT-31A	PA549	GWHO-11A	PA727	GWHD-10A
PA353	GWR-03A	PA550	GWR-10A	PA731	GWVW-18A
PA359	GWBM-08A	PA550	GWR-11A	PA732	GWM-59A
PA374	GWBL-17A	PA551	GWMZ-21A	PA738	GWDW-38A
PA375	GWBL-14A	PA555	GWD-35A	PA738	GWS-13A
PA379	GWBM-05A	PA556	GWD-32A	PA738	GWS-19A
PA380	GWBM-06A	PA556	GWD-46A	PA758	GWVW-19A
PA385	GWHO-22A	PA558	GWFI-07A	PA766	GWT-68A
PA390	GWBM-10A	PA563	GWHO-28A	PA767	GWT-115A
PA391	GWP-10A	PA564	GWHO-34A	PA767	GWT-79A
PA393	GWP-12A	PA572A	GWO-18A	PA768	GWT-78A
PA398	GWFI-15A	PA575	GWFI-06A	PA771	GWT-114A
PA400	GWFI-86A	PA577	GWO-17A	PA771	GWT-54A
PA401	GWFI-88A	PA579	GWVW-07AH	PA772	GWT-58A
PA404	GWFI-06A	PA579	GWVW-11AH	PA773	GWS-15A
PA409	GWDW-12A	PA581	GWR-01A	PA774	GWS-03A
PA409	GWO-12A	PA587	GWBL-11A	PA774	GWS-11A
PA413	GWSA-03A	PA590	GWFI-109A	PA775	GWT-61A
PA427	GWBL-18A	PA591	GWVW-21A	PA776	GWM-45A
PA427	GWBL-19A	PA596	GWFI-12A	PA777	GWN-20A
PA428	GWHO-26A	PA602	GWN-36A	PA778	GWHO-24A
PA430	GWBM-11A	PA603	GWVW-12A	PA780	GWM-23A
PA432A	GWBM-09A	PA603	GWVW-20A	PA781	GWN-53A
PA434	GWN-24A	PA611	GWN-72A	PA782	GWM-46A
PA434	GWN-49A	PA635	GWN-57A	PA783	GWMZ-32A
PA435	GWN-35A	PA640	GWFI-89A	PA783	GWMZ-71A
PA436	GWN-29A	PA648	GWN-51A	PA786	GWS-31A
PA437	GWMZ-31A	PA660	GWN-62A	PA788	GWN-63A
PA437A	GWK-31A	PA664	GWO-19A	PA789	GWM-69A
PA439	GWMZ-35A	PA668	GWHO-54A	PA790	GWMZ-25A
PA441	GWO-05AP	PA669	GWHO-39A	PA793	GWT-63A
PA442	GWDW-13A	PA674	GWVW-13A	PA795	GWHY-130A
PA442	GWO-13A	PA676	GWVW-14A	PA796	GWM-56A
PA443	GWDW-46A	PA688	GWCR-30A	PA797	GWIS-20A
PA443	GWG-46A	PA694	GWDW-90A	PA798	GWD-27A
PA456	GWHO-08A	PA694	GWG-90A	PA799	GWM-47A
PA458	GWHO-11A	PA695	GWDW-87A	PA809	GWIS-25A
PA459	GWHO-23A	PA695	GWG-87A	PA811	GWIS-28A
PA479	GWT-53A	PA695	GWG-88A	PA812	GWN-23AF
PA486	GWT-64A	PA696	GWDW-92A	PA813	GWN-41A
PA493	GWN-42A	PA696	GWG-92A	PA814	GWN-46AF
PA501	GWFI-108A	PA697	GWHY-17A	PA823	GWN-76A
PA504	GWHO-03A	PA697	GWM-17A	PA826	GWT-100A

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GRAF	GMB	NPW	GMB	NPW	GMB
PA826	GWT-136A	D-2	GWD-16A	H-39	GWHO-33A
PA827	GWT-102A	D-23	GWD-24A	H-4	GWHO-04A
PA829	GWHY-20A	D-24	GWD-27A	H-40	GWHO-34A
PA830	GWN-73A	D-25	GWD-28A	H-41	GWHO-40A
PA864	GWT-101A	D-3	GWD-15A	H-42	GWHO-44A
PA864	GWT-135A	D-30	GWD-30A	H-43	GWHO-45A
PA876	GWHO-48A	D-31	GWD-31A	H-46	GWHO-48A
PA876	GWHO-55A	D-32	GWD-29A	H-48	GWIS-34A
PA877	GWHY-19A	D-34	GWD-34A	H-49	GWIS-44A
PA896	GWHO-33A	D-35	GWD-32A	H-5	GWHO-05A
PA897	GWHO-40A	D-4	GWD-14A	H-5	GWHO-06A
PA903	GWMZ-58A	D-40	GWD-35A	H-50	GWHO-52A
PA912	GWT-119A	D-6	GWD-26A	H-51	GWHO-47A
PA917	GWMZ-42A	D-7	GWD-25A	H-6	GWHO-10A
PA917	GWMZ-43A	D-8	GWD-17A	H-7	GWHO-07A
PA918	GWM-48A	F-1	GWSU-01A	H-8	GWHO-08A
PA919	GWT-98A	F-13	GWSU-11A	H-9	GWHO-18A
PA920	GWM-60A	F-17	GWSU-12A	H-9	GWHO-43A
PA921	GWMZ-51A	F-19	GWSU-15A	I-1	GWIS-10A
PA922	GWHY-109A	F-20	GWSU-16A	I-2	GWIS-01A
PA922	GWM-27A	F-21	GWSU-17A	I-22	GWIS-15A
PA923	GWT-91A	F-22	GWSU-18A	I-22	GWIS-20A
PA924	GWSU-15A	F-24	GWN-73A	I-22	GWIS-23A
PA925	GWHO-32A	F-3	GWSU-04A	I-22F	GWIS-20F
PA926	GWS-23A	F-4	GWSU-03A	I-23	GWIS-23A
PA927	GWN-40A	F-6	GWSU-05A	I-24	GWIS-10A
PA928	GWMZ-50A	F-7	GWSU-06A	I-25	GWIS-19A
PA929	GWT-87A	F-8	GWSU-13A	I-25A	GWSI-28A
PA930	GWM-57A	F-9	GWSU-14A	I-26	GWIS-25A
PA931	GWMZ-39A	FR-2	GWSU-07RK	I-26A	GWIS-25A
PA931	GWMZ-55A	FV-30	GWDW-16A	I-27	GWIS-26A
PA932	GWN-65AF	FV-58	GWM-93AMPH	I-28	GWIS-22A
PA933	GWMZ-41A	H-1	GWHO-01AP	I-29	GWIS-31A
PA934	GWHY-11A	H-10	GWHO-16AP	I-3	GWIS-17A
PA935	GWM-55A	H-11	GWHO-11A	I-30	GWIS-37A
PA936	GWT-71A	H-12	GWHO-13AP	I-32	GWIS-35A
PA937	GWM-58A	H-13	GWHO-14AP	I-34	GWIS-30A
PA944	GWT-86A	H-14	GWHO-15AP	I-36	GWIS-20A
PA945	GWT-83AH	H-15	GWHO-12AP	I-36	GWIS-23A
PA946	GWS-34A	H-16	GWHO-07A	I-37	GWIS-29A
PA948	GWHO-59A	H-17	GWHO-10A	I-38	GWIS-29A
PA949	GWHO-47A	H-18	GWHO-08A	I-4	GWIS-15A
PA952	GWT-124A	H-19	GWHO-07A	I-4	GWIS-20A
PA953	GWT-133A	H-2	GWHO-03A	I-43	GWIS-45A
PA957	GWG-103A	H-20	GWHO-21A	I-43A	GWIS-25A
PA962	GWMZ-57A	H-21	GWHO-22A	I-45	GWIS-42A
PA963	GWT-123A	H-22	GWHO-22A	I-46	GWIS-34A
PA970	GWHO-52A	H-23	GWHO-23A	I-46A	GWIS-44A
PA971	GWHO-50A	H-24	GWHO-31A	I-49	GWIS-33A
PA972	GWHY-42A	H-25	GWHO-26A	I-5	GWIS-16A
PA973	GWMZ-70A	H-26	GWHO-30A	I-50	GWIS-32A
PA975	GWS-30A	H-27	GWHO-29A	I-52	GWIS-40A
PA990	GWF-119A	H-28	GWHO-28A	I-53	GWIS-38A
PA991	GWG-93A	H-29	GWHO-27A	I-56F	GWIS-21F
PA995	GWN-64A	H-3	GWHO-02A	I-59	GWIS-50A
PA997	GWM-12A	H-30	GWHO-24A	I-7	GWIS-43A
PA999	GWM-70A	H-31	GWHO-25A	I-7A	GWIS-43A
PA999	GWM-80A	H-32	GWHO-32A	M-1	GWM-01A
		H-33	GWHO-41A	M-15A	GWM-24A
		H-36	GWHO-46A	M-16	GWM-33A
		H-37	GWHO-28A	M-17	GWM-27A
		H-38	GWHO-39A	M-18	GWM-30A

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NPW	GMB	NPW	GMB	NPW	GMB
H-39	GWHO-33A	N-14	GWN-20A	N-86	GWN-61A
H-4	GWHO-04A	N-14F	GWN-33F	N-9	GWN-19A
H-40	GWHO-34A	N-16	GWN-05A	N-93F	GWN-33F
H-41	GWHO-40A	N-17	GWN-23AF	S-10	GWS-10A
H-42	GWHO-44A	N-17A	GWN-23AF	S-11	GWS-09A
H-43	GWHO-45A	N-2	GWN-03A	S-12	GWS-15A
H-46	GWHO-48A	N-21	GWN-30A	S-12	GWS-30A
H-48	GWIS-34A	N-22	GWN-21A	S-13	GWS-17A
H-49	GWIS-44A	N-23	GWN-31A	S-14	GWS-16A
H-5	GWHO-05A	N-23F	GWN-31F	S-15	GWS-19A
H-5	GWHO-06A	N-24	GWN-28A	S-16	GWS-21A
H-50	GWHO-52A	N-24F	GWN-16F	S-17	GWS-15A
H-51	GWHO-47A	N-24F	GWN-33F	S-18	GWS-21A
H-6	GWHO-10A	N-25	GWN-38A	S-19	GWS-23A
H-7	GWHO-07A	N-26	GWN-29A	S-22	GWS-27A
H-8	GWHO-08A	N-27	GWN-37A	S-23	GWS-25A
H-9	GWHO-18A	N-28	GWN-35A	S-25	GWS-30A
H-9	GWHO-43A	N-29	GWN-49A	S-26	GWS-20A
I-1	GWIS-10A	N-3	GWN-02A	S-28	GWS-26A
I-2	GWIS-01A	N-30	GWN-39A	S-3	GWS-02A
I-22	GWIS-15A	N-31	GWN-40A	S-30	GWS-22A
I-22	GWIS-20A	N-34	GWN-42A	S-31	GWS-14A
I-22	GWIS-23A	N-35	GWN-32A	S-32	GWS-24A
I-22F	GWIS-20F	N-35F	GWN-33F	S-5	GWS-07A
I-23	GWIS-23A	N-36	GWN-46AF	S-6	GWS-03A
I-24	GWIS-10A	N-38	GWN-26A	S-7	GWS-10A
I-25	GWIS-19A	N-39	GWN-55A	S-8	GWS-11A
I-25A	GWIS-28A	N-4	GWN-06A	S-9	GWS-08A
I-26	GWIS-25A	N-40	GWN-36A	S-9A	GWS-12A
I-26A	GWIS-25A	N-41	GWN-65AF	S-9A	GWS-30A
I-27	GWIS-26A	N-42	GWN-47AF	T-1	GWT-02A
I-28	GWIS-22A	N-43	GWN-53A	T-10	GWT-24A
I-29	GWIS-31A	N-45	GWN-48A	T-10/D-13	GWT-24A
I-3	GWIS-17A	N-49	GWN-05A	T-104	GWT-90A
I-30	GWIS-37A	N-49	GWN-49A	T-105	GWT-85A
I-32	GWIS-35A	N-5	GWN-05A	T-107	GWT-71A
I-34	GWIS-30A	N-50	GWN-45A	T-109	GWT-86A
I-36	GWIS-20A	N-52	GWN-72A	T-109A	GWT-86A
I-36	GWIS-23A	N-53	GWN-68A	T-109AH	GWT-86A
I-37	GWIS-29A	N-54	GWN-59A	T-11	GWT-04A
I-38	GWIS-29A	N-55	GWN-70A	T-110	GWT-99A
I-4	GWIS-15A	N-57	GWN-69A	T-111	GWT-111A
I-4	GWIS-20A	N-59	GWN-64A	T-112	GWT-107A
I-43	GWIS-45A	N-5F	(GWN-16F)	T-112	GWT-67A
I-43A	GWIS-25A	N-5F	(GWN-33F)	T-113	GWT-117A
I-45	GWIS-42A	N-5F	GWN-16F	T-113	GWT-93A
I-46	GWIS-34A	N-5F	GWN-33F	T-115	GWT-110A
I-46A	GWIS-44A	N-6	GWN-10A	T-117	GWT-107A
I-49	GWIS-33A	N-60	GWN-51A	T-117	GWT-122A
I-5	GWIS-16A	N-61	GWN-60A	T-117	GWT-122A*
I-50	GWIS-32A	N-62	GWN-41A	T-118	GWT-120A
I-52	GWIS-40A	N-63	GWN-44A	T-118	GWT-120AH
I-53	GWIS-38A	N-65	GWN-43A	T-12	GWT-04A
I-56F	GWIS-21F	N-66	GWN-50A	T-12	GWT-44A
I-59	GWIS-50A	N-7	GWN-12AF	T-120	GWT-92A
I-7	GWIS-43A	N-71	GWN-52A	T-121	GWT-98A
I-7A	GWIS-43A	N-74	GWN-54A	T-123	GWT-96A
M-1	GWM-01A	N-76	GWN-73A	T-125	GWT-116A
M-15A	GWM-24A	N-78F	GWN-16F	T-125	GWT-116AH
M-16	GWM-33A	N-78F	GWN-33F	T-126	GWT-87A
M-17	GWM-27A	N-8	GWN-11A	T-127	GWT-84A
M-18	GWM-30A	N-84	GWN-46AF	T-128	GWT-100A

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NPW	GMB	NPW	GMB	NPW	GMB
T-120	GWT-92A	T-35	GWT-32A	T-9	GWT-01A
T-121	GWT-98A	T-36	GWT-25A	T-9/D-16	GWT-01A
T-123	GWT-96A	T-38	GWT-15A	T-90	GWT-81A
T-125	GWT-116A	T-39	GWT-36A	T-93	GWT-83A
T-125	GWT-116AH	T-4	GWT-09A	T-93	GWT-83AH
T-125	GWT-150A	T-4/D-15	GWT-09A	T-93A	GWT-83A
T-126	GWT-87A	T-40	GWT-06A	T-93A	GWT-83AH
T-127	GWT-84A	T-42	GWT-14A	T-93AH	GWT-83AH
T-128	GWT-100A	T-42/D-12	GWT-14A	T-94	GWT-57A
T-12AF	GWT-26AF	T-45	GWT-08A	T-94	GWT-94A
T-12AF	GWT-44A*	T-46	GWT-18A	T-95	GWT-73A
T-12AF	GWT-80A	T-47	GWT-19A	T-97	GWT-71A
T-13	GWT-27A	T-49	GWT-22A	T-98	GWT-71A
T-130	GWT-101A	T-5	GWT-30A	T-99	GWT-91A
T-132	GWT-97A	T-5/D-17	GWT-30A		
T-133	GWT-103A	T-50	GWT-88A		
T-134	GWT-119A	T-50AF	GWT-88A		
T-139	GWT-94A	T-51	GWT-89A		
T-13AF	GWT-27AFH	T-53	GWT-62A		
T-13F	GWT-27F	T-54	GWT-58A		
T-14	GWT-28A	T-55	GWT-62A		
T-15	GWT-38A	T-55F	GWT-31F		
T-153F	GWT-153F	T-56	GWT-52A		
T-156	GWT-151A	T-57	GWT-61A		
T-16	GWT-23A	T-57F	GWT-61F		
T-16	GWT-26AF	T-58	GWT-57A		
T-16	GWT-41A	T-58/D-28	GWT-57A		
T-164	GWT-150A	T-59	GWT-54A		
T-16F	GWT-32F	T-59/D-27	GWT-54A		
T-17	GWT-49A	T-59F	GWT-27F		
T-17/D-22	GWT-49A	T-6	GWT-31A		
T-18	GWT-42A	T-6/D-18	GWT-31A		
T-18F	GWT-32F	T-63	GWT-63A		
T-19	GWT-38A	T-64	GWT-65A		
T-19	GWT-43A	T-67	GWT-64A		
T-19	GWT-78A	T-68	GWT-68A		
T-2	GWT-03A	T-68	GWT-68A*		
T-20	GWT-46A	T-69	GWT-72A		
T-21	GWT-45A	T-6AF	GWT-31AF		
T-22	GWT-47A	T-6F	GWT-31F		
T-22/D-5	GWT-47A	T-7	GWT-05A		
T-23	GWT-21A	T-7/D-10	GWT-05A		
T-23/24	GWT-21A	T-70	GWT-73A		
T-23/4	GWT-21A	T-71	GWT-74A		
T-24	GWT-21A	T-72	GWT-75A		
T-25	GWT-28A	T-73	GWT-48A		
T-25F	GWT-28F	T-74	GWT-108A		
T-26	GWT-60A	T-76	GWT-82A		
T-26/D-19	GWT-60A	T-77	GWT-78A		
T-27	GWT-55A	T-79	GWT-66A		
T-27F	GWT-28F	T-8	GWT-12A		
T-28	GWT-59A	T-8/D-11	GWT-12A		
T-28/D-21	GWT-59A	T-80	GWT-70A		
T-28F	GWT-59F	T-84	GWT-79A		
T-29A	GWT-109A	T-85	GWT-82A		
T-3	GWT-10A	T-86	GWT-67A		
T-30	GWT-53A	T-87	GWT-77A		
T-31	GWT-35A	T-87AH	GWT-77A		
T-31F	GWT-35F	T-88	GWT-58A		
T-32	GWT-50A	T-88	GWT-68A		
T-32/D-21A	GWT-50A	T-88	GWT-93A*		
T-33	GWT-51A	T-89	GWT-80A		

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PARAUT	GMB	PARAUT	GMB	PARAUT	GMB
C3-002	(GWM-13A)	D3-004	GWD-24A	G3-030	GWIS-25A
C3-002	(GWM-37A)	D3-005	GWD-29A	G3-030	GWIS-45A
C3-006	GWM-12A	D3-007	GWD-16A	G3-032S	GWIS-42A
C3-007	GWM-24A	D3-008	GWD-15A	G3-032S	GWN-66A
C3-008	GWM-23A	D3-009	GWD-34A	G5-002	GWIS-20F
C3-016	GWM-38A	D3-010	GWD-31A	H3-001	GWHO-05A
C3-018	GWM-33A	D3-011	GWD-30A	H3-002	GWHO-14AP
C3-032	GWM-30A	D3-012	GWD-26A	H3-004	GWHO-18A
C3-032	GWMZ-26A	D3-013	GWD-27A	H3-004E	GWHO-18A
C3-033	GWM-19A	D3-014	GWD-36A	H3-004E	GWHO-43A
C3-033	GWM-46A	D3-015	GWD-37A	H3-005	(GWHO-05A)
C3-034	GWM-32A	D3-016	GWD-38A	H3-005	(GWHO-12AP)
C3-034	GWM-39A	D3-017	GWD-33A	H3-008	GWHO-16AP
C3-035	GWM-35A	D3-018	GWD-46A	H3-009	GWHO-08A
C3-036	GWM-43A	D3-019	GWD-39A	H3-010	(GWHO-06A)
C3-037	GWM-43A	D3-020	GWD-44A	H3-010	(GWHO-10A)
C3-038	GWM-17A	D3-021	GWD-42A	H3-011	GWHO-10A
C3-038	GWM-77A	D3-021	GWD-54A	H3-012	(GWHO-01AP)
C3-040	GWM-69A	D3-022	GWD-32A	H3-012	(GWHO-02A)
C3-042	GWM-16A	D3-023	GWD-48A	H3-012	(GWHO-03A)
C3-044	GWM-44A	D3-024	GWD-47A	H3-012	(GWHO-04A)
C3-045	GWM-27A	D3-025	GWD-45A	H3-012	(GWHO-13AP)
C3-046	GWM-40A	D3-026	GWD-43A	H3-012	(GWHO-15AP)
C3-046	GWM-74A	D3-026*	GWD-43AH	H3-013	GWHO-22A
C3-050	GWM-63A	D3-027	GWD-41A	H3-015	GWHO-23A
C3-051	GWM-45A	F3-001	GWSU-04A	H3-017	GWHO-07A
C3-056	GWM-37A	F3-002	GWSU-03A	H3-018	GWHO-27A
C3-058	GWM-26A	F3-003	GWSU-07RK	H3-019	GWHO-30A
C3-059	GWM-26A	F3-008	GWSU-01A	H3-020	GWHO-21A
C3-060	GWM-40A	F3-009	GWSU-14A	H3-023	GWHO-11A
C3-072	GWM-20A	F3-010	GWSU-06A	H3-025	GWHO-24A
C3-077	GWM-64A	F3-011	GWSU-11A	H3-028	GWHO-29A
C3-078	GWM-71A	F3-012	GWSU-13A	H3-029	GWHO-26A
C3-080	GWM-68A	F3-014	GWSU-11A	H3-029E	GWHO-26A
C3-081	GWM-65A	F3-016	GWSU-08RK	H3-029E	GWIS-39A
C3-082	GWM-72A	F3-018	GWSU-12A	H3-032	GWHO-22A
C3-083	GWM-59A	F3-018G	GWSU-12A	H3-032	GWHO-37A
C3-084	GWM-52A	F3-019G	GWSU-15A	H3-033	GWHO-31A
C3-085	GWM-50A	F3-020G	GWSU-16A	H3-035E	GWHO-42A
C3-086	GWM-60A	F3-021	GWSU-17A	H3-037	GWHO-44A
C3-087	GWM-66A	F3-023	GWSU-18A	H3-039	GWHO-32A
C3-089	GWM-67A	F3-024	GWSU-20A	H3-039	GWIS-40A
C3-090	GWM-47A	G3-001	GWIS-10A	H3-040	GWHO-34A
C3-091	GWM-56A	G3-003	GWIS-16A	H3-041E	GWHO-41A
C3-092S	GWM-57A	G3-005	GWIS-17A	H3-042	GWHO-25A
C3-093	GWM-48A	G3-006	GWIS-01A	H3-044E	GWHO-18A
C3-096	GWM-51A	G3-009S	GWIS-35A	H3-045	GWHO-33A
C3-097	GWM-51A	G3-010	GWIS-25A	H3-047	GWHO-28A
C3-098S	GWM-55A	G3-011	GWIS-14A	H3-049	GWHO-56A
C3-099S	GWM-61A	G3-015	GWIS-36A	H3-054G	GWHO-35A
C3-101	GWM-54A	G3-017	GWIS-15A	H3-055	GWHO-36A
C3-104	GWM-42A	G3-018	GWIS-17A	H3-057	GWHO-39A
C3-105	GWM-75A	G3-019	(GWIS-15A)	H3-057	GWIS-38A
C3-106	GWM-73A	G3-019	(GWIS-20A)	H3-059	GWHO-40A
C3-107	GWM-76A	G3-019	(GWIS-23A)	H3-060	GWHO-45A
C3-109	GWM-90A	G3-020	GWIS-29A	H3-061	GWHO-47A
C3-110	GWM-80A	G3-022	GWIS-28A	H3-062	GWHO-57A
C3-113	GWM-82A	G3-023	GWIS-37A	H3-063	GWHO-48A
C3-118	GWM-79A	G3-025	(GWIS-20A)	H3-064	GWHO-53A
C3-122	GWM-81A	G3-025	(GWIS-23A)	H3-065	GWHO-55A
D3-002	GWD-25A	G3-027	GWIS-43A	H3-066	GWHO-50A
D3-003	GWD-17A	G3-029	GWIS-31A	H3-067	GWHO-54A

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PARAUT	GMB	PARAUT	GMB	PARAUT	GMB
H3-069	GWHO-52A	T3-004	GWT-63A	T3-085	GWT-49A
H3-072	GWHO-49A	T3-005	GWT-68A	T3-088	GWT-72A
M3-002	GWMZ-13A	T3-007	GWT-14A	T3-089	GWT-73A
M3-004	GWMZ-21A	T3-008	GWT-42A	T3-090	GWT-65A
M3-005	GWMZ-22A	T3-009	GWT-41A	T3-090*	GWT-65A
M3-006	GWMZ-35A	T3-010	GWT-09A	T3-091	GWT-91A
M3-008	GWMZ-03A	T3-011	GWT-01A	T3-093	GWT-71A
M3-009	GWMZ-02A	T3-012	GWT-24A	T3-095	GWT-71A
M3-011	GWMZ-31A	T3-013	GWT-61A	T3-097S	GWT-129A
M3-011S	GWMZ-31A	T3-014	GWT-12A	T3-098	GWT-83A
M3-012	GWMZ-40A	T3-016	GWT-47A	T3-099	GWT-88A
M3-013	GWMZ-32A	T3-017	GWT-31A	T3-099*	GWT-88A
M3-013	GWMZ-71A	T3-018	GWT-30A	T3-101	GWT-77A
M3-014	GWMZ-40A	T3-019	GWT-46A	T3-102	GWT-83A
M3-015	GWMZ-52A	T3-020	GWT-45A	T3-102	GWT-83AH
M3-016	GWMZ-51A	T3-022	GWT-78A	T3-103	GWT-86A
M3-017	GWMZ-50A	T3-026	GWT-10A	T3-105*	GWT-68A
M3-023	GWMZ-29A	T3-028	GWT-27A	T3-105*	GWT-93A*
M3-024	GWMZ-56A	T3-029	(GWT-04A)	T3-106	GWT-93A
M3-025	GWMZ-30A	T3-029	(GWT-15A)	T3-107	GWT-107A
M3-026	GWMZ-39A	T3-029	(GWT-44A)	T3-109	GWT-82A
M3-027	GWMZ-43A	T3-030	GWT-43A	T3-110	GWT-120AH
M3-029	GWMZ-41A	T3-031	GWT-49A*	T3-110#	GWT-95A
M3-030	GWMZ-53A	T3-032	(GWT-38A*)	T3-111	GWT-120A
M3-031	GWMZ-38A	T3-032	(GWT-43A*)	T3-112	GWT-103A
M3-032	GWMZ-39A	T3-033	GWT-55A	T3-114	GWT-116A
M3-032	GWMZ-55A	T3-034	GWT-54A	T3-115	GWT-121A*
M3-033	GWMZ-49A	T3-034E	GWT-114A	T3-116	GWT-121A
M3-035	GWMZ-42A	T3-034E	GWT-54A	T3-117	GWT-86A
M3-036	GWMZ-69A	T3-035	GWT-50A	T3-123S	GWT-92A
M3-039	GWMZ-36A	T3-036	GWT-59A	T3-124	GWT-116AH
M3-040	GWMZ-48A	T3-038	GWT-60A	T3-125	GWT-99A
M3-041	GWMZ-30A	T3-039	GWT-28A	T3-126	GWT-96A
M3-051	GWMZ-58A	T3-044	GWT-66A	T3-128	GWT-78A
M3-052	GWMZ-57A	T3-045	GWT-53A	T3-129	GWT-77A
S3-002	GWS-02A	T3-046	GWT-57A	T3-132	GWT-122A*
S3-004	(GWS-03A)	T3-046	GWT-94A	T3-134S	GWT-101A
S3-004	(GWS-11A)	T3-047	GWT-62A	T3-135S	GWT-119A
S3-005	GWS-10A	T3-048	GWT-58A	T3-136S	GWT-133A
S3-006	GWS-09A	T3-050	GWT-67A	T3-136S	GWT-98A
S3-007	GWS-17A	T3-051	GWT-58A	T3-142	GWT-115A
S3-008	GWS-07A	T3-052	GWT-63A	T3-142S	GWT-79A
S3-012	GWS-15A	T3-053	GWT-27AFH	T3-143	GWT-100A
S3-012S	GWS-15A	T3-058	GWT-53A*	T3-152	GWT-139A
S3-013	(GWS-08A)	T3-059	GWT-67A	T3-157	GWT-142A
S3-013	(GWS-12A)	T3-060	GWT-77A*	T5-001	(GWT-61F)
S3-013	GWS-30A	T3-061	GWT-55A*	T5-001	GWT-61F
S3-014	GWS-16A	T3-065	GWT-52A	T5-003	GWT-27F
S3-014S	GWS-16A	T3-066	GWT-82A	T5-005	GWT-32F
S3-015	GWS-19A	T3-067	GWT-84A	T5-006	GWT-32F
S3-016	GWS-21A	T3-068	GWT-113A	T5-013	GWT-28F
S3-017	GWS-14A	T3-069	GWT-109A	T5-025	GWT-35F
S3-018	GWS-24A	T3-070	GWT-108A	T5-027	GWT-31F
S3-019	GWS-25A	T3-071	GWD-13A	T5-028	GWT-59F
S3-020	GWS-26A	T3-072	GWT-79A	V3-001	GWN-11A
S3-024	GWS-34A	T3-073	GWT-110A	V3-002	GWN-01A
S3-025	GWS-32A	T3-075	GWT-112A	V3-003	GWN-03A
S3-026G	GWS-27A	T3-076	GWT-81A	V3-004	GWN-02A
S3-027	GWS-28AH	T3-078	GWT-73A	V3-005	GWN-05A
S3-035G	GWS-33A	T3-080	GWT-111A	V3-006	GWN-06A
S3-039	GWS-20A	T3-082S	GWT-85A	V3-007	GWN-53A
T3-001	GWT-70A	T3-083	GWT-87A	V3-008	GWN-12AF

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PARAUT	GMB	PARAUT	GMB	QHL	GMB
V3-009	GWN-06A	V3-135	GWN-70A	QCP1007	GWP-04A
V3-010	GWN-10A	V3-136	GWN-77A	QCP1008	GWP-05A
V3-014	GWN-05A	V3-137	GWN-76A	QCP1013	GWT-10A
V3-015	GWN-19A	V3-138	GWN-67A	QCP1016	GWHO-03A
V3-016	GWN-31A	V5-023	GWN-16F	QCP1017	GWFI-03A
V3-017	GWN-20A	V5-026	GWN-16F	QCP1018	GWFI-07A
V3-018	GWN-28A	V5-031	(GWN-31F)	QCP125	GWMF-01A
V3-020	GWN-18A	V5-031	GWN-31F	QCP1294	GWVO-06A
V3-021	GWN-19A	V5-A01	GWN-16F	QCP1294	GWVW-06A
V3-022	GWN-35A	V5-A01	GWN-33F	QCP1350	GWDW-13A
V3-023	GWN-24A	V5-A03	GWN-16F	QCP1350	GWO-13A
V3-024	GWN-29A	V5-A04	(GWN-33F)	QCP1376	GWD-17A
V3-025	GWN-26A	V5-A04Z	GWN-16F	QCP1395	GWM-23A
V3-027	GWN-45A	V5-A05	GWN-33F	QCP1397	GWT-47A
V3-029	GWN-63A			QCP1401	GWMZ-25A
V3-030	GWN-37A			QCP1416	GWHO-30A
V3-031	GWN-59A			QCP1481	GWHO-26A
V3-032	GWN-41A			QCP1504	GWSU-13A
V3-033	GWN-36A			QCP1531	GWN-46AF
V3-035	GWN-32A			QCP1535	GWN-57A
V3-036	GWN-10A			QCP1549	GWVW-07A
V3-036	GWN-46AF			QCP1557	GWO-05AP
V3-038	GWN-55A			QCP1559	GWBM-03A
V3-040	GWN-32A			QCP1577	GWFI-08A
V3-041	GWN-39A			QCP1581	GWR-04A
V3-043	GWN-69A			QCP1582	GWR-05A
V3-055	GWN-43A			QCP173	GWFI-19A
V3-056	GWN-60A			QCP181	GWFI-02A
V3-061	GWN-47AF			QCP2022	GWVW-04A
V3-064	GWN-23AF			QCP2051	GWMZ-03A
V3-066	GWN-38A			QCP2064	GWO-05AP
V3-067	GWN-21A			QCP2067	GWP-02A
V3-074	GWN-40A			QCP2085	GWFI-17A
V3-075	GWN-72A			QCP2087	GWFI-47A
V3-077	GWN-56A			QCP2092	GWBL-07A
V3-078	GWN-57A			QCP2101	GWFI-14A
V3-083	GWN-30A			QCP2127	GWHO-10A
V3-089	GWN-65AF			QCP2135	GWT-30A
V3-090	GWN-68A			QCP2135	GWT-30A
V3-094	GWN-42A			QCP2139	GWT-38A
V3-095	GWN-48A			QCP2140	GWMZ-10A
V3-097	GWN-54A			QCP2147	GWBM-06A
V3-097S	GWIS-41A			QCP2154	GWBM-04A
V3-097S	GWN-54A			QCP216	GWBL-03A
V3-098	GWMZ-46A			QCP2172	GWT-31A
V3-098	GWN-52A			QCP2172	GWT-31A
V3-099	GWN-26A			QCP2182	GWBL-17A
V3-102	GWN-38A			QCP2188	GWBF-06A
V3-103	GWN-49A			QCP2189	GWG-11A
V3-111S	GWN-44A			QCP2189	GWDW-11A
V3-112	GWN-79A			QCP2194	GWO-09A
V3-116	GWN-51A			QCP2300	GWO-14AP
V3-118	GWN-78A			QCP2301	GWBL-14A
V3-119	GWN-64A			QCP2302	GWR-11A
V3-123	GWN-75A			QCP2304	GWFI-40A
V3-124	GWN-51A			QCP2307	GWHO-11A
V3-127	GWN-74A			QCP2312	GWHO-07A
V3-129	GWN-61A			QCP2318	GWT-52A
V3-130	GWN-05A			QCP2328	GWN-24A
V3-130	GWN-49A			QCP2329	GWN-20A
V3-132	GWN-73A			QCP2344	GWP-06A
V3-135	GWN-32A			QCP2345	GWP-07A

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QHL	GMB	QHL	GMB	QHL	GMB
QCP2358	GWBM-02A	QCP2663	GWSA-03A	QCP2978	GWT-77A
QCP2370	GWFI-12A	QCP2671	GWBM-10A	QCP2979	GWT-42A
QCP2376	GWBE-03A	QCP2689	GWO-15A	QCP2980	GWT-54A
QCP2405	GWN-31A	QCP2702	GWT-58A	QCP2980	GWT-54A
QCP2410	GWHO-22A	QCP2704	GWM-39A	QCP2981	GWT-61A
QCP2413	GWK-19A	QCP2705	GWHO-22A	QCP2989	GWBE-06A
QCP2413	GWMZ-56A	QCP2705	GWHO-37A	QCP2990	GWF-90A
QCP2420	GWVO-05A	QCP2735	GWBM-09A	QCP2991	GWS-11A
QCP2425	GWM-19A	QCP2740	GWHO-24A	QCP2992	GWHY-108A
QCP2425	GWM-46A	QCP2743	GWBL-18A	QCP2992	GWM-01A
QCP2426	GWM-23A	QCP2800	GWDW-12A	QCP3000BH	GWFI-15A
QCP2429	GWN-19A	QCP2800	GWO-12A	QCP3022	GWO-06A
QCP2433	GWHY-17A	QCP2808	GWD-28A	QCP3023	GWO-05AP
QCP2433	GWM-17A	QCP2809	GWD-29A	QCP3024	GWBM-03A
QCP2433	GWM-77A	QCP2809	GWT-29A	QCP3034	GWSU-14A
QCP2438	GWT-23A	QCP2810/2969	GWD-46A	QCP3035	GWSU-11A
QCP2438	GWT-41A	QCP2815	GWK-71A	QCP3036	GWBE-03A
QCP2447	GWBL-15A	QCP2815	GWMZ-35A	QCP3036	GWS-16A
QCP2453	GWVW-07A	QCP2830	GWM-33A	QCP3037	GWS-15A
QCP2467	GWHO-04A	QCP2831	GWN-28A	QCP3041	GWT-107A
QCP2470	GWR-06A	QCP2832	GWN-11A	QCP3041	GWT-111A
QCP2471	GWO-05AP	QCP2834	GWN-23AF	QCP3042	GWT-82A
QCP2472	GWSA-02A	QCP2835	GWN-06A	QCP3046	GWT-115A
QCP2473	GWHO-13AP	QCP2838	GWN-37A	QCP3046	GWT-79A
QCP2476	GWHO-15AP	QCP2847	GWSU-19RK	QCP3055	GWT-67A
QCP2477	GWBM-06A	QCP2851	GWT-45A	QCP3058	GWO-17A
QCP2478	GWBM-05A	QCP2853	GWT-108A	QCP3059/3628	GWO-18A
QCP2478	GWBM-06A	QCP2854	GWT-59A	QCP3067	GWBM-11A
QCP2495	GWF-49A	QCP2857	GWT-60A	QCP3072	GWIS-25A
QCP2508	GWM-13A	QCP2859	GWT-71A	QCP3073	GWIS-31A
QCP2508	GWM-37A	QCP2860	GWN-63A	QCP3084	GWO-16A
QCP2509	GWM-12A	QCP2861	GWN-55A	QCP3093	GWVW-21A
QCP2512	GWDW-10A	QCP2871	GWIS-20A	QCP3097	GWN-44A
QCP2512	GWG-61A	QCP2872	GWM-24A	QCP3098	GWD-32A
QCP2512	GWO-10A	QCP2877	GWN-10A	QCP3099	GWN-43A
QCP2513	GWDW-46A	QCP2881	GWN-48A	QCP3100	GWF-109A
QCP2513	GWG-46A	QCP2882	GWN-42A	QCP3129	GWT-81A
QCP2517	GWO-11A	QCP2884	GWP-12A	QCP3132	GWT-73A
QCP2525	GWF-18A	QCP2891	GWP-13A	QCP3157	GWVW-12A
QCP2526	GWF-03A	QCP2897	GWT-113A	QCP3157	GWVW-20A
QCP2527	GWF-65A	QCP2898	GWMZ-51A	QCP3165	GWP-11A
QCP2532	GWMZ-30A	QCP2906	GWN-72A	QCP3169	GWMZ-50A
QCP2550	GWK-31A	QCP2908	GWM-27A	QCP3171	GWSU-18A
QCP2550	GWMZ-31A	QCP2912	GWM-69A	QCP3175	GWHO-28A
QCP2565	GWF-87A	QCP2914	GWN-41A	QCP3177	GWN-52A
QCP2588	GWS-11A	QCP2915	GWN-65AF	QCP3178	GWN-79A
QCP2590	GWMZ-29A	QCP2918	GWN-68A	QCP3180	GWSU-12A
QCP2593	GWHO-18A	QCP2924	GWHY-08A	QCP3182	GWM-47A
QCP2594	GWT-43A	QCP2924	GWM-53A	QCP3189	GWT-91A
QCP2595	GWT-62A	QCP2928	GWVO-04A	QCP3190	GWM-48A
QCP2596	GWT-63A	QCP2943	GWN-39A	QCP3192	GWD-35A
QCP2597	GWT-68A	QCP2944	GWP-10A	QCP3227	GWR-14A
QCP2598	GWT-50A	QCP2946	GWT-78A	QCP3230	GWHO-33A
QCP2612	GWN-35A	QCP2947	GWHO-23A	QCP3231	GWHO-39A
QCP2613	GWT-57A	QCP2947	GWHO-24A	QCP3234	GWHO-32A
QCP2634	GWHO-25A	QCP2949	GWMZ-32A	QCP3235	GWHO-46A
QCP2638	GWN-29A	QCP2950	GWS-12A	QCP3238	GWN-40A
QCP2639	GWMZ-21A	QCP2950	GWS-30A	QCP3243	GWF-89A
QCP2646	GWBM-08A	QCP2960	GWSU-03A	QCP3244	GWT-117A
QCP2652	GWF-88A	QCP2974	GWN-53A	QCP3244	GWT-117AH
QCP2654	GWF-86A	QCP2975	GWN-47AF	QCP3244	GWT-93A
QCP2661	GWR-12A	QCP2976	GWN-26A	QCP3245	GWMZ-42A

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QHL	GMB	QHL	GMB	QHL	GMB
QCP3250	GWM-56A	QCP3429	GWT-83A	QCP3595	GWHO-47A
QCP3253	GWN-45A	QCP3429BH	GWT-83AH	QCP3598	GWMZ-75A
QCP3257	GWHO-34A	QCP3430	GWT-102A	QCP3599	GWHO-51A
QCP3260	GWMZ-41A	QCP3431	GWT-101A	QCP3600	GWHO-54A
QCP3262	GWT-86A	QCP3431	GWT-135A	QCP3615	GWM-81A
QCP3262	GWT-86AH	QCP3437	GWT-100A	QCP3616	GWM-78A
QCP3263	GWT-94A	QCP3437	GWT-136A	QCP3620	GWVW-19A
QCP3271	GWT-65A	QCP3438	GWMZ-69A	QCP3626	GWFI-119A
QCP3272	GWM-52A	QCP3442	GWVW-18A	QCP3637	GWMZ-57A
QCP3275	GWD-36A	QCP3443	GWHY-11A	QCP3639	GWHY-42A
QCP3276	GWHO-56A	QCP3444	GWK-22A	QCP3640	GWHY-44A
QCP3277	GWMZ-39A	QCP3446	GWMZ-74A	QCP3640	GWHY-44AH
QCP3278	GWMZ-43A	QCP3447	GWM-57A	QCP3643	GWIS-46A
QCP3279	GWMZ-55A	QCP3448	GWS-23A	QCP3644	GWM-82A
QCP3280	GWM-55A	QCP3452	GWT-133A	QCP3645	GWM-85A
QCP3281	GWM-50A	QCP3452	GWT-98A	QCP3647	GWMZ-70A
QCP3282	GWN-51A	QCP3453	GWT-131A	QCP3648	GWVO-07A
QCP3285	GWS-20A	QCP3453	GWT-96A	QCP3653	GWR-15A
QCP3286	GWT-122A	QCP3454	GWDW-90A	QCP3653	GWR-16A
QCP3296	GWM-58A	QCP3454	GWG-90A	QCP3654	GWHO-59A
QCP3303	GWS-36A	QCP3461	GWHO-40A	QCP3664	GWG-93A
QCP3304	GWVW-13A	QCP3462	GWT-103A	QCP3667	GWT-142A
QCP3333	GWD-34A	QCP3463	GWMZ-48A	QCP3668	GWT-141A
QCP3336	GWHY-35A	QCP3466	GWM-83A	QCP3672	GWN-84A
QCP3338	GWM-74A	QCP3468	GWIS-32A	QCP3681	GWG-94A
QCP3341	GWN-54A	QCP3471	GWMZ-38A	QCP3693	GWT-151A
QCP3342	GWN-60A	QCP3472	GWM-54A	QCP3704	GWS-45A
QCP3344	GWN-75A	QCP3474	GWHY-43A	QCP3709	GWBL-01A
QCP3345	GWDW-92A	QCP3474	GWHY-43A	QCP3709P	GWBL-01A
QCP3345	GWG-92A	QCP3483	GWO-19A	QCP3710	GWBL-11A
QCP3346	GWDW-87A	QCP3485	GWK-15A	QCP3731	GWCR-41A
QCP3346	GWG-87A	QCP3486	GWDW-91A	QCP3738	GWHY-22A
QCP3346	GWG-88A	QCP3486	GWG-91A	QCP3757	GWT-149A
QCP3348	GWN-62A	QCP3487	GWM-61A	QCP3772	GWM-93AM
QCP3350	GWS-19A	QCP3488	GWHY-23A	QCP3781	GWHY-110A
QCP3353	GWT-84A	QCP3500	GWM-70A	QCP4453	GWVW-11A
QCP3355	GWT-99A	QCP3502	GWK-21A	QCP4453BH	GWVW-07AH
QCP3356	GWT-116A	QCP3527	GWT-119A	QCP4453BH	GWVW-11AH
QCP3356	GWT-116AH	QCP3528	GWHO-57A	QCP539	GWR-02A
QCP3356BH	GWT-150A	QCP3529	GWHO-48A	QCP541	GWO-02A
QCP3359	GWT-92A	QCP3531	GWHO-52A	QCP550	GWFI-08A
QCP3360	GWDW-38A	QCP3535	GWM-67A	QCP555	GWO-01A
QCP3361	GWHY-19A	QCP3538	GWM-80A	QCP560	GWBE-01A
QCP3362	GWHY-107A	QCP3539	GWMZ-58A	QCP561	GWBM-07A
QCP3365	GWVW-14A	QCP3540	GWG-103A	QCP564	GWFI-29A
QCP3368	GWCR-30A	QCP3545	GWS-31A	QCP567	GWP-01A
QCP3370	GWFI-13A	QCP3546	GWT-138A	QCP570	GWCR-01A
QCP3370	GWFI-14A	QCP3549	GWFI-107A	QCP571	GWFI-04A
QCP3381	GWBE-05A	QCP3549	GWFI-107AH	QCP577	GWG-08A
QCP3386	GWHD-10A	QCP3555	GWN-76A	QCP577A	GWG-01A
QCP3400	GWM-45A	QCP3557	GWHY-20A	QCP577B	GWG-09A
QCP3401	GWM-44A	QCP3558	GWN-73A	QCP577C	GWG-10A
QCP3412	GWD-27A	QCP3574	GWT-123A	QCP578	GWCR-02A
QCP3413	GWT-85A	QCP3575	GWS-34A	QCP579	GWHO-29A
QCP3415	GWT-87A	QCP3577	GWT-124A	QCP580	GWFI-11A
QCP3416	GWT-120AH	QCP3580	GWHO-50A	QCP587	GWHD-02A
QCP3416	GWT-95A	QCP3581	GWM-79A	QCP726	GWHD-03A
QCP3420	GWT-90A	QCP3583	GWT-140A	QCP730	GWFI-01A
QCP3420	GWT-97A	QCP3586	GWD-50AH	QCP732	GWT-06A
QCP3425	GWM-59A	QCP3586	GWT-134AH	QCP735	GWCR-17A
QCP3426	GWM-60A	QCP3587	GWM-65A	QCP746	GWFI-03A
QCP3428	GWT-120A	QCP3588	GWHY-21A	QCP752	GWN-03A

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QHL	GMB	SIL	GMB	SIL	GMB
QCP754	GWN-05A	PA1000	GWT-64A	PA1146	GWMZ-55A
QCP757	GWT-02A	PA1002A	GWVW-19A	PA1147	GWT-87A
QCP759	GWT-04A	PA1005	GWD-26A	PA1148	GWN-63A
QCP759	GWT-44A	PA1007	GWD-33A	PA115	GWR-02A
QCP760	GWBM-05A	PA1008	GWHO-33A	PA1150	GWSU-15A
QCP766	GWFI-01A	PA1010	GWHO-18A	PA1152	GWT-91A
QCP769	GWR-01A	PA1010	GWHO-43A	PA1154	GWMZ-22A
QCP769	GWVO-02A	PA1011	GWHO-32A	PA1155	GWN-65AF
QCP786	GWBF-01A	PA1013	GWHO-38A	PA1160	GWT-100A
QCP788	GWN-02A	PA1013	GWIS-34A	PA1161	GWT-101A
QCP797	GWT-03A	PA1014	GWM-14A	PA1161	GWT-135A
QCP800	GWFI-05A	PA1016	GWM-13A	PA1162	GWT-102A
QCP802	GWCR-03A	PA1016	GWM-37A	PA1165	GWT-106A
QCP803/808	GWHD-04/05A	PA1017	GWM-46A	PA1166	GWN-66A
QCP804	GWFI-07A	PA1019	GWMZ-18A	PA1167	GWN-55A
QCP805	GWFI-06A	PA102	GWO-01A	PA1169	GWN-69A
QCP809	GWFI-11A	PA1021	GWN-18A	PA1170	GWN-70A
QCP814	GWBF-02A	PA1022	GWN-40A	PA1171	GWMZ-52A
QCP815	GWHD-06A	PA1026	GWSU-05A	PA1172	GWM-63A
QCP904	GWMZ-02A	PA1027	GWT-27AF	PA1173	GWM-64A
QCP908	GWVW-08A	PA1027	GWT-27AFH	PA1174	GWM-65A
QCP932	GWFI-08AH	PA103	GWO-02A	PA1175	GWD-37A
QCP935	GWBF-03A	PA1030	GWT-50A	PA1176	GWD-38A
QCP952	GWVW-09A	PA1031	GWT-52A	PA1177	GWD-39A
QCP952BH	GWVW-09AH	PA1032	GWT-62A	PA1178	GWHO-41A
QCP954	GWBF-05A	PA1033	GWT-71A	PA1179	GWHO-42A
QCP957	GWR-03A	PA1034	GWT-82A	PA118	GWVO-01A
QCP958	GWP-08AP	PA1035	GWT-85A	PA1181	GWS-21A
QCP959	GWT-05A	PA1036	GWT-86A	PA1182	GWS-22A
QCP965	GWFI-09A	PA1036	GWT-86AH	PA1183	GWSU-17A
QCP969	GWVO-03A	PA1044	GWN-01A	PA1184	GWSU-18A
QCP970	GWO-08AP	PA1045	GWMZ-07A	PA1186	GWIS-42A
QCP972	GWFI-06A	PA1045	GWMZ-08A	PA1188	GWK-15A
QCP974	GWBL-05A	PA1059	GWHY-19A	PA1189	GWK-17A
QCP976	GWVO-01A	PA1061	GWN-10A	PA1190	GWK-18A
QCP980	GWFI-25A	PA107	GWFI-02A	PA1191	GWK-19A
QCP983	GWBL-10A	PA1073	GWDW-38A	PA1192	GWM-55A
QCP985	GWFI-10A	PA1073	GWS-13A	PA1193	GWM-57A
QCP990	GWBM-01A	PA1073	GWS-19A	PA1195	GWM-59A
QCP991	GWFI-05A	PA1074	GWHO-54A	PA1196	GWM-60A
QCP993	GWFI-02A	PA1075	GWHO-39A	PA1197	GWM-61A
QCP995	GWBE-02A	PA1076	GWHO-40A	PA1198	GWMZ-48A
QCP997	GWP-05A	PA1078	GWHY-35A	PA1199	GWMZ-49A
QCP997A	GWP-06A	PA1081	GWIS-20A	PA120	GWP-01A
QCP998	GWCR-18A	PA1089	GWM-69A	PA1200	GWMZ-50A
		PA1091	GWM-56A	PA1201	GWMZ-51A
		PA1094	GWN-51A	PA1202	GWN-59A
		PA1095	GWN-62A	PA1203	GWN-60A
		PA1096	GWN-67A	PA1204	GWN-61A
		PA1097	GWN-21A	PA1205	GWN-64A
		PA1112	GWT-117AH	PA1206	GWS-20A
		PA1112	GWT-93A	PA1207	GWSU-16A
		PA1122	GWM-16A	PA121	GWBL-01A
		PA1124	GWM-02A	PA1210	GWT-96A
		PA1125	GWT-47A	PA1211	GWT-97A
		PA1138	GWMZ-58A	PA1212	GWT-133A
		PA1141	GWMZ-38A	PA1212	GWT-98A
		PA1142	GWMZ-43A	PA1213	GWT-99A
		PA1143	GWMZ-42A	PA1214	GWT-27A
		PA1144	GWMZ-40A	PA1215	GWMZ-41A
		PA1145	GWM-53A	PA122	GWBM-07A
		PA1146	GWMZ-39A	PA1223	GWAM-09A

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SIL	GMB	SIL	GMB	SIL	GMB
PA1239	GWD-28A	PA1409	GWHO-56A	PA274	GWMZ-02A
PA1240	GWHO-35A	PA141	GWFI-04A	PA275	GWF-10A
PA1241	GWM-51A	PA1422	GWF-119A	PA275E	GWF-10A
PA1242	GWT-92A	PA1427	GWS-30A	PA275S	GWF-10A
PA1243	GWT-84A	PA1428	GWHY-44A	PA279S	GWF-24A
PA1251	GWG-103A	PA1428	GWHY-44AH	PA280	GWR-03A
PA1254	GWF-107A	PA1429	GWHY-42A	PA281	GWMZ-03A
PA1254	GWF-107AH	PA1431	GWM-83A	PA287	GWF-09A
PA1300	GWD-45A	PA1432	GWHY-08A	PA288S	GWFI-07A
PA1302	GWHO-46A	PA1433	GWMZ-56A	PA291	GWHO-04A
PA1303	GWHO-48A	PA1439	GWT-124A	PA291	GWHO-05A
PA1304	GWHO-47A	PA1441	GWT-141A	PA291P	GWHO-12AP
PA1307	GWHY-20A	PA1451	GWT-131A	PA292P	GWHO-01AP
PA1308	GWHY-11A	PA1451	GWT-138A	PA293	GWR-01A
PA1310	GWHY-43A	PA1457	GWT-116A	PA301	GWHO-03A
PA1310	GWHY-43A	PA1457	GWT-116AH	PA303P	GWHO-13AP
PA1313	GWM-54A	PA1457	GWT-150A	PA307	GWP-05A
PA1316	GWM-70A	PA1470	GWMZ-36A	PA308	GWT-31A
PA1317	GWM-50A	PA1471	GWM-82A	PA308	GWT-31AF
PA1318	GWS-23A	PA1475	GWS-45A	PA312	GWT-23A
PA1320	GWS-36A	PA1483	GWAM-08A	PA312	GWT-41A
PA1321	GWT-119A	PA1484	GWCR-36A	PA320	GWT-30A
PA1322	GWT-117A	PA1485	GWCR-39A	PA321	GWVW-04A
PA1325	GWT-42A	PA1486	GWCR-27A	PA347P	GWO-08AP
PA1326	GWT-122A	PA1506	GWD-57A	PA350	GWT-09A
PA1327	GWT-55A	PA1506	GWT-146A	PA351	GWP-04A
PA1328	GWMZ-70A	PA1555	GWM-93AM	PA358P	GWO-05AP
PA1330	GWN-76A	PA1557	GWIS-01A	PA361	GWP-06A
PA1331	GWN-73A	PA176	GWBF-01A	PA363	GWN-05A
PA1332	GWD-50AH	PA193	GWP-02A	PA372	GWF-17A
PA1332	GWT-134AH	PA198P	GWFI-01A	PA373	GWF-18A
PA1333	GWHO-50A	PA201	GWBL-01A	PA374	GWVW-07A
PA1335	GWK-21A	PA201AC	GWBL-11A	PA379S	GWF-47A
PA1341	GWM-80A	PA207	GWBE-01A	PA380P	GWVW-06A
PA1342	GWM-79A	PA208	GWR-01A	PA382	GWBM-04A
PA1344	GWM-81A	PA208	GWVO-02A	PA383	GWBM-03A
PA1345	GWM-78A	PA213	GWVW-08A	PA384	GWFI-12A
PA1347	GWS-34A	PA215	GWF-03A	PA386	GWBM-06A
PA1348	GWT-123A	PA218	GWF-01A	PA387	GWBM-05A
PA1351	GWK-22A	PA228	GWFI-09A	PA389	GWP-07A
PA1353	GWS-28A	PA229P	GWP-08AP	PA390	GWN-11A
PA1356	GWHY-21A	PA231	GWFI-06A	PA391P	GWSU-04A
PA1358	GWN-45A	PA234P	GWFI-01A	PA392P	GWSU-03A
PA1359	GWN-43A	PA235S	GWF-25A	PA398P	GWF-40A
PA1360	GWCR-30A	PA236	GWVW-09A	PA399	GWHO-11A
PA1362	GWHO-49A	PA238	GWBE-02A	PA401	GWHO-08A
PA1363	GWSU-21A	PA238E	GWBE-02A	PA403	GWHO-06A
PA1364	GWT-120A	PA238S	GWBE-02A	PA403P	GWHO-16AP
PA1365	GWT-121A	PA248S	GWF-14A	PA407PS	GWF-50A
PA1366	GWS-32A	PA249	GWBM-01A	PA407PS	GWF-86A
PA1366	GWS-32AH	PA251	GWFI-05A	PA409	GWBE-03A
PA1367	GWS-33A	PA252	GWFI-03A	PA411P	GWO-14AP
PA1368	GWHO-55A	PA257	GWVO-03A	PA421P	GWR-11A
PA1369	GWMZ-54A	PA260	GWT-10A	PA422P	GWR-10A
PA1369	GWMZ-75A	PA261	GWT-02A	PA426P	GWO-09A
PA1371	GWT-142A	PA262	GWT-03A	PA427P	GWG-11A
PA1375	GWIS-23A	PA263	GWT-01A	PA427P	GWDW-11A
PA1376	GWIS-45A	PA264	GWN-02A	PA428	GWD-15A
PA1377	GWIS-35A	PA264	GWN-13AF	PA430	GWR-06A
PA1381	GWHO-52A	PA270	GWBF-05A	PA431	GWBM-02A
PA1402	GWG-93A	PA273	GWN-03A	PA432	GWN-24A
PA1406	GWBL-19A	PA274	GWMZ-01A	PA432	GWN-49A

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SIL	GMB	SIL	GMB	SIL	GMB
PA435	GWN-20A	PA684	GWN-42A	PA812	GWN-41A
PA437P	GWDW-13A	PA685	GWN-48A	PA814	GWS-11A
PA437P	GWO-13A	PA707P	GWO-16A	PA818	GWT-63A
PA443	GWBL-14A	PA708A	GWO-18A	PA819	GWT-65A
PA456	GWMZ-21A	PA709P	GWO-17A	PA820	GWT-115A
PA460	GWVW-07A	PA712	GWF-90A	PA820	GWT-79A
PA460	GWVW-11A	PA717	GWN-44A	PA821	GWT-81A
PA467A	GWFI-13A	PA720P	GWP-11A	PA822	GWT-83A
PA467A	GWFI-14A	PA726	GWHO-23A	PA822	GWT-83AH
PA468	GWVW-09A	PA738P	GWHO-34A	PA830	GWR-14A
PA469	GWSA-02A	PA746	GWK-31A	PA846	GWVW-12A
PA471P	GWBL-17A	PA746	GWMZ-31A	PA846A	GWVW-20A
PA473	GWVO-04A	PA747	GWMZ-35A	PA849	GWBL-07A
PA488E	GWF-65A	PA749	GWN-39A	PA850	GWBL-15A
PA495	GWF-87A	PA750	GWN-68A	PA851	GWBL-16A
PA498	GWF-18A	PA767	GWD-27A	PA871	GWDW-87A
PA498E	GWF-18A	PA768	GWD-29A	PA871	GWG-87A
PA500	GWD-17A	PA770	GWHO-24A	PA871	GWG-88A
PA512P	GWDW-10A	PA771	GWHO-29A	PA890	GWO-19A
PA512P	GWG-61A	PA773	GWMZ-30A	PA892	GWM-48A
PA512P	GWO-10A	PA773	GWS-31A	PA896	GWS-08A
PA513P	GWP-12A	PA774	GWMZ-32A	PA899	GWM-45A
PA514	GWVO-05A	PA775	GWHY-17A	PA902	GWN-46AF
PA515P	GWHO-22A	PA775	GWM-17A	PA904	GWSU-11A
PA515P	GWHO-37A	PA775	GWM-77A	PA906	GWT-66A
PA516P	GWN-29A	PA776	GWHY-107A	PA907	GWHO-25A
PA517	GWHO-21A	PA776	GWM-32A	PA908	GWHO-28A
PA519	GWVW-09AH	PA776	GWM-39A	PA909	GWN-36A
PA521	GWVW-07AH	PA777	GWM-19A	PA910	GWT-60A
PA521	GWVW-11AH	PA778	GWM-23A	PA912	GWHY-108A
PA523P	GWF-08A	PA779	GWHY-109A	PA912	GWM-01A
PA523P	GWF-08AH	PA779	GWM-27A	PA921	GWN-72A
PA524P	GWO-11A	PA780	GWM-24A	PA928	GWDW-92A
PA526	GWF-49A	PA781	GWM-12A	PA928	GWG-92A
PA527P	GWDW-46A	PA782	GWM-44A	PA929	GWD-36A
PA527P	GWG-46A	PA783	GWN-26A	PA934A	GWBE-05A
PA534P	GWFI-15A	PA784	GWN-23AF	PA936	GWHD-10A
PA557A	GWR-12A	PA785	GWSU-13A	PA941	GWVW-14A
PA561	GWBE-06A	PA786	GWSU-12A	PA944	GWVW-18A
PA562	GWBM-08A	PA787	GWSU-14A	PA945	GWVW-13A
PA575P	GWO-15A	PA788	GWS-03A	PA948	GWN-52A
PA590P	GWF-89A	PA789	GWS-12A	PA957	GWDW-90A
PA599	GWF-88A	PA790	GWT-68A	PA957	GWG-90A
PA600P	GWMZ-25A	PA792	GWT-57A	PA958	GWD-35A
PA603	GWMZ-10A	PA792	GWT-94A	PA959	GWD-46A
PA604	GWN-35A	PA793	GWT-12A	PA968	GWM-58A
PA609	GWN-28A	PA793	GWT-12AG	PA970S	GWR-15A
PA609	GWN-31A	PA794	GWT-114A	PA970S	GWR-16A
PA613P	GWMZ-29A	PA794	GWT-54A	PA977	GWT-107A
PA615	GWSA-03A	PA795	GWT-53A	PA984	GWN-57A
PA624P	GWDW-12A	PA796	GWT-58A	PA985	GWBL-12A
PA627P	GWO-12A	PA797	GWT-77A	PA986	GWBL-13A
PA646	GWBM-10A	PA799	GWT-78A	PA987	GWIS-28A
PA648P	GWP-13A	PA800	GWT-61A	PA993	GWM-47A
PA649P	GWP-10A	PA801	GWS-15A	PA994	GWM-52A
PA658	GWBM-11A	PA802	GWS-16A	PA995	GWN-47AF
PA659	GWBM-09A	PA803	GWD-32A	PA996	GWN-53A
PA664P	GWVW-21A	PA805	GWHO-30A	PA997	GWBL-03A
PA674P	GWVO-07A	PA806	GWIS-25A	PA998	GWBL-05A
PA680	GWBF-06A	PA807	GWM-74A	PA999	GWT-59A
PA681P	GWHO-26A	PA807	GWHY-130A		
PA683P	GWBL-18A	PA811	GWN-37A		

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AISIN	GMB	AISIN	GMB	AISIN	GMB
FCT-002	GWT-153F	WPD-009	GWD-17A	WPH-011	GWHO-39A
FDO-001	GWG-94A	WPD-010	GWD-25A	WPH-011	GWIS-38A
VT-904	GWT-152F	WPD-011	GWD-33A	WPH-012	GWHO-21A
WE-C101	GWP-11A	WPD-012	GWD-46A	WPH-013	GWHO-24A
WE-F001	GWFI-10A	WPD-013	GWD-34A	WPH-014	GWHO-22A
WE-F002	GWFI-40A	WPD-014	GWD-26A	WPH-015	GWHO-46A
WE-F003	GWFI-65A	WPD-015	GWD-15A	WPH-016	GWHO-29A
WE-F101	GWFI-03A	WPD-021	GWD-35A	WPH-017	GWHO-08A
WE-F102	GWFI-07A	WPD-022	GWD-44A	WPH-018	GWHO-34A
WF-012	GWSU-01A	WPD-023	GWD-40A	WPH-020	GWHO-33A
WH-008	GWHO-01AP	WPD-023	GWD-42A	WPH-021	GWHO-07A
WH-008	GWHO-03A	WPD-023	GWD-49AH	WPH-022	GWHO-06A
WH-008	GWHO-13AP	WPD-023	GWD-54A	WPH-022	GWHO-10A
WH-009	GWHO-04A	WPD-024	GWD-48A	WPH-023	GWHO-30A
WK-002	GWK-15A	WPD-025	GWD-47A	WPH-024	GWHO-11A
WM-901	GWM-58A	WPD-026	GWD-45A	WPH-025	GWHO-16AP
WN-043	GWN-19A	WPD-030	GWD-43A	WPH-026	GWHO-02A
WN-076	GWN-62A	WPD-030*	GWD-43AH	WPH-026	GWHO-18A
WO-001	GWDW-90A	WPD-034	GWD-32A	WPH-026	GWHO-43A
WO-001	GWG-90A	WPD-037	GWD-41A	WPH-027	GWHO-14AP
WO-002	GWDW-46A	WPD-903	GWD-28A	WPH-028	GWHO-12AP
WO-002	GWDW-87A	WPD-907	GWD-57A	WPH-029	GWHO-15AP
WO-002	GWDW-88A	WPD-907	GWT-146A	WPH-032	GWHO-42A
WO-002	GWG-46A	WPF-001	GWSU-17A	WPH-033	GWHO-41A
WO-002	GWG-87A	WPF-002	GWSU-12A	WPH-034	GWHO-56A
WO-002	GWG-88A	WPF-003	GWSU-13A	WPH-036	GWHO-36A
WO-003	GWDW-10A	WPF-004	GWSU-18A	WPH-037	GWHO-31A
WO-003	GWG-61A	WPF-005	GWSU-03A	WPH-041	GWHO-45A
WO-003	GWO-10A	WPF-006	GWSU-15A	WPH-043	GWHO-47A
WO-004	GWDW-13A	WPF-007	GWSU-14A	WPH-044	GWHO-48A
WO-004	GWO-13A	WPF-008	GWSU-16A	WPH-045	GWHO-53A
WO-005	GWDW-11A	WPF-011	GWSU-11A	WPH-046	GWHO-49A
WO-006	GWDW-92A	WPF-012	GWSU-04A	WPH-047	GWHO-40A
WO-006	GWG-92A	WPF-013	GWSU-06A	WPH-048	GWHO-57A
WO-007	GWDW-91A	WPF-016	GWSU-08RK	WPH-049	GWHO-54A
WO-007	GWG-91A	WPF-021	GWSU-20A	WPH-055	GWHO-55A
WO-009	GWBE-06A	WPG-001	GWIS-31A	WPH-058	GWHO-50A
WO-011	GWO-18A	WPG-002	GWIS-35A	WPH-060	GWHO-52A
WO-013	GWG-93A	WPG-003	GWIS-36A	WPH-909	GWHO-51A
WP-3711A	GWHY-08A	WPG-004	GWIS-20A	WPH-911	GWHO-05A
WP-3711A	GWM-53A	WPG-005	GWIS-37A	WPK-002	GWK-21A
WP-3780	GWM-15A	WPG-006	GWIS-16A	WPK-005	GWK-22A
WP-3790A	GWM-16A	WPG-014	GWG-53A	WPM-001	GWHY-17A
WP-4752A	GWM-13A	WPG-014	GWIS-28A	WPM-001	GWM-17A
WP-4772A	GWM-24A	WPG-015	GWIS-42A	WPM-002	GWHY-107A
WP-4780	GWM-22A	WPG-015	GWN-66A	WPM-002	GWM-32A
WP-8730	GWM-02A	WPG-016	GWIS-10A	WPM-002	GWM-39A
WP-8790	GWM-01A	WPG-017	GWIS-43A	WPM-005	GWM-64A
WPA-003	GWAM-05A	WPG-021	GWIS-25A	WPM-006	GWM-12A
WPA-004	GWAM-06A	WPG-021	GWIS-45A	WPM-007	GWM-63A
WPA-005	GWAM-07A	WPG-025V	GWIS-50A	WPM-008	GWM-33A
WPA-006	GWAM-08A	WPH-001	GWHO-28A	WPM-009	GWM-19A
WPA-007	GWAM-09A	WPH-002	GWHO-26A	WPM-009	GWM-46A
WPD-001	GWD-36A	WPH-002	GWIS-39A	WPM-010	GWHY-105A
WPD-002	GWD-29A	WPH-003	GWHO-23A	WPM-010	GWHY-109A
WPD-003	GWD-37A	WPH-004	GWHO-44A	WPM-010	GWM-27A
WPD-004	GWD-38A	WPH-005	GWHO-27A	WPM-012	GWM-44A
WPD-005	GWD-30A	WPH-006	GWHO-32A	WPM-013	GWM-40A
WPD-006	GWD-31A	WPH-006	GWIS-40A	WPM-014	GWM-74A
WPD-007	GWD-27A	WPH-007	GWHO-35A	WPM-014	GWHY-130A
WPD-008	GWD-34A	WPH-008	GWHO-25A	WPM-015	GWM-35A
WPD-008	GWD-39A	WPH-010	GWHO-37A		

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AISIN	GMB	AISIN	GMB	AISIN	GMB
WPM-017	GWM-69A	WPN-019	GWN-28A	WPS-004	GWS-08A
WPM-018	GWM-38A	WPN-020	GWN-35A	WPS-004	GWS-12A
WPM-020	GWM-20A	WPN-021	GWN-02A	WPS-004	GWS-30A
WPM-020	GWM-33A	WPN-021	GWN-13AF	WPS-005	GWS-14A
WPM-022	GWM-37A	WPN-022	GWN-06A	WPS-006	GWS-16A
WPM-028	GWM-72A	WPN-023	GWHD-08A	WPS-007	GWS-15A
WPM-029	GWM-52A	WPN-023	GWN-32A	WPS-008	GWS-02A
WPM-030	GWM-50A	WPN-024	GWN-31A	WPS-009	GWS-17A
WPM-031	GWM-60A	WPN-025	GWN-60A	WPS-016	GWS-24A
WPM-032	GWM-66A	WPN-026	GWN-53A	WPS-021	GWMZ-65A
WPM-033	GWM-59A	WPN-027	GWN-23AF	WPS-021	GWS-25A
WPM-035	GWM-51A	WPN-029	GWN-11A	WPS-022	GWMZ-66A
WPM-037	GWM-55A	WPN-030	GWN-56A	WPS-022	GWS-26A
WPM-038	GWM-61A	WPN-031	GWN-49A	WPS-028	GWMZ-59A
WPM-039	GWM-71A	WPN-032	GWN-03A	WPS-028	GWS-27A
WPM-040	GWM-65A	WPN-033	GWN-20A	WPS-031	GWS-22A
WPM-042	GWM-68A	WPN-034	GWN-38A	WPS-032	GWS-35A
WPM-044	GWM-44A	WPN-035	GWN-29A	WPS-032	GWS-35AH
WPM-044	GWM-67A	WPN-036	GWN-01A	WPS-033	GWS-23A
WPM-045	GWM-47A	WPN-037	GWN-26A	WPS-036	GWMZ-61A
WPM-046	GWM-56A	WPN-038	GWN-45A	WPS-036	GWS-32A
WPM-047	GWM-57A	WPN-039	GWN-37A	WPS-036	GWS-32AH
WPM-048	GWM-48A	WPN-041	GWN-21A	WPS-037V	GWS-34A
WPM-049	GWM-43A	WPN-042	GWN-12AF	WPS-901	GWS-20A
WPM-054	GWM-26A	WPN-043	GWN-10A	WPS-902	GWS-36A
WPM-055	GWM-54A	WPN-047	GWN-06A	WPS-904	GWS-28A
WPM-056	GWM-45A	WPN-049	GWN-12AF	WPT-001	GWT-115A
WPM-057	GWM-80A	WPN-052	GWN-59A	WPT-001	GWT-79A
WPM-057A	GWM-70A	WPN-054	GWN-65AF	WPT-002	GWT-71A
WPM-058	GWM-23A	WPN-055	GWN-78A	WPT-003	GWT-78A
WPM-060	GWM-73A	WPN-056	GWIS-41A	WPT-004	GWT-57A
WPM-061	GWM-75A	WPN-056	GWN-54A	WPT-004	GWT-94A
WPM-062	GWM-76A	WPN-057	GWN-69A	WPT-006	GWT-117A
WPM-063	GWM-90A	WPN-058	GWN-39A	WPT-007	GWT-64A
WPM-063V	GWM-42A	WPN-059	GWN-40A	WPT-008	GWT-58A
WPM-066	GWM-81A	WPN-060	GWN-50A	WPT-009	GWT-111A
WPM-067	GWM-82A	WPN-063	GWN-44A	WPT-010	GWT-77A
WPM-069	GWM-79A	WPN-067	GWN-43A	WPT-011	GWT-117AH
WPM-902	GWM-78A	WPN-068	GWN-79A	WPT-011	GWT-93A
WPM-904	GWR-06A	WPN-070	GWN-51A	WPT-012	GWT-85A
WPM-904	GWR-12A	WPN-071	GWN-67A	WPT-013	GWT-61A
WPM-906	GWHY-108A	WPN-076	GWN-38A	WPT-014	GWT-87A
WPM-908	GWM-83A	WPN-078	GWN-26A	WPT-015	GWT-91A
WPN-001	GWN-42A	WPN-079	GWN-05A	WPT-016	GWT-114A
WPN-002	GWN-46AF	WPN-081	GWN-51A	WPT-016	GWT-54A
WPN-003	GWN-24A	WPN-084	GWN-75A	WPT-017	GWT-23A
WPN-004	GWN-41A	WPN-085	GWN-61A	WPT-017	GWT-41A
WPN-005	GWHD-08A	WPN-087	GWN-64A	WPT-019	GWT-109A
WPN-005	GWN-32A	WPN-095	GWN-74A	WPT-020	GWT-22A
WPN-005	GWN-70A	WPN-097	GWN-77A	WPT-020	GWT-22AG
WPN-006	GWN-47AF	WPN-099	GWN-73A	WPT-021	GWT-50A
WPN-007	GWN-30A	WPN-7180	GWT-105A	WPT-022	GWT-58A
WPN-008	GWN-57A	WPN-902	GWN-18A	WPT-023	GWT-99A
WPN-009	GWMZ-46A	WPN-909	GWN-76A	WPT-024	GWT-60A
WPN-009	GWN-52A	WPO-001	GWDW-38A	WPT-025	GWT-82A
WPN-010	GWN-68A	WPPG-002V	GWP-13A	WPT-026	GWT-59A
WPN-011	GWN-36A	WPS-001	GWMZ-64A	WPT-027	GWT-84A
WPN-012	GWN-55A	WPS-001	GWS-13A	WPT-028	GWT-89A
WPN-013	GWN-05A	WPS-001	GWS-19A	WPT-029	GWT-73A
WPN-014	GWN-48A	WPS-002	GWS-03A	WPT-030	GWT-81A
WPN-015	GWN-72A	WPS-002	GWS-11A	WPT-031	GWT-30A
WPN-018	GWN-63A	WPS-003	GWS-21A	WPT-032	GWT-90A

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AISIN	GMB	AISIN	GMB	AISIN	GMB
WPT-033	GWT-86A	WPT-106	GWT-133A	WPZ-017	GWMZ-50A
WPT-033	GWT-86AH	WPT-106	GWT-98A	WPZ-018	GWMZ-40A
WPT-034	GWT-113A	WPT-107	GWT-68A	WPZ-02	GWM-86A
WPT-035	GWT-66A	WPT-107	GWT-93A	WPZ-022	GWMZ-74A
WPT-036	GWT-24A	WPT-108	GWT-83A	WPZ-023	GWMZ-36A
WPT-037	GWT-75A	WPT-108	GWT-83AH	WPZ-028	GWMZ-55A
WPT-038	GWT-120A	WPT-109	GWT-116AH	WPZ-029	GWMZ-49A
WPT-038	GWT-120AM	WPT-109	GWT-150A	WPZ-031	GWMZ-39A
WPT-042	GWT-138A	WPT-110	GWT-120AH	WPZ-032	GWMZ-41A
WPT-044	GWT-131A	WPT-110	GWT-95A	WPZ-033	GWMZ-69A
WPT-044	GWT-96A	WPT-111	GWT-101A	WPZ-033V	GWMZ-58A
WPT-045	GWT-70A	WPT-111	GWT-135A	WPZ-034	GWMZ-43A
WPT-046	GWT-78A	WPT-113	GWT-116A	WPZ-035	GWMZ-57A
WPT-047	GWT-110A	WPT-117	GWT-100A	WPZ-036	GWMZ-53A
WPT-048	GWT-103A	WPT-117	GWT-136A	WPZ-037	GWMZ-56A
WPT-049	GWT-31A	WPT-120	GWT-123A	WPZ-041	GWMZ-48A
WPT-049	GWT-31AF	WPT-121	GWT-118AH	WPZ-904	GWMZ-42A
WPT-049	GWT-35A	WPT-122	GWT-132A	WPZ-913	GWF-89A
WPT-049	GWT-35AF	WPT-124	GWT-118A	WPZ-915	GWMZ-44A
WPT-050	GWT-129A	WPT-129	GWT-119A	WPZ-917	GWMZ-70A
WPT-051	GWT-65A	WPT-136	GWT-151A	WPZ-927	GWF-85A
WPT-052	GWT-62A	WPT-155	GWT-140A	WPZ-927	GWMZ-45A
WPT-054	GWD-13A	WPT-175	GWT-139A	WPZ-928	GWK-18A
WPT-055	GWT-63A	WPT-181	GWT-149A	WPZ-928	GWMZ-13A
WPT-056	GWT-107A	WPT-501	GWT-104A	WPZ-929	GWF-102A
WPT-056*	GWT-67A	WPT-901	GWT-122A	WPZ-929	GWF-77A
WPT-057	GWT-92A	WPT-902	GWP-10A	WPZ-929	GWMZ-47A
WPT-058	GWT-48A	WPT-910A	GWT-102A	WPZ-932	GWMZ-54A
WPT-060	GWT-67A	WPT-912A	GWT-142A	WPZ-932	GWMZ-75A
WPT-061	GWT-74A	WPT-913	GWT-124A	WS-002	GWS-10A
WPT-063	GWT-88A	WPT-914	GWT-141A	WT-020	GWT-02A
WPT-064	GWT-27A	WPT-916	GWT-51A	WT-021	GWT-03A
WPT-064*	GWT-27AFH	WPU-002V	GWHY-22A	WT-022	GWT-09A
WPT-065	GWT-55A	WPY-003	GWHY-106A	WT-026	GWT-26AF
WPT-066	GWT-38A	WPY-005	GWHY-42A	WT-028	GWT-25A
WPT-066	GWT-43A	WPY-007	GWHY-20A	WT-029	GWT-05A
WPT-067	GWT-42A	WPY-008	GWHY-21A	WT-048	GWT-15A
WPT-068	GWT-82A	WPY-014	GWHY-11A	WT-050	GWT-14A
WPT-069	GWT-27AF	WPY-015	GWHY-44A	WT-090	GWT-08A
WPT-069	GWT-27AFH	WPY-015	GWHY-44AH	WT-092	GWT-19A
WPT-071	GWT-72A	WPY-016	GWHY-43A	WT-092	GWT-19AG
WPT-072	GWT-49A	WPY-016	GWHY-43A	WT-112	GWT-126A
WPT-073	GWT-47A	WPY-018	GWHY-08A	WT-125	GWT-36A
WPT-074	GWT-108A	WPZ-001	GWMZ-31A	WT-126	GWT-06A
WPT-075	GWT-52A	WPZ-002	GWF-64A	WT-510	GWT-34A
WPT-077	GWT-12A	WPZ-002	GWMZ-32A	WT-511	GWT-32A
WPT-077	GWT-12AG	WPZ-002	GWMZ-71A	WT-603	GWT-04A
WPT-078	GWT-86A	WPZ-003	GWK-71A	WT-615	GWT-21A
WPT-079	GWT-10A	WPZ-003	GWMZ-35A	WV-003B	GWVO-07A
WPT-080	GWT-112A	WPZ-004	GWMZ-40A	WV-006	GWVO-03A
WPT-082	GWT-121A	WPZ-005	GWMZ-22A	WV-007	GWVO-04A
WPT-084	GWT-44A	WPZ-006	GWMZ-21A	WY-003	GWHY-35A
WPT-084*	GWT-28A	WPZ-007	GWMZ-10A	WY-004	GWHY-19A
WPT-085	GWT-01A	WPZ-009	GWMZ-18A	WY-006	GWHY-12A
WPT-086	GWT-46A	WPZ-010	GWK-25A	WY-007	GWHY-23A
WPT-087	GWT-45A	WPZ-010	GWMZ-25A	WZ-004	GWMZ-03A
WPT-096	GWT-94A	WPZ-011	GWMZ-28A	WZ-005	GWMZ-01A
WPT-097	GWT-53A	WPZ-012	GWMZ-29A	WZ-005	GWMZ-02A
WPT-098	GWT-80A	WPZ-014	GWK-52A	WZ-014	GWMZ-38A
WPT-099	GWT-106A	WPZ-014	GWMZ-30A		
WPT-100	GWT-97A	WPZ-015	GWMZ-52A		
WPT-105	GWT-77A	WPZ-016	GWMZ-51A		

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ASAHI	GMB	ASAHI	GMB	ASAHI	GMB
A1739	GWD-13A	A1178	GWT-05A	A1757	GWT-89A
A0505	GWHO-01AP	A1179	GWT-03A	A1758	GWT-88A
A0505	GWHO-03A	A1181	GWT-14A	A1759	GWT-72A
A0505	GWHO-13AP	A1183	GWT-18A	A1761	GWT-110A
A0509	GWHO-07A	A1186	GWT-10A	A1764	GWT-91A
A0510	GWHO-08A	A1187	GWT-01A	A1767	GWT-57A
A0510	GWHO-10A	A1189	GWT-19A	A1767	GWT-94A
A0511	GWHO-05A	A1191	GWT-09A	A1771	GWT-93A
A0511	GWHO-12AP	A1192	GWT-19A	A1773	GWT-71A
A0512	GWHO-02A	A1194	GWT-22A	A1775	GWT-83A
A0512	GWHO-14AP	A1196	GWT-30A	A1775	GWT-83AH
A0513	GWHO-04A	A1197	GWT-04A	A1777	GWT-78A
A0513	GWHO-15AP	A1197	GWT-15A	A1778	GWT-132A
A0514	GWHO-06A	A1197	GWT-44A	A1779	GWT-120A
A0514	GWHO-16AP	A1197*	GWT-80A	A1780	GWT-86A
A0515	GWHO-18A	A1198	GWT-27A	A1781	GWT-87A
A0515	GWHO-43A	A1198	GWT-27AFH	A1782	GWT-92A
A0516	GWHO-22A	A1198*	GWT-27A	A1783	GWT-101A
A0517	GWHO-11A	A1198*	GWT-27AFH	A1784	GWT-82A
A0518	GWHO-21A	A1700	GWT-28A	A1785	GWT-111A
A0519	GWHO-37A	A1700	GWT-36A	A1786	GWT-129A
A0520	GWHO-23A	A1701	GWT-60A	A1787	GWT-93A
A0521	GWHO-26A	A1704	GWT-46A	A1788	GWT-120AH
A0521	GWIS-39A	A1705	GWT-45A	A1788	GWT-95A
A0522	GWHO-24A	A1705*	GWT-45A	A1790	GWT-116A
A0523	GWHO-30A	A1707	GWT-38A	A1790	GWT-116AH
A0524	GWHO-29A	A1707	GWT-43A	A1791	GWT-84A
A0525	GWHO-31A	A1707*	GWT-38A	A1792	GWT-107A
A0526	GWHO-42A	A1707*	GWT-43A	A1792	GWT-122A
A0528	GWHO-41A	A1708	GWT-49A	A1793	GWT-119A
A0529	GWHO-28A	A1709	GWT-47A	A1798	GWT-133A
A0530	GWHO-44A	A1711	GWT-55A	A1799	GWT-124A
A0532	GWHO-32A	A1712	GWT-31A	A1803	GWT-99A
A0532	GWIS-40A	A1712	GWT-35A	A1808	GWT-103A
A0533	GWHO-39A	A1713	GWT-42A	A1811	GWT-140A
A0533	GWIS-38A	A1717	GWT-21A	A2002	GWN-05A
A0534	GWHO-45A	A1718	GWT-48A	A2004	GWN-02A
A0535	GWHO-40A	A1719	GWT-59A	A2007	GWN-11A
A0536	GWHO-33A	A1720	GWT-50A	A2008	GWN-24A
A0537	GWHO-56A	A1722	GWT-109A	A2009	GWN-20A
A0538	GWHO-57A	A1724	GWT-108A	A2010	GWN-12AF
A0539	GWHO-55A	A1726	GWT-114A	A2011	GWN-18A
A0540	GWHO-47A	A1726	GWT-54A	A2013	GWN-53A
A0541	GWHO-53A	A1729*	GWT-36A	A2015	GWN-23AF
A0542	GWHO-52A	A1730	GWT-65A	A2016	GWN-19A
A0543	GWHO-50A	A1731	GWT-58A	A2021	GWN-05A
A0544	GWHO-27A	A1732	GWT-61A	A2024	GWN-38A
A0545	GWHO-46A	A1734	GWT-74A	A2026	GWN-28A
A0546	GWHO-34A	A1735	GWT-31AF	A2028	GWN-31A
A0547	GWHO-48A	A1736	GWT-66A	A2029	GWN-26A
A0548	GWHO-54A	A1737	GWT-70A	A2030	GWN-30A
A0549	GWHO-49A	A1738	GWT-53A	A2031	GWN-29A
A0552	GWHO-58A	A1742	GWT-67A	A2032	GWN-37A
A1150	GWT-12A	A1743	GWT-52A	A2033	GWN-19A
A1156	GWT-25A	A1744	GWT-73A	A2034	GWN-35A
A1160	GWT-24A	A1746	GWT-62A	A2036	GWN-36A
A1162	GWT-21A	A1747	GWT-63A	A2038	GWN-49A
A1162*	GWT-21A	A1748	GWT-126A	A2039	GWN-39A
A1168	GWT-23A	A1749	GWT-78A	A2040	GWN-72A
A1168	GWT-41A	A1750	GWT-77A	A2041	GWN-32A
A1169	GWT-02A	A1752	GWT-115A	A2041	GWN-70A
A1177	GWT-08A	A1752	GWT-79A	A2042	GWN-55A

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ASAHI	GMB	ASAHI	GMB	ASAHI	GMB
A2043	GWN-69A	A3685	GWM-47A	A6426	GWMZ-56A
A2044	GWN-68A	A3688	GWM-64A	A6427	GWMZ-39A
A2045	GWN-48A	A3690	GWM-66A	A6428	GWMZ-43A
A2046	GWN-42A	A3691	GWM-59A	A6429	GWMZ-69A
A2047	GWN-59A	A3692	GWM-56A	A6430	GWMZ-39A
A2049	GWN-49A	A3693	GWM-55A	A6430	GWMZ-43A
A2051	GWN-32A	A3694	GWM-71A	A6430	GWMZ-55A
A2052	GWMZ-46A	A3696	GWM-48A	A6432	GWMZ-41A
A2052	GWN-52A	A3697*	GWM-40A	A6434	GWMZ-48A
A2053	GWN-78A	A3698	GWM-54A	A6435	GWMZ-54A
A2054	GWN-44A	A3699*	GWM-51A	A6436	GWMZ-38A
A2055	GWN-65AF	A3700	GWM-61A	A6437	GWMZ-58A
A2057	GWN-47AF	A3701	GWM-80A	A6438	GWMZ-51A
A2060	GWN-40A	A3702	GWM-75A	A6441	GWMZ-42A
A2061	GWN-51A	A3703	GWM-60A	A6442	GWMZ-57A
A2063	GWN-61A	A3704	GWM-79A	A6444	GWMZ-70A
A2064	GWN-79A	A3705	GWM-73A	A7374	GWD-15A
A2066	GWIS-41A	A3709	GWM-76A	A7374	GWS-07A
A2066	GWN-54A	A3710	GWM-78A	A7800	GWD-24A
A2067	GWN-73A	A3711	GWM-81A	A7801	GWD-26A
A2075	GWN-60A	A4102	GWIS-45A	A7802	GWD-25A
A2077	GWN-75A	A4104	GWIS-36A	A7803	GWD-17A
A2078	GWN-46AF	A4223	GWIS-10A	A7804	GWD-14A
A2088	GWN-45A	A4237	GWIS-01A	A7806	GWD-28A
A2117	GWN-21A	A4241	GWIS-17A	A7807	GWD-27A
A2128	GWN-06A	A4243	GWIS-16A	A7808	GWD-29A
A2130	GWN-01A	A4245	GWIS-43A	A7809	GWD-30A
A2138	GWN-10A	A4248	GWIS-37A	A7810	GWD-31A
A2139	GWN-03A	A4270	GWIS-19A	A7812	GWD-46A
A3100	GWM-65A	A4272	GWIS-20A	A7813	GWD-33A
A3101	GWM-44A	A4275	GWIS-23A	A7814	GWD-34A
A3101	GWM-67A	A4277	GWIS-28A	A7815	GWD-35A
A3102	GWM-57A	A4280	GWIS-35A	A7817	GWD-32A
A3103	GWM-68A	A4282	GWIS-25A	A7818	GWD-37A
A3314	GWM-02A	A4282	GWIS-45A	A7819	GWD-38A
A3329	GWM-01A	A4302	GWIS-42A	A7820	GWD-36A
A3376	GWM-13A	A4302	GWN-66A	A7821	GWD-34A
A3376	GWM-37A	A4303	GWIS-44A	A7821	GWD-39A
A3377	GWM-12A	A6355	GWMZ-03A	A7822	GWD-44A
A3378	GWM-14A	A6356	GWMZ-02A	A7823	GWD-42A
A3379	GWM-15A	A6359	GWMZ-10A	A7823	GWD-54A
A3385	GWM-21A	A6404	GWMZ-18A	A7823*	GWD-40AH
A3388	GWM-20A	A6404*	GWMZ-13A	A7823*	GWD-49AH
A3388	GWM-33A	A6404*	GWMZ-18A	A7824	GWD-48A
A3389	GWM-16A	A6406	GWMZ-13A	A7825	GWD-47A
A3393	GWM-33A	A6406*	GWMZ-13A	A7826	GWD-45A
A3397	GWM-30A	A6407	GWMZ-21A	A7827	GWD-43A
A3397	GWMZ-26A	A6409	GWMZ-22A	A7828	GWT-100A
A3398	GWM-17A	A6410	GWMZ-28A	A7830	GWT-139A
A3398	GWM-77A	A6411	GWMZ-25A	A7831	GWD-41A
A3399	GWM-19A	A6412	GWMZ-29A	A8601	GWSU-04A
A3399	GWM-46A	A6413	GWMZ-40A	A8602	GWSU-03A
A3652	GWM-35A	A6414	GWMZ-40A	A8606	GWSU-08RK
A3654	GWM-23A	A6418	GWMZ-31A	A8607	GWSU-13A
A3655	GWM-24A	A6419	GWMZ-52A	A8608	GWSU-14A
A3664	GWM-43A	A6420	GWMZ-32A	A8610	GWSU-17A
A3667	GWM-32A	A6420	GWMZ-71A	A8611	GWSU-18A
A3667	GWM-39A	A6421	GWMZ-35A	A8612	GWSU-12A
A3670	GWM-26A	A6422	GWMZ-49A	A8613	GWSU-16A
A3680	GWM-63A	A6423	GWMZ-30A	A8614	GWSU-15A
A3683	GWM-72A	A6423*	GWMZ-30A	A8615	GWSU-20A
A3684	GWM-52A	A6425	GWMZ-53A	A9901	GWS-02A

COMPETITIVE REFERENCE

ASAHI	GMB	---	GMB	---	GMB
A9906	GWS-03A				
A9906	GWS-11A				
A9907	GWS-10A				
A9908	GWS-09A				
A9912	GWS-16A				
A9913	GWS-17A				
A9914	GWS-18A				
A9915	GWS-22A				
A9916	GWS-19A				
A9917	GWS-15A				
A9918	GWS-21A				
A9919	GWS-14A				
A9920	GWS-08A				
A9920	GWS-12A				
A9920	GWS-30A				
A9921	GWS-24A				
A9922	GWS-25A				
A9923	GWS-26A				
A9927	GWS-23A				
A9935	GWS-20A				

WEIGHT & PACKING LIST

GMB NO.	NET WEIGHT(g)	BOX	GMB NO.	NET WEIGHT(g)	BOX	GMB NO.	NET WEIGHT(g)	BOX
GWAM-01A	2,680	J	GWCR-34A	1,104	I	GWDW-39A	780	I
GWAM-03A	1,440	J	GWCR-35A	1,022	I	GWDW-40A	860	N
GWAM-04A	2,320	Q	GWCR-36A	3,197	Q	GWDW-46A	980	B
GWAM-05A	1,460	J	GWCR-37A	3,224	Q	GWDW-87A	881	B
GWAM-06A	1,290	J	GWCR-38A	2,480	C	GWDW-88A	915	B
GWAM-07A	1,290	J	GWCR-39A	937	N	GWDW-89A	900	B
GWAM-08A	1,420	J	GWCR-40A	998	C	GWDW-90A	864	B
GWAM-09A	1,220	J	GWCR-41A	2,210	Q	GWDW-91A	900	B
GWAM-10A	1,556	J	GWCR-42A	2,655	C-L	GWDW-92A	840	B
GWBE-02A	1,660	I	GWCR-43A	1,305	O	GWDW-96A	1,095	I
GWBE-03A	2,160	A	GWD-12A	890	I	GWF-01A	780	N
GWBE-04A	1,814	G	GWD-13A	2,020	H	GWF-02A	760	N
GWBE-05A	2,087	---	GWD-14A	2,860	J	GWF-03A	880	C
GWBE-06A	2,200	U	GWD-15A	860	I	GWF-05A	1,550	KA
GWBF-02A	940	N	GWD-16A	560	B	GWF-06A	1,550	KA
GWBF-03A	5,110	BF	GWD-17A	1,020	N	GWF-07A	1,600	K
GWBF-05A	1,030	J	GWD-24A	830	KA	GWF-08A	1,130	N
GWBF-06A	1,030	J	GWD-25A	620	I	GWF-08AH	1,420	K
GWBL-01A	760	N	GWD-26A	880	N	GWF-09A	2,180	C
GWBL-03A	2,810	J	GWD-27A	1,020	N	GWF-100A	812	B
GWBL-05A	1,910	C	GWD-28A	2,830	J	GWF-101A	2,544	Q
GWBL-06A	2,930	C	GWD-29A	870	N	GWF-102A	2,260	Q
GWBL-07A	1,100	C	GWD-30A	960	KA	GWF-103A	1,358	C
GWBL-10A	1,390	A	GWD-31A	960	KA	GWF-104A	1,500	H
GWBL-11A	760	N	GWD-32A	660	K	GWF-105A	909	N
GWBL-12A	5,020	R	GWD-33A	2,940	H	GWF-105AH	1,192	K
GWBL-13A	4,790	BF	GWD-34A	1,015	N	GWF-106A	1,500	KA
GWBL-14A	830	N	GWD-35A	1,350	I	GWF-106AP	1,622	J
GWBL-15A	1,000	C	GWD-36A	840	N	GWF-107A	1,985	A
GWBL-16A	1,030	C	GWD-37A	925	KA	GWF-107AH	2,365	H
GWBL-17A	580	N	GWD-38A	920	KA	GWF-108A	1,483	J
GWBL-18A	621	B	GWD-39A	815	C	GWF-109A	2,200	A
GWBL-19A	713	B	GWD-40A	608	B	GWF-10A	730	I
GWBL-20A	1,134	N	GWD-40AH	1,105	KA	GWF-110A	8,618	---
GWBM-01A	960	KA	GWD-41A	564	B	GWF-111A	8,528	R
GWBM-02A	990	KA	GWD-41AH	1,061	KA	GWF-112A	4,808	---
GWBM-03A	990	N	GWD-42A	615	B	GWF-113A	1,935	A
GWBM-04A	1,040	C	GWD-42AH	1,074	KA	GWF-114A	1,325	A
GWBM-05A	920	N	GWD-43A	801	B	GWF-115A	1,470	O
GWBM-06A	950	C	GWD-43AH	1,311	KA	GWF-116A	1,910	A
GWBM-07A	930	KA	GWD-44A	485	B	GWF-117A	2,300	A
GWBM-08A	1,040	C	GWD-45A	522	B	GWF-118A	2,300	A
GWBM-09A	1,035	I	GWD-46A	2,897	J	GWF-119A	1,083	KA
GWBM-10A	830	N	GWD-47A	877	N	GWF-11A	2,570	Q
GWBM-11A	980	N	GWD-48A	911	N	GWF-14A	1,170	F14
GWCR-01A	1,160	J	GWD-49AH	1,140	KA	GWF-15A	1,630	J
GWCR-02A	1,340	J	GWD-50AH	1,071	KA	GWF-16A	2,850	K
GWCR-03A	1,300	F	GWD-51A	593	B	GWF-17A	780	N
GWCR-04A	720	N	GWD-51AH	1,090	KA	GWF-18A	1,030	C
GWCR-05A	790	KA	GWD-52A	613	B	GWF-21A	1,970	Q
GWCR-06A	1,360	J	GWD-52AH	1,128	KA	GWF-22A	2,870	K
GWCR-07A	2,260	Q	GWD-53A	570	I	GWF-23A	3,090	Q
GWCR-17A	880	I	GWD-54A	633	I	GWF-24A	1,180	F14
GWCR-20A	1,200	C	GWD-55A	516	B	GWF-25A	1,150	F14
GWCR-26A	770	KA	GWD-56A	673	B	GWF-28A	1,350	C
GWCR-27A	750	I	GWDW-10A	1,150	B	GWF-29A	1,130	C
GWCR-28A	830	KA	GWDW-11A	980	B	GWF-35A	6,210	C1S
GWCR-29A	818	I	GWDW-12A	1,170	B	GWF-36A	830	I
GWCR-30A	1,037	I	GWDW-13A	940	B	GWF-37A	7,210	C1S
GWCR-31A	865	I	GWDW-16A	790	N	GWF-38A	1,550	KA
GWCR-32A	1,067	I	GWDW-18A	951	B	GWF-39A	1,650	H
GWCR-33A	1,062	C	GWDW-38A	700	I	GWF-40A	1,000	KA

WEIGHT & PACKING LIST

GMB NO.	NET WEIGHT(g)	BOX	GMB NO.	NET WEIGHT(g)	BOX	GMB NO.	NET WEIGHT(g)	BOX
GWF-41A	1,300	KA	GWFI-12A	830	I	GWG-63A	860	N
GWF-42A	2,560	Q	GWFI-13A	740	B	GWG-64A	790	N
GWF-44A	6,040	Q	GWFI-14A	744		GWG-65A	630	I
GWF-47A	1,180	F14	GWFI-15A	2,185		GWG-66A	570	I
GWF-48A	1,340	BF	GWG-01A	1,170	KA	GWG-67A	2,740	KA
GWF-50A	1,780	N	GWG-03A	1,420	J	GWG-68A	960	N
GWF-51A	820	I	GWG-04A	1,690	J	GWG-69A	5,650	U
GWF-52A	1,050	I	GWG-05A	1,020	N	GWG-70A	7,680	C1S
GWF-53A	1,780	R	GWG-05AP	2,670	C	GWG-71A	910	N
GWF-55A	2,110	V	GWG-06A	820	B	GWG-72A	1,912	Q
GWF-56A	2,460	Q	GWG-07A	1,780	H	GWG-74A	2,240	C
GWF-58A	2,175	F14	GWG-08A	1,040	KA	GWG-75A	1,712	BF
GWF-59A	1,580	K	GWG-09A	1,150	KA	GWG-76A	1,133	KA
GWF-60A	1,630	BF	GWG-100A	5,500	N/A	GWG-77A	1,127	KA
GWF-61A	2,870	K	GWG-101A	1,390	N	GWG-78A	1,105	KA
GWF-62A	2,110	V	GWG-103A	1,255	K	GWG-79A	4,717	Q
GWF-63A	2,310	Q	GWG-10A	1,250	KA	GWG-80A	533	I
GWF-64A	970	KA	GWG-11A	980	B	GWG-81A	548	I
GWF-65A	990	C	GWG-12A	1,510	KA	GWG-82A	6,027	U
GWF-66A	920	C	GWG-13A	1,390	KA	GWG-83A	6,290	C1S
GWF-67A	2,460	Q	GWG-14A	950	I	GWG-84A	710	B
GWF-69A	1,790	K	GWG-15A	1,410	C	GWG-85A	710	B
GWF-70A	2,826	Q	GWG-16A	1,530	KA	GWG-86A	916	N
GWF-71A	1,140	KA	GWG-17A	1,820	R	GWG-87A	881	B
GWF-72A	1,790	KA	GWG-18A	1,500	J	GWG-88A	915	B
GWF-73A	780	N	GWG-19A	1,200	N	GWG-89A	900	B
GWF-75A	1,910	C	GWG-20A	1,640	J	GWG-90A	864	B
GWF-76A	3,540	V	GWG-22A	2,300	R	GWG-91A	900	B
GWF-77A	2,330	Q	GWG-23A	1,460	KA	GWG-92A	840	B
GWF-78A	1,460	KA	GWG-25A	6,400	U	GWG-93A	863	I
GWF-78AP	1,582	J	GWG-26A	2,540	Q	GWG-94A	926	C
GWF-79A	1,805	BF	GWG-27A	6,480	U	GWG-95A	5,600	NO.3
GWF-80A	2,240	Q	GWG-28A	2,280	H	GWG-96A	1,095	I
GWF-81A	2,052	C1S	GWG-29A	3,671	F14	GWG-97A	1,835	A
GWF-82A	1,445	R	GWG-31A	4,710	Q	GWG-98A	3,285	N/A
GWF-83A	1,903	C	GWG-32A	7,596	V	GWG-99A	3,810	---
GWF-84A	1,617	K	GWG-33A	3,040	C1S	GWG-102A	1,800	NO.3
GWF-85A	1,901	R	GWG-34A	1,490	KA	GWG-106AT	5,900	NO.8
GWF-86A	1,706	N	GWG-35A	4,190	Q	GWHD-01A	940	N
GWF-87A	2,052	C	GWG-36A	2,440	C1W	GWHD-02A	840	N
GWF-88A	538	N	GWG-37A	2,020	U	GWHD-03A	930	N
GWF-89A	2,145	C	GWG-38A	2,210	J	GWHD-04/05A	1,400	O
GWF-90A	1,539	J	GWG-40A	1,640	R	GWHD-06A	1,270	H
GWF-91A	815	I	GWG-42A	1,330	H	GWHD-07A	2,180	O
GWF-92A	2,060	R	GWG-44A	1,155	KA	GWHD-08A	1,060	F
GWF-93A	2,306	R	GWG-45A	1,500	J	GWHD-09A	1,150	B
GWF-94A	2,429	Q	GWG-46A	980	B	GWHD-10A	836	B
GWF-95A	1,482	C	GWG-47A	1,110	I	GWHO-01AP	990	C
GWF-96A	2,288	BF	GWG-48A	1,310	I	GWHO-03A	680	B
GWF-97A	1,803	BF	GWG-49A	1,330	C	GWHO-04A	760	B
GWF-98A	1,969	C	GWG-50A	950	N	GWHO-05A	690	B
GWF-99A	1,415	KA	GWG-53A	1,390	KA	GWHO-07A	750	B
GWFI-01A	1,100	N	GWG-54A	1,680	KA	GWHO-08A	750	B
GWFI-02A	1,300	KA	GWG-55A	5,870	Q	GWHO-10A	750	B
GWFI-03A	830	N	GWG-56A	2,300	R	GWHO-11A	750	B
GWFI-04A	820	N	GWG-57A	660	N	GWHO-12AP	1,080	N
GWFI-05A	840	N	GWG-58A	1,040	N	GWHO-13AP	1,060	C
GWFI-06A	970	N	GWG-59A	1,190	KA	GWHO-15AP	1,010	N
GWFI-07A	800	B	GWG-60A	1,690	BF	GWHO-16AP	1,030	N
GWFI-09A	810	N	GWG-61A	1,150	B	GWHO-18A	720	N
GWFI-11A	1,115	A	GWG-62A	5,870	Q	GWHO-21A	620	B

WEIGHT & PACKING LIST

GMB NO.	NET WEIGHT(g)	BOX	GMB NO.	NET WEIGHT(g)	BOX	GMB NO.	NET WEIGHT(g)	BOX
GWHO-22A	760	B	GWHY-42A	972	I	GWK-23A	2,881	G
GWHO-23A	620	B	GWHY-43A	1,315	KA	GWK-24A	1,440	J
GWHO-24A	880	B	GWHY-43AH	1,629	A	GWK-25A	970	KA
GWHO-25A	1,440	KA	GWHY-44A	1,305	KA	GWK-26A	1,076	KA
GWHO-26A	840	B	GWHY-44AH	1,629	A	GWK-27A	1,210	C
GWHO-27A	810	I	GWHY-45A	1,361	C	GWK-31A	920	C
GWHO-28A	620	I	GWHY-52A	686	I	GWK-32A	970	KA
GWHO-29A	670	I	GWHY-70A	1,130	KA	GWK-40A	2,220	C
GWHO-30A	720	I	GWHY-110A	600	B	GWK-52A	1,050	I
GWHO-32A	620	I	GWHY-130A	1,190	KA	GWK-71A	1,140	KA
GWHO-33A	900	I	GWIH-01A	4,000	K	GWM-01A	730	I
GWHO-34A	860	I	GWIS-01A	950	I	GWM-02A	670	I
GWHO-35A	1,930	F14	GWIS-10A	3,240	J	GWM-12A	1,020	C
GWHO-36A	1,910	F14	GWIS-14A	1,410	C	GWM-13A	810	C
GWHO-37A	690	B	GWIS-15A	3,400	J	GWM-13F	750	B
GWHO-38A	1,161	K	GWIS-16A	4,590	R	GWM-14A	870	C
GWHO-39A	810	I	GWIS-17A	4,660	R	GWM-15A	930	C
GWHO-40A	680	I	GWIS-19A	1,390	KA	GWM-16A	1,010	C
GWHO-41A	915	B	GWIS-20A	2,210	J	GWM-17A	860	KA
GWHO-42A	730	B	GWIS-20F	1,280	M	GWM-19A	990	KA
GWHO-43A	730	N	GWIS-21F	4,600	---	GWM-20A	5,600	R
GWHO-44A	629	I	GWIS-22A	1,360	C	GWM-21A	4,100	R
GWHO-45A	680	B	GWIS-23A	2,210	J	GWM-22A	1,160	N
GWHO-46A	680	I	GWIS-24A	2,210	R	GWM-23A	960	C
GWHO-47A	632	N	GWIS-25A	1,490	C	GWM-24A	960	C
GWHO-48A	800	B	GWIS-26A	1,150	N	GWM-26A	1,390	J
GWHO-49A	800	I	GWIS-27A	3,270	J	GWM-27A	880	KA
GWHO-50A	974	C	GWIS-28A	1,390	KA	GWM-29A	4,240	R
GWHO-51A	1,111	KA	GWIS-29A	1,260	C	GWM-30A	770	KA
GWHO-52A	1,013	C	GWIS-30A	630	I	GWM-32A	2,230	A
GWHO-53A	1,093	J	GWIS-31A	1,360	C	GWM-33A	2,190	C
GWHO-54A	808	I	GWIS-32A	800	I	GWM-34A	1,270	C
GWHO-55A	773	I	GWIS-33A	800	I	GWM-35A	1,230	C
GWHO-56A	685	I	GWIS-34A	1,161	K	GWM-36A	1,230	C
GWHO-57A	1,170	J	GWIS-35A	5,200	R	GWM-37A	910	C
GWHO-58A	915	N	GWIS-36A	1,440	KA	GWM-39A	2,230	A
GWHO-59A	796	KA	GWIS-37A	5,220	R	GWM-40A	1,190	KA
GWHO-60A	735	N	GWIS-38A	810	I	GWM-41A	690	B
GWHO-61A	571	N	GWIS-39A	840	B	GWM-42A	720	I
GWHO-62A	1,129	KA	GWIS-40A	620	I	GWM-43A	690	B
GWHO-63A	745	N	GWIS-41A	1,037	I	GWM-44A	1,150	KA
GWHO-64A	1,700	T-57	GWIS-42A	1,750	A	GWM-45A	1,180	KA
GWHO-65A	1,089	J	GWIS-43A	4,909	R	GWM-46A	1,030	KA
GWHY-08A	1,088	KA	GWIS-44A	1,223	K	GWM-47A	1,120	C
GWHY-09A	1,088	KA	GWIS-45A	1,599	C	GWM-48A	1,110	KA
GWHY-105A	880	KA	GWIS-46A	1,459	C	GWM-49A	1,060	C
GWHY-106A	2,190	C	GWIS-47A	926	B	GWM-50A	1,500	J
GWHY-107A	2,230	A	GWIS-48A	6,400	R-W	GWM-51A	1,400	KA
GWHY-108A	730	I	GWIS-49A	6,500	U	GWM-52A	1,900	A
GWHY-109A	960	C	GWIS-50A	1,543	C	GWM-53A	1,090	KA
GWHY-11A	917	C	GWIS-51A	4,102	H	GWM-54A	851	N
GWHY-12A	1,570	F-14	GWIS-53A	1,095	I	GWM-55A	1,205	N
GWHY-15A	718	I	GWK-02AH	1,364	K	GWM-56A	1,024	KA
GWHY-17A	860	KA	GWK-13A	1,090	B	GWM-57A	1,157	N
GWHY-19A	718	I	GWK-15A	1,139	C	GWM-58A	926	B
GWHY-20A	928	N	GWK-17A	1,138	C	GWM-59A	924	B
GWHY-22A	1,068	C	GWK-18A	1,116	B	GWM-60A	1,484	J
GWHY-23A	808	B	GWK-19A	993	KA	GWM-61A	1,132	C
GWHY-32A	948	N	GWK-20A	1,033	N	GWM-62A	762	C
GWHY-35A	850	N	GWK-21A	1,449	N	GWM-63A	676	B
GWHY-36A	966	N	GWK-22A	1,020	C	GWM-64A	660	B

WEIGHT & PACKING LIST

GMB NO.	NET WEIGHT(g)	BOX	GMB NO.	NET WEIGHT(g)	BOX	GMB NO.	NET WEIGHT(g)	BOX
GWM-65A	1,755	KA	GWMZ-45A	1,901	R	GWN-32A	1,060	J
GWM-66A	801	B	GWMZ-46A	759	I	GWN-33F	710	M
GWM-67A	1,916	C	GWMZ-47A	2,330	Q	GWN-34A	930	I
GWM-68A	2,548	KA	GWMZ-48A	1,482	KA	GWN-35A	730	I
GWM-69A	1,029	KA	GWMZ-49A	1,059	C	GWN-36A	780	N
GWM-70A	1,023	KA	GWMZ-50A	1,229	C	GWN-37A	3,060	KA
GWM-71A	650	B	GWMZ-51A	939	KA	GWN-38A	3,710	R
GWM-72A	700	B	GWMZ-52A	2,253	C	GWN-39A	660	I
GWM-73A	800	C	GWMZ-53A	1,140	KA	GWN-40A	950	I
GWM-74A	1,173	KA	GWMZ-54A	815	I	GWN-41A	1,490	G
GWM-75A	634	B	GWMZ-55A	1,129	KA	GWN-42A	660	I
GWM-76A	589	B	GWMZ-56A	1,002	KA	GWN-43A	750	I
GWM-77A	924	KA	GWMZ-57A	927	N	GWN-44A	561	B
GWM-78A	970	KA	GWMZ-58A	713	B	GWN-45A	1,460	C
GWM-79A	1,041	J	GWMZ-59A	628	B	GWN-46A	2,030	A
GWM-80A	1,041	KA	GWMZ-60A	698	B	GWN-48A	700	B
GWM-81A	957	KA	GWMZ-61A	778	B	GWN-49A	650	B
GWM-82A	888	I	GWMZ-62A	673	B	GWN-50A	760	I
GWM-83A	2,813	N	GWMZ-63A	659	B	GWN-51A	890	B
GWM-85A	754	N	GWMZ-64A	700	I	GWN-52A	759	I
GWM-86A	999	KA	GWMZ-65A	769	I	GWN-53A	3,702	A
GWM-90A	627	J	GWMZ-66A	698	I	GWN-54A	1,037	I
GWM-91A	583	B	GWMZ-67A	770	B	GWN-55A	820	N
GWM-92A	775	KA	GWMZ-67AH	1,250	KA	GWN-56A	1,970	A
GWM-93AM	770	I	GWMZ-68A	770	B	GWN-57A	1,980	A
GWM-93AMH	1,535	KA	GWMZ-68AH	1,250	KA	GWN-59A	1,221	N
GWM-93AMP	1,295	C	GWMZ-69A	902	C	GWN-60A	2,857	A
GWM-93AMPH	2,060	J	GWMZ-70A	1,018	I	GWN-61A	1,861	G
GWM-97A	1,390	KA	GWMZ-71A	999	KA	GWN-62A	2,005	A
GWM-99F	1,017	FC-L	GWMZ-72A	793	B	GWN-63A	1,742	A
GWMZ-01A	1,500	J	GWMZ-72AH	1,209	C	GWN-64A	1,346	K
GWMZ-02A	1,500	J	GWMZ-73A	752	B	GWN-65AF	3,890	A
GWMZ-03A	850	I	GWMZ-73AH	1,168	C	GWN-66A	1,750	A
GWMZ-07A	1,430	C	GWMZ-74A	1,125	C	GWN-67A	801	N
GWMZ-10A	1,630	J	GWMZ-75A	705	N	GWN-68A	1,193	N
GWMZ-12A	1,630	J	GWN-01A	960	N	GWN-69A	1,476	N
GWMZ-13A	1,090	B	GWN-02A	680	B	GWN-70A	1,305	J
GWMZ-14A	3,590	G	GWN-03A	790	I	GWN-71A	840	I
GWMZ-18A	1,110	C	GWN-05A	930	I	GWN-72A	569	B
GWMZ-21A	720	I	GWN-06A	1,400	K	GWN-73A	1,000	KA
GWMZ-22A	2,150	C	GWN-10A	3,450	A	GWN-74A	1,450	F
GWMZ-24A	770	B	GWN-11A	740	B	GWN-75A	1,190	I
GWMZ-25A	1,020	C	GWN-12A	930	---	GWN-76A	762	C
GWMZ-26A	770	KA	GWN-12AF	1,490	C	GWN-77A	1,426	F
GWMZ-27A	1,210	C	GWN-12AFAD	1,670	C	GWN-78A	2,655	K
GWMZ-28A	3,170	G	GWN-13AF	1,560	C	GWN-79A	1,133	I
GWMZ-29A	980	C	GWN-16F	980	M	GWN-80A	778	B
GWMZ-30A	1,050	I	GWN-17AF	1,880	K	GWN-81A	673	B
GWMZ-31A	920	C	GWN-18A	1,400	K	GWN-82A	660	B
GWMZ-32A	970	KA	GWN-19A	3,400	KA	GWN-83A	800	C
GWMZ-34A	1,630	J	GWN-20A	550	I	GWN-84A	1,643	KA
GWMZ-35A	1,140	KA	GWN-21A	2,310	H	GWN-86A	843	B
GWMZ-36A	1,440	KA	GWN-23AF	1,910	K	GWN-87A	557	B
GWMZ-37A	1,780	R	GWN-24A	510	B	GWN-88A	506	B
GWMZ-38A	1,030	N	GWN-26A	920	N	GWN-89A	520	B
GWMZ-39A	1,150	J	GWN-27A	830	N	GWN-90A	991	B
GWMZ-40A	2,220	C	GWN-28A	970	N	GWN-91A	552	B
GWMZ-41A	897	C	GWN-29A	530	B	GWN-92A	541	B
GWMZ-42A	800	KA	GWN-30A	1,400	K	GWN-93A	823	B
GWMZ-43A	800	KA	GWN-31A	710	I	GWN-94A	998	---
GWMZ-44A	1,617	K	GWN-31F	870	M	GWN-95A	1,361	C

WEIGHT & PACKING LIST

GMB NO.	NET WEIGHT(g)	BOX	GMB NO.	NET WEIGHT(g)	BOX	GMB NO.	NET WEIGHT(g)	BOX
GWN-97F	1,085	M	GWS-23A	827	N	GWT-101A	502	B
GWN-98F	1,155	FC-L	GWS-24A	803	I	GWT-102A	644	B
GWN-99F	1,005	M	GWS-25A	769	I	GWT-103A	1,124	KA
GWN-100F	1,155	FC-L	GWS-26A	698	I	GWT-104A	2,800	Q
GWO-01A	1,050	KA	GWS-27A	628	B	GWT-105A	1,073	B
GWO-02A	810	K	GWS-28A	698	B	GWT-106A	1,104	KA
GWO-05AP	970	B	GWS-28AH	1,156	C	GWT-107A	812	N
GWO-08AP	1,520	KA	GWS-30A	800	N	GWT-108A	4,797	R
GWO-09A	1,140	B	GWS-31A	1,050	I	GWT-109A	4,306	R
GWO-10A	1,150	B	GWS-32A	778	B	GWT-10A	1,140	C
GWO-11A	1,170	B	GWS-32AH	1,236	KA	GWT-110A	4,430	R
GWO-12A	1,170	B	GWS-33A	643	B	GWT-111A	1,180	N
GWO-13A	940	B	GWS-34A	649	B	GWT-112A	4,864	J
GWO-14A	1,100	---	GWS-35A	673	B	GWT-113A	1,511	T57
GWO-14AP	1,780	KA	GWS-35AH	1,181	KA	GWT-114A	882	I
GWO-15A	1,900	A	GWS-36A	1,015	I	GWT-115A	1,444	N
GWO-16A	847	B	GWS-37A	659	B	GWT-116A	1,544	C
GWO-17A	1,032	B	GWS-37AH	1,075	C	GWT-116AH	2,211	H
GWO-18A	951	B	GWS-38A	770	B	GWT-117A	800	B
GWO-19A	650	I	GWS-38AH	1,250	KA	GWT-117AH	1,147	I
GWP-02A	1,057	J	GWS-39A	770	B	GWT-118A	1,539	K
GWP-04A	1,060	J	GWS-39AH	1,250	KA	GWT-118AH	2,289	U
GWP-05A	1,090	J	GWS-40A	661	B	GWT-119A	800	I
GWP-06A	1,120	J	GWS-40AH	1,166	KA	GWT-120A	1,680	K
GWP-07A	1,080	J	GWS-41A	739	B	GWT-120AH	2,385	U
GWP-08AP	1,100	C	GWS-41AH	1,159	C	GWT-121A	790	N
GWP-09A	831	N	GWS-42A	793	B	GWT-122A	821	N
GWP-10A	844	N	GWS-42AH	1,209	C	GWT-123A	1,764	T57
GWP-11A	777	B	GWS-43A	752	B	GWT-124A	797	I
GWP-12A	804	N	GWS-43AH	1,168	C	GWT-126A	1,759	C
GWP-13A	923	N	GWS-44A	695	I	GWT-127A	849	B
GWP-14A	495	B	GWS-45A	600	I	GWT-128A	969	B
GWR-01A	790	N	GWS-47A	1,095	I	GWT-129A	851	N
GWR-02A	1,410	A	GWSA-02A	850	B	GWT-12A	1,450	J
GWR-03A	2,040	H	GWSA-03A	1,210	C	GWT-12AG	1,385	J
GWR-06A	850	N	GWSA-04A	1,010	I	GWT-130A	4,569	Q
GWR-10A	1,220	J	GWSU-01A	1,410	C	GWT-131A	1,443	J
GWR-11A	1,240	J	GWSU-03A	1,130	N	GWT-132A	1,200	C
GWR-12A	881	N	GWSU-04A	1,130	N	GWT-133A	860	I
GWR-13A	702	I	GWSU-05A	1,410	C	GWT-134AH	1,071	KA
GWR-14A	800	N	GWSU-06A	1,490	N	GWT-135A	523	B
GWR-15A	980	KA	GWSU-11A	1,520	N	GWT-136A	623	B
GWR-16A	980	KA	GWSU-12A	1,410	C	GWT-137A	1,821	T-57
GWS-02A	600	I	GWSU-13A	960	N	GWT-138A	1,189	J
GWS-03A	790	I	GWSU-14A	950	N	GWT-139A	617	B
GWS-07A	860	I	GWSU-15A	1,435	C	GWT-140A	1,050	J
GWS-08A	660	N	GWSU-16A	1,422	C	GWT-141A	1,234	C
GWS-09A	1,080	N	GWSU-17A	802	N	GWT-142A	961	I
GWS-10A	1,020	N	GWSU-18A	756	N	GWT-144A	1,137	N
GWS-11A	750	I	GWSU-20A	774	N	GWT-145A	1,797	J
GWS-12A	730	N	GWSU-21A	1,397	C	GWT-146A	762	B
GWS-13A	700	I	GWSU-22A	736	N	GWT-149A	942	KA
GWS-14A	780	I	GWT-01A	850	KA	GWT-14A	1,260	KA
GWS-15A	860	N	GWT-02A	1,100	C	GWT-150A	2,298	J
GWS-16A	790	N	GWT-03A	1,090	C	GWT-151A	1,777	F-14
GWS-17A	770	I	GWT-04A	550	B	GWT-152F	1,565	FC-L
GWS-18A	670	I	GWT-05A	1,240	K	GWT-153F	1,610	FC-L
GWS-19A	700	I	GWT-06A	630	B	GWT-15A	630	B
GWS-20A	1,052	I	GWT-08A	3,680	A	GWT-18A	3,660	A
GWS-21A	655	I	GWT-09A	1,120	C	GWT-19A	1,990	H
GWS-22A	725	I	GWT-100A	607	B	GWT-19AG	1,940	H

WEIGHT & PACKING LIST

GMB NO.	NET WEIGHT(g)	BOX	GMB NO.	NET WEIGHT(g)	BOX	GMB NO.	NET WEIGHT(g)	BOX
GWT-21A	1,750	B	GWT-80A	1,220	KA			
GWT-22A	1,990	H	GWT-81A	1,250	J			
GWT-22AG	1,970	H	GWT-82A	1,470	C			
GWT-23A	1,030	KA	GWT-83A	960	N			
GWT-24A	1,230	KA	GWT-83AH	1,210	C			
GWT-25A	1,200	KA	GWT-84A	1,980	F14			
GWT-26AF	1,820	C	GWT-85A	1,180	J			
GWT-26F	1,190	C	GWT-86A	910	N			
GWT-27A	680	B	GWT-86AH	1,132	C			
GWT-27AF	2,190	C	GWT-87A	694	N			
GWT-27AFH	2,970	H	GWT-88A	2,110	A			
GWT-27AH	800	J	GWT-89A	2,110	H			
GWT-28A	1,060	B	GWT-90A	1,126	J			
GWT-30A	1,110	C	GWT-91A	1,700	J			
GWT-31A	940	KA	GWT-92A	1,100	C			
GWT-31AF	2,160	H	GWT-93A	770	B			
GWT-31F	840	M	GWT-94A	1,543	T57			
GWT-32A	1,030	KA	GWT-95A	1,480	KA			
GWT-32F	1,050	M	GWT-96A	1,468	J			
GWT-35A	950	KA	GWT-97A	1,144	J			
GWT-35F	900	M	GWT-98A	890	I			
GWT-36A	750	B	GWT-99A	1,619	C			
GWT-38A	620	N	GWVO-01A	840	I			
GWT-41A	1,030	KA	GWVO-02A	790	N			
GWT-42A	1,080	N	GWVO-03A	1,290	K			
GWT-43A	640	N	GWVO-04A	1,420	K			
GWT-44A	550	B	GWVO-05A	1,970	A			
GWT-45A	930	KA	GWVO-06A	1,230	I			
GWT-46A	840	KA	GWVO-07A	850	I			
GWT-47A	2,020	H	GWVW-01A	1,000	N			
GWT-48A	4,520	R	GWVW-02A	830	N			
GWT-49A	850	N	GWVW-04A	1,160	KA			
GWT-50A	1,060	C	GWVW-06A	1,230	I			
GWT-51A	770	N	GWVW-07A	830	N			
GWT-52A	1,160	N	GWVW-07AH	1,750	H			
GWT-53A	780	N	GWVW-08A	1,050	C			
GWT-54A	820	I	GWVW-09A	1,000	N			
GWT-55A	1,080	B	GWVW-09AH	1,750	H			
GWT-57A	1,543	T57	GWVW-11A	950	N			
GWT-58A	950	N	GWVW-11AH	1,790	H			
GWT-59A	1,160	C	GWVW-12A	700	B			
GWT-60A	1,190	C	GWVW-13A	803	B			
GWT-61A	1,310	C	GWVW-14A	741	B			
GWT-61F	1,210	C	GWVW-15A	998	B			
GWT-62A	1,070	N	GWVW-16A	2,359	---			
GWT-63A	1,040	N	GWVW-17A	1,724	B			
GWT-64A	1,000	KA	GWVW-18A	697	I			
GWT-65A	1,910	B	GWVW-19A	1,107	I			
GWT-66A	1,210	C	GWVW-20A	690	B			
GWT-67A	810	N	GWVW-21A	940	I			
GWT-68A	630	B	GWVW-22A	750	B			
GWT-70A	1,240	C						
GWT-71A	1,320	KA						
GWT-72A	2,330	Q						
GWT-73A	2,360	Q						
GWT-74A	2,400	Q						
GWT-75A	2,390	Q						
GWT-76A	1,030	B						
GWT-77A	810	N						
GWT-78A	960	N						
GWT-79A	1,270	N						

GMB Individual Box Sizes

Individual Box NO.	Length (mm)	Width (mm)	Height (mm)
A	202	170	154
B	120	110	109
C	176	140	124
F-14	356	175	145
FC-L	180	180	100
G	310	155	150
H	202	190	178
I	143	114	112
J	255	148	147
K	163	163	133
KA	213	141	127
M	150	150	70
N	170	113	120
O	285	170	130
Q	260	197	157
R	271	175	160
T-57	323	205	87
U	282	185	204
W	162	152	91

MEASUREMENT OF EXPORT PACKING

BOX NO.	SIZE(cm)	m ³
A x 10pcs	91 x 43 x 18	0.070
B x 10pcs	58 x 26 x 13	0.020
C (C x 8pcs / N x 10pcs)	59 x 15 x 15	0.013
C x 10pcs	73 x 38 x 15	0.042
C x 20pcs	73 x 38 x 28	0.078
FC-L x 20pcs	93 x 38 x 23	0.081
F-J x 10pcs	69 x 31 x 31	0.066
FJ-6 (A x 6pcs / J x 6pcs)	53 x 46 x 17	0.041
G x 10pcs	83 x 33 x 33	0.090
H x 6pcs	58 x 44 x 20	0.051
H (H x 10pcs / F-14 x 5pcs)	99 x 43 x 21	0.089
I x 10pcs	61 x 31 x 14	0.026
I x (I x 20pcs / B x 20pcs)	61 x 31 x 25	0.047
K x 10pcs	86 x 35 x 16	0.048
K x 20pcs	86 x 35 x 30	0.090
KA x 10pcs	74 x 47 x 15	0.052
KA x 20pcs	74 x 47 x 27	0.094
M x 10pcs	43 x 33 x 18	0.026
M x 20pcs	78 x 33 x 18	0.046
N (N x 20pcs / B x 20pcs)	60 x 36 x 27	0.058
PG (G x 5pcs)	83 x 33 x 17	0.047
Q (Q x 6pcs / U x 4pcs)	68 x 29 x 36	0.070
Q x 4pcs	55 x 42 x 17	0.039
R x 4pcs	57 x 37 x 18	0.038
T-57 x 10pcs	88 x 43 x 20	0.076
W x 10pcs	80 x 35 x 12	0.034

STANDARD WARRANTY POLICY

In the event of failure, GMB agrees to compensate under the following conditions. Claimant must return the failed unit with full information of failure. (date installed and failed, period and mileage run, etc.). GMB reserves the right to examine all parts returned to it for warranty claim to determine whether or not any such part has failed because of a defect in material or workmanship. GMB's obligation under this warranty shall be limited to repairing, replacing or crediting at its option, any part found to be defective. GMB will not be liable for labor charges and other intangible or consequential losses of any part, nor shall it be liable for damages or injury to persons or property resulting from the misuse or improper installation of any part found to be defective.



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