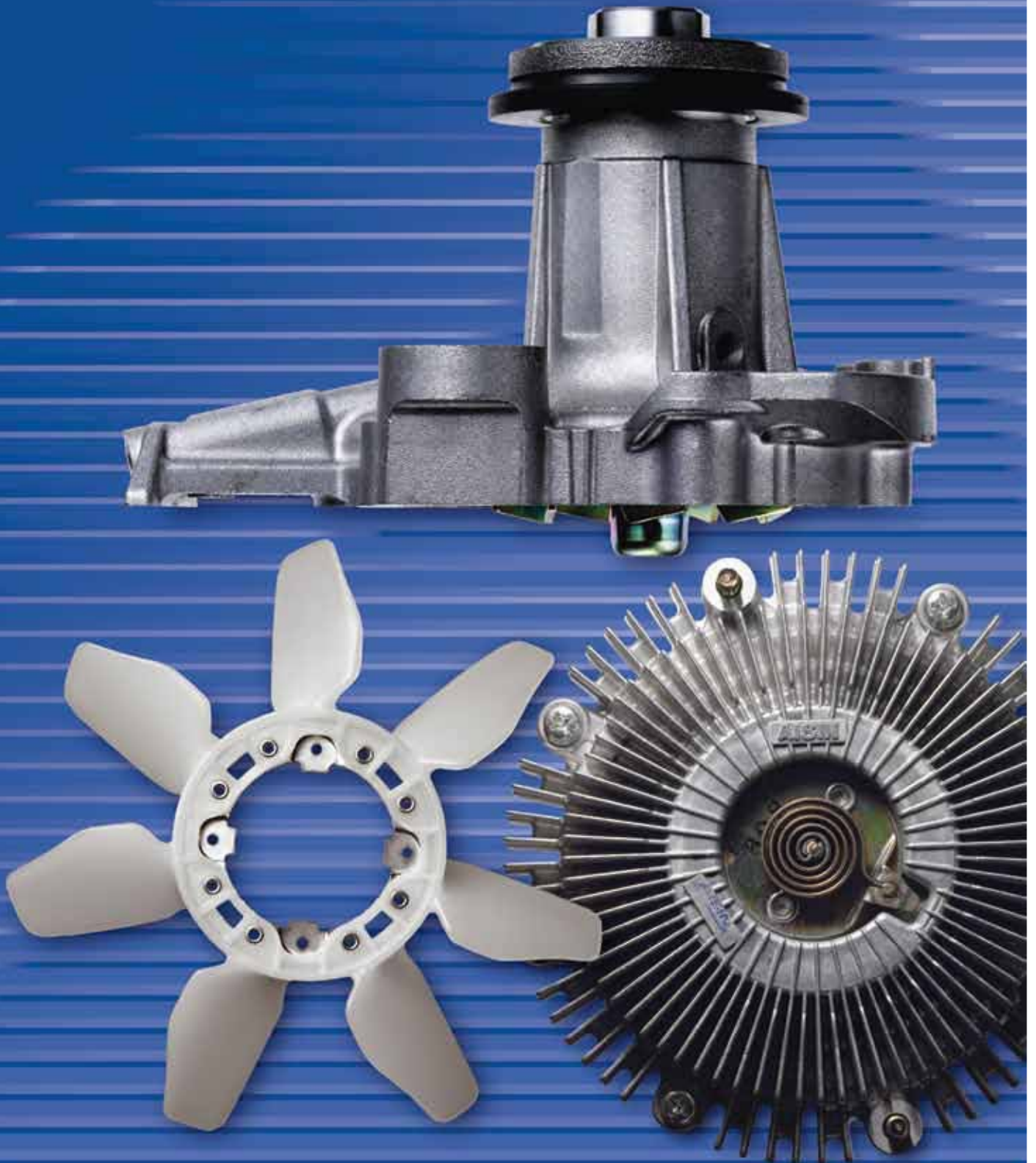


# COOLING SYSTEM CATALOGUE 2010



# AISIN

One Team, Best Future

# AISIN

# ADVICS



Clutch Disc



Clutch Cover



Fan Clutch



Free Wheel Hub



Water Pump



Oil Pump



Clutch Release Cylinder



Hydraulic Belt Tensioner



Brake Master Cylinder



Brake Wheel Cylinder



Brake Booster



Brake Pads

# Meet the AISIN Family



## AISIN Europe Aftermarket Website

<http://www.be.aisin-europe.com>

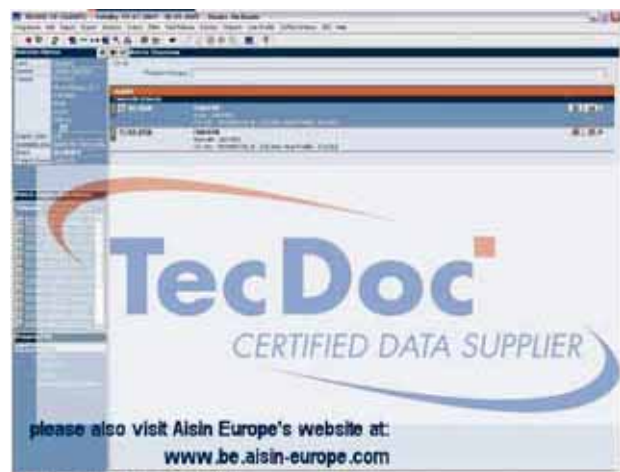
### Main features

1. QUICK SEARCH. OEM --> AISIN reference
2. ONLINE CATALOGUE. Search by vehicle and by article or find an application
3. NEWS. Updated information on our products and events
4. SUPPORT. Technical support is provided with technical information
5. NEWSLETTER. Online subscription to our newsletter



## TecDoc Information System

<http://www.tecdoc.de>



## WHAT'S NEW?

WHICH PRODUCTS WILL YOU  
FIND IN THE CATALOGUE?



**WP**

### Water Pump

AISIN manufactures water pump for the aftermarket to protect engines from severe heat.

Engine specific water pressure is achieved without excessive load to engine.

Aisin's aluminum die-casting technology allows for size and weight reduction.

Improved strength in body design and carbon ceramic mechanical seals assures leak prevention.



**FC**

### Fan Clutch

Engineered to exacting OE specifications, AISIN Fan Clutch quickly adjusts to temperature changes to provide efficient, controlled cooling. Providing optimal cooling performance without sacrificing engine efficiency.



**PL Fan**

### Plastic Fan Blade

Function: Cooling of Radiator

Ensures sufficient airflow to radiator in case of engine high temperature, low speed driving or engine running at stop.

Reduces air pressure between fan and radiator by fan rotation.

Strengthen the cooling function of the radiator.

# CATALOGUE 2010

Supersedes Catalogue 2007

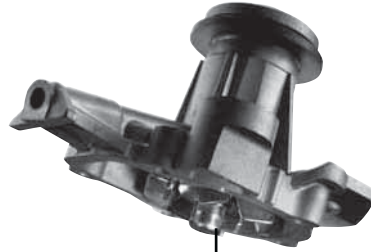
## IMPORTANT NOTICE

The purpose of this catalogue is to furnish our customers with as complete a listing of their cooling system parts requirements as possible.

All listings, applications or interchanges contained in this catalogue are based on the latest information available at the time of printing. Every effort has been made to ensure that the information contained in this catalogue is correct, but we do not assume any responsibility for errors which may occur.

Cross references of car or part manufacturers are given for comparison purpose only. The use of such information on invoices is not allowed. All rights reserved. Reproduction or use of this catalogue -even in part- for the purpose of creating a catalogue is not allowed.

# INDEX



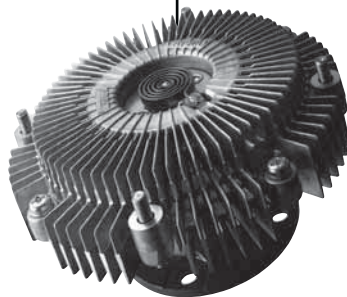
5 DIAGNOSTIC MANUAL

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# Water Pump Diagnostic Manual



1. Operation Diagram
2. Structure and Components
3. AISIN Water Pump Characteristics
4. Precautions in Handling
5. Installation Procedure
6. Troubleshooting

Leak

Seepage

Overheating

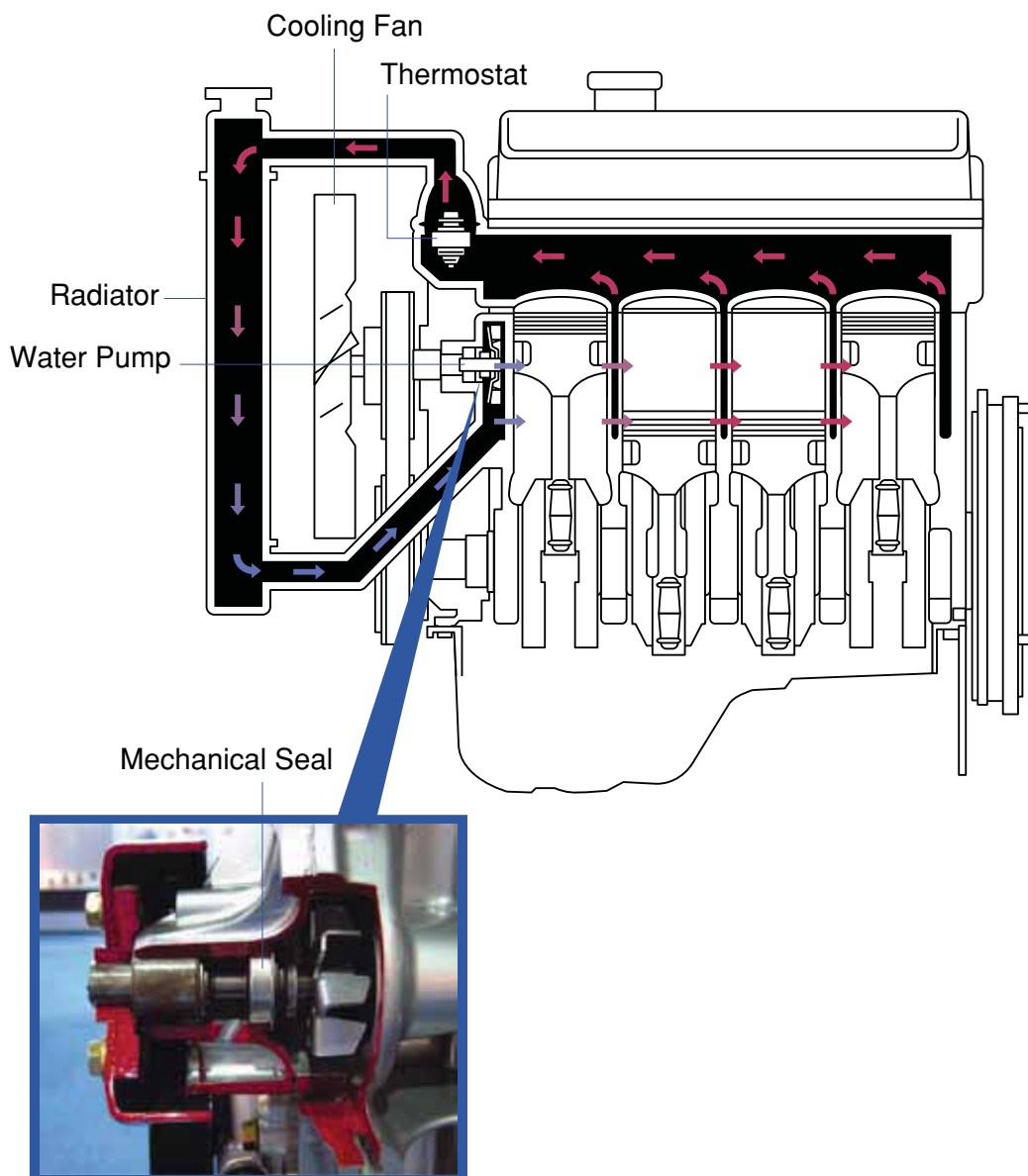
Abnormal noises

Other

- 7.Quick Reference



Optimum operating temperature in a water-cooled engine is provided by a system that circulates coolant through the engine block water jacket and the radiator. The water pump is the mechanism that maintains the constant flow of coolant. In most cases, the water pump is driven by a belt pulley system, where the pulley receives power from the engine's drive belt, timing belt, or fan belt.

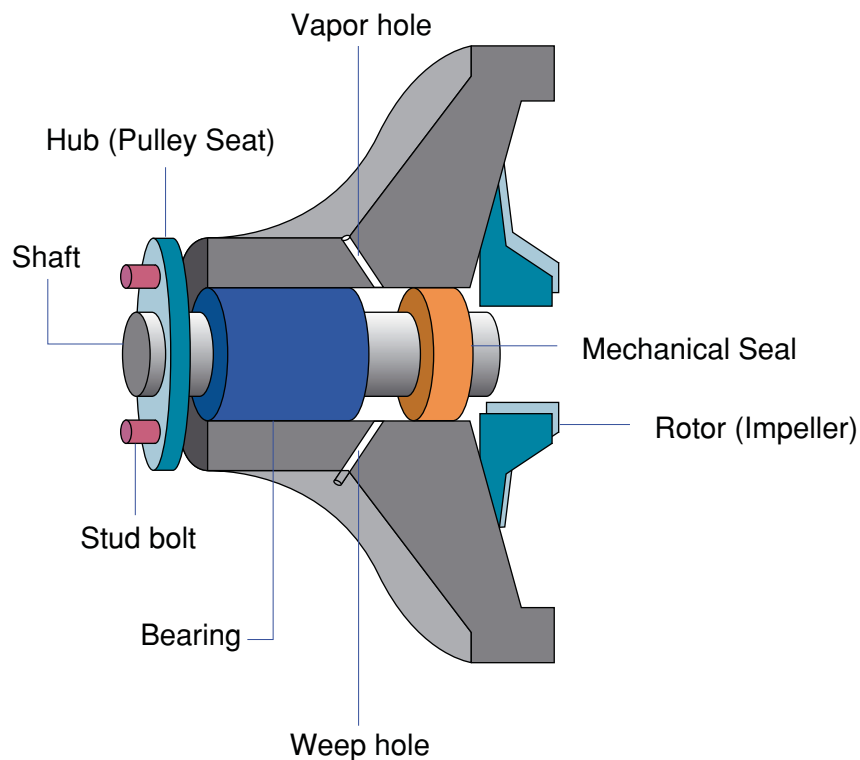




# 2 Structure and Components



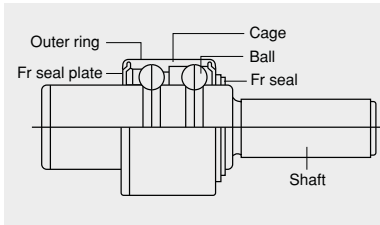
The structure of the water pump is comprised of the following components: pulley hub, body, shaft, bearing, mechanical seal and rotor (impeller). The shaft is mounted onto a bearing which is pressed into the water pump body. On one end of the shaft, a pulley hub is attached, while the other end is a rotor (impeller). The pulley hub transfers energy from the fan or timing belt into a rotation, spinning the shaft, therefore spinning the rotor. The rotor then circulates the coolant. A mechanical seal is installed to prevent leakage of coolant into the bearing and also supports the shaft for smooth rotation.



The body of the water pump is equipped with a vapor hole and a weep hole. The vapor hole relieves excess gas pressure seeping through the mechanical seal. The weep hole bleeds off excess coolant seeping through the mechanical seal. Both holes function as a safety to protect the shaft and the bearing from contamination.

## Bearing

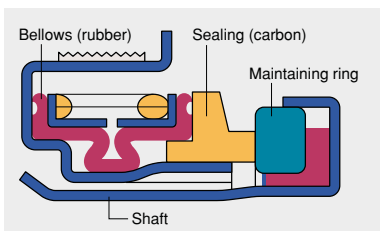
Wear Resistance



The bearing relieves pressure on the shaft from the tension created by the fan or timing belt. Since pressure is continuously applied, a high quality bearing is of the utmost importance to protect the water pump from failing.

## Mechanical Seal

Leakage Resistance



The mechanical seal prevents coolant leak as well as support the rotation of the shaft. The structure of the airtight seal and durable materials used also prevents unneeded noise and vibrations.

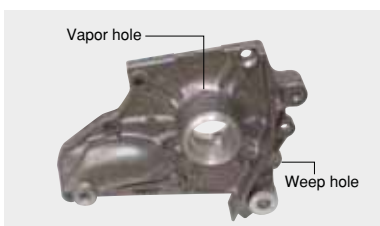
## Pump Rotor

Corrosion Resistance



Quality materials for the rotor are a necessity to create and maintain complex geometry for the optimization of coolant flow, as well as resisting corrosion from rust, scaling of coolant and cavitation.

## Pump Body



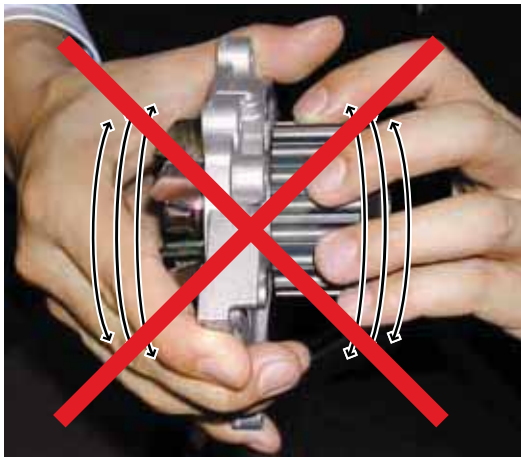
Quality materials are used to withstand heat, vibration and corrosion. Water channel is designed with optimal flow of coolant. Positioning of vapor hole and weep hole are key to prevent excess coolant from bearing and shaft contamination.



# 4 Precautions in Handling

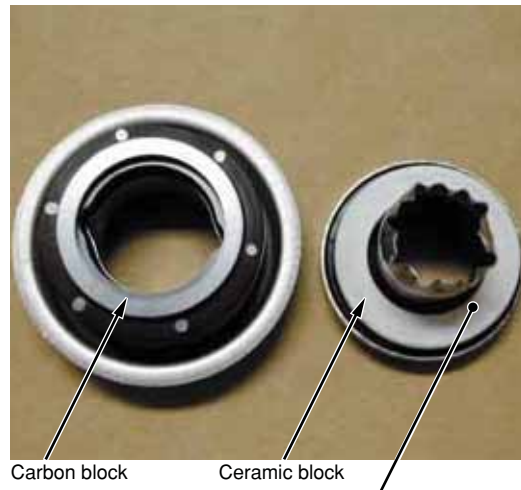
Do not manually turn the pulley before installation of the water pump. In the mechanical seal, the soft carbon block may create residue on the ceramic block, generating abnormal (squealing) noises during operation.

## 1. Do not dry turn the pulley!



**WARNING!**  
Dry turning will damage the mechanical seal. Pre-lubricate before turning.

## 2. Seal Damage Example: Mechanical Seal Inner View



Carbon block

Ceramic block

Dry turning will deposit carbon onto the ceramic block, causing squealing during operation.

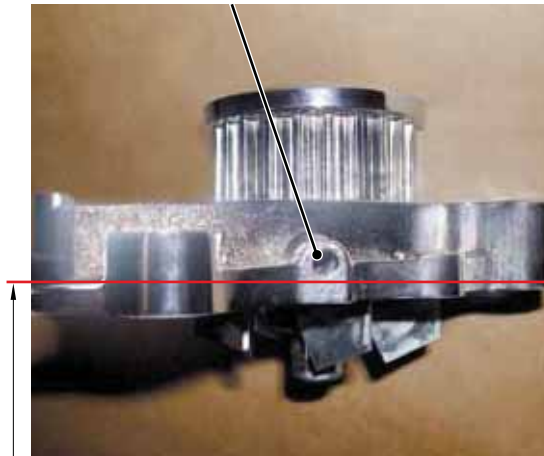
## 3. Pre-lubrication

Submerge the lower part of the pump body and the base of the rotor.



## 4. Water level

Caution: Do not submerge the weep hole or vapor hole in water.



Submerge the water pump body below the red line

### Precautions

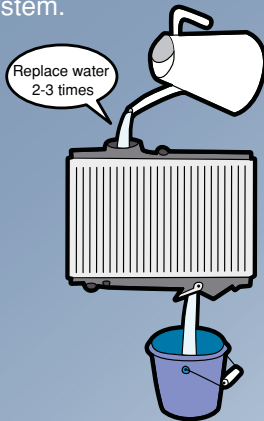
It is recommended that the lower part of the water pump is submerged in water for approximately 3 minutes prior to installation. This is to form a layer of water between the carbon and ceramic blocks in the mechanical seal, and prevent abnormal (squealing) noises from being generated. (Some noise may be heard at initial start-up, but will disappear after engine warm-up.)

# 5

## Installation Procedure

1

Flush the radiator 2-3 times with water while letting the engine idle. This will remove scale, rust deposits and sludge from the coolant system.

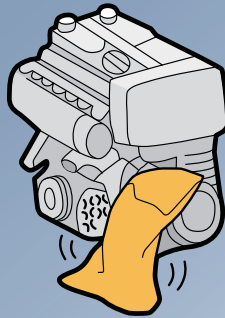


**Why?**

Prevents foreign materials from contaminating the new water pump mechanical seal.

2

After engine is cooled down, drain water from step 1, remove old pump, gaskets and foreign materials left on the mounting surface. Thoroughly clean with non-abrasive solvent.

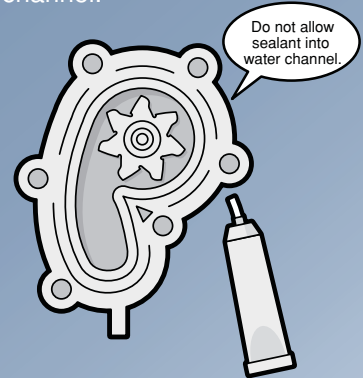


**Why?**

Prevents leakage from the mounting surface.

3

If a sealant is needed, apply an even amount around the pump. Wipe off excess and make sure the sealant(RTV) does not intrude into the water channel.

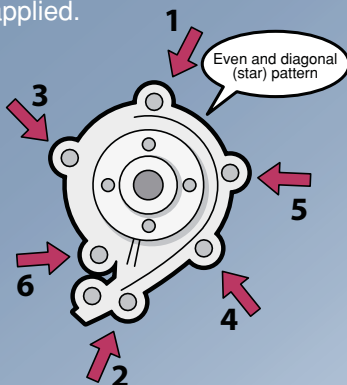


**Why?**

Excess sealant material may damage the mechanical seal, which may cause pump failure.

4

Install the new water pump in a diagonal (star) pattern and apply torque specified by the vehicle manufacturer. Allow sealant(RTV) to cure if applied.

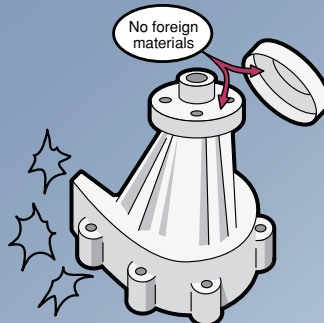


**Why?**

Prevents leakage from the mounting surface.  
Prevents body damage from installation.  
Prevents body fractures caused by belt tension.

5

Confirm that the fan coupling is free of rust and contaminants. After installation, verify run-out tolerances specified by the manufacturer using a dial indicator.

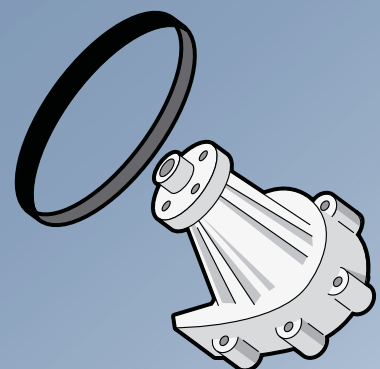


**Why?**

Prevents fractures and damage caused by belt tension.

6

Install the fan belt or timing belt and apply tension specified by the manufacturer.



**Why?**

Prevents fractures and damages caused by belt tension.  
Prevents noise.



**7**

Refill with new coolant (LLC) to the mixture amount and volume specified by the vehicle manufacturer.

**Why?** Insufficient amount or incorrect mixture of coolant (LLC) will cause abnormal wear of the mechanical seal, which will cause coolant leak.

**8**

Bleed the air completely to ensure the engine, pump, radiator and reservoir are filled with the manufacturer specified amount of coolant.

**Why?** Insufficient amount or incorrect mixture of coolant (LLC) will cause abnormal wear of the mechanical seal, which will cause coolant leak. Air bubbles may create additional cavitation which will corrode the rotor.

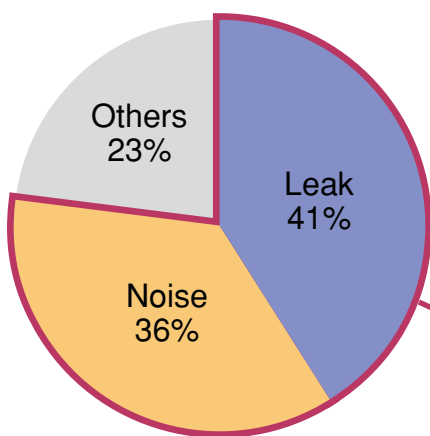
**9**

Reconfirm the amount of coolant(LLC) and belt tension. Start the engine and look for leaks.

**Why?** Prevents coolant leak under normal operation. Prevents damage from installation

**Caution** Failure to follow recommended procedures may cause engine failure and injury.

### Failure Rate by Cause (Customer complaints)



More than 75% of failures are due to complaints related to coolant leaks and noise occurring from the water pump. To prevent most water pump problems from occurring, follow the 4 key steps described in the installation procedures from steps:

- Flush the radiator and coolant system regularly
- Apply vehicle manufacturer specified belt tension
- Re-fill with new coolant (LLC)
- Bleed air completely

- 1. Operation Diagram
- 2. Structure and Components
- 3. AISIN Water Pump Characteristics
- 4. Precautions in Handling
- 5. Installation Procedure
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## 1 Weep Hole Coolant Leak

### Condition

The weep hole protects bearings from corrosion damage by preventing seepage of coolant into the pump body. In normal operation, traces of dried coolant may be visible around the hole. Coolant leak may be occurring if there is fluid around the weep hole or if the reservoir tank reaches low coolant levels within about a month.

### Cause

Contamination and sludge has damaged the mechanical seal, reducing sealing performance.

### Cure

Before installing the new water pump, flush the cooling system 2 - 3 times and let engine idle for about 3 minutes with the old pump to remove any sludge deposit.

Replace the anti-freeze regularly at the specified mixture and fluid level.

Do not use sealants (RTV) when gaskets are supplied.

When sealants are necessary, apply evenly and do not allow excess to enter the water channel.

### ① Coolant degradation



New



38,000 km (23,000 miles) 4 years old

### ATTENTION

Older coolants have higher risks of leakage.  
Always flush the radiator and replace with new coolant.  
Replace coolant regularly.



## ② Fair and Poor, leak from the weep hole

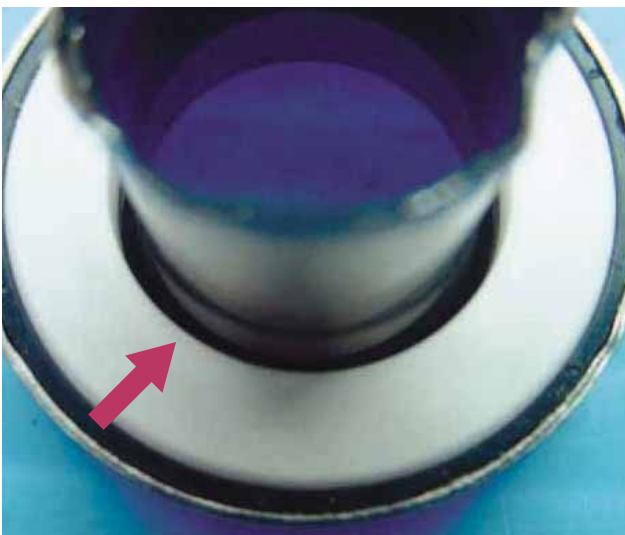


**Normal** Dried coolant residue.



**Damaged** Large coolant bleed mark, dampness or dripping.

## ③ Fair and Poor, mechanical seal ceramic



**Normal** Clean ceramic.



**Damaged** Accumulated sludge (Contaminated coolant).

## 2 Seepage

### Condition

Seepage from the mounting surface  
Fractured/deformed gasket  
Unevenly tightened bolts (one side)

### Cause

**Deterioration of the sealing performance caused by unevenly applied sealant (RTV)**  
Deterioration of the sealing performance caused by the use of adhesives  
Sealants used on the O-ring deteriorated the elasticity of the rubber  
Bolts tightened unevenly  
Contamination (dirt/grime) on mounting surface  
Mounting surface dented caused by mishandling

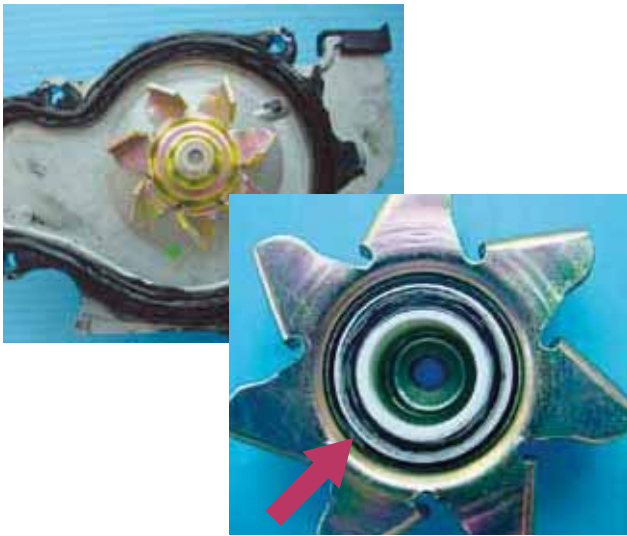
### Cure

Use manufacturer specified sealant  
Do not use sealants when gaskets are supplied  
Do not use adhesives in place of sealants or gaskets  
Install the new water pump in a diagonal (star) pattern and apply torque specified by the vehicle manufacturer  
Clean mounting surface free of contaminants  
Do not re-use old gaskets and previously applied sealant



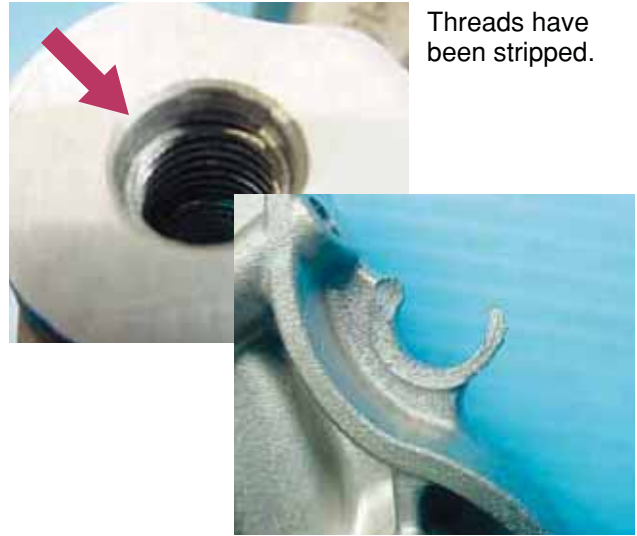


### ① Poor application of sealant



Sealant has interfered with the mechanical seal causing leaks.

### ② Excess torque of the mounting bolt



Threads have been stripped.

Unevenly tightened or over torqued.

### ③ Poor cleaning of the mounting surface



Insufficient accuracy on the mounting surface.

### ④ Sealant used on supplied gasket



Gasket performance has degraded.

## 3 Overheating

### Condition

Corrosion of the impeller  
Fracture of the bearing  
Internal corrosion of the water pump body

### Cause

Old/used coolant  
Coolant deterioration  
Insufficient flushing of the radiator

### Cure

Discontinue use of old coolant  
Fully flush the radiator  
Replace coolant with manufacturer's specified mixture and fluid level

### ① Coolant degradation



Contamination of water pump body

Impeller corrosion

### ② Cavitation



Cavitation

Corrosion around crimp



## 4 Abnormal Noises

### Condition

Rumbling sound heard when manually turning the pulley  
Abnormal wear at the base of the stud bolts  
Scratches and flecks found around the bearing during disassembly  
Contamination of the pulley seat

### Cause

#### Bearing fracture caused by excess belt tension

Bearing was fractured due to excess vibrations caused by misalignment of parts such as the fan coupling pulley  
Uneven torque of bolts resulted in bearing failure  
Contamination of the pulley seat

### Cure

Tighten belt tension to vehicle manufacturer specifications  
If the fan coupling pulley is reused, confirm the run-out with a dial indicator  
Replace fan coupling pulley with new on older vehicles or high mileage engines  
Confirm that the bearing is lubed and free of rust, and replace if necessary

### ① Flecking at the pulley seat



Flecking at the pulley seat



Damage at the stud bolt ends

### ② Flecking at the bearing



Damage due to overload and seepage

Damage due to excess backlash

**5 Other ① Failure arisen from coolant****Condition**

Corrosion of the water pump due to poor flushing of the radiator, lack of regular replacement or reuse of old coolant

**Cause**

Insufficient flushing of the radiator  
Coolant was not replaced or had been reused  
Incorrect coolant mixture or fluid level

**Cure**

Fully flush the radiator  
Replace with new coolant when changing the water pump  
Use correct coolant mixture  
Fill system to the correct fluid level  
Bleed cooling system of air



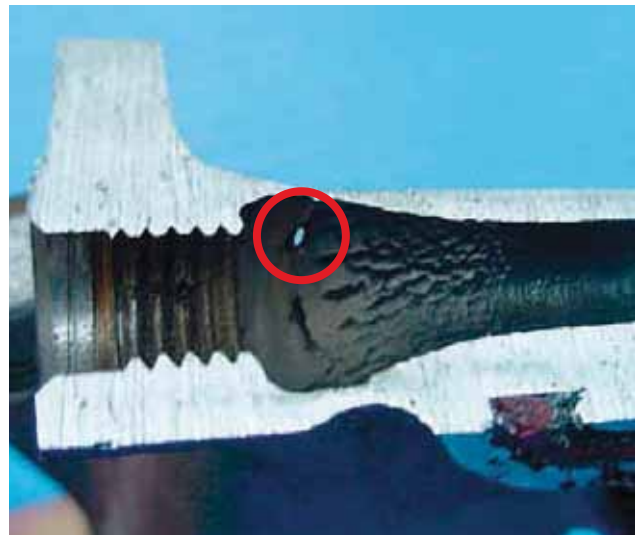
## Coolant

When replacing the water pump, flush the coolant system 2 to 3 times to wash out sludge, scale and rust deposits. Replace coolant to the manufacturer's specified mixture and fluid level. Re-using or using degraded coolant will corrode the body, impeller, and mechanical seals.

### ① Severely corroded impeller



### ② Fracture caused by cavitation



## Corrosion of impeller

No corrosion can be seen on the impeller when the coolant is clean.



Mileage: 48,000 km (30,000 miles)  
Period: Approximately 1.6 years  
Total mileage: 149,000 km (92,500 miles)

Corrosion can be seen on the impeller when the coolant is degraded (contaminated / deteriorated).



Mileage: 7,500 km (4,700 miles)  
Period: Approximately 1 year  
Total mileage: 105,000 km (65,000 miles)

## ② Trouble caused by incorrectly installed or damaged fan coupling

### Condition

Fracture of the water pump body  
Fracture of the water pump bearing

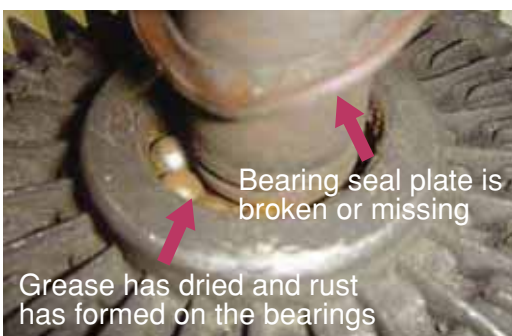
### Cause

**Damaged fan coupling was reused**  
Fan coupling was not installed correctly (off-centered)

### Cure

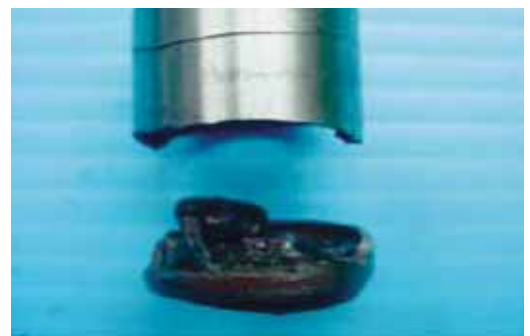
Install new fan coupling when replacing water pump  
If fan coupling is reused, ensure that:  
there is no binding or play in the bearing  
the components are free of rust and debris  
check for run-out with a dial indicator

### ① Enlarged view of a fan coupling



If usage is continued

### ② Fractured bearing



### ③ Fractured body





Water Pump Failures

Leakage

Location	Symptom	Cause
Weep hole	Foreign material caught in the mechanical seal	Rusting caused by coolant degradation Excess sealant (RTV) entered the water pump cavity
	Rough surface of the mechanical seal	Rust caused by coolant degradation Insufficient cleaning of the radiator
	Burned mechanical seal	Engine started without coolant
	Fracture	Excessive pulley tension
Mounting surface	Contamination (dirt/grime)	Insufficient removal of the sludge on the engine mounted surface
	Installation error	Damage/deformation of the mounting surface Sealant (RTV) applied unevenly Bolts tightened unevenly
	Fractured/deformed gasket	Gasket damaged in shipping Bolts tightened unevenly or an impact wrench was used
Body fracture	Cavitation	Coolant degradation Insufficient air bleeding Insufficient flushing of the radiator
	Blowhole	Cast failure
	Mounting screw fracture	Bolts were tightened excessively

1. Operation Diagram

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## Water Pump Failures

## Abnormal noise

Location	Symptom	Cause
Bearing	Noise: Rumbling Locked bearing	<b>Bearing fracture caused by excess belt tension</b> Bearing fracture caused by excess vibration of the fan coupling pulley
Mechanical seal	Noise: Whining	Dry turning of the pulley caused carbon residue to form on the ceramic block Engine started without coolant
Pulley	Noise: Squeak	Slipping belt (insufficient belt tension)

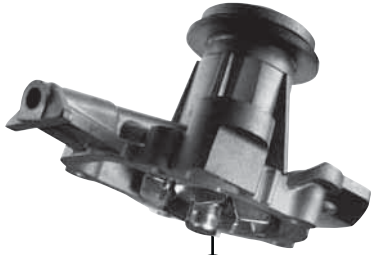
## Water Pump Failures

## Others

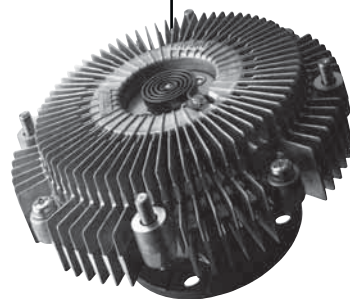
Location	Symptom	Cause
Impeller crimp	Damaged crimp	<b>Corrosion caused by coolant degradation</b> Insufficient flushing of the radiator
Impeller corrosion	Impeller wear/corrosion	<b>Corrosion caused by coolant degradation</b> Insufficient flushing of the radiator
Run-out of the pulley bearing	Pressure Leak	<b>Excessive run-out of the fan coupling pulley</b> Contamination (dirt/grime) on the mounting surface Sealant (RTV) applied unevenly











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




				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

ASIA							
HI-TOPIC	1994.02	.	AM715-SS	2700	.	D	WPZ-928*
ROCSTA	1991.10	.	JF8	1789	.	G	WPZ-014*
	1990.02	.	R2	2184	.	D	WPZ-014*

COOLING SYSTEM  
ASIA

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

## CHEVROLET/DAEWOO

AVEO	2008.04	.	.	1206	hatchback	G	WO-001*
	2008.04	.	.	1399	hatchback	G	WO-006*
CAPTIVA	2006.06	.	Z24SED	2405	2WD + 4WD	G	WO-011*
	2006.06	.	10HM	3195	6cyl	G	WO-013*
ESPERO	1993.09	1996.08	A15MF	1498	N1411	G	WO-002
	1996.08	.	A15MF	1498	N1411	G	WO-002
	1993.09	1995.10	C18LE	1796	.	G	WO-003
	1995.11	.	C18LE	1796	.	G	WO-005*
	1993.09	1995.10	C20LE	1998	N2431	G	WO-003
	1995.11	.	C20LE	1998	N2431	G	WO-005*
EVANDA	2003	.	T20SED	1998	KLAL	G	WO-002
KALOS	2002.08	.	B12S1	1150	KLAS	G	WPO-003*
	2003.04	.	F14D3	1399	SF48A1 16V	G	WO-006
	2002.09	.	F14S3	1399	SF48A1	G	WO-001
LACETTI	2004.02	.	F14D3	1399	KLAN	G	WO-006
	2004.02	.	F16D3	1598	KLAN	G	WO-006
	2004.02	.	T18SED	1799	KLAN	G	WO-011
LANOS	1996	2000	A13SM	1349	TFC	G	WO-001
	1996	2000	A15SMS	1498	TF, TA48Y	G	WO-001
	1997.05	2004.03	16DMS	1598	TA, TF6	G	WO-002
	1997.05	2004.03	16DMS	1598	TA, TF6	G	WO-002
LEGANZA	1997.09	1998.12	DTEC18	1796	.	G	WO-011
	1997.06	1998.12	X20SED	1998	VA, VF69	G	WO-011
	1999.04	2002.12	T22SED	2198	A69, F69	G	WO-011
MATIZ	2005.03	.	F8CV	796	M200, KLAk	G	WO-012*
	1998.08	2005.03	FC8V	796	KLYA, Y4A11, M100	G	WO-012
	2002	.	B10S	995	KLYA	G	WO-012
	2005.03	.	B10S	995	M200	G	WO-012*
NEXIA	1995.03	1996.08	A15MF	1498	311, 511, 411 16V	G	WO-002
	1996.08	.	A15MF	1498	311, 511, 411 16V	G	WO-002
	1995.03	1996.08	G15MF	1498	322, 522, 422 8V	G	WO-004
	1996.08	.	G15MF	1498	322, 522, 422 8V	G	WO-004
NUBIRA	1997.06	2004.09	16DMS	1598	JF/JA	G	WO-006
	1997.09	2004.09	16DMS	1598	for Poland	G	WO-006
	2003	.	F16D3	1598	KLAN	G	WO-006
	2003	.	T18SED	1799	KLAN J200	G	WO-011
	2005.03	.	T18SED	1799	.	G	WO-006*
	1997.09	.	X20S	1998	8V	G	WO-011
	1997.06	.	X20SED	1998	JF/JA 16V	G	WO-011
TACUMA	2000.04	.	A16DMS	1596	KLAU	G	WO-006
	2000.04	.	F18S2	1761	KLAU	G	WO-007
	2000.04	.	X20SED	1998	KLAU	G	WO-011
TICO	1991.05	.	F8C	796	KLY3	G	WO-012

COOLING SYSTEM

CHEVROLET/  
DAEWOO

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

# CHRYSLER

VOYAGER	1995.01	2001.03	425CLIRS/X	2499	GS T MPV	D	WPA-001
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COOLING SYSTEM

CHRYSLER

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

## CITROEN

BERLINGO	1997.05	.	XUD7	1761	MF	G	WPPG-002V*
BX	1987.01	1989.06	171D	1580	XB	G	WPPG-002V*
	1986.03	1993.02	180Z	1580	XB	G	WPPG-002V*
	1987.01	1993.02	B1E	1580	.	G	WPPG-002V*
	2005.02	.	1KR-FE	998	KGB10	G	WPT-912A*
C1	2005.02	.	2WZTV	1398	WNB10 D4D	D	WPT-917*
	1988.07	1996.12	TU1	1124	VD	G	WPPG-001V*
C2	2003.09	.	8HX	1398	.	D	WPT-917*
	2003.09	2004.08	DV4TD	1398	.	D	WPT-917*
C3	2002.02	.	8HX	1398	.	D	WPT-917*
	2002.02	2004.08	DV4TD	1398	.	D	WPT-917*
C4	2004.11	.	NFU	1587	HDI 16V	D	WPZ-930*
JUMPER	2001.11	.	.	1997	.	D	WPS-910*
JUMPY	1998.04	2005.11	WJZ	1868	U6U	D	WPS-910*
XANTIA	1993.03	1998.01	XU7JP/XU7JP4	1761	X1	G	WPPG-002V*
	1994.06	1997.09	D9B (XUD9A/L)	1905	X1	D	WPPG-002V*
XSARA	2004.05	2006	DV6TED	1560	HDI 16V 80 Kw	D	WPZ-930*
	1997.07	2000.09	XU7JB/XU7JP4	1761	N1	G	WPPG-002V*
ZX	1994.07	1997.10	XU5JP	1580	N2	G	WPPG-002V*

COOLING SYSTEM

CITROEN

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

# DACIA

LOGAN	2005.09	.	K9K790	1461	dCi	D	WE-RE02A*
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COOLING SYSTEM

DACIA

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

# DAEWOO (see CHEVROLET)

COOLING SYSTEM

DAEWOO  
(see CHEVROLET)



				<b>CCM</b>	<b>BODY</b>		<b>SPECIFICATION</b>	 WP
								 FC
								 PL Fan








\* New Product

## DAIHATSU

APPLAUSE	1989.06	1990.09	HDC/HDE	1589	A101 to chassis 623399	G	WD-002
	1990.09	1995.10	HDC/HDE	1589	A101 frm chassis 628399	G	WPD-021
	1989.06	1994.04	HDE	1589	A111 4WD	G	WD-002
CHARADE	1977.11	1983.01	CB	993	G10	G	WPD-015
	1983.01	1987.12	CB	993	G11	G	WPD-009
	1986.12	1993.01	CB23	993	G100	G	WPD-007
	1983.01	1986.12	CB50	993	G11 T	G	WPD-013
	1986.12	1993.01	CB50	993	G100 T	G	WPD-007
	1986.12	1993.01	CB70	993	G100 GTI T	G	WPD-013
	1983.01	1987.12	CL	993	G30	D	WPD-009
	1983.01	1986.12	CL	993	G30 T	D	WPD-009
	1986.12	1993.01	CL30	993	G101	D	WPD-009
	1986.12	1993.01	CL70	993	G101 T	D	WPD-009
	1988.01	1993.01	HC	1295	G112 16V 4WD	G	WD-002
	1988.01	1993.01	HCD/E	1295	G102S, G112S	G	WD-002
	1993.01	2000.09	HCE	1296	G200	G	WD-002
	1993.07	2000.03	HE-G	1499	G203S, G213S	G	WPD-905
	1993.07	1996.12	HD-E	1589	G201 GTI	G	WD-002
CHARMANT	1978.03	1983.08	4K	1290	A30, A35	G	WPT-031
	1983.08	1987.07	4K	1290	A30, A35	G	WPT-031
	1977.08	1980.08	T	1407	A20	G	WPT-085
	1983.08	1986.04	4A	1587	A60, A65	G	WPT-072
	1978.03	1980.08	2T	1588	A40, A45	G	WPT-049 FC: VT-804
	1980.08	1983.08	2T	1588	A40, A45	G	WPT-049 FC: VT-804
	1983.08	1984.09	2T	1588	A40, A45	G	WPT-085
COPEN	2003.03	.	JB	659	L880K	G	WPD-026
	2006.03	.	K3-VE	1298		G	WPT-117*
CUORE	1977.08	1983.05	AB	547	L55, L55V	G	WPD-014
	1983.05	1985.08	AB	547	L55, L55V	G	WPD-014
	1981.09	1985.08	AD	671	L60	G	WPD-014
	1985.09	1990	ED10	846	L80 see DOMINO	G	WPD-002
	1985.08	1990	EB	989	L70	G	WPD-002
	1998.10	2003.05	EJDE	989	L701	G	WPD-023
	2002.08	2004.10	EJVE	1000	L701S	G	WPD-023
	2002.08	2004.10	EJVE	1000	L711S	G	WPD-023
DOMINO	1985.09	1990.	ED	846	L80	G	WPD-002
	1985.09	1990	ED	846	L81 4WD	G	WPD-002
	1990.08	1994.12	ED	846	L201	G	WPD-002
	1995.01	1996	ED20	846	L501	G	WPD-002
FEROZA 4X4	1988.01	1990.08	HDC/E	1589	F300/F310	G	WPD-021 FC: FCD-001*
	1990.09	1997.12	HDC/E	1589	F300/F310	G	WPD-021 FC: FCD-003*
GRAN MOVE	1996.08	1998	HE-E	1499	G303	G	WD-002
	1998.07	.	HD	1589	G301	G	WD-002
MATERIA	2006.10	.	K3-VE	1298	M400	G	WPT-117*
	2006.10	.	3SZ-VE	1495	M402	G	WPD-904*
MINIVAN	1978.09	1986.05	AB	547	S65	G	WPD-010
	1983.12	1989.04	CB	993	S75, S76, S85, S86	G	WPD-007
	1992.12	1994.07	CB41	993	S85	G	WPD-009
	1994.08	.	CB42	993	S85	G	WPD-009
MOVE	1995.08	1998.11	EF	660	LS600S, LS610S	G	WPD-023
	1995	.	ED20	847	L	G	WPD-001
ROCKY	1984.04	1993.04	3Y	1998	F80, F85	G	WPT-016 FC: FCT-037*
	1991.09	.	4Y	2237	F95, F98	G	WPT-016
	1984.04	1988.12	DL	2765	F70, F75	D	WPD-903
	1987.09	1990.11	DL	2765	F70, F71, F75, F76 T	D	WPD-012
	1988.12	1989.10	DL	2765	F70, F75	D	WPD-903
	1989.11	1993.04	DL	2765	F70, F75	D	WPD-903
	1990.11	1993.04	DL	2765	F70, 71, 75, 76, 77, 78 T	D	WPD-012
SIRION	1993.05	1997.08	DL51	2765	F73, F78 TDIC	D	WPD-012
	1998.04	2000.09	EJ-DE	989	M100	G	WPD-023
	2000.09	2005.01	EJ-VE	989	M1	G	WPD-023

COOLING SYSTEM

DAIHATSU

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

## DAIHATSU

SIRION	2000.10	2005.01	K3FE	1298	M101	G	WPD-904*
	2005.01	.	K3-VE	1298	M3##	G	WPT-117
TAFT 4X4	1976.09	1981.10	12R	1587	F20, F25	G	WPT-077
	1978.08	1981.10	DG	2530	F50, F55	D	WPD-902
TERIOS	1997.03	2000.05	HC-E	1296	J100G	G	WPD-021
	2000.10	2001.12	K3-VE	1298	J102G, J122G	G	WPT-117
	2001.12	.	K3-VE	1298	J102G, J122G	G	WPT-117*
	2005.11	.	3SZ-VE	1495	J200/210	G	WPT-117*
VALERA	1993.03	1996	HE-G	1499	G203	G	WPD-905
YRV	2000.02	.	EJ-VE	989	M200	G	WPD-023
	2000.02	.	K3-VE	1297	M201, M211	G	WPD-023

COOLING SYSTEM

DAIHATSU

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

## FIAT

127	1977.04	1984	.	903	100GL.000, 100GL.048	G	WE-FI03*
	1977.04	1982.04	.	1049	127A.000, 127A1.000	G	WE-FI02*
131	1978	1981	.	1297	SUPER MIRAFIORI	G	WE-FI01*
	1981.03	1983.12	.	1367	SUPER MIRAFIORI	G	WE-FI01*
SCUDO	1998.04	2005.07	WJZ	1868	220L, 220P	D	WPS-910*
SEDICI	2006	.	.	1586	.	G	WPS-907*
	2006	.	D19AA	1910	.	D	WPS-909*

COOLING SYSTEM









FIAT

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

## FORD

COURIER	1996.09	1999.08	J4C	1299	.	G	WPZ-911
	1999.10	.	J4C	1299	.	G	WPZ-911
	1991.05	1995.08	RT	1753	.	D	WPZ-913
ESCORT	1980.09	1983.08	GLB/GMA	1117	AVA, AWA	G	WE-F001*
ESCORT 86	1986.05	1990.07	GSG	1117	AVF	G	WE-F001*
ESCORT EXPRESS	1990.06	1995.01	RTH	1753	AVL	D	WPZ-913
ESCORT III	1980.08	1990.07	.	1117	OHV/HCS 37/40Kw	G	WE-F002*
	1983.08	1985.12	GSE	1117	AWA	G	WE-F001*
	1981.03	1985.12	JPA	1296	GAA/AVA/AWA/ALD	G	WE-F002*
	1980.08	1990.07	.	1300	OHV/HCS/CVH 51Kw	G	WE-F002*
ESCORT IV	1985.12	1990.07	GSG	1117	GAF, AWF, ABFT	G	WE-F001*
	1985.12	1990.07	GSG	1117	OHV/HCS 37Kw	G	WE-F002*
	1986.01	1990.08	JBB/JLA/JLB	1297	OHV/HCS 44Kw	G	WE-F001*
	1986.01	1990.07	F6B/D/FUC	1392	GAF, AWF, ABFT, AVF	G	WE-F003*
	1986.01	1990.07	FUA	1392	GAF, AWF, ABFT, AVF, ALF	G	WE-F003*
	1986.01	1990.07	FUC/F6B/F6D/FUA	1392	OHV/CVH 54/55Kw	G	WE-F003*
	1989.08	1990.07	LJB	1597	GAF, AWF, ABFT, ALF, AVF	G	WE-F003*
	1986.01	1990.05	L4B, LR2, LRB	1598	GAF, AWF, ABFT, ALF, AVF	G	WE-F003*
	1989.04	1990.07	LUG	1598	GAF, AWF, ABFT	G	WE-F003*
	1989.01	1990.07	RTA/B	1753	GAF, AWF, ABFT, AVF	D	WPZ-913
ESCORT V	1990.07	1992.09	F6F/G	1392	GAL, ALL	G	WE-F003*
	1990.07	1992.12	LJF, LUJ, LUK	1598	GAL, ALL, AVL	G	WE-F003*
ESCORT VII	1995.01	1998.10	F4B	1391	GAL, AAL, ABL, AFL, ANL	G	WE-F003*
EXPLORER	1991	1998		3958		G	WPZ-929*
	1998			4011		G	WPZ-929*
FIESTA	1983.01	1988.12	JPC	1296	FBD / 48/49Kw	G	WE-F002*
	1977.08	1983.08	J3E	1297	GFBT / 48/49Kw	G	WE-F001*
	1989.03	1995.12	F4A	1391	.	G	WE-F003*
	2003.10	.	.	1560	.	G	WPZ-912
	2000.02	2002.06	L1T/L1V	1596	JA/JB	G	WPZ-912
	1981.08	1983.08	L3E	1599	GFBT	G	WE-F001*
	2003.10	.	.	1800	.	G	WPZ-926*
FIESTA 96	1995.08	2001.02	DHA	1242	.	G	WPZ-912
	1999.09	2002.03	DHA	1242	.	G	WPZ-912
	1995.08	2001.02	J4C	1299	.	G	WPZ-911
	1999.09	2002.03	J4C	1299	.	G	WPZ-911
	1995.08	2001.02	FHA	1388	.	G	WPZ-912
	1999.09	2002.03	FHA	1388	.	G	WPZ-912
	1995.08	2001.02	RTJ/K	1753	.	D	WPZ-913
	1999.08	2002.03	RTJ/K	1753	.	D	WPZ-913
FIESTA COURIER	1991.09	1996.02	RTC/D/G	1753	FV, GFJ, F3L, F5L	D	WPZ-913
FIESTA II	1983.09	1989.02	TKB	957	FBD	G	WE-F001*
	1986.05	1989.02	GSH/GLC/GSF	1117	FBD	G	WE-F001*
FIESTA III	1989.03	1995.12	FUG/J, F6E, F4A	1391	GFJ	G	WE-F003*
FIESTA V	2001.11	2005.08	F6JA/B	1399	JH_/JD_ Tdci	D	WPT-917*
FOCUS	2003	.	DW6TD	1596	Kw 80	D	WPZ-930*
FUSION	2002.08	2005.08	F6JA/B	1399	JU Tdci	D	WPT-917*
MAVERICK	1993.02	1996.08	BF	2389	KBUF	D	WPN-067
	1996.09	1998.04	BF	2389	.	G	WPN-067
	1993.02	1996.04	VP	2663	KVUF, TVUF T	D	WPN-002
	1996.06	1998.04	VPI	2663	MFD TDI	D	WPN-904
ORION I	1983.07	1986.03	JPA	1296	AFD	G	WE-F002*
	1983.07	1986.03	LP1/A, LR1/A	1597	AFD	G	WE-F002*
ORION II	1985.12	1990.07	JBB/JLA/JLB	1297	AFF	G	WE-F001*
	1986.01	1990.07	FUC	1392	AFF	G	WE-F003*
	1986.03	1990.07	L4B	1597	AFF	G	WE-F003*
	1986.03	1990.07	LRB	1597	AFF	G	WE-F003*
ORION III	1990.07	1993.12	F6F/G	1391	GAL	G	WE-F003*
	1992.07	1993.07	L1E/K	1597	GAL	G	WE-F003*
PROBE	1993	1998	FS	1991	T20A16V	G	WZ-003*
	1992.09	1998	KL	2497	T20BIZVTB V6	G	WPZ-904
RANGER	1999.10	.	WL-T	2499	.	D	WPZ-906

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan







\* New Product

# FORKLIFT

FORKLIFT	1979	.	D11	1138	FG/NFG101C, 102C, 103C	.	WN-075*
	1979	.	D11	1138	FG10N3, FG14N3, FG15N3, FVG10/12	.	WN-075*
	.	1981.03	3P	1345	FG7	.	WPT-103A
	.	.	5K	1486	FG10-8, FG11-8, FG12-8, FG13-8, FG14-8, FG15-8, FG16-8, FG17-8, FG18-8	G	WPN-7125
	1986.02	.	A15	1487	NH01M18, H01M18	G	WPN-074
	.	.	4P	1493	4FG10, 14, 15	.	WPT-103A
	1972.07	.	4P	1493	3FG10, 14, 15	.	WPN-7103
	1972.09	.	4P	1493	2FG20/25, 3FG20/25	.	WPT-103A
	1983.06	.	4P	1493	4FG20, 25	.	WPT-103A
	.	.	SD15	1493	NSF01 M10/14/15	D	WN-053
	1986.02	.	SD15	1493	NVH/VH01M10/14/15/18	D	WN-053
	.	.	2R	1500	FG20, 2FG20	.	WT-028
	.	.	2R	1500	FG20, 2FG20 fr chss nr 10963	.	WT-029
	.	.	4G32	1597	2FG20	G	WP-8730
	.	.	H20	1982	FG20T, W, FG25C/T/W/KC/KT	G	WPN-007
	1986.02	.	H20	1982	FG004C, FG005C	G	WPN-022
	.	.	5R	1994	2FG15	G	WPT-084
	.	.	5R	1994	40-3FG10-40, 40-2FG20-25, FG30	G	WPT-084
	.	.	5R	1994	40-4FG-15, 18, 20, 25	G	WPT-084
	.	.	4G52	1995	FG20	.	WPM-909
	.	.	C240	2369	SD10, SD12, FD15/18/20 /20Z5/23/25Z4/28/30Z5, FCD15/18/20/23/28/30, FVD20/23/25/28/30	.	WPG-017
	.	.	C240	2369	STD10/15, WTD15	.	WPG-913*
	.	.	4G53	2384	FG28, FG30	G	WPM-909
	.	.	Z24	2389	H02	G	WPN-022
	1972.09	.	2J	2481	2FD, 3FD10/14/15/18/20/25/30	D	WPT-505
	1983.06	.	2J	2481	4FD20, 4FD25	G	WPT-505
	.	.	5P	2500	3FG25, FG28	.	WPT-507
	.	.	4G54	2555	FG28, FG30	G	WPM-909
	.	.	TD27	2663	J01	D	WPN-915*
	.	.	SD33	3246	F03, F05	D	WPN-026
	.	.	4BC2	3300	FHD20Z, FHD25Z, FHD30Z	.	WPG-006
	.	.	H	3576	FD32, 35, 40	D	WT-615*
	1969.03	.	H	3576	FD32, 35, 40	D	WT-615*
	.	.	F	3878	FG32, 35, 40	D	WT-089*
	.	.	S6E	3900	FD35, 38, 40	.	WPM-914*
	.	.	S6E-2	3900	FD50, 60, 70	.	WPM-915*
	.	.	DA220	4100	FD35, FD50, FD60 chss nr E#636265	.	WPW-900
	.	.	TB42	4169	F03	G	WPN-038
	.	.	TD42	4169	F05	D	WPN-025
	.	.	D500	5000	STD30/35B/45/45B	.	WPG-908*
	.	.	6BB1	5400	FD50, FD60, FD70	.	WPG-908*
	.	.	6BD1	5800	FD80, 50BZ2, 50BZ3, 75-3A	.	WPG-908*
	.	.	DA120	6100	FD100, 150	.	WPW-901
	.	.	2D	6494	3FD50, 3FD60	D	WPT-921*
	.	.	2D	6494	FD100, FD150	D	WT-109*
.	.	PD6	10308	75AN-3, 75B, 125-3N, 125BN, 180B, 180S	D	WPN-917*	
.	.	4G31		FG20	.	WP-8730	
.	.	4G41		2FG14, 15	.	WP-8730	
.	.	6DR51		FD40	.	WPM-916*	
MITSUBISHI	.	.	4G33	1439	FG10, 14, 15, 18	G	WPM-006
.	.	.	4G32	1597	2FG20	G	WP-8730
.	.	.	S4E	2600	FD20, 23, 25, 28, 30 chss nr E#42080-	.	WPM-907
.	.	.	S4E	2600	FD20, 23, 25, 28, 30 chss nr E#5213-	.	WPM-914*

COOLING SYSTEM

FORKLIFT

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

## FORKLIFT

MITSUBISHI	.	.	S3L		.	.	WPM-036*
	.	.	S4L		.	.	WPM-036*
NISSAN	1979	.	J15	1483	F/NF01 M10, 14, 15	G	WPN-036
	1980	.	J15	1483	FVG10, FVG14N4, FG15N2	G	WPN-036
	.	.	SD22	2164	QF01A10	D	WN-053
	.	.	SD25	2488	EF02A20/M20	D	WN-053
	.	.	P40	3956	F03	G	WPN-041
TOYOTA	.	1972.06	3P	1345	FG10, 14, 15/2FG10, 14, 15	.	WPT-103A
	.	.	1Z	2953	5FD20, 23, 25, 28, 30	D	WPT-501
	.	.	11Z		.	G	WPT-501
	.	.	2Z		.	G	WPT-501

COOLING SYSTEM

FORKLIFT

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

HINO							
HVseries	1978.08	.	B	2977	HV10/11/12/13/15/17/18	D	WPT-019
	1984.09	.	13B	3431	HV75/6/8/9, 98/9 fr chss 18001	D	WPT-054
	1984.09	.	13B	3431	HV75/6/8/9, 98/9 to chss 18000	D	WPT-054
	1983.03	1984.08	3B	3432	HV40/42/47/48	D	WPT-019
	1988.08	1995.05	14B	3600	HV115/119	D	WPT-047

COOLING SYSTEM  
HINO



CCM

BODY



SPECIFICATION



WP



FC











PL Fan

\* New Product

# HONDA

ACCORD	1998.10	2002.12	D16B6	1590	CG	G	WPH-011A*	
	1983.06	1985.06	EY	1598	AC	G	WPH-012	
	1976.05	1980.06	EF	1599	SJ100, SJ120	G	WPH-022	
	1981.09	1983.05	EP, EL	1602	SY fr E/G nr 1200001	G	WPH-017	
	1981.09	1983.05	EP, EL	1602	SY to E/G nr 1200000	G	WPH-017	
	1981.09	1983.05	EK	1751	SZ	G	WPH-017	
	1985.06	1989.07	18A	1829	CA1-100/06/10/20, CA2-100/06/10/20	G	WPH-003	
	1989.08	1993.10	F18A	1849	CB1-100, CB2-100	G	WPH-001	
	1996.05	1998.01	F18Z1	1850	CE7	G	WPH-001	
	1985.01	1989.10	A20A	1955	CA5, CA6 series	G	WPH-003	
	1988.04	1990.04	A20A3	1955	CA5, CA6 series	G	WPH-003	
	1985.06	1989.10	B20A2	1958	CA3-100/06/20/30, CA5	G	WPH-023	
	1989.01	1990	B20A2	1958	CA5	G	WPH-003	
	1988	1988	B20A8	1958	CA3-100/06/20/30, CA5	G	WPH-023	
	1989	1989	B20A8	1958	CA3-100/06/20/30, CA5	G	WPH-023	
	1996.05	1998.10	20T2N	1994	CF1 TDI	D	WPH-902	
	1989.08	1992	F20A2/4	1997	CB3-100, CB4-100	G	WPH-001	
	1993.01	1996	F20Z1	1997	CC7	G	WPH-001	
	1996.05	1998.01	F20Z1	1997	CE8	G	WPH-001	
	1992.01	1997	G20A	1997	CC3	G	WPH-004	
	2002.10	.	K20A6	1998	CL7	G	WPH-910	
	1992.01	1994.02	F22A	2156	CB7	G	WPH-001	
	1990	1992	F22A3	2156	CB7, CB9	G	WPH-020	
	1993.09	1998.02	H22A	2156	CD6	G	WPH-020	
	1996.05	1997.11	H22A2	2156	CE9	G	WPH-001	
	2004.01	.	N22A1	2204	CL CDTi	D	WPH-053*	
	1993.01	1996.02	H23A3	2259	CC7	G	WPH-018	
	2003.07	2004.10	K24A3	2354	CL9	G	WPH-910	
	ACCORD AERODECK	1985.01	1989	A20A	1955	CA5, CA6 series	G	WPH-023
		1985.01	1989	A20A3	1955	CA5, CA6 series	G	WPH-003
1985.06		1987	B20A2	1958	CA3-100/06/20/30, CA5	G	WPH-003	
1988		1988	B20A8	1958	CA3-100/06/20/30, CA5	G	WPH-003	
1989		1989	B20A8	1958	CA3-100/06/20/30, CA5	G	WPH-003	
1994.06		1998.02	F20B3	1997	CE2	G	WPH-001	
1991.01		1994.07	F20Z3	1997	CC9	G	WPH-001*	
1990		1994.07	F22A6/7/8	2156	CB8, CB9	G	WPH-001	
1994.06	1997.10	F22B5	2156	CE1	G	WPH-001		
ACCORD COUPE	1992.01	1993.09	F20A7	1997	CC1	G	WPH-001	
	1994.06	1997.12	F20B3	1997	CD9	G	WPH-001	
	1994.06	1997.12	F22B5	2156	CD7	G	WPH-001	
ACCORD type R	1999.01	2002.12	H22A7	2157	CF VTEC	G	WPH-020*	
ACTY	1977.07	1988.12	EH	545	TA, VD, TC, VH	G	WPH-026	
BALLADE	1983.09	1987.10	EV	1342	AG, AJ	G	WPH-014	
	1983.09	1987.10	EW	1488	AH, AK	G	WPH-014	
CIVIC	1972.07	1975.07	EB1	1169	SB1	G	WH-008	
	1983.09	1987.10	ZA2	1187	AF, AL	G	WPH-021	
	1975.08	1978.05	EE	1238	SC, SF	G	WPH-026	
	1978.06	1979.06	EJ	1335	SK, SP	G	WPH-029	
	1979.07	1983.09	EJ	1335	SL, SS, VE	G	WPH-021	
	1983.09	1987.10	EV	1342	AG, AJ	G	WPH-014	
	1987.10	1988.07	D13B	1343	EF1-100	G	WPH-002	
	1988.01	1991.12	D13B	1343	EC8	G	WPH-002	
	1988.07	1989.08	D13B	1343	EF1-110	G	WPH-002	
	1991.09	1995.08	D13B	1343	EG3, EG7	G	WPH-002	
	1995.08	2000.09	D13B	1343	EK2 3 doors	G	WPH-011A*	
	2001.02	.	.	1396	EU, EP fr chss nr 1000001 to 2000000	G	WPH-051V*	
	2001.02	.	.	1396	EU, EP fr chss nr 2000001	G	WPH-044	
	2001.02	.	.	1396	EU, EP to chss nr 1000000	G	WPH-044	
	1987.10	1988.12	D14	1396	EC9 to chss nr 100000	G	WPH-002	
	1987.10	1988.12	D14	1396	ED2 to chss nr 100000	G	WPH-002	
1989.01	1991	D14	1396	EC9 chss nr 100001 to 200000	G	WPH-002		
1989.01	1991	D14	1396	ED2 chss nr 100001 to 200000	G	WPH-002		



				<b>CCM</b>	<b>BODY</b>		<b>SPECIFICATION</b>	 WP
								 FC
								 PL Fan

\* New Product

# HONDA

CIVIC	1991	1995	D14	1396	EC9 fr chss nr 200001	G	WPH-002	
	1991	1991.12	D14	1396	ED2 fr. chss nr 200001	G	WPH-002	
	1996.01	1997.12	D14A2	1396	EJ9 3 doors	G	WPH-002	
	1997.12	.	D14A2	1396	EJ9 3 doors	G	WPH-002	
	1995.03	1998.10	D14A3	1396	MA8 5 doors	G	WPH-002	
	1995.11	1997.12	D14A3/D14A4	1396	EJ9 3 doors	G	WPH-002	
	1997.12	2001.03	D14A3/D14A4	1396	EJ9 3 doors	G	WPH-002	
	2002.01	.	D14Z6	1400	EP1	G	WPH-051V*	
	1973.12	1979.11	EC, ED	1488	SE, SB, SH, SG	G	WPH-029	
	1983.09	1987.10	EW	1488	AK, AH, AF100/110, AK	G	WPH-014	
	1987.06	1988.08	D15	1493	EF4-100 4WD	G	WPH-002	
	1988.08	1991	D15	1493	EF4-110 4WD	G	WPH-002	
	1987.06	1988.08	D15B	1493	EF2-100/300/500	G	WPH-002	
	1988.08	1991.08	D15B	1493	EF2-110/310/510	G	WPH-002	
	1989.08	1991.08	D15B	1493	EF2-120/130/320 /520/530 TC	G	WPH-002	
	1991.09	1995.12	D15B2	1493	EG4, EG8	G	WPH-002	
	1991.09	1995.12	D15Z1	1493	EG4 VTEC	G	WPH-002	
	1995.03	1996.12	D15Z3	1493	MA9 5 doors VTEC-E	G	WPH-006	
	1996.01	2001	D15Z6	1493	EK3 VTEC	G	WPH-011A*	
	1989.10	1991	B16A1	1590	ED/EE 110 Kw VTEC	G	WPH-008	
	1987.11	1991.11	D16A6	1590	ED	G	WPH-002	
	2001.02	2001.09	D16V1	1590	EU, EP	G	WPH-044	
	1995.03	1997.01	D16Y2/3	1590	MB1	G	WPH-002	
	1996.01	.	D16Y5	1590	EK1 VTEC	G	WPH-015 22 TEETH	
	1988.01	1991.12	D16Z2/6	1590	ED7	G	WPH-002	
	1991.11	1995	D16Z6	1590	EG5 Esi VTEC	G	WPH-002	
	1991.11	1995.12	D16Z6	1590	EH9 Esi VTEC	G	WPH-006	
	1987.10	1988.08	ZC	1590	EF3, EF5 EFI	G	WPH-002	
	1988.08	1989.08	ZC	1590	EF3, EF5 EFI	G	WPH-002	
	1988.08	1989.08	ZC	1590	EF5-110 4WD	G	WPH-002	
	1989.08	1991.08	ZC	1590	EF3, EF5 EFI	G	WPH-002	
	1989.08	1991.08	ZC	1590	EF5-120/130 4WD	G	WPH-002	
	1991.11	1995.09	B16A2	1595	EG6, EG9VTI VTEC	G	WPH-034	
	1995.08	2000.09	B16A2	1595	EK4 VTEC	G	WPH-015 22 TEETH	
	1997.01	.	D18C4	1797	MB6 5 doors VTI	G	WPH-015 22 TEETH	
	1997.01	.	20T2N	1994	MB7 5 doors T	D	WPH-902	
	2000.09	.	K20A	1998	EU, EP	G	WPH-909	
	2005	.	N22A2	2204	FK3	D	WPH-053*	
	CIVIC COUPE	1994.04	1995.12	D15B	1493	EJ2	G	WPH-002
		1996.01	1997.01	D16Y7	1590	EJ6 -LS Type	G	WPH-015 22 TEETH
1997.01		1997.12	D16Y7	1590	EJ6 -LS Type	G	WPH-015 22 TEETH	
1996.01		2000	D16Y8	1590	EJ8 -SR Type VTEC	G	WPH-015 22 TEETH	
2001.02		.	B16A2	1595	EM1	G	WPH-051V*	
2000		2005.12	D17A2/8/9	1668	EM	G	WPH-044	
CIVIC CRX	1984.01	1987.05	EW3	1488	AF120, AF130	G	WPH-014	
	1987.06	1988.07	D15B	1493	EF6-100	G	WPH-002	
	1988.07	1989.08	D15B	1493	EF6-110	G	WPH-002	
	1989.09	1992.02	D15B	1493	EF6-120	G	WPH-002	
	1987.10	1988.12	D16	1590	ED9	G	WPH-002	
	1988.12	1989.12	D16	1590	ED9	G	WPH-002	
	1990.01	1992.05	D16	1590	ED9	G	WPH-002	
	1992.06	1988.12	D16Z6	1590	EH6 Esi VTEC	G	WPH-006	
	1988.08	1989.08	ZC	1590	EF7-110 EFI	G	WPH-002	
	1989.08	1992	ZC	1590	EF7-120 EFI	G	WPH-002	
	1984.11	1987.10	ZC1	1590	AS	G	WPH-013	
	1990.06	1992	B16A1	1595	EE8 VTEC	G	WPH-034	
	1991.11	1998.12	B16A2	1595	EG2 VTI VTEC	G	WPH-006	
CIVIC SHUTTLE	1987.10	1991.12	D14B	1396	ED	G	WPH-002	
	1989.08	1992	D14B	1396	EF2-520/530 FWD	G	WPH-002	

COOLING SYSTEM

HONDA



CCM

BODY



SPECIFICATION



WP



FC



PL Fan

\* New Product

# HONDA

CIVIC SHUTTLE	1984.01	1987.05	EW	1488	AK/AN series FWD	G	WPH-014
	1984.10	1987.10	EW	1488	AR 4WD	G	WPH-014
	1987.06	1988.06	D15B	1493	EF2-500 FWD	G	WPH-002
	1987.06	1988.06	D15B	1493	EF4-300 4WD	G	WPH-002
	1988.06	1989.08	D15B	1493	EF2-510 FWD	G	WPH-002
	1988.06	1989.08	D15B	1493	EF4-310 4WD	G	WPH-002
	1987.06	1988.06	D16	1590	EF5-300 4WD	G	WPH-002
	1988.06	1989.08	D16	1590	EF5-310 4WD	G	WPH-002
	1989.08	1992	D16	1590	EF5-320/330 4WD	G	WPH-002
	1995.06	1997.12	F22B	2156	RA1	G	WPH-001
1998.01	2002.06	F23A	2254	RA3	G	WPH-001*	
CIVIC Type R	2000	2004	K20A	1998	EP3	G	WPH-909
CONCERTO	1989.01	1995.01	D14A	1396	HW	G	WPH-002
	1990.01	1996.12	D14A	1396	HW	G	WPH-002
	1988.05	1996.12	D15B	1493	MA1, HW	G	WPH-002
	1991.08	1996.12	D15B	1493	MA1, HW 16V	G	WPH-002
	1988.05	1996.12	D16..	1590	MA2, MA3, HW	G	WPH-002
	1990.01	1996.12	D16..	1590	MA2, MA3	G	WPH-002
	1989.01	1996.12	10CV2L	1769	HW	D	WPH-002
CR-V	1995.10	1998.12	B20B	1973	RD1	G	WPH-901 19 TEETH
CR-V II	2001.08	2004.09	K20A4	1998	RD4/5	G	WPH-912*
	2005	2007	N22A1	2204	CDTi	D	WPH-053*
CR-V III	2007.01	.	N22A2	2204	RE# 103KW	D	WPH-053*
FR-V	2004	.	D17A	1668	BE1 SOHC	G	WPH-044
	2004	.	K20A	1998	BE3 DOHC	G	WPH-912*
	2004	.	N22A1	2204	CTDi	D	WPH-053*
HR-V	1998.09	.	D16A	1590	GH2	G	WPH-011A*
INTEGRA	1985.02	1988.12	D15A1/EW	1488	DA4, AV	G	WPH-022
	1986.03	1988.12	D16A2	1590	DA1	G	WPH-002
INTEGRA TYPE R	1997.10	.	B18C	1797	DC2	G	WPH-015 22 TEETH
JAZZ	1988.10	1994.06	D12A	1200	GA1	G	WPH-038
	1981.10	1982.06	ER	1231	AA, VF to 13000000	G	WPH-021
	1982.07	1986.10	ER	1231	AA, VF fr. 13000001	G	WPH-021
	2002.03	2005.12	L12A1	1243	GD	G	WPH-043
	1988.10	1994.06	D13C	1300	GA2	G	WPH-038
	2002.03	2004.12	L13A1	1339	GD	G	WPH-043
LEGEND	1985.11	2005.12	C20A	1996	KA1	G	WPH-008
	1985.11	1991	C25A	2493	KA2	G	WPH-008
	1987.02	1990.12	C27A	2675	KA3, KA4	G	WPH-008
	1991.08	1995.12	C32A	3206	KA7 SDN, KA8 CPE	G	WPH-007
	1996.01	.	C35A	3474	KA9	G	WH-020
LOGO	1998	2002.03	D13B	1343	GA3	G	WPH-908
NSX	1990.07	2005.09	C30A	2977	NA1 V6	G	WH-016
ODYSSEY	2000	2004	F23A	2254	RA6, 7	G	WPH-001*
PRELUDE	1978.11	1982.01	EP/EL	1602	SN	G	WPH-022
	1982.01	1982.10	EP/EL	1602	SN	G	WPH-022
	1978.11	1982.01	EK	1751	SN	G	WPH-025
	1982.01	1982.10	EK	1751	SN	G	WPH-022
	1982.10	1987.04	ES	1829	AB	G	WPH-012
	1986.01	1987.12	ET	1829	AB5	G	WPH-012
	1986.05	1987.03	B20A	1958	BA1/2	G	WPH-023
	1987.04	1987.12	B20A3/4/5	1958	BA4	G	WPH-016
	1989.09	1991	B20A3/4/5/9	1958	BA4/5	G	WPH-016
	1988	1989.09	B20A3/5	1958	BA4/5	G	WPH-016
	1987.01	1992.01	B20A	1986	BA	G	WPH-023
	1991	1996.09	F20A4	1997	BB3 fr. chss nr 2003351	G	WPH-034
	1991	1996.09	F20A4	1997	BB3 to chss nr 2003350	G	WPH-034
	1996.10	2000.10	F20A4	1997	BB9	G	WPH-034
	1993.02	1997	H22A2	2156	BB1	G	WPH-020
	1997.01	2000.08	H22A5	2156	BB8	G	WPH-020*
	1992.04	1997	H23A2	2259	BA2, BB2	G	WPH-018
	QUINTET	1980.01	1981.08	EP/EL	1602	SU	G
1981.09		1985.02	EP/EL	1602	SU fr E/G nr 1800001	G	WPH-022

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

## HONDA

QUINTET	1981.09.	.	EP/EL	1602	SU to E/G nr 1800000	G	WPH-022
SHUTTLE	1994.10	1998.02	F22	2156	RA	G	WPH-001*
	1997.10	2002.06	F23A	2254	RA	G	WPH-001*
STREAM	2001.01	.	D17A	1668	RN1/2	G	WPH-051V*
	2001.01	.	K20A	1998	RN3/4	G	WPH-910*

COOLING SYSTEM









HONDA

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

# HYUNDAI

ACCENT	1999.06	2001.10	.	1341	.	G	WPM-001
	2001.11	2003.10	.	1341	.	G	WPM-001
	2003.10	.	.	1341	LC	G	WPY-022*
	1999	2001.10	D3EA	1493	.	D	WPM-001
	2001.11	2003.10	D3EA	1493	.	D	WPM-001
	2003.10	.	D3EA	1493	LC	D	WPY-007
	1999	.	G4EB/C	1495	.	G	WPM-001
	1996.10	1999.08	G4ER	1495	.	G	WY-007
2002.03	.	G4ED	1599	KMHC	G	WPY-022*	
ATOS	1997.09	2003.07	.	800	.	G	WPM-001
	1997.11	2002.03	G4AC	998	AC	G	WY-004
ATOS PRIME	1999.09	2003.07	G4AC	998	KMHA	G	WY-004*
	1998	2008	G4HC/E	998	.	G	WY-004
	2003	2008	G4HD	1086	MX	G	WY-004
	2005	2008	G4HG	1086	12V	G	WY-004*
BUS	1988.04	1997	D4AF	3298	CHORUS	D	WPY-013
COUNTY	1998.02	2004	D4AE	3298	HD65, HD72 TWI	D	WPY-002
	1998.02	2004	D4AEF	3298	HD65, HD72 TWI	D	WPY-002*
	1998.02	2004	D4DA/B	3900	HD72 TWI	D	WPY-010
COUPE	2002	.	.	1599	.	G	WY-007
	1996.04	2002	4G61	1599	KG	G	WPU-001V*
	1996.04	2002	G4GF	1975	KG	G	WPY-021*
	2002	.	G6BA	2656	GK27	G	WPY-006
ELANTRA	1997.02	2000.01	G4EK	1495	JF2	G	WPY-022*
	2001	.	.	1599	XD	G	WPY-020
	2003.05	.	.	1599	XD	G	WPY-020
	2000.06	2003	G4BB	1795	XD 16V	G	WPY-027*
	2001	.	G4GC	1975	XD	G	WY-006
	2001	.	D4EA	1991	XD TD CRDI	D	WPY-007
EQUUS	2009	.	.	.	.	WPY-016*	
EXCEL/ACCENT	1989.08	1994.08	G4DG	1341	1300 I	G	WPM-001
	1989.08	1994.08	G4DG	1341	VD2M	G	WPM-001
	1994.10	2000	G4EH	1341	UA##L, UF##L	G	WPM-001
	1989.10	1994.10	G4DJ	1468	VA3J MPI	G	WPM-001
	1989.10	1994.10	G4DJ	1468	VF2J	G	WPM-001
	1989.10	1994.10	G4DJ/G15B	1468	VA3J MPI	G	WPM-001
	1994.07	1997.07	G4EK	1495	UA##N, UF##N	G	WPM-001
	1997.08	2003.01	G4EK	1495	UA##N, UF##N	G	WPM-001
	1994.07	1997.07	G4FK	1495	DN, FN 16V	G	WPM-001
	1997.08	2003.01	G4FK	1495	DN, FN 16V	G	WPM-001
GALLOPER	1994.09	.	D4	2476	KC4 TWI	D	WPM-002
	1991.10	1994	D4BF	2476	KC4 T	D	WPM-002
	1991.10	1994	D4BX	2476	KC4	D	WPM-002
	1998.08	.	G6AT	2972	16V	G	WPM-014
GENESIS	2009	.	.	.	.	WPY-038*	
GETZ	2002.09	2002.10	G4HD	1086	TB	G	WY-004
	2002.10	.	G4HD	1086	TB	G	WY-004
	2002.09	.	G4EA	1341	TB13	G	WPM-001
	2005.08	.	G4EE	1399	.	G	WPY-020*
	2003.03	.	D3EA	1493	TB CRDi	D	WPY-007
	2002.09	2002.12	.	1594	TB	G	WY-007
	2002.12	.	.	1594	TB	G	WY-007
GRANDEUR	2005	.	.	3342	.	G	WPY-006*
H1	1998.05	.	G4CSS	2351	I	G	WY-001
	2003.08	.	D4BH	2476	CRDi	D	WPY-030*
	1997.10	1999.05	TCI	2479	WWH7FP TD, TD 4WD	D	WPM-029
	1999.05	.	TCI	2479	WWH7FP TD, TD 4WD	D	WPM-029
H100	1993.07	1998.12	D4BA	2477	KM	D	WPY-031*
H100 GRACE	1986.12	.	.	2351	FI	G	WY-001
	1987	.	D4BA	2476	.	D	WPM-002
	.	.	DABA	2476	T	D	WPM-002
H100 Truck	1996.05	.	D4BA	2477	12L	D	WPY-032*
i10	2008.01	.	G4HG	1086	.	G	WPK-006*
i30	2007.10	.	.	1582	crdi	D	WPY-025*
	2007.10	.	.	1591	.	G	WPY-025*









				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

# HYUNDAI

i30	2007.10	.	.	1975	.	G	WPY-034*
	2007.10	.	.	1991	crdi	D	WPY-005*
LANTRA	1990.10	1995.11	G4DJ	1468	JF2/JF3JEU	G	WPM-001
	1990	1993.10	G4CR	1596	JF2/JF3REU	G	WPY-021*
	1993.10	1995.03	G4CR	1596	JF2/JF3REU	G	WPY-021*
	1992.10	1995.03	G4CN	1836	JF3MEU	G	WPY-021*
LANTRA II	1995.05	.	G4EK	1495	.	G	WPM-001
	1995.05	1998.05	G4GR/4G61	1599	KF, KW	G	WPY-021*
	1998.05	.	G4GR/4G61	1599	KF, KW	G	WPY-021*
	1995.05	2000	G4GM	1795	XD18	G	WPY-021*
	1995.05	1998.05	G4GM	1795	XD18	G	WPY-021*
	1998.05	.	G4GM	1795	XD18	G	WPY-021*
	1997.09	.	XUD9	1905	.	D	WPT-902 diam impeller 69mm
	1999.03	2001.03	.	2000	.	G	WPY-028*
MATRIX	2000.07	2001.10	D3EA	1493	FC CRDi	D	WPY-007
	2001.11	2003	D3EA	1493	FC CRDi	D	WPY-007
	2001	.	G4ED-G	1598	FC	G	WPY-020
	2001.06	.	G4GB-G	1795	FC	G	WPY-021
PONY	1978.01	1979.03	4G42	1238	.	G	WP-8790*
	1979.04	1983.07	4G42	1238	RA	G	WP-8790*
	1983.07	1986.09	4G42	1238	RA	G	WP-8790*
	1986.01	1991	4G13	1298	HF	G	WPM-001
	1978.11	1979.03	4G33	1439	.	G	WP-8790*
	1979.03	1983.07	4G33	1439	RA	G	WP-8790*
	1983.07	1986	4G33	1439	RA	G	WP-8790*
	1986.01	1992	4G15	1468	HJ	G	WPM-001
PORTER	1997	.	.	2400	.	D	WPM-029*
S COUPE	1990.01	1992.06	G4DJ	1468	VE2JEU	G	WPM-001
	1990.01	1992.06	G4DJ	1468	VE2JEU Opt	G	WPM-001
	1990.01	1992.06	G4DJ	1468	VE3JEU	G	WPM-001
	1990.01	1992.06	G4DJ	1468	VE3JEU Opt	G	WPM-001
	1992.07	1995.05	G4EK	1468	VE/UE	G	WPM-001
	1992.07	1995.05	G4EKT	1468	VE2/3NEU T	G	WPM-001
SANTA FE	2000.08	2003.04	D4EA	1991	SM CRDi 2X4	D	WPY-007
	2001.04	.	D4EA	1991	SM CRDi 4X4	D	WPY-007*
	2003.05	2006	D4EA	1991	SM CRDi 4X4	D	WPY-007
	2001	2006	G4BP	1997	SM	G	WY-006
	2005.11	2006.	.	2188	SM	D	WPY-026*
	2000.08	2006	G4JS	2351	SM24	G	WY-006
	2005.11	2006.	.	2656	SM	G	WPY-026*
	2000.08	2006	G6BA	2656	SM27 V6	G	WPY-006
SANTAMO	1995.02	1999.12	G4CP	1997	2WD	G	WPM-012
	1995.02	1999.12	G4CP	1997	4WD	G	WPM-012
SONATA	1988.01	1989.12	G4CM	1795	AFD/-BF2/3DEU	G	WPM-010
	1990.01	1994	G4CM	1795	AFD/-BF2/3DEU	G	WPM-010
	1994	1996.12	G4CM	1795	AFD/-BF2/3DEU	G	WPM-004
	2006	.	.	1991	CrDi	D	WPY-036*
	1993.05	1994.11	.	1997	.	G	WPM-004
	1998.04	.	.	1997	.	G	WPY-018
	1989	1994	G4CD	1997	AFF/-BF2/3FEU	G	WPM-012
	1994	1996.12	G4CD	1997	AFF/-BF2/3FEU	G	WPM-012
	1991.03	1994	G4CP	1997	AFS/BFS 2,0 i 16V	G	WPM-004
	1991.09	1993.12	G4CP	1997	AFS/BFS 2,0 i 16V	G	WPM-012
	1994	1996.12	G4CP	1997	AFS/BFS 2,0 i 16V	G	WPM-004
	1996.09	1998.05	G4ED	1997	F2/F3	G	WPY-018
	1998.04	2001	G4EP	1997	.	G	WY-006
	1998.04	2001	G4JP-G	1997	EF	G	WY-006
	1998.03	1998.11	.	2351	EF 16V	G	WY-006
	1998.11	2001.10	.	2351	EF 16V	G	WY-006
	1989	1992.10	G4CSS	2351	AFS/-BF2/3SEU	G	WPM-004
	2005	.	.	2359	NFHS	G	WPY-036*
	1998.05	2000.06	G6DV	2493	EN41E	G	WY-005*
	2000.06	2001.10	G6DV	2493	EN41E	G	WY-005*
1998.05	2001.10	.	2656	.	G	WY-006*	

HYUNDAI COOLING SYSTEM

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

## HYUNDAI

SONATA	2001.10	.	G6BA-G	2656	EF4	G	WPY-006
	2005	.	.	3342	V6	G	WPY-029*
STELLAR	1983	.	4G33	1439	TK	G	WP-8790*
	1983	1991	4G32	1597	MTE	G	WP-8790*
	1986.	1989	4G52	1995	TK	G	WP-4772A*
TERRACAN	2001.12	.	D4BH	2476	HP	D	WPY-024*
	2001.12	.	J3	2902	HP CRDi 110 KW	D	WPY-030*
	2001.12	.	G6CU	3497	HP V6	G	WPY-015
TRAJET	2001.04	.	D4EA	1991	F0	D	WPY-007
	1999.09	.	G4JP-G	1997	F20	G	WY-006
	2000.09	.	G6BA	2656	F27 V6	G	WY-005
TRUCK	1986.11	1994.11	D4AE	3298	MIGHTY 3,5T	D	WPY-037*
	1986.11	1994.11	D4AF	3298	MIGHTY 2,5T	D	WPY-003*
TUCSON	2004.08	.	G4GC	1975	JM 16V CVVT 4X2	G	WPY-004
	2004.08	.	G4GC	1975	JM 16V CVVT 4x4	G	WPY-005
	2004.08	.	D4EA	1991	JM Crdi 16V - 83Kw	D	WPY-007
	2006.01	.	D4EA-V/F	1991	JM Crdi - 100 + 103Kw	D	WPY-026*
	2004.06	.	G6BAH	2656	JM V6 24V	G	WPY-006
XG	1999.06	.	G6AV	2493	FU41C	G	WPY-016
	2000.08	.	G6ATX	2972	FU41D	G	WPY-016
	1998.12	2000.08	G6CT-G	2972	FU41D	G	WPY-016

COOLING SYSTEM

HYUNDAI

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

# INFINITI

FX35	2003.01	.	VQ35DE	3498	V6	G	WPN-093*
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COOLING SYSTEM

INFINITI



CCM

BODY



SPECIFICATION



WP



FC











PL Fan

\* New Product

## ISUZU

ELF	1993.06	1995.04	4JG2	3100	U-NHS69/U-NHR69	.	WPG-001*
	1993.12	1995.04	4JG2	3100	U-WHR69	.	WPG-001*
	1988	1993	4BE1	3300	NPR58	.	WPG-002
	1987.02	1993.06	4BE1	3600	NPR58G	.	WPG-002
	1987.09	1993.11	4BE1	3600	NKS58	.	WPG-002
	1986	1990	4BE1	3700	NKR58E	.	WPG-002
	1990.06	1994.04	4HF1	4300	NKR66/NPR66	.	WPG-015
	1993.04	1999	4HF1	4300	NKR66/NPR66	.	WPG-015
	1993.06	1999.07	4HF1	4300	KC-NPS66	.	WPG-015
	1993.06	1995.10	4HF1	4300	U-NKS66	.	WPG-015
	1995.11	1999	4HF1	4300	KC-NKS66	.	WPG-015
	1999	.	4HF1	4300	NPR66	.	WPG-015
1995.03	1999.04	4HG1	4600	KG-NKS71	.	WPG-015	
1995.03	1999.04	4HG1	4600	KG-NPR71	.	WPG-015	
ELF 150	1971	1981.07	KAD40/50/41/51-C190	2000	.	D	WG-005
	1978.05	1979.10	C240	2369	KAD42, 52	.	WPG-016
	1979.10	1984.07	C240	2369	KAD42, 52	.	WPG-016
	1981.07	1984.07	C240	2369	KAD52N, KAD52NV	.	WPG-016
	1984.07	1988.07	4JA1	2499	NHR54	D	WPG-001
	1984.07	1988.07	4JB1	2771	NHR55	.	WPG-001
ELF 250	1970.10	1978.12	G201	1951	TLG12/22/32/42/52/62	.	WPG-016
	1979.01	1980.01	G201	1951	TLG22	.	WPG-016
	1978.10	1984.06	C240	2369	TLD13/23/33/43/53/63	.	WPG-016
	1973.01	1978.01	4BA1	2775	TLD24/34/54/64	.	WPG-006
	1979.01	1979.09	4BA1	2775	TLD24/34/54/64	.	WPG-006
	1979.10	1984.06	4BA1	2775	TLD24/34/54/64	.	WPG-006
	1984.07	1990.04	4BC2	3300	NKR57	.	WPG-006
ELF 350	1986	.	.	3300	NPR	.	WPG-006
	1986	.	4BD1T	3900	U-NPR59	.	WPG-006
GEMINI	1985.02	1990.02	4XC1	1471	JTU69, JTU77, JT150	G	WPG-020
	1985.03	1990.02	4EC1	1487	JT150	D	WPG-020
OASIS	1996	1999	F22	2156	.	G	WPH-001*
PIAZZA	1986.01	1989	4ZC1T	1994	JR120	G	WPG-907*
PICK-UP	1988.12	1990.02	C223	2238	TFR52 2WD	D	WPG-003
	1988.12	1990.02	C223	2238	TFS52 4WD	D	WPG-003
	1988.02	.	4ZD1	2254	TFR, S16	.	WPG-901
	1988.02	1990.08	4JA1	2499	TFR, S54	D	WPG-001*
	.	.	3JG2	3059	TFR, S54	D	WPG-001
PICK-UP "KB"	1977.05	1982	C190	1951	KBD20/21/25/26 2WD	D	WPG-004 FC: FCG-019*
	1979.05	1982	C190	1951	KBD40/41/46 4WD	D	WG-001*
	1982.12	1987	C223	2238	KBD22/27 2WD	D	WPG-004 FC: FCG-019*
	1982.12	1987	C223	2238	KBD42/47 4WD	D	WPG-004 FC: FCG-019*
TROOPER	1984	1991	C223	2238	UBS52	D	WPG-004 FC: FCG-019*
	1984.01	1991	C223T	2238	UBS52 T	D	WPG-004 FC: FCG-019*
	1984.01	1991.12	4ZD1	2254	UBS16	G	WPG-901
	1987.08	1992	4ZE1	2559	UBS17 except UK	.	WPG-001
	1987.08	1991	4JB1	2771	UBS55 except UK	D	WPG-001
	1987.08	1992.03	4JB1T	2771	UBS55 T	D	WPG-001
	1991.12	1997.12	3JG2	3059	UBS69 T	D	WPG-001
	1991.12	1998	6VD1	3165	UBS25 V6	G	WP-5100*
	1980.12	1982.07	4ZA1	1584	WFR10	G	WPG-902
VAN (COMBI)	1980.12	1982.07	4FB1	1817	WFR50	G	WPG-910*
	1983.02	1985.12	4ZB1	1817	WFR11	G	WPG-902
	1985.12	1987.12	4ZC1	1994	WFR12	G	WG-008
	1980.12	.	4FC1	1995	WFR51 V/W	D	WPG-014
	1985.12	.	4FC1	1995	WFS51 4WD	D	WPG-003
	1983.11	.	4FC1T	1995	WFR51 T	D	WPG-003
	1985.12	.	4FC1T	1995	WFS51 T 4WD	D	WPG-003
	1983.11	1987.10	4FD1	2189	WFR53	D	WPG-014
	1983.11	1985.11	4FD1	2189	WFS53 4WD	D	WPG-014



				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

# ISUZU

VAN (COMBI)	1985.12	.	4FD1	2189	WFR53	D	WPG-014
	1985.12	1988.03	4FD1	2189	WFS53 4WD	D	WPG-014
	1987.11	.	4FG1	2388	WFR62, WFS62 2&4WD	D	WPG-003

COOLING SYSTEM

ISUZU

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

# JEEP

CHEROKEE	1997	1999.04	.	2500	T	D	WPA-002
GRAND CHEROKEE	1997	1999.04	.	2500	ZG T	D	WPA-002

COOLING SYSTEM

JEEP

				<b>CCM</b>	<b>BODY</b>		<b>SPECIFICATION</b>	 WP
								 FC
								 PL Fan









\* New Product

## KIA

AVELLA	1994.03	.	B3	1324	.	G	WPZ-001
	1995	.	B5	1498	.	G	WPZ-001
BESTA	1990.10	.	FE	1998	.	G	WPZ-014*
	1992	1993.06	R2	2184	.	D	WPZ-014
	1993.07	1996	R2	2184	.	D	WPZ-014
	1996.02	.	R2	2184	.	D	WPZ-014*
	.	1990	S2	2209	.	D	WPZ-014
	1981	.	S2	2209	.	D	WPZ-014
	1998	.	RFA/J2	2665	.	D	WK-002
CARENS	1999	2002	.	1793	FC	G	WPK-005
CARENS II	2002	.	.	1794	FJ	G	WPK-005*
	2004	.	.	1975	FJ	G	WPK-005*
	2002	.	D4EA	1991	FJ CRDI	D	WPY-007
CARENS III	2006.09	.	D4EA	1991	.	D	WPY-026*
	2006.09	.	G4KA	1998	.	G	WPK-005*
CARNIVAL	1999.08	2001	.	2497	KV6	G	WPK-002
	2001.05	.	.	2497	GV6	G	WPK-002
	2006	.	.	2656	.	G	WPK-013*
	2006	.	.	2902	crdi	D	WPK-013*
	1997.12	2001	J3TCI	2902	J3 TDI	D	WPK-001
CEE'D	2007	.	.	1396	.	G	WPY-025*
	2007	.	.	1582	crdi	D	WPK-010*
	2007	.	.	1591	.	G	WPY-025*
	2007	.	.	1975	.	G	WPY-028*
	2007	.	.	1991	crdi	D	WPY-026*
CERATO	2004	.	.	1599	.	G	WPY-020
	2004	.	.	1975	.	G	WPY-021
	2004	.	.	1991	.	D	WPY-007
CERES	.	.	.	.	see BESTA	.	WPZ-014*
CLARUS	1995.06	.	T8	1793	K9A	G	WPK-005*
	1995.06	.	20DG1	1998	K9A	G	WPZ-014
	1998.05	.	FE 16V	1998	GC 22 K9A	G	WPK-014*
CLARUS Break	1998.05	.	FE 16V	1998	GC 52	G	WPK-014*
K2700	1999.10	.	.	2665	59Kw	D	WPK-015*
MAGENTIS	2005	.	.	1988	.	G	WY-006*
	2005	.	D4EA	1991	.	D	WPY-026*
	2000	.	G4JP	1997	GD	G	WPM-012
	2000	.	G6BV	2493	GD V6	G	WPM-012
MENTOR	.	.	.	.	see SEPHIA	.	WPZ-003*
OPIRUS	2003.09	.	.	3497	.	G	WPY-015
PICANTO	2004.04	.	G4HG	1086	BA	G	WPK-006
	2005.11	.	D3FA	1120	BA crdi	D	WPK-010*
PICANTO FL	2005.09	.	G4HE	999	BA	G	WPK-006*
PREGIO	2001.08	2002.10	D4BH	2476	TB	D	WPY-011
	2002.10	2002.12	D4BH	2476	TB	D	WPY-011
	2002.12	.	D4BH	2476	TB	D	WPY-011
	1997.10	1999.12	J2	2665	TB	D	WPK-011*
	2000.01	2001.12	J2	2665	TB	D	WPK-011*
	.	.	.	.	see BESTA	.	WPK-011*
PRIDE	1991.06	.	B1	1138	DA	G	WPZ-001
	1995.06	.	B3	1324	DA	G	WPZ-001
RETONA	1999	.	.	1998	T	D	WK-003*
RIO	2000.07	.	.	1343	DC	G	WPK-003
	2005	.	.	1493	.	D	WPK-003*
	2000.07	2002	A5D	1493	K3	G	WPK-004
	2002	.	A5D	1493	DC	G	WPK-007
	2005	.	.	1599	.	G	WPK-007*
SEPHIA	1996.03	1998.01	B5	1498	FA24	G	WPZ-001
	1993	1996	B6	1598	FA22	G	WPZ-001
	1998	2000	.	1793	.	G	WPK-005
	1996.01	.	T8D	1793	.	G	WPK-005
SHUMA	1998	.	B5	1498	.	G	WPZ-003
	1999	.	.	1793	.	G	WPK-005*
SHUMA II	2001.05	2004.08	GA6D	1594	FB	G	WPK-004*
	2001.05	2004.08	.	1793	FB	G	WPK-004*

COOLING SYSTEM

KIA

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

## KIA

SORENTO	2002.08	2006.	G4JS	2351	JC 102 Kw	G	WPU-002V*
	2002.08	2007.	D4CB	2497	JC CRDDi 103Kw	D	WPY-008
	2006.12	.	D4CB	2497	JC CRDDI 125Kw	D	WPY-008*
	2002.08	2007.	.	3497	JC 143Kw	G	WPY-015*
SOUL	2008	.	.	1582	.	D	WPY-025*
	2008	.	.	1591	.	G	WPY-034*
SPORTAGE	2004.09	.	G4GC	1975	16V CVT	G	WPY-004
	2004.09	.	G4GC	1975	16V CVT	G	WPY-005
	2004.09	.	D4EA	1991	JE Crdi 16V- 83Kw	D	WPY-007
	2006.01	.	D4EA-V/F	1991	JE Crdi - 103 KW	D	WPY-026*
	1994.08	2003	FE	1998	JA5525/JA5535	G	WPZ-014
	1993.07	1994.08	FEDI	1998	JA5525/JA5535	G	WK-003*
	1996.06	1997.04	RF	1998	K00M T	D	WK-003*
	1993.07	.	R2	2184	K00M	D	WK-003*
	2004.08	.	G6BA	2656	JE V6 24V	G	WPY-006

COOLING SYSTEM

KIA

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

## LADA

SAMARA	1986.07	2005.01	BA3 21081	1099	XTA210 to chss nr ..N1159599	G	WPL-001*
	1986.07	2005.01	BA3	1300	XTA210 to chss nr ..N1159599	G	WPL-001*
	1986.07	2005.01	BA3	1500	XTA210 to chss nr ..N1159599	G	WPL-001*

COOLING SYSTEM

LADA

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

## LANCIA

DELTA	1979.09	.	.	1280	1300	G	WE-FI04*
PRISMA	1982.11	.	.	1280	1300	G	WE-FI04*

COOLING SYSTEM

LANCIA

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

# LAND ROVER

DISCOVERY	1989.01	.	12L	2500	.	D	WE-LR01
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COOLING SYSTEM

LAND ROVER

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product









## LEXUS

GS300	1997	2000	2JZ-GE	2995	JZS160	G	WPT-920*
	2000	.	2JZ-GE	2995	JZS160	G	WPT-920*
	1991.10	1997.12	2JZ-GE	2997	JZS147	G	WPT-110
GS430	2000	.	3UZ-FE	4293	JZS160	G	WPT-125*
IS200	1999.01	.	1G-FE	1988	GXE10 V6	G	WPT-112
IS220	2005.08	.	2AD-FHV	2231	ALE20, GSE20	D	WPT-914*
IS250	2005.08	.	4GR-FSE	2499	GSE20 V6	G	WPT-137*
IS300	2001.06	.	2JZ-GE	2997	GXE10	G	WPT-116
	2001.06	.	2JZ-GE	2997	GXE10	G	WPT-920*
LS400	1990.01	1992.08	1UZ-FE	3969	UCF10	G	WPT-027
	1992.08	1994.10	1UZ-FE	3969	UCF10	G	WPT-027
	1994.11	1996.08	1UZ-FE	3969	UCF2#	G	WPT-027
	1996.08	1999.08	1UZ-FE	3969	UCF2#	G	WPT-027
	1996.08	1999.08	1UZ-FE	3969	UCF2# for Europe	G	WPT-027
LS430	2000.07	.	3UZ	4293	UCF31	G	WPT-125*
RX300	2003.02	.	1MZ	2995	MCU30	G	WPT-057
	1997.08	.	1M-Z	2995	MCU10/15	G	WPT-057
SC430	2001.04	.	3UZ	4292	UZZ40	G	WPT-125*

COOLING SYSTEM

LEXUS



				<b>CCM</b>	<b>BODY</b>		<b>SPECIFICATION</b>	 WP
								 FC
								 PL Fan

\* New Product

# MAZDA

1000	1970.01	1976.10	PC	985	FA3TS	G	WZ-004
121	1987.11	1993.11	B1	1138	DA1	G	WPZ-001
	1990	1991.12	B1	1138	DB1	G	WPZ-001
	1991.12	1996.03	B1	1138	DB1	G	WPZ-001
	1995	1999	DHA	1242	ZETEC 16V	G	WPZ-912
	1999	.	DHA	1242	ZETEC 16V	G	WPZ-912
	1995	1999	J4C	1295	.	G	WPZ-911
	1999	.	J4C	1295	.	G	WPZ-911
	1987.11	1998.02	B3	1323	DA3	G	WPZ-001
	1990.11	1991.12	B3	1323	DB3	G	WPZ-001
	1991.12	1996	B3	1323	DB3	G	WPZ-001
	1995.08	1998.08	RTK	1753	JA, JB	D	WPZ-913
	1998.09	2004.03	RTK	1753	JA, JB	D	WPZ-913
121 COUPE	1975.10	1977.03	VC	1769	CD2VC	G	WPZ-009
	1977.03	1979.09	VC	1769	CD2VC	G	WPZ-009
	1977.03	1979.08	MA	1970	CD3MC	G	WPZ-009
	1981.07	1983.09	MA	1970	CD3MC	G	WPZ-009
1300	1970.01	1976.10	TC	1272	FA3PS	G	WZ-004
2	2003.04	.	F6JA/B	1399	B2W	D	WPT-917*
	2003.03	.	MZ14CD	1399	DY1NE23	D	WPT-917*
3	2004.06	.	Y601	1560	BK14 80Kw	D	WPZ-926
	2003.10	2005.01	.	1598	BK6P	G	WPZ-921*
	2003.10	2005.01	LF	1999	BKEP	G	WPZ-926
323	1973.03	1978.02	PC	985	SPCV VAN	G	WZ-004
	1973.08	1980.05	PC	985	FA3PS, FA4PS, FA5PS	G	WZ-004
	1980.05	1984.10	E1	1071	BD1011	G	WPZ-006
	1984.11	1986.11	E1	1071	BF1P	G	WPZ-006*
	1973.08	1978.03	TC	1272	STBV VAN	G	WZ-004
	1978.03	1981.11	TC	1272	FA4TV VAN	G	WZ-004
	1978.08	1980.05	TC	1272	FA4TS, FA5TV, FA6TM/TS	G	WZ-004
	1981.11	1985.11	TC	1272	FA4TV VAN	G	WZ-004
	1980.05	1984.10	E3	1296	BD1031	G	WPZ-006
	1984.11	1984.12	E3	1296	BF3P SDN, HBK	G	WPZ-006
	1985.01	1986.11	E3	1296	BF3P SDN, HBK	G	WPZ-006
	1985.12	1987.02	E3	1296	BF3V VAN	G	WPZ-006
	1987.03	1989.09	E3	1296	BF3V/W VAN, WGN	G	WPZ-006
	1986.11	1989.01	B3	1323	BFTP	G	WPZ-001
	1989.01	1995	B3	1323	BG3P, BG3S	G	WPZ-001
	1998.08	2006.05	B33G	1323	BJ1	G	WPZ-001
	1994	1998.09	B3	1324	BHA	G	WPZ-001
	1994	1998.09	B3	1324	CBA 323-F 5doors	G	WPZ-001
	1978.03	1981.11	UC	1415	FA4US, FA5US, FA6US SDN, HBK	G	WZ-004
	1981.11	1985.12	UC	1415	FA4UV VAN	G	WZ-004
	1994	1998	Z5	1489	BHALP, BHA5S	G	WPZ-902
	1986.11	1989	B5	1490	BF5P	G	WPZ-001
	1980.05	1984.10	E5	1490	BD1051	G	WPZ-006
	1982.12	1984.10	E5	1490	BD1051 GT	G	WPZ-006
	1984.11	1984.12	E5	1490	BF5P SDN, HBK	G	WPZ-006
	1985.01	1986.12	E5	1490	BF5P SDN, HBK	G	WPZ-006
	1985.11	1987.02	E5	1490	BF5V VAN	G	WPZ-006
	1987.03	1989.09	E5	1490	BF5V/W VAN, WGN	G	WPZ-006
	1998.09	2006.05	ZL-DE	1498	BJ5W	G	WPZ-902*
	1985.09	1989	B6	1597	BF	G	WPZ-003
	1986.12	1989	B6	1597	BFMP	G	WPZ-003
	1989.06	1991.04	B6	1597	BG	G	WPZ-001
	1991.04	1994.04	B6	1597	BG	G	WPZ-001
	1985.09	1989	B6T	1597	BFMR T 4WD	G	WPZ-001
	2002.11	.	ZM	1598	BJ	G	WPZ-902*
	1994	1998.09	4EE1T	1686	BHA7R T	D	WPZ-006
	1989.01	1994	1PN	1720	BG7P	D	WPZ-016
	1985.09	1986.11	PN	1720	BF7P, BF7V	D	WZ-008
	1986.12	1989	PN	1720	BF7P, BF7V	D	WZ-008
	1987.05	1989.08	PN26/27	1720	BW12 WGN	D	WZ-008
	1986.04	1987.05	PN27	1720	BW12 WGN	D	WZ-008

COOLING SYSTEM

MAZDA



CCM

BODY



SPECIFICATION



WP



FC











PL Fan

\* New Product

## MAZDA

323	1989.09	1991	PN54	1720	BW12 WGN	D	WZ-008
	1988.05	.	B8/FP55	1840	BJ1	G	WZ-003
	1989.01	1994.10	BP	1840	BG	G	WPZ-001
	1990.01	1994.	BP	1840	BG8P, BG8S	G	WPZ-003
	1994	1998.09	BP	1840	CBA	G	WPZ-903
	1989.06	1994.07	BP-T	1840	BG8Z T 4WD	G	WPZ-003
	1994	1998.09	BP-ZE	1840	BHA8P	G	WPZ-903
	1994	1998.09	BP-ZE	1840	CBA8P 323-F 5doors fr. chss nr 300001	G	WPZ-903
	1994	1998.09	BP-ZE	1840	CBA8P 323-F 5doors to chss nr 300000	G	WPZ-903
	2000	2003	FS7E/G	1991	16V	G	WPZ-924*
	1994	1999	KF-ZE	1995	CBAEP V6 323-F 5doors	G	WPZ-909
	1996.11	.	RF	1998	BA1	D	WPZ-014
	1998.10	2001	RF	1998	BJ 52Kw	D	WPZ-917*
	1999	.	.	2000	SPORT TIPTRONIC	G	WPZ-924
2000	.	.	2000	BJ TD 66Kw	D	WPZ-917*	
323F	1995.02	.	4EE1T	1686	TD	D	WPZ-923
	2000.10	.	FS	1991	BJ1	G	WPZ-029V*
	2001.02	2003.11	RF	1998	BJ	D	WPZ-917*
5	2004	.	LFDE	1998	CREW	G	WPZ-926
6	2002	.	.	1798	GG, GY	G	WPZ-926
	2005.03	.	.	1998	.	D	WPZ-917*
	2002.10	2005.02	RF0F, RF1F	1998	GC12, GC14, GY19, GY89	D	WPZ-917*
	2002.06	2005.02	LF	1999	GGE, GYE	G	WPZ-926*
	2002.06	.	L3VE	2261	GG3, GY3	G	WPZ-926
616	1973.03	1977.11	NA	1586	SNA, B-SNA	G	WZ-005
	1974.02	1978.09	VC	1769	SV2A, CB1VS	G	WZ-005
626	1978.09	1982.08	NA	1586	CB2NS, CB2NA	G	WZ-005
	1982.09	1987.09	F6	1587	GC6P	G	WPZ-010
	1987.03	1989.03	B6	1597	GD6P	G	WPZ-001
	1988.01	1989.04	B6	1597	GV6V	G	WPZ-001
	1989.04	1992	B6	1597	GD6P	G	WPZ-001
	1978.09	1982.09	VC	1769	CB2VS, CB2VH	G	WPZ-007
	1982.09	1987.03	F8	1789	GC8P	G	WPZ-002
	1987.03	1992	F8	1789	GD8P, GD8S	G	WPZ-002
	1991.08	1997.06	FP	1840	GE	G	WPZ-031V*
	1997.04	2002	FP33	1840	GF1#	G	WZ-003
	1991.08	1997.07	FS	1991	GE	G	WZ-003*
	1997.04	2002	FSJ2/4	1991	GF1#	G	WZ-003
	1982.09	1985.02	FE	1998	GCEP	G	WPZ-010
	1985.02	1987.03	FE	1998	GCEP	G	WPZ-012
	1987.03	1991	FE	1998	GDEA, GDEP, GDES	G	WPZ-002
	1987.03	1992	FE	1998	GV station WGN	G	WPZ-002
	1987.08	1992.05	FE	1998	GDFE DOHC 16V	G	WPZ-910
	1989.08	.	FE	1998	GD74/6FE DOHC 16V 4WS HBK	G	WPZ-910
	1983.08	1985.07	RF	1998	GCFP	D	WPZ-014
	1985.08	1987.03	RF	1998	GCFP	D	WPZ-014
	1987.07	1989.03	RF	1998	GDFP	D	WPZ-014
	1989.03	1992	RF	1998	GDFP	D	WPZ-014
	1992.03	1997.07	RF	1998	GE complex	D	WPZ-014
	1992.06	1997	RF	1998	GV station WGN complex	D	WPZ-014
	1998.05	2000.03	RF	1998	GF	D	WPZ-917*
	2000.	.	RF	1998	GF, GW	D	WPZ-917*
	1998.04	2002.04	RF2A	1998	GF1 TDVI	D	WZ-003*
	1987.09	1992	FZ	2184	GD	G	WPZ-002
	1991	1997.07	FR	2497	GE V6	G	WPZ-909
818	1971.07	1978.07	TC	1272	STC, STCV	G	WZ-004
	1973.09	1978.06	NA	1586	SN3A, SN3AV, SN4A	G	WZ-005
929	1973.03	1978.10	VC	1769	LA2VS, LA2VW, LA3VS	G	WZ-004
	1977.09	1981.07	VC	1769	LA4VS, LA4VW	G	WZ-004
	1981.08	1983.09	VC	1769	HBPH8	G	WZ-004
	1977.09	1981.09	MA	1970	LA4MS	G	WPZ-007
	1978.11	1981.10	MA	1970	LA4MV, LA7MV	G	WPZ-007

				<b>CCM</b>	<b>BODY</b>		<b>SPECIFICATION</b>	 WP
								 FC
								 PL Fan

\* New Product









## MAZDA

929	1986.07	1992.09	JF	1977	HCFS V6	G	WPZ-905
	1983.09	1986.07	FE	1998	HBEP, HBES	G	WPZ-010
	1986.07	1992	FE	1998	HCEP	G	WPZ-002
	1986.07	1992	.	2184	HC12	G	WPZ-002
	1980.08	1981.07	S2	2209	LA4SS	D	WPZ-011
	1986.07	1992.09	JE	2954	HCSS V6	G	WPZ-922
B-series	1977.08	.	VC	1769	PA2V6, PA2V7 P-U	G	WZ-004
	1985.09	1996.03	FE	1998	UF1	G	WPZ-012
	1991.08	1999.01	F2L8	2184	UF2	G	WPZ-002
	1989.12	1996.03	R290/R2TB	2184	UF2	D	WPZ-906
	1999.02	.	R5A2	2184	UN1	G	WPZ-002
	1985.12	1996.12	R2	2209	UF1Y	G	WPZ-014
	1981.10	.	R2/S2	2209	JM2UD P-U	G	WPZ-014
	1996.04	1999.01	S531	2499	UF	G	WPZ-906
	1999.06	2002	WL	2499	UN	D	WPZ-906
	1999.02	.	WL-T	2499	UN1 T	D	WPZ-906
	1999.02	2002	R585	2600	UN1	G	WPZ-906
	1989.11	1996.03	G6	2605	UF66M P-U & WGN	G	WPZ-906
	1994	1998	.	4000	.	G	WPZ-929*
E2000	1984	1988	FE18/FEV4	1998	SR1	G	WPZ-012
E-series	1977.07	1978.09	TC	1272	BA2T8	G	WZ-004
	1978.09	1983.08	UC	1415	BA2U8, BA3U8	G	WZ-004
	1977.07	1983.11	NA	1586	BA2N9, BA2N8	G	WZ-005
	1978.09	1980.11	VC	1769	BA2V8H, BA2V9H	G	WZ-005
	1980.11	1983.08	VC	1769	BA2V8H, BA2V9H	G	WZ-005
	1983.05	1988	FE	1998	SR to chss nr 600000	G	WPZ-012
	1988	1998.03	FE	1998	SR fr chss nr 600001	G	WPZ-002
	1995.08	1999	RF	1998	SSF8W	D	WPZ-002
	1983.05	1987.08	R2	2184	SR2AV, SR2AT	D	WPZ-014
	1986.11	1988	R2	2184	SS28R, SD29, SR2 4WD	D	WPZ-014
	1987.09	1988	R2	2184	SR2, SD2, SD29, SR29	D	WPZ-014
	1988.01	1988	R2	2184	SR2, SD29, SS28 4WD	D	WPZ-014
	1993.08	.	R2	2184	SD2AT, SE28T, SS28V/T	D	WPZ-014
	1979.09	1983.12	S2	2209	BA2S8, BA2S9	D	WPZ-011
MPV	1999.05	2002-04	FS-G	1991	LWEW	G	WZ-003*
	2002.04	2003.08	L332	2261	LW3W	G	WPZ-029V*
	1996.05	1999.08	WL-T	2499	LVLR T	D	WZ-014
	1996.05	1999.08	JE	2954	LVEW V6	G	WZ-014
MX-3	1991.05	1993.10	B6	1598	EC13	G	WPZ-903*
	1991.05	1994.01	K8	1845	EC8 V6	G	WPZ-002
MX-5 MIATA	1989.06	1997.12	B6-Z	1597	NA6CE w/ ABS	G	WPZ-003
	1989.06	1997.12	B6-Z	1597	NA6CE w/o ABS	G	WPZ-003
	1998.01	2005.10	B6-Z	1597	NB6C	G	WPZ-903
	1998.01	2005.10	BP-ZE	1839	NB8C	G	WPZ-003
	1989.06	1997.12	BP-ZE	1840	NA8C	G	WPZ-003
MX-6	1991.07	1997.02	KF	1991	GEE	G	WPZ-904
	1991.07	1997.02	KL	2497	GE5 V6	G	WPZ-904
PREMACY	1999.07	2005.08	F5K2/3	1839	CP	G	WPZ-031V*
	1999.08	.	F5K2/3	1839	FPE1	G	WPZ-031V*
	2001.11	.	FS	1991	CP19	G	WPZ-029V*
	1999.08	2001.07	RF3F	1998	CP	D	WPZ-917*
	2000.07	2005	RF4F	1998	CP	D	WPZ-917*
RX-7	1991	.	13B	1308	FD3S BR	G	WPZ-009
	1985.09	1990	13BT	1308	FC3S, FC3C BR T	G	WPZ-916*
	1989.01	1990	13BT	1308	FC3S BR	G	WPZ-916*
	1985	1991	RE13B	1308	FC	G	WPZ-009
	1992.07	.	RE13B	1308	FD	G	WPZ-009
TRIBUTE	2000.03	.	YF	1989	EPE-W 2WD	G	WPZ-925
	2004.04	.	YF	1989	EPE-W 4WD	G	WPZ-925*
	2004.04	.	L3H5	2261	AWD	G	WPZ-932*
	2004.04	.	.	2967	V6 AWD	G	WPZ-926*
	2000.03	.	AJ	2967	EPFW V6 4WD	G	WPZ-932*
Tseries TITAN	1980.09	1983.02	XA	2522	WEW051	D	WPZ-005
	1984.01	1989	XA	2522	WE5AT	D	WPZ-005
	1989.05	1992	XA	2522	WG5AT	D	WPZ-005

COOLING SYSTEM

MAZDA











				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

MINI							
ONE D	2003.06	2006.	1ND	1364	R50, R53	D	WPT-157*

MINI  
COOLING SYSTEM

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

## MITSUBISHI

3000GT	1990.09	1999.08	6G72	2972	Z16A V6 T 4WD	G	WPM-030	
CANTER	1974.11	1978.10	4G53	2384	T207, T217	G	WPM-054	
	1987.06	1989.10	4DR5	2659	FB300	D	WM-010*	
	1987.06	1989.10	4DR5	2659	FE300/320	D	WM-010*	
	1989.11	1993.10	4DR7	2835	FB308, 328	D	WPM-043	
	1995.01	.	4M40	2835	D501B	G	WPM-044	
	1978.10	1982.09	4D30	3298	FE101 to 131, FE211 to 231	D	WPM-020	
	1985.10	1993.10	4D30	3298	FE301/311/331/ 431	D	WPM-008	
	1982.10	1985.09	4D31T	3298	FE214 T	D	WPM-003	
	1985.10	1989.10	4D31T	3298	FE334/434/444	D	WPM-008	
	1985.10	1993.10	4D32	3567	FE305/15/25/35/55, 425	D	WPM-008	
	1996.10	1999.04	4D34	3900	FE549/FE649C/E/F/G	D	WPM-040	
	1993.10	1999.04	4D33, 4D35	4600	U-FG5_7,638	D	WPM-040	
	1993.10	1999.05	4D35	4600	KC-FE538	D	WPM-040	
CARISMA	1995.03	1999.06	4G92	1597	DA1A	G	WM-901	
	1999.06	2006.06	4G92	1597	DA1A	G	WM-901	
	1995.03	1997.07	4G93	1834	DA2 MSX 140HP	G	WM-901	
	1995.03	1997.08	4G93	1834	DA2A 115HP	G	WM-901	
	1997.08	2000	4G93	1834	DA2 GDI 125HP	G	WM-901	
	1996.09	1999	F8QT	1870	DA4A T	D	WPM-904	
	2000.09	2006.06	F9Q1	1870	DA_ 102HP	D	WE-RE01A* PULLEY 54,2mm	
	2000.09	2006.06	F9Q2	1870	DA_ 115HP	D	WE-RE01A* PULLEY 54,2mm	
	2000.09	2006.06	F9Q2	1870	DA5 DI-D T	D	WE-RE01A PULLEY 54,2mm	
CHALLENGER	1998.11	2000.09	4D56T	2477	K94W/V64W/V74W	D	WPM-029	
	1996.05	1999.05	4M40	2835	K97WG	D	WPM-047	
	1996.05	2001.09	G72DOHC	3000	K96W	G	WPM-035	
COLT	2004	.	.	1124	.	G	WE-SM01A	
	1984.01	1988.12	4G16	1198	C15A	G	WPM-001	
	1987.09	1990.05	4G13	1298	C51A, C61A	G	WPM-001	
	1990.05	1991	4G13	1298	C51A, C61A	G	WPM-001	
	1996.03	2000	4G13	1298	CJ1A	G	WPM-055	
	1983.10	1987.08	G13B	1298	C11A, C11V	G	WPM-001	
	1991.12	1996.03	4G13	1299	CA1A	G	WPM-001	
	2004.10	.	4A91	1332	Z24A, Z24W	G	WE-SM01A	
	1978.03	1983.09	G12B	1410	A152A, A156A	G	WPM-001	
	1981.12	1983.09	G12BT	1410	A152A	G	WPM-001	
	1981.12	1983.09	G12BT	1410	A156A T	G	WPM-001	
	1987.09	1990.06	4G15	1468	C52A, C62A	G	WPM-001	
	1987.09	1990.06	4G15	1468	C52A, C62A MPI	G	WPM-001	
	1990.06	1991.11	4G15	1468	C52A, C62A	G	WPM-001	
	1990.06	1991.11	4G15	1468	C52A, C62A MPI	G	WPM-001	
	1983.10	1987.08	G15B	1468	C12A, C12V, C12W	G	WPM-001	
	2004	.	.	1499	.	G	WE-SM01A	
	1987.09	1990	4G61	1595	C53A, C63A	G	WP-3711A*	
	1989.09	1990	4G61	1595	C83A	G	WP-3711A*	
	1983.10	1988	4G32T	1597	C13A T	G	WPM-009	
	1991.12	1996.03	4G92	1597	CA4	G	WPM-003	
	1991.12	1996.03	4G92	1597	CC4 4WD	G	WPM-003	
	1996.03	2000.09	4G92	1597	CJ4A	G	WPM-033*	
	1979.03	1983.09	G32B	1597	A153A, A157A	G	WPM-009	
	1983.10	1987.08	G32BT	1597	C13A T	G	WPM-009	
	1983.10	1987.08	4D65	1795	C14A	D	WPM-011	
	1987.09	1990.05	4D65	1795	C54, C64	D	WPM-017	
	1990.08	1991.11	4D65	1795	C54, C64	D	WPM-017	
	1991.08	1994	4D65	1795	CD7A	D	WPM-017	
	1991	1996.03	4G93	1834	CA5A GTI	G	WM-901	
	1989.11	1991	4G67	1836	C58 GTI	G	WPM-009	
	CORDIA	1982.02	1987.10	G32B	1597	A212A	G	WPM-009
		1982.02	1984.07	G32BT	1597	A212 T	G	WPM-009
1982.02		1984.07	G62B	1795	A213A	G	WPM-010	
1983.06		1985.07	G62BT	1795	A213A T	G	WPM-010	
1984.07		1989.10	G62BT	1795	A213A T	G	WPM-010	



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SPECIFICATION



WP



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\* New Product

# MITSUBISHI

ECLIPSE	1989.09	1993.05	4G63	1997	D22A GS	G	WPM-012
	1995.08	1998.02	4G63	1997	D32	G	WPM-048
	1989.09	1993.05	4G63-T	1997	D27A GSR4 T	G	WPM-012
GALANT	1976.05	1980.05	4G32	1597	A121, A131	G	WPM-006
	1987.08	1990.05	4G32	1597	E31A	G	WPM-009
	1990.05	1992.10	4G32	1597	E31A	G	WPM-009
	1980.05	1983.07	G32B	1597	A161	G	WPM-004 FC: FCM-003*
	1983.08	1987.08	G32B	1597	E11A	G	WPM-009
	1987.08	1990.05	4G37	1755	E32A	G	WPM-009
	1990.05	1992.09	4G37	1755	E32A	G	WPM-009
	1984.03	1986.06	4D65T	1795	E14A T	D	WPM-011
	1986.06	1988	4D65T	1795	E14A T	D	WPM-017
	1988.01	1990.05	4D65T	1795	E34 T	D	WPM-017
	1990.06	1992.06	4D65T	1795	E34 T	D	WPM-017
	1986.01	1987.08	G62B	1795	E13A	G	WPM-010
	1992.02	1997.03	4G93	1834	E52 2WD	G	WPM-003
	1976.05	1978.05	4G52	1995	A123, A133	G	WP-4752A
	1977.08	1980.05	G52B	1995	A123, A133	G	WPM-912
	1987.08	1992.09	4G63	1997	E33A/E39A 4WS	G	WPM-056
	1990.01	1992.09	4G63	1997	E39A 4WD	G	WPM-056
	1992.02	1997.03	4G63	1997	E55A 16V	G	WPM-048
	1997	2000	4G63	1997	EA2A 16V	G	WP-7801
	1983.08	1985.12	4G63B	1997	E15A	G	WPM-010
	1983.08	1985.12	4G63BT	1997	E15A T	G	WPM-010
	1984.04	1985.12	4G63BT	1997	E15A TWI	G	WPM-010
	1986.01	1988	4G63BT	1997	E15A TWI	G	WPM-010
	1987.09	1989.07	4G63T	1997	E39A TWI 4WS	G	WPM-012
	1980.04	1981.07	G63B	1997	A163	G	WP-4772A*
	1980.04	1983.07	G63B	1997	A164	G	WPM-004
	1981.08	1984.08	G63B	1997	A163	G	WPM-004
	1986.01	1986.07	G63B	1997	E15A	G	WPM-010
	1980.11	1983.07	G63BT	1997	A164 T	G	WPM-004
	1992.02	1996.09	4D68T	1998	E57A TDI	D	WPM-046
	1997	.	4D68T	1998	EA6A TDI	D	WPM-048
	1992.02	1996.08	6A12	1999	E54A V6	G	WPM-037
	1980.04	1983.07	4D55	2346	A167A	D	WPM-002
1992.02	1997.03	6G73	2497	E88A, F13 V6	G	WPM-030	
1997	2000.09	6A13	2498	EA5A V6	G	WPM-037	
GRANDIS	2004.04	.	4G69	2378	NA4W	G	WPM-902*
L200	1996.11	.	4G64SI	2351	K75T	G	WPM-002
L200 pick-up	1981.09	1991.06	4G63	1997	K12/22T	G	WPM-004
	1987.12	1995.12	4G63	1997	K22T 4WD	G	WPM-004
	1982.10	.	4D55	2346	L028P, L028G	D	WPM-002
	1987.01	1996.12	4D56	2476	K14T 2WD, K24T 4WD	D	WPM-002
	1997.01	1997.08	4D56	2476	K64 2WD	D	WPM-029
	1992.07	1996.12	4D56T	2476	K34T 4WD	D	WPM-029
	1997.01	.	4D56T	2476	K74T 4WD	D	WPM-029
L300	1979.06	1982.09	4G33	1439	L031P	G	WPM-006
	1982.10	1986.03	G33B	1439	L036P	G	WPM-006
	1986.04	1994	G33B	1439	P01V	G	WPM-006
	1979.06	1986.10	4G32	1597	L032P, L034P	G	WPM-006
	1982.08	1986.03	4G32	1597	L033P, L062P	G	WPM-006
	1986.04	1994.12	G32B	1597	P02V, P12V, L063P	G	WPM-006
	1981.08	1986.03	G62B	1795	L035P	G	WPM-004
	1983.11	1986.03	G63B	1997	L037G 4WD	G	WPM-004
	1986.04	1995.12	G63B	1997	P03W, P13	G	WPM-004
	1986.04	1992.04	G63B	1997	P23W, P23V 4WD	G	WPM-004
	1996.01	1999.04	G63B	1997	P03W, P13	G	WPM-004
	1982.10	1986.03	4D55	2346	L038P, L068P, L068PW	D	WPM-002
	1986.11	1994.05	4G64	2351	P04, P14, P24V/W	G	WPM-004
	1986.04	1994.09	4D56	2476	L039P	D	WPM-002
	1986.04	1999.08	4D56	2476	P05V, P15V/W, P25V 2&4WD	D	WPM-002
	1986.04	1994	4D56T	2476	P05W, P25W 2&4WD T	D	WPM-002
	L400	1996.09	1999.04	4G63	1997	PA3V, PB3V	G

COOLING SYSTEM

MITSUBISHI



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SPECIFICATION



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


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L400	1996.09	1999.04	4G64	2351	PA4V, PD4V	G	WPM-038
	1996.09	1999.04	4D56	2476	PA5V/W, PB5V, PD5V T	D	WPM-002
LANCER	1978.03	1986.12	G11B	1244	A171A	G	WP-3790A*
	1987.09	1993.12	4G13	1298	C51A, C61A	G	WPM-001
	1996	2001.07	4G13	1298	CK1A	G	WPM-055
	1983.10	1987.08	G13B	1298	C11A, C11V FWD SDN, WGN	G	WPM-001
	1991.12	1996.02	4G13M	1299	CB1A	G	WPM-001
	1980.01	1986.12	G12B	1410	A172A	G	WP-3790A*
	1973.02	1977.06	4G33	1439	A72	G	WPM-006
	1987.08	1992.04	4G15	1468	C52A, C62A	G	WPM-001
	1987.08	1992.04	4G15	1468	C52A, C62A MPI	G	WPM-001
	1983.10	1987.08	G15B	1468	C12A, V, W SDN, WGN, VAN FWD	G	WPM-001
	2008.02	.	.	1499	.	G	WE-SM01A*
	2003.12	.	4G18	1584	CS3A	G	WPM-033*
	1991.08	1995.10	6A10	1587	CB6	G	WPM-037
	1987.09	1991.12	4G61	1595	C53A, C63A	G	WP-3711A*
	1973.02	1973.09	4G32	1597	A73, A77	G	WP-8790*
	1973.06	1977.06	4G32	1597	A73, A77	G	WP-8790*
	1991.12	1996.02	4G92	1597	CD4 4WD	G	WPM-003
	1977.07	1979.02	G32B	1597	A144A	G	WPM-006
	1979.03	1986.12	G32B	1597	A174A	G	WPM-006
	1983.10	1987.08	G62B-T	1597	C13A T FWD	G	WPM-004
	1986.07	1992.09	4G37B	1755	C37G 4WD	G	WPM-009
	1983.10	1987.08	4D65	1795	C14A	D	WPM-011
	1987.08	1991.12	4D65	1795	C54A, C64A	D	WPM-017
	1991.08	1992.10	4D65	1795	CD7A	D	WPM-046
	1980.10	1981.09	G62B	1795	A175A	G	WPM-004
	1990.04	1996	4G67/93	1834	CB5	G	WPM-003
	1977.07	1979.05	4G52	1995	A78M	G	WP-4752A*
	2003.12	.	4G63	1997	CS9A	G	WPM-902*
	1981.01	.	G63BT	1997	A176A T	G	WPM-004
	1992.04	1999.05	4D68	1998	CB8	D	WPM-048
LANCER SPORTBACK	2008.06	.	.	1499	.	G	WE-SM01A*
LANCER-F	1981.08	1983.09	G12B	1410	A156A FWD	G	WPM-001
OUTLANDER	2003	2007	4G63	1997	CU2W	G	WPM-902*
	2003.05	2007	4G63	1997	CU2W 4WD	G	WPM-911
	2003	2007	4G69	2378	CU4W	G	WPM-911
PAJERO	1982.04	1986.02	G63B	1997	L041G	G	WPM-004
	1982.04	1986.05	4D55	2346	L043G, L048G T	D	WPM-002
	1991.06	1994.08	4G64	2351	V21	G	WPM-058
	1986.06	1987.08	4D56	2476	L044G, L049G	D	WPM-016
	1987.09	1991.02	4D56	2476	L044G, L049G	D	WPM-016
	1986.04	1987.05	4D56T	2476	L044G, L049G T	D	WPM-002
	1987.06	1991.02	4D56T	2476	L044G, L049G T	D	WPM-002
	1988.09	1991.02	4D56T	2476	L144, L149G TWI	D	WPM-002
	1990.10	1999.08	4D56T	2476	V14/24/34/44	D	WPM-029
	1991.01	1997.05	4D56T	2476	V24C/N/W/WG	D	WPM-029
	1998.11	2002	4D56/4D56T	2477	V64W, V94W	D	WPM-029
	1986.06	1988.11	4G54/G54B	2555	L042G, L047G	G	WP-4752A
	1988.11	1991	4G54/G54B	2555	L042G, L047G	G	WP-4752A
	1982.04	1986.05	G54B/4G54	2555	L042G, L047G	G	WP-4752A
	1993.11	1999.08	4M40	2835	V26, V46 TDI	D	WPM-047* w/o pulley
	1993.11	1999.08	4M40	2835	V26, V46 TDI	D	WPM-908 w pulley
	1994.06	1999.08	4M40T	2835	V26WG	D	WPM-047
	1983.01	1991.04	6G72	2972	L141, L146 V6	G	WPM-058
	1991.01	1997.03	6G72	2972	V23/43 V6	G	WPM-013
	1998.11	.	K90	2972	.	G	WPM-035
	2000.04	.	4M41	3200	V60 DI-D	D	WPM-047* w/o pulley
	2000.04	.	.	3497	V60 GDI, V6	D	WPM-910
	1993.11	1997.10	6G74	3497	V25, V45	G	WPM-031
1999.06	.	6G74	3497	V65, V75 GDI, V6	G	WPM-910	



				<b>CCM</b>	<b>BODY</b>		<b>SPECIFICATION</b>	 WP
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


\* New Product

## MITSUBISHI

PAJERO PININ	1998.03	2000.06	4G93	1834	H66W	G	WPM-033*
	2000.06	2002.09	4G94	1998	H67W, H77W	G	WPM-033
PAJERO SPORT	1998.11	1999.04	4D56T	2476	K94 T	D	WPM-029
	1998.11	2000	6G72	2972	K96 V6	G	WPM-912
SAPPORO	1980.05	1983.07	G32B	1597	A161	G	WPM-006
	1980.04	1983.07	G62B	1795	A162	G	WP-4772A*
	1977.08	1980.04	G52B	1995	A133	G	WP-4752A
	1980.05	1983.08	G63B	1997	A163	G	WP-4772A*
	1982.09	1983.11	G63B	1997	A163	G	WPM-004
	1980.11	1983.09	G63BT	1997	A164	G	WPM-004
	1987.07	1990	G64B	2351	E16A	G	WPM-004
SIGMA	1991	1994	6G72	2972	F16A estate	G	WPM-014
	1993.01	1996	6G72	2972	F07W estate	G	WPM-029
SPACE GEAR	1994.12	2000.05	4G63	1997	PA3W	G	WPM-038
	1994.12	2000.05	4G64	2351	PA4W	G	WPM-038
	1994.12	2000.05	4G64	2351	PD4W 4WD	G	WPM-038
	1994.12	2000.05	4D56	2476	PA5W T	D	WPM-029
	1994.12	2000.05	4D56	2476	PD5W 4WD T	D	WPM-029
SPACE RUNNER	1991	1999	4G93	1834	N21 4WD	G	WPM-003
	1991.06	1999	4G93	1834	N11	G	WPM-003
	1997	.	4G63	1997	N73	G	WPM-911*
	1992	1999	4D68T	1998	N18 T	D	WPM-046
	1997	.	4G64	2351	N64 GDI	G	WPM-057
SPACE STAR	1998.06	2002	4G93	1834	DG5A GDI	G	WPM-033
	2001.02	.	F9Q1	1870	DG4, GG4 DI-D T	D	WE-RE01A PULLEY 54,2mm
SPACE WAGON	1983.01	1984.04	G32B	1597	D02W	G	WPM-009
	1984.05	1986.08	G32B	1597	D02W	G	WPM-009
	1991.05	1992	4G93	1755	N31W	G	WPM-003
	1991.05	1992	4G93	1755	N41W 4WD	G	WPM-003
	1984.06	1988	G37B	1755	D05W	G	WPM-009
	1984.09	1991.05	4D65T	1795	D09W T	D	WPM-011
	1991.05	1998	4D65T	1795	N35W T	D	WPM-017
	1983.01	1986.08	G62B	1795	D03W	G	WPM-010
	1992	1997.10	4G63	1997	N43 4WD	G	WPM-048
	1992.06	1998	4G63	1997	N33	G	WPM-048
	1984.05	1991	G63B	1997	D08W 4WD	G	WPM-010
	1985.03	1988	G63B	1997	D04W	G	WPM-010
	1992	1998	4D68T	1998	N38 T	D	WPM-046
	1997	.	4G64	2351	N34 GDI	G	WPM-048
	1998	.	4G64	2351	N84, N94 GDI	G	WPM-057
STARION	1982.04	1989.04	4G63B-T	1997	A183A, A184A	G	WPM-004
	1982.04	1983.05	G63B	1997	A182A	G	WPM-004
	1989.03	1991.09	4G54T	2555	A187A	G	WPM-019
T 600 series	1972	1976.03	6DS3	5430	T653	D	WPT-042*
	1964	1971	6DS1		T620/622/623/625/630	D	WPT-042*
T 800	1967	1974.10	8DC2	13273	T801, T811	D	WPT-001A*
TREDIA	1982.02	1984.07	G12B	1410	A211A	G	WPM-001
	1982.02	1985.05	G32B	1597	A212A	G	WPM-009
	1982.02	1984.07	G32BT	1597	A212A T	G	WPM-009
	1982.02	1984.07	G62B	1795	A213A	G	WPM-010
	1983.06	1985.07	G62BT	1795	A213A T	G	WPM-010

COOLING SYSTEM









MITSUBISHI

				CCM	BODY		SPECIFICATION	 WP
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\* New Product

## NISSAN

100A (CHERRY)	1970.10	1973.12	A10	988	E10 DATSUN 100A	G	WPN-021
	1973.12	1974.09	A10	988	E10 DATSUN 100A	G	WPN-021
100A FII (CHERRY)	1974.09	1978.02	A10	988	F10 DATSUN 100A FII	G	WPN-021
	1978.02	1978.05	A10	988	F10 DATSUN 100A FII	G	WPN-021
100NX	1990.10	1996.07	GA16DE	1597	B13 CPE	G	WPN-001
	1990.10	1992.10	SR20DE	1998	B13 CPE	G	WPN-014
	1992.10	1995.09	SR20DE	1998	B13 CPE	G	WPN-014
120A (CHERRY)	1970.10	1974.09	A12	1171	E10 DATSUN 120A	G	WPN-021
120A FII (CHERRY)	1974.09	1978.02	A12	1171	F10 DATSUN 120A FII	G	WPN-021
	1978.02	1978.05	A12	1171	F10 DATSUN 120A FII	G	WPN-021
120Y (SUNNY)	1973.05	1977.10	A12	1171	B210 DATSUN 120Y	G	WPN-021
140J	1973.01	1977.05	L14	1428	710 DATSUN 140J	G	WPN-042A
180SX	1989.03	1991.01	CA18DT	1800	KRS13, RS13 TCT	G	WPN-024
	1991.01	1999.12	SR20DT	2000	KRPS13, RPS13 TCT	G	WPN-068
200C (CEDRIC)	1975.06	1981.03	L20	1998	330 DATSUN 200C	G	WPN-013
200L (LAUREL)	1977.01	1980.10	L20	1998	C230 DATSUN 200L	G	WPN-013
200SX	1988.09	1990	CA18DET	1809	S13 T	G	WPN-024 FC: VN-806
	1989.04	1991.09	CA18DET	1809	S13 T	G	WPN-024
	1990	1991.12	CA18DET	1809	S13 T	G	WPN-024 FC: VN-806
	1991.09	1995	CA18DET	1809	S13 T	G	WPN-024 FC: VN-806
	1993.10	1999.12	SR20DET	1998	S14 T	G	WPN-084
240Z	1969	1973.07	L24	2393	S30 DATSUN 240 Z	G	WPN-013
280ZX	1978.06	1983.06	L28	2753	S130 DATSUN 280ZX	G	WPN-013
300ZX	1989.02	1995	VG30DE	2960	Z32	G	WPN-016
	1989.02	1992.04	VG30DET	2960	Z32 T	G	WPN-016
	1992.04	1994.11	VG30DET	2960	Z32 T	G	WPN-016
	1983.07	1987.12	VG30E	2960	Z31 300 ZX	G	WPN-019
	1987.02	1989.12	VG30E	2960	Z31 300 ZX	G	WPN-011
	1984.01	1987.02	VG30ET	2960	Z31 300 ZX T	G	WPN-019
	1987.02	1989.10	VG30ET	2960	Z31 300 ZX T	G	WPN-019
350Z	2003.10	.	VQ35DE	3498	Z33	G	WPN-093*
ALMERA	1995.10	1997.09	GA14DE	1392	N15	G	WPN-001
	1997.09	2000.	GA14DE	1392	N15	G	WPN-001
	1995.10	1998.09	GA16DE	1597	N15	G	WPN-001
	1995.10	2000.07	CD20	1973	N15	D	WPN-009
	1995.10	2000.	SR20DE	1998	N15 GTI	G	WPN-014
ALMERA II	2003	2004.03	K9K	1461	DCI	D	WE-RE02A
	2000.03	.	QG15DE	1497	N16	G	WPN-091*
	2000	2002	QG18DE	1769	N16	G	WPN-091*
	2003.05	.	YD22DDT	2184	N16 T	D	WPN-909
	2000.04	2003.05	YD22DDTI	2184	N16 T	D	WPN-091*
ALMERA TINO	2000.04	.	QG18DE	1769	V10	G	WPN-091*
	2000.04	2003.05	SR20DE	1998	V10	G	WPN-014
	2000.04	2003.05	YD22DDTI	2184	V10	D	WPN-909
BASSARA	1999.11	2001.08	KA24	2389	U30	G	WPN-060*
BLUEBIRD	1976.07	1979.10	L/Z16	1595	810, 811	G	WPN-042A
	1979.10	1982.09	L/Z16	1595	910	G	WPN-027
	1982.10	1983.10	CA16S	1598	910	G	WPN-027
	1983.10	1987.09	CA16S	1598	U11	G	WPN-033
	1985.10	1990	CA16S	1598	T12	G	WPN-020
	1986.07	1988.08	CA16S	1598	T72 made in UK	G	WPN-020
	1987.09	1989	CA16S	1598	U12	G	WPN-061
	1988.09	1990	CA16S	1598	T72 made in UK	G	WPN-020
	1979.10	1982.09	Z18S	1770	910	G	WPN-027
	1986.07	1988.08	CA18NS	1796	T72 made in UK	G	WPN-033
	1988.08	1990	CA18NS	1796	T72 made in UK	G	WPN-033
	1982.10	1983.10	CA18	1809	910	G	WPN-024
	1983.10	1985.08	CA18	1809	U11	G	WPN-033
	1985.08	1987.09	CA18	1809	U11	G	WPN-033
	1987.09	1990	CA18D	1809	U12 4WD	G	WPN-024
	1988.01	1990	CA18DE	1809	T12	G	WPN-020
1987.09	1990	CA18DET	1809	U12 T 4WD	G	WPN-024	









				<b>CCM</b>	<b>BODY</b>		<b>SPECIFICATION</b>	 WP
								 FC
								 PL Fan

\* New Product

# NISSAN

BLUEBIRD	1985.08	1987.09	CA18ET	1809	U11 T	G	WPN-033	
	1985.10	1988.01	CA18ET	1809	T12, T72 T	G	WPN-020	
	1988.08	1990	CA18ET	1809	T72 T made in UK	G	WPN-020	
	1987.09	1989.10	CA18I	1809	U12 2WD	G	WPN-020	
	1980.03	1980.12	LD20	1952	910	D	WPN-066	
	1981.01	1983.10	LD20	1952	910	D	WPN-066	
	1983.10	1985.08	LD20	1952	U11	D	WPN-018	
	1985.09	1987	LD20	1952	U11	D	WPN-018	
	1985.12	1988.01	LD20	1952	T12	D	WPN-018	
	1988	1990	LD20	1952	T72 made in UK	D	WPN-008	
	1981.02	1983.10	LD20T	1952	910	D	WPN-066	
	1981.02	1983.10	LD20T	1952	910 w/ power steering	D	WPN-072	
	1983.10	1990.05	LD20T	1952	U11 T	D	WPN-018	
	1979.10	1983.10	Z20S	1952	910	G	WPN-027	
	1986.01	1990	CA20E	1973	T12	G	WPN-033	
	1988.08	1990	CA20E	1973	T72 made in UK	G	WPN-020	
	1983.10	1985.08	CA20S	1973	U11	G	WPN-033	
	1986.01	1990.09	CA20S	1973	T12	G	WPN-033	
	1987.07	1988	CA20S	1973	T72 made in UK	G	WPN-033	
	1988.02	1990	CA20S	1973	U12 for Europe	G	WPN-033	
	1988.08	1990	CA20S	1973	T72 made in UK	G	WPN-033	
	1987.09	1991.08	LD20-II	1998	U12	D	WPN-018	
	1986.01	1987	VG20E	1998	U11	G	WPN-033	
	CABSTAR	1979.09	1981.12	J16	1567	F20, F21	G	WPN-036
1982.01		1984.09	Z16	1595	F22	G	WPN-013	
1992.01		1995.06	NA16	1600	F23	G	WPN-056	
1992.08		2000.12	NA20S	1952	F23	G	WPN-056	
1982.01		1984.09	Z20	1952	F22	G	WPN-013	
1984.10		1990.07	Z20	1952	F22	G	WPN-013	
1976.01		1979.08	SD22	2164	F20, F21	D	WPN-043	
1979.08		1981.12	SD22	2164	F20, F21	D	WN-043*	
1981.12		1984.06	Z22S	2187	H40	G	WPN-013	
1984.06		1986.10	Z22S	2187	H40	G	WPN-013	
1982.01		1986.10	SD23	2289	F22	D	WPN-043	
1982		1992	TD23	2289	F22	D	WPN-006	
1982.01		1985.03	SD25	2488	F22	D	WPN-086	
1985.03		1986.10	TD25	2488	F22	D	WPN-006	
1989.02		1990.07	TD25	2488	F22	D	WPN-006	
1990.07		.	TD25	2488	F22	D	WPN-006	
1992.01		2000.12	TD25	2488	F23	G	WPN-006	
1992.10		1998	TD25	2488	F23	D	WPN-082A*	
1986.11		1992.01	TD27	2663	F22	D	WPN-006	
1989.05		1991.10	BD30T	2953	H40	D	WPN-006	
1981.12		1984.06	ED33	3298	H40	D	WPN-034	
1986.10		1990.06	ED33	3298	H40	D	WPN-076	
1986.11		1991.10	FD35	3465	H40	D	WPN-076	
1991.10		1995.05	FD42	4200	..H41	D	WPN-040	
1992.10		1995.05	FD42	4200	..H41 4WD	D	WPN-040	
1992.10		1995.05	FD46	4600	..H41	D	WPN-040	
CEDRIC		1983.10	1987.08	CA20S	1973	Y30	G	WPN-024
		1981.04	1983.07	L20	1998	430	G	WPN-013 FC: VN-801
	1979.06	1983.09	SD22	2164	430	D	WPN-043	
	1981.04	1984.02	L28	2753	430	G	WPN-013	
	1979.07	1981.03	LD28	2792	430	D	WPN-079 FC: VN-801	
	1981.04	1988.08	LD28	2792	430	D	WPN-079 FC: VN-815	
	1983.07	1987.12	LD28	2792	Y30	D	WPN-062 FC: VN-801	
	1987.06	.	RD28	2825	Y31	D	WPN-010 FC: VN-801	
	1987.05	1989.05	VG30	2960	Y30	G	WPN-019	
	1987.09	1991.06	VG30	2960	Y31	G	WPN-052 FC: VN-803	
CHERRY	1978.05	1981.07	A10	988	N10	G	WPN-021	









NISSAN COOLING SYSTEM

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

## NISSAN

CHERRY	1981.08	1982.06	E10	988	N10	G	WPN-003
	1982.04	1986	E10	988	N12	G	WPN-003
	1978.05	1981.07	A12	1171	N10	G	WPN-021
	1981.08	1982.06	E13	1270	N10	G	WPN-003
	1982.04	1986.05	E13S	1270	N12	G	WPN-003
	1978.05	1981.02	A14	1397	N10	G	WPN-021
	1981.08	1982.06	E15	1487	N10	G	WPN-003
	1982.04	1986.05	E15S/E	1488	N12	G	WPN-003
	1982.10	1986.05	CD17	1681	N12	D	WPN-037
CIVILIAN	1976.05	.	H20	1982	340	G	WPN-047
	1984.06	.	Z22	2187	W40	G	WPN-013 FC: VN-813
INTERSTAR	2002.07	.	F9Q772	1870	X70 Dci 82HP	D	WE-RE01A PULLEY 54,2mm
	2002.07	.	G9T722	2188	X70 Dci 90HP	D	WE-RE01A*
	2006.02	.	G9T722	2188	DCI	D	WPN-913*
	2002.07	.	G9U720	2463	X70 Dci 100HP / 115HP	D	WE-RE01A*
KUBISTAR	2003	2004.04	K9K	1461	.	D	WE-RE02A
LAUREL	1980.11	1984.10	L20B	1952	JC31	G	WPN-013
	1980.11	1984.10	L24S/L24E	2393	JC31	G	WPN-013
	1984.11	1989.12	L24S/L24E	2393	JC32	G	WPN-079
	1980.11	1982.09	L28E	2753	JC31	G	WPN-013
	1980.11	1984.12	LD28	2793	JC31	D	WPN-079
	1985.01	1987.10	LD28	2793	JC32	D	WPN-062
	1986.10	1993.04	RD28	2825	JC32	D	WPN-010
	1984.11	1987.02	VG30	2960	JC32	G	WPN-019
	1987.02	.	VG30	2960	JC32	G	WPN-019
MAXIMA	1988.08	1991.11	VG30E	2960	J30	G	WPN-019
	1991.11	1994.09	VG30E	2960	J30	G	WPN-019
MAXIMA QX	1994.11	2000.10	VQ20DE	1995	A32 V6	G	WPN-070
	1994.11	2000.10	VQ30DE	2988	A32 V6	G	WPN-070
MICRA	1982.10	1985.06	MA10	988	K10	G	WPN-035
	1985.06	1992.07	MA10	988	K10	G	WPN-035
	1982.10	1985.02	MA10T	988	K10 T	G	WPN-035
	1985.02	1989.01	MA10T	988	K10 T	G	WPN-035
	1989.01	1992.01	MA10T	988	K10 T	G	WPN-015
	1985.07	1992.07	MA12	1235	K10	G	WPN-015
MICRA 2	1989.01	1992.01	MA10	988	K10	G	WPN-015
	1992.08	1998.02	CG10DE	998	K11	G	WPN-063
	1998.02	2003	CG10DE	998	K11	G	WPN-063
	1992.08	1995.09	CG13DE	1275	K11	G	WPN-063
	1995.09	2003	CG13DE	1275	K11	G	WPN-063
	2000.09	2003.02	CGA3DE	1348	K11 16V 82HP	G	WPN-063
	1998.02	2003.02	TD15	1527	K11	D	WE-CI01
MICRA 3	2003.01	2006.03	CR10DE	998	K12	G	WPN-918*
	2003.01	2006.03	CR12DE	1240	K12	G	WPN-918*
	2003.01	2006.03	CR14DE	1386	K12	G	WPN-918*
	2003.01	2004.03	K9K	1461	K12 DCI	D	WE-RE02A
MICRA 4	2010.	.	1200	TURBO	G	WPN-918*	
MURANO	2005.03	.	VQ35DE	3498	PNZ50	G	WPN-093*
NAVARA	2001.11	2005.04	YD25DDTi	2488	D22	D	WPN-905
	2005.05	.	YD25DDTi	2488	R51	D	WPN-905*
NOTE	2006	.	CR14DE	1386	E11	G	WPN-918*
	2006	.	K9K	1461	E11 -50Kw	D	WE-RE02A
	2006	.	K9K	1461	E11 -63Kw	D	WE-RE02A
PATHFINDER	2005	.	YD25DDTi	2488	R51	D	WPN-905
	2005.09	.	VQ40DE	3954	R51	G	WPN-093*
PATROL	1979.11	1983.07	L28	2753	160	G	WPN-079
	1983.08	1985.01	L28	2753	160	G	WPN-079
	1984.11	1989.02	L28	2753	260	G	WPN-079
	1985.01	1988.08	L28	2753	K160/W160	G	WPN-013
	1990.09	1995.11	RD28T	2820	W260	D	WPN-010 FC: VN-819
	1988.09	1991.10	RD28T	2825	JN#Y60 T made in Japan	D	WPN-010 FC: VN-819

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

## NISSAN

PATROL	1988.09	1991.10	RD28T	2825	VSK#Y60 T made in Spain	D	WPN-010 FC: VN-819	
	1991.10	1996.03	RD28T	2825	JN#Y60 T made in Japan	D	WPN-010 FC: VN-819	
	1991.10	1996.03	RD28T	2825	VSK#Y60 T made in Spain	D	WPN-010 FC: VN-819	
	1996.03	1997	RD28T	2825	JN#Y60 T made in Japan	D	WPN-010	
	1996.03	1997	RD28T	2825	VSK#Y60 T made in Spain	D	WPN-010	
	1997.10	2000.05	RD28TI	2826	Y61 DI	D	WPN-094*	
	2000.02	2000.08	ZD30DDTI	2953	Y61 DI Long Wheel basis	D	WPN-914*	
	2000.02	2004.07	ZD30DDTI	2953	Y61 DI Short Wheelbase	D	WPN-914*	
	2000.08	2004.07	ZD30DDTI	2953	Y61 DI long wheel base	D	WPN-914*	
	1979.11	1983.08	SD33	3246	160	D	WPN-026	
	1983.08	1984.07	SD33	3246	160	D	WPN-026	
	1984.08	1988.08	SD33	3246	160	D	WPN-026	
	1983	1990	SD33T	3246	160 T	D	WPN-026	
	1983.08	1984.07	SD33T	3246	160 T	D	WPN-026	
	1987	1988.02	SD33T	3246	Y60 T	D	WPN-026	
	1979.11	.	P40	3956	160	G	WPN-041	
	1987.08	1998.03	TB42S	4169	Y60	G	WPN-038	
	1987.08	1988.10	TD42	4169	Y60	D	WPN-025	
	1988.10	1997.03	TD42	4169	Y60	D	WPN-025	
	1997.03	1998.03	TD42	4169	Y60	D	WPN-025	
PICK-UP	1979.09	1981.11	J15	1483	720	G	WPN-036	
	1979.09	1981.11	J16	1567	720	G	WPN-036	
	1985.09	1989.09	Z16	1595	D21	G	WPN-032	
	1989.09	1995.08	NA16	1600	D21	G	WPN-056	
	1985.09	1989.09	Z20	1952	D21	G	WPN-032	
	1989.09	1997.01	NA20	2000	D21 2WD	G	WPN-056	
	1989.09	.	NA20	2000	D21 4WD	G	WPN-056	
	1979.09	1982.12	SD22	2164	720	D	WPN-039	
	1983.04	1985.01	Z22	2188	720	G	WPN-027	
	1983.01	1985.08	SD23	2289	720	D	WPN-039	
	1985.09	1987.08	SD23	2289	D21	D	WPN-039	
	1987.08	1992.08	TD23	2289	D21	D	WPN-002	
	1992.04	1995.09	KA24E	2389	D21 4WD	G	WPN-059	
	1995.09	1998.02	KA24E	2389	D21 4WD	G	WPN-059	
	1998.02	2001.11	KA24E	2389	D22	G	WPN-059	
	1982.11	1985.08	Z24	2389	720	G	WPN-027	
	1985.09	1986.10	Z24	2389	D21 2&4WD	G	WPN-027	
	1986.10	1992.04	Z24	2389	D21 2&4WD	G	WPN-027	
	1983.04	1985.08	SD25	2488	720	D	WPN-039	
	1985.09	1988	SD25	2488	D21	D	WPN-039	
	2001.11	2003.10	YD25DDTI	2488	D22	D	WPN-911	
	2005	.	YD25DDTI	2488	R51	D	WPN-905	
	1987.10	1995.10	TD25	2494	D21 2&4WD	D	WPN-002	
	1995.10	.	TD25	2494	D21 2WD	D	WPN-002	
	1995.10	1998.02	TD25	2494	D21 4WD	D	WPN-002	
	1998.02	2002	TD25TI	2494	D22	D	WPN-911	
	1988.11	1998	TD27	2663	D21	D	WPN-002	
	1987.08	1998	TD27T	2663	D21 T	D	WPN-002	
	1990.09	1995	VG30	2960	D21	G	WPN-004	
	1995	1995.10	VG30	2960	D21	G	WPN-004	
	PRAIRIE	1982.08	1985.01	E15S	1488	M10	G	WPN-003
		1985.01	1988.08	E15S	1488	M10	G	WPN-003
		1982.08	1985.01	CA18S	1809	M10	G	WPN-033
		1985.02	1987	CA18S	1809	M10	G	WPN-033
		1988.09	1992	CA20	1973	M11 2WD	G	WPN-020
		1988.09	1992	CA20	1973	M11 4WD	G	WPN-020
		1985.10	1986.08	CA20S	1973	M10	G	WPN-033
		1986.08	1988.08	CA20S	1973	M10	G	WPN-020
		1989.01	1994	KA24E	2389	M11 4WD	G	WPN-067
		1992.04	1995.12	KA24E	2389	M11 2WD	G	WPN-067
PRESAGE	1998.06	2001.08	KA24	2389	U30	G	WPN-060*	

COOLING SYSTEM

NISSAN



CCM

BODY



SPECIFICATION



WP



FC



PL Fan

\* New Product

## NISSAN

PRIMASTAR	2001.03	2000	F9	1870	DCI 80HP	D	WE-RE01A PULLEY 54,2mm
	2001.03	2002	F9Q760	1870	DCI 102HP	D	WE-RE01A PULLEY 54,2mm
	2001.03	.	F4R720/2	1998	120HP	G	WE-RE01A PULLEY 54,2mm
	2003.07	1998	G9U	2463	140HP	D	WPN-913*
PRIMERA	1990.06	1996	GA16D	1597	W10 WGN	G	WPN-001
	1990.08	1993.05	GA16DS	1597	W10	G	WPN-001
	1990.06	1993.05	GA16DS/E	1597	P10	G	WPN-001
	1993.05	1996.06	GA16DS/E	1597	P10	G	WPN-001
	1990.05	1995.06	CD20	1974	W10 WGN	D	WPN-009
	1990.06	1993.05	CD20	1974	P10	D	WPN-009
	1993.05	1996.06	CD20	1974	P10	D	WPN-009
	1995.07	1996.03	CD20	1974	W10	D	WPN-009
	1990.06	1993.05	SR20DE/I	1998	P10	G	WPN-014
	1993.05	1996.06	SR20DE/I	1998	P10	G	WPN-014
	1990.07	1992.09	SR20DI	1998	W10 WGN	G	WPN-014
	1992.09	1996	SR20DI	1998	W10 WGN	G	WPN-014
	1991.04	1993.05	SR20DI/E	1998	P10 4WD	G	WPN-014
	1993.05	1996.06	SR20DI/E	1998	P10 4WD	G	WPN-014
PRIMERA 2	1996	1998.04	GA16DE	1597	P11	G	WPN-001
	1999.06	2001.12	QG18DE	1769	P11	G	WPN-091*
	1996	1998.04	CD20T	1974	P11 T	D	WPN-009
	1998.04	2001.12	CD20T	1974	P11 T	D	WPN-009
	1996.06	2002	SR20DE	1998	P11	G	WPN-014
PRIMERA 3	2001	.	QG16DE	1597	P12	G	WPN-910
	2002.02	.	QG18E	1769	P12	G	WPN-091*
	2003.04	.	F9Q	1870	P12 DCI	D	WE-RE03A
	2001.01	.	QR20	1998	TP12	G	WPN-092*
	2002.04	.	QR20DE	1998	P12	G	WPN-092*
	2002	.	YD22DDT	2184	P12 DI 93Kw	D	WPN-909
	2003	.	.	2188	P12 DC	D	WPN-909
QASHQAI	2007	.	.	1461	J10 / 2WD / Dci	D	WE-RE02A*
	2007	.	HR16DE	1598	J10 / 2WD	G	WPN-100V*
	2007	.	.	1997	2WD	G	WPN-916*
	2007	.	.	1997	4WD	G	WPN-916*
QASHQAI+2	2007	.	HR16DE	1598	J10 2WD	G	WPN-100V*
	2007	.	MR20DE	1997	J10 2WD	G	WPN-916*
	2007	.	MR20DE	1997	J10 4WD	G	WPN-916*
R'NESSA	1997.10	2001.07	KA24	2389	N30	G	WPN-060*
SERENA	1992.10	1995.09	GA16D	1597	C23M	G	WPN-001
	1992.10	1994.09	LD20	1952	C23	D	WPN-008
	1992.10	1994.10	SR20DE	1998	C23	G	WPN-014
	1994.10	1997.12	SR20DE	1998	C23	G	WPN-014
	1994.10	.	LD23/GX3	2283	C23	D	WN-076
SILVIA	1979.03	1983.08	Z18	1770	S110	G	WPN-027
	1983.08	1993.05	CA18ET	1809	S110, S12	G	WPN-024
	1983.10	1988.09	FJ20	1990	S12	G	WPN-024 FC: VN-816
STANZA	1981.08	1985.10	CA16S	1598	T11	G	WPN-033
	1981.06	1985.10	CA18	1809	T11	G	WPN-033
SUNNY	1977.11	1981.09	A12	1171	B310	G	WPN-021 FC: VN-811
	1981.10	1985.09	E13S	1270	B11	G	WPN-003
	1986.05	1991	E13S	1270	N13 SDN, HBK	G	WPN-003
	1993.07	1995	GA14DE	1392	N14 CYC	G	WPN-001
	1990.10	1993	GA14DS	1392	N14	G	WPN-001
	1988.10	1990	GA14S	1392	N13	G	WPN-058
	1981.10	1985.09	E15S	1488	B11	G	WPN-003
	1985.09	1987.09	E15S	1488	B12	G	WPN-003
	1986.05	1988.10	E15S/E	1488	N13 SDN, HBK	G	WPN-029A* FC: VN-811
	1987.09	1989.05	GA15	1497	B12	G	WPN-058
	1987.09	1990	GA15	1497	FNB12 4WD	G	WPN-058
	1990.10	1995.06	GA16DS/E	1597	N14, Y10	G	WPN-001



CCM

BODY



SPECIFICATION



WP



FC



PL Fan









\* New Product

# NISSAN

SUNNY	1990.10	1996.12	GA16DS/E	1597	N14, Y10	.	WPN-001
	1990.10	1995	GA16DS/E	1597	N14, Y10 4WD	G	WPN-001
	1988.10	1990	GA16i	1597	GB12	G	WPN-020
	1988.10	1990	GA16i	1597	GB12 4WD	G	WPN-020
	1988.10	1990	GA16S	1597	GN13	G	WPN-020
	1988.10	1990	GA16S	1597	GN13 4WD	G	WPN-020
	1986.08	1990	CA16D	1598	B12	G	WPN-020
	1986.05	1990	CA16DE	1598	N13 SDN, HBK	G	WPN-020
	1986.06	1990	E16i	1598	N13, B12	G	WPN-003
	1986.05	1988.10	E16S	1598	N13	G	WPN-003
	1986.08	1988.10	E16S	1598	N13 4WD	G	WPN-003
	1982.10	1985.09	CD17	1680	B11	D	WPN-037
	1985.09	1990	CD17	1680	B12	D	WPN-012
	1986.05	1990	CD17	1680	N13 SDN, HBK	D	WPN-012
	1986.08	1990.01	CA18D	1809	B12	G	WPN-020
	1987.08	1990	CA18DE	1809	N13 SDN, HBK	G	WPN-020
	1990.10	1997	CD20	1973	N14, Y10	D	WPN-009
	1990	1996	SR20DE	1998	N14 GTI	G	WPN-014
	1990.08	1995.06	SR20DET	1998	N14 GTR 4WD	G	WPN-014
SUNNY VAN	1990.10	1992	CD17	1680	WSY10 VAN	D	WPN-012
	1992	1997	CD17	1680	VSGY10, VSY10 VAN	D	WPN-071
TERRANO	1986.08	1992.07	Z24	2389	D21	G	WPN-027
	1987.08	1997.01	TD27	2663	D21	D	WPN-002
	1989.02	1992.07	TD27T	2663	WD21 T	D	WPN-054A*
	1992.07	1993.10	TD27T	2663	WD21 T	D	WPN-054A*
	1990.01	1995.09	VG30	2960	D21 4WD	G	WPN-004
1995.09	.	VG30	2960	D21 4WD	G	WPN-004	
TERRANO II	1993.02	1994.11	KA24E	2389	R20	G	WPN-059
	1996.05	2002.01	KA24E	2389	R20	G	WPN-059
	1993.02	1996	TD27T	2663	R20 T	D	WPN-002
	1996.06	2003.07	TD27TI	2663	R30A TDI	D	WPN-904
	2002.05	2003.07	ZD30	2953	R20	D	WPN-914*
1995.09	.	LR50-VG33E	3300	.	G	WPN-085	
TIIDA	2007.09	.	HR16DE	1598	C11X	G	WPN-100V*
TRADE	1984.01	1995.02	LD20 IIE	1952	PF1104, PFL112	D	WPN-008
	1997.01	2001.10	LD23	2283	.	D	WN-076
	1986.12	1994.06	A428	2820	BF15/16, BS15/ 16/25	D	WPN-907
	1986.12	1994.06	A428II	2820	BF15/16, BS15/ 16/25	D	WN-077
	1993.04	1994.05	BD30	2953	KE0536, KE1111D	D	WPN-087
	1994.06	.	BD30	2953	KE1111D	D	WPN-087
	1994.06	.	BD30-II	2953	KE0553, KF0553	D	WPN-087
	1996.06	1999.01	BD30TI	2953	VC12373/22373/32373, VD23373/33373	D	WPN-087
URVAN	1980.08	1982.05	J16	1567	E23	G	WPN-036
	1982.04	1985.02	Z18	1770	E23	G	WPN-013
	1985.02	1986.09	Z18	1770	E23	G	WPN-013
	1980.08	1985.02	Z20	1952	E23	G	WPN-013
	1985.02	1987.12	Z20	1952	E23	G	WPN-079
	1987.01	.	Z20	1952	E24	G	WPN-013*
	1980.08	1982.04	H20	1982	E23	G	WPN-902
	1980.08	1982.04	SD22	2164	E23	D	WPN-043
	1982.04	1985.02	SD23	2289	E23	D	WPN-043
	1985.02	1986.10	SD23	2289	E23	D	WPN-043
	1986.11	1996.10	TD23	2289	E24	D	WPN-028
	1986.11	1993.08	Z24	2386	E24	G	WPN-064
	1988.12	1996.10	TD25	2494	E24	D	WPN-006*
	1987.10	1997.05	TD27	2663	E24 2&4WD	D	WPN-028
	VANETTE	1985.09	1994.03	A12	1171	C22	G
1985.09		1994.03	A12	1171	C22 A/C	G	WPN-029A*
1985.09		1994.03	A15	1487	C22	G	WPN-029A*
1992.10		.	GA16	1597	C23M	G	WPN-001
1984.10		1985.12	LD20	1952	C120	D	WPN-066
1985.12		1990.05	LD20	1952	C22	D	WPN-008
1990.05		1995.12	LD20	1952	C22	D	WPN-008
1987.04		1990.05	LD20-II	1952	C220	D	WPN-008

COOLING SYSTEM

NISSAN

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product









## NISSAN

VANETTE	1990.05	1994.03	LD20-II	1952	C220	D	WPN-008
	1988.09	1993.05	LD20T	1952	C22 T	D	WPN-008
	1986.09	1990.05	Z20	1952	C22	G	WPN-079
	1990.05	.	Z20	1952	C22	G	WPN-079
	1982.11	1987.06	LD20-OHC	2000	TD	D	WPN-072
	1995.03	.	LD23	2283	C23M	D	WN-076
	1986.09	1990.05	Z24-I	2389	C22	G	WPN-064
	1990.05	1993.08	Z24-I	2389	C22	G	WPN-064
X-TRAIL	2007.06		MR20DE	1997	#T31	G	WPN-916*
	2000.10	2002.12	QR20DE	1998	NT30	G	WPN-092*
	2002.12	2003.09	QR20DE	1998	NT30	G	WPN-092*
	2003.09	.	QR20DE	1998	NT30	G	WPN-092*
	2000.10	2002.12	YD22ETI	2184	T30	D	WPN-909
	2002.12	2003.09	YD22ETI	2184	T30	D	WPN-909
	2003.09	.	YD22ETI	2184	T30	D	WPN-909
	2007.06		QR25DE	2488	#T31	G	WPN-092*

COOLING SYSTEM

NISSAN



				<b>CCM</b>	<b>BODY</b>		<b>SPECIFICATION</b>	 WP
								 FC
								 PL Fan









\* New Product

## OPEL

AGILA	2000.09	2005.12	Z12XE	1199	H00	G	WPS-908*
	2003.08	.	Z13DT	1248	H00	D	WPS-908
ANTARA	2006.05	.	Z20S	1991	.	D	WO-011*
	2006.06	.	Z24XED	2405	.	G	WO-011*
ASTRA	2004.10	.	.	1300	.	G	WPS-908*
	1992.07	1998.01	17TD	1699	fr E/G nr 855806	D	WE-OP02*
	1992.07	1998.01	17TD	1699	to E/G nr 855805	D	WPG-018
	2004.02	.	Z19DTH	1910	Kw110	D	WE-OP08*
	2004.02	.	Z19DTJ	1910	Kw88	D	WE-OP08*
	2000.09	2004.06	.	2200	.	G	WE-OP07*
CAMPO	1988.02	.	.	2300	TFR, S16	.	WPG-901
	.	.	3JG2	3059	TFR, S54	D	WPG-001
COMBO	1994.07	2001.10	17D	1686	4EE1	D	WE-OP02*
	1992.07	1998.01	17D/DR	1686	.	D	WPG-018
	1994.07	2001.10	X17D	1686	71	D	WE-OP04*
CORSA	2003.06	.	Z13DT	1248	F08, F68	D	WPS-908*
CORSA A	1982.09	1993.03	15D/15TD	1488	fr E/G nr 804795 to 909999	D	WPG-018
	1982.09	1993.03	15D/15TD	1488	to E/G nr 804794	D	WE-OP03*
CORSA B	1993.03	2000.09	15DT/X15DT	1488	73, 78, 79, F35	D	WE-OP05*
	1993.03	2000.09	15TD	1488	73, 78, 79, F35	D	WE-OP04*
	1993.03	2000.09	17D/X17D	1699	to E/G nr 00877697	D	WPG-018
	1994	2000.09	17D/X17D	1699	fr E/G nr 00877698	D	WE-OP02*
FRONTERA A	1991.10	1995	C20NE	1998	52S	G	WO-003
	1995.04	1998	X20SE	1998	55SA	G	WO-003
	1996.06	1998	25TDS	2499	5K T	D	WPA-002*
	1995.04	1998	28TD	2771	T	D	WE-OP06*
FRONTERA B	1998	2000	6VD1	3200	.	G	WP-5100*
KADETT E	1984.07	1991.08	15TD	1488	to E/G nr 817252	D	WE-OP03*
	1984.07	1991.08	17TD	1699	.	D	WE-OP02*
MERIVA	2004.08	.	.	1300	.	G	WPS-908*
MIDI	1988.06	1992	4ZC1	1994	.	G	WG-008
	1988.06	1992	4ZC1	1994	4WD	G	WG-008
	1988.06	1992	4FC1	1995	4WD	D	WPG-003
	1988.06	1992	4FC1-T	1995	T 4WD	D	WPG-003
	1988.06	1992	4FD1	2189	.	D	WPG-014
MONTEREY	1991.12	1999	3JG2	3059	UBS69 T	D	WPG-001
	1991.12	1999	6VD1	3165	UBS25 V6	G	WP-5100*
	1998.07	1999.08	6VE1	3494	UBS26 V6	G	WPG-912*
MOVANO	2000.09	.	F9Q770	1870	F9/ J9	D	WE-RE01A PULLEY 54,2mm
	2000.09	.	G9T720	2188	F9/H9/U9/E9	D	WPN-913*
	2001.10	.	G9U720	2463	F9, J9, U9, E9	D	WPN-913*
SIGNUM	2003.05	.	Z20 NET	1998	.	G	WE-OP07*
	2003.05	.	Z22 YH	2198	.	G	WE-OP07*
TIGRA	2004.11	.	Z13DT	1248	.	D	WPS-908*
VECTRA	2000.07	.	.	2200	.	G	WE-OP07*
VECTRA A	1989	1995.11	17TD	1699	fr E/G nr 877697	D	WE-OP02*
	1989	1995.11	17TD/TCAEE1	1699	to E/G nr 877696	D	WPG-018
VECTRA B	1995.11	2002	X17TD	1699	.	D	WE-OP02*
VIVARO	2001.08	.	F9	1870	DI 80HP	D	WE-RE01A PULLEY 54,2mm
	2001.08	.	F9Q760	1870	TDI 102HP	D	WE-RE01A PULLEY 54,2mm
	2001.08	.	F4R720/2	1998	120HP	G	WE-RE01A PULLEY 54,2mm

COOLING SYSTEM

OPEL

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

## PEUGEOT

1007	2005.04	.	.	1398	.	D	WPT-917*
107	2005.02	.	1KR-FE	998	KGB10	G	WPT-912A*
	2005.02	.	2WZTV	1398	WNB10 D4D	D	WPT-917*
205	1992.08	1994.12	XU5M	1580	20DKD2	G	WPPG-001V*
206	2001.09	.	DV4TD	1398	2A/C	D	WPT-917*
306	1993.05	2001.05	TU3JP/TU3M	1361	7AKDX2/7BKDX2/7CKDX2	G	WPPG-003V*
	1997.03	2002.04	DJY (XUD9A)	1905	7E, N3, N5	D	WPS-910*
307	2001.11	.	.	1398	3A/C	D	WPT-917*
405	1992.08	1996.10	XU7JP	1761	4B/4E	G	WPPG-002V*
406	1995.11	2004.05	XU5JP	1580	8B	G	WPPG-002V*
BOXER	2002.04	.	RHV	1997	.	D	WPS-910*
PARTNER	1997.03	1998.01	XU7JB	1761	5FLFXE	G	WPPG-002V*
	1996.06	.	DJY (XUD9A)	1905	5	D	WPS-910*
	1996.06	.	DJY (XUD9A)	1905	5F	D	WPS-910*

COOLING SYSTEM

PEUGEOT

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

## PROTON

313	1995.11	.	4G13	1299	C96	G	WPM-001
315	1995.11	.	4G15	1468	C97	G	WPM-001
413	1988.12	.	G13B	1299	C21	G	WPM-001

COOLING SYSTEM









PROTON

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

## RENAULT

AVANTIME	2001.11	2003.05	F4R760/1	1998	DE0	G	WE-RE01A PULLEY 54,2mm
CLIO II	2001.06	2005.05	K9K700/702/704	1461	B/CB07, B/CB08	D	WE-RE02A
	2000.02	.	F4R730	1998	CB0M 16V Sport	G	WE-RE01A PULLEY 54,2mm
ESPACE III	1998.10	2002.10	F4R700/1	1998	JE0N/L 140HP	G	WE-RE01A PULLEY 54,2mm
	2000.10	.	.	2188	JE0K, JE0S	D	WPN-913*
ESPACE IV	2002.11	2005.06	F9A/Kw88	1870	Dci	D	WE-RE01A PULLEY 54,2mm
	2002.11	2005.06	F4R790, 791	1998	.	G	WE-RE01A PULLEY 54,2mm
	2002.11	2005.06	F4R790-791/kw100	1998	16V	G	WE-RE01A PULLEY 54,2mm
	2002.11	2005.06	F4R794-795/kw120	1998	Turbo	G	WE-RE01A PULLEY 54,2mm
KANGOO	2001.12	2004.03	K9K 700/704	1461	FC07/KC07	D	WE-RE02A
LAGUNA I	1998.04	2001.03	F4P760	1783	B563/4, K563/4	G	WE-RE01A PULLEY 54,2mm
	1995.06	2001.03	N7Q	1948	B56D/M	G	WV-005
	1995.06	2001.03	N7Q	1948	K56D/M WGN	G	WV-005
	1999.09	2001.03	F4R780	1998	556A/B	G	WE-RE01A PULLEY 54,2mm
LAGUNA II	2001.04	2005.06	F4P770/2	1783	BG0B/M, KG0B/M	G	WE-RE01A PULLEY 54,2mm
	2001.03	2004.05	F4P770/3	1783	BG0B/M, KG0B/M	G	WE-RE01A PULLEY 54,2mm
	2001.01	2001.09	F9Q	1870	BG0E, KG0E DCI 105HP	D	WE-RE01A PULLEY 54,2mm
	2001.03	2003.01	F9Q	1870	BG0R, KG0R Dci 100HP	D	WE-RE01A PULLEY 54,2mm
	2001.10	2005.06	F9Q	1870	BG0G, KG0G DCI 120HP	D	WE-RE01A PULLEY 54,2mm
	2001.04	2004.05	F5R700	1998	BG0N/P, KG0N/P	G	WE-RE01A PULLEY 54,2mm
	2004.06	.	F5R700	1998	BG0N/P, KG0N/P	G	WE-RE01A PULLEY 54,2mm
MASTER II	2000.09	.	F9Q770/72	1870	FD, JD, ND	D	WE-RE01A PULLEY 54,2mm
	2000.09	.	G9T722	2188	FD, JD, ND, ED, HD, UD 90HP	D	WPN-913*
MEGANE I	2001.01	2004.06	F4P720/2	1783	BA06, BA12/A/M/R, LA06, LA12/A/M/R, KA06, KA12/A/M/R	G	WE-RE01A PULLEY 54,2mm
	2001.02	2003.09	F9Q732/732	1870	BA05, BA1F, LA05, LA1F, KA05, KA1F, DA05, DA1F Dci 102HP	D	WE-RE01A PULLEY 54,2mm
	1999.11	.	F5R740	1998	#A03/P, #A14 CPE, CNV	G	WE-RE01A PULLEY 54,2mm
MEGANE II	2002.11	2004.03	K9K	1461	BM0F, CM0F	D	WE-RE02A
	2002.11	.	F9Q800	1870	BMO, CMO	D	WE-RE03A PULLEY 52mm
MODUS	2004	.	K9K	1461	Dci -50Kw-	D	WE-RE02A
	2004	.	K9K	1461	Dci -63Kw-	D	WE-RE02A
	2004	.	K9K	1461	Dci -78Kw-	D	WE-RE02A
SAFRANE II	1996.07	2000.01	N7Q710/1	1948	B54_	G	WV-005
SCENIC I	2001.01	.	F4P720/2	1783	JA12/M/R/A	G	WE-RE01A PULLEY 54,2mm
	2000.06	2004.06	F4R740/1/4	1998	JA1B/D 2WD + RX4	G	WE-RE01A PULLEY 54,2mm
SCENIC II	2003.06	2004.04	K9K	1461	DCI	D	WE-RE02A
	2003.10	.	K9K	1461	.	D	WE-RE02A
	2003.06	2005.10	F9Q	1870	DCI	D	WE-RE03A PULLEY 52mm
TRAFIC	2001.03	.	F9	1870	FL, JL DCI 80HP	D	WE-RE01A PULLEY 54,2mm
	2001.03	.	F9Q760	1870	FL, JL DCI 102HP	D	WE-RE01A PULLEY 54,2mm

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

## RENAULT

TRAFIC	2001.03	.	F4R720/2	1998	FLOA, JLOA	G	WE-RE01A PULLEY 54,2mm
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COOLING SYSTEM

RENAULT

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

## ROVER

216SI/GSI	1989.10	1995.12	D16	1590	XW	G	WPH-002
220 Diesel Turbo	1995.11	1999.11	20T2N	1994	RF SDi T	D	WPH-902
	1995.11	1999.11	20T2R	1994	RF SD T	D	WPH-902
416SI/GSI	1989.10	1996.02	D16	1590	XL	G	WPH-002
420Diesel turbo	1995.11	.	20T2N	1994	RT SDi T	D	WPH-902
	1995.11	.	20T2R	1994	SD T	D	WPH-902
618	1994.10	1999.06	F18Z1	1850	RH	G	WPH-001
620	1993.04	1999.06	F20Z1	1997	RH	G	WPH-001
620D	1994.05	1996.02	20T2N	1994	RH T	D	WPH-902
	1996.02	1999.06	20T2N	1994	RH T	D	WPH-902
623	1993.04	1999.06	H23A3	2259	RH	G	WPH-018
825	1986.07	1988	C25A	2494	SZ	G	WPH-008
827	1988.02	1991	C27A	2675	SZ fr chss nr 200604	G	WPH-008
	1991.10	1992.12	C27A	2675	SA to chss nr 200604	G	WPH-008
	1992.12	1996.01	C27A	2675	SA to chss nr 200604	G	WPH-008
TRIUMPH ACCLAIM	1981	1984	EN4	1335	1300HLS	G	WPH-021

COOLING SYSTEM

ROVER

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

## SMART

FOR FOUR	2003	.	.	1124	.	G	WE-SM01A
	2003	.	.	1332	.	G	WE-SM01A
	2003	.	.	1499	.	G	WE-SM01A

COOLING SYSTEM

SMART

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product









## SSANGYONG

ACTYON	2006	.	.	1998	Xdi	D	WPO-005*
KORANDO	1996.07	.	M111E20	1998	.	G	WPO-004*
	1996.07	.	M111E23	2295	E23ELX	.	WPO-004*
	1996.07	.	OM661D23	2299	601	D	WO-010
	1997.04	.	111970	2300	16V	G	WPO-010*
	1998.04	1998.07	OM602	2874	KJ TD	D	WPO-008*
	1998.08	.	OM602	2874	KJ TD	D	WPO-008*
	1996.07	.	OM662D29	2874	602	D	WO-010
	1997.10	.	OM661	2900	DL DX	D	WO-010*
	1997.04	.	104995	3200	3.2 24V	G	WPO-006*
KYRON	2005	.	.	1998	Xdi	D	WPO-005*
	2005	.	.	2696	.	D	WPO-005*
MUSSO	1994.07	1998.11	E23	2295	E23ELX	G	WO-009*
	1993.08	1998.11	OM601D23	2299	601L	D	WO-010
	1993.08	1998.11	OM602M29	2874	602	D	WO-010
	1998.04	1998.08	OM662	2874	FJ TD	D	WPO-007*
	1999.02	.	OM662LA	2874	Y150 T	D	WPO-009*
	2001	.	OM662LA	2874	T	D	WPO-009*
	1999.01	.	M162E32/M104.992	3199	E32	G	WO-008*
REXTON	2004.08	.	.	2696	.	D	WPO-005*
	2007	.	.	2696	.	D	WPO-009*
	2002.04	.	.	2874	.	D	WO-010
	2002	.	.	3199	.	G	WO-008*
RODIUS	2004	.	.	2696	.	D	WPO-005*

COOLING SYSTEM

SSANGYONG



				<b>CCM</b>	<b>BODY</b>		<b>SPECIFICATION</b>	 WP
								 FC
								 PL Fan









\* New Product

## SUBARU

E10	1983.09	1991.07	EF10	997	KJ5 2WD	G	WPF-019	
	1983.09	1991.07	EF10	997	KJ5 4WD	G	WPF-019	
	1991.08	.	EF10C	998	KJ5	G	WPF-019	
E12	1986.06	1991.07	EF12	1189	KJ8 2WD	G	WPF-019	
	1986.06	1991.07	EF12	1189	KJ8 4WD	G	WPF-901	
	1991.08	.	EF12C	1200	KJ8	G	WPF-901	
FORESTER	1997.09	1998.02	EJ20	1994	SF5	G	WPF-002	
	1998.03	.	EJ20	1994	SF5	G	WPF-006*	
	2002.02	2004.12	EJ20	1994	SG5	G	WPF-002	
	1997.09	2002.01	EJ20T	1994	SF5	G	WPF-008	
	1997.09	2002.01	EJ20T	1994	SF5	G	WPF-006	
	2002.02	2004.01	EJ20T	1994	SG5 T	G	WPF-006	
	2008	.	EL15	1498	GH2	G	WPF-008*	
IMPREZA	1992.11	1994.08	EJ16	1597	GC3B, GF3B 2WD	G	WPF-002	
	1992.11	1994.08	EJ16	1597	GC4, GF4 4WD	G	WPF-002	
	1994.08	1996.08	EJ16	1597	GC4, GF4 4WD	G	WPF-002	
	1996.08	2000.12	EJ16	1597	GC4, GF4 4WD	G	WPF-002	
	1998.09	2000.09	EJ161	1597	GC	G	WPF-002*	
	1994.08	1996.08	EJ16E	1597	GC3C, GF3C 2WD	G	WPF-002	
	1996.08	2001	EJ16E	1597	GC3C, GF3C 2WD	G	WPF-002	
	1992.11	1994.08	EJ18	1820	GC5, GF5 2WD	G	WPF-002	
	1992.11	1993.05	EJ18	1820	GC6, GF6 4WD	G	WPF-002	
	1993.06	1996.06	EJ18	1820	GC6, GF6 4WD	G	WPF-002	
	1995.11	1996.07	EJ20	1994	GC8, GF8 4WD	G	WPF-002	
	1996.07	2000.07	EJ20	1994	GC8, GF8 4WD	G	WPF-002	
	1996.08	2001	EJ20	1994	GC8, GF8 GT T	G	WPF-002	
	2000.08	2005	EJ20	1994	GGB T	G	WPF-006*	
	2002.06	2005/08	EJ20	1994	GD, GG	G	WPF-006*	
	2008	.	EJ20	1994	GH6	G	WPF-008*	
	2000.10	2005	EJ201	1994	GG9	G	WPF-002	
	1996.08	2000.07	EJ205/EJ20G	1994	GC8, GF8 4WD T	G	WPF-006	
	1992.11	1996.06	EJ20T	1994	GC8, GF8 4WD T	G	WPF-006	
	2005	.	EJ25	2457	.	G	WPF-008*	
	2008	.	EJ25	2457	GRF - WRX -	G	WPF-006*	
	JUSTY	1984.02	1996	EF10	997	KA5, KD5 2WD	G	WPF-019
		1984.02	1996	EF10	997	KA6, KD6 4WD	G	WPF-019
1985.10		1994.03	EF12	1189	KA8, KD8 4WD	G	WPF-901	
1988.11		1994.03	EF12	1189	KA7, KD7 2WD	G	WPF-019	
1991.12		1996.03	EF12	1189	KA8, KD8 4WD	G	WPF-901	
JUSTY II	1996.03	.	G13B	1298	AF35/AG35 4WD	G	WPS-007	
JUSTY III	2003.09	.	M13A	1328	G3X	G	WPS-007*	
	2003.09	.	M15A	1490	G3X	G	WPS-907*	
JUSTY IV	2007.01	.	.	998	.	G	WPT-912A*	
LEGACY	1989.02	1994.12	EJ16A	1597	BC2 2WD	G	WPF-002	
	1989.02	1994.12	EJ18	1820	BC2 2WD	G	WPF-002	
	1989.02	1996.06	EJ18	1820	BC3, BF3 4WD	G	WPF-002	
	1996.06	1998.09	EJ18	1820	BC3, BF3 4WD	G	WPF-002	
	1989.02	1993.09	EJ20	1994	BC4/BF4 2WD, BC5/BF5 4WD	G	WPF-002	
	1998.12	.	EJ20	1994	BE, BH 4WD	G	WPF-002	
	2002	.	EJ20	1994	BL5, BP5	G	WPF-002	
	1989.02	.	EJ20T	1994	BFA 4WD T	G	WPF-006	
	1989.02	1996.05	EJ22	2212	BC6/7, BJ6/7, BF6/7 4WD	G	WPF-002	
	1996.06	1998.09	EJ22	2212	BC6/7, BJ6/7, BF6/7 4WD	G	WPF-002	
	1996.10	1998.09	EJ25	2457	BD9, BG9	G	WPF-002	
	1998.10	.	EJ25	2457	BE, BH 4WD	G	WPF-002	
	1998.10	.	EJ241	2500	.	G	WPF-002	
	L-SERIE	1979.10	1980.11	EA65	1298	AF1, AB1	G	WPF-012
		1980.12	1984.07	EA65	1298	AF1, AB1	G	WPF-012
1984.07		.	EA65	1298	AA1	G	WPF-011	
1979.06		1984.07	EA71	1595	AB2, AF2, AB3, AF3 4WD	G	WPF-012	
1979.10		1980.04	EA71	1595	AB2, AF2	G	WPF-012	
1984.07		1988.08	EA71	1595	AA2, AP2, AL2, AG2	G	WPF-011	
1984.07		1992	EA71	1595	AA3, AP3 4WD	G	WPF-011	
1988.09		1994.03	EA71	1595	AA2, AP2, AL2, AG2	G	WPF-010	

COOLING SYSTEM

SUBARU

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

## SUBARU

L-SERIE	1979.05	1984.07	EA81	1781	AB4, AM4, AB5, AF5, AM5A 4WD	G	WPF-005
	1979.10	1984.07	EA81	1781	AF5E/F/G, AM5 for europe 4WD	G	WPF-005
	1984.07	1992	EA82	1781	AA4, AG4, AL4	G	WPF-003
	1984.07	1992	EA82	1781	AA5, AG5, AL5 4WD	G	WPF-003
	1984.07	1992	EA82T	1781	AA7, AG7, AL7 T 4WD	G	WPF-003
OUTBACK	2000.10	2003.08	EJ25	2457	BE, BH 4WD	G	WPF-002
	2003	.	EJ25	2457	BP9	G	WPF-002*
	2009	.	EJ25	2457	BR9	G	WPF-008*
	2000.10	2003.08	EJ30	2999	BE, BH 4WD	G	WPF-002*
	2003	.	EZ30	3000	BPE	G	WPF-002*
SVX	1992.01	1997	EG33	3318	CXW	G	WPF-002*
VIVIO	1992.03	1998.09	EN07	658	KK3 2WD	G	WPF-004
	1992.03	1998.09	EN07	658	KK4	G	WPF-022*
	1992.11	1995.02	EN07	658	KK4, KW4 4WD	G	WPF-004
XT COUPE	1985.01	.	EA82T	1781	AX4, AX7 T 4WD	G	WPF-003

COOLING SYSTEM

SUBARU

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

# SUZUKI

ALTO	1981.10	1985.12	F5A	543	SS40V	G	WS-002
	1980.10	1986	F8B	796	SS80V	G	WPS-002
	1984	1988.12	F8B	796	SB308	G	WPS-002
	1993.11	1997	G10	993	SH410/H CJ73/H CN73	G	WPS-007
	1997.01	2002	G10B	993	FB11/MA3	G	WPS-007
BALENO	1995.04	1999.01	G13BB	1298	SY413, GA11, GC11	G	WPS-007
	1999.02	.	G13BB	1298	SY413, GA11, GC11	G	WPS-004
	1995.01	2002.05	G15	1493	SY415, GC21	G	WPS-006
	1995.04	2002.05	G16	1590	SY416, GC41	G	WPS-006
	1996.03	1999.02	J18	1839	SY418, GA31, GC31	G	WPS-006
	1999.02	.	J18	1839	SY418, GA31, GC31	G	WPS-006
	1998.04	2002.05	XUD9	1905	.	D	WPT-902
	CAPPUCINO	1991.10	1995	.6A	658	EA11R T	G
CARRY	1979.04	1986	F8A	796	ST80/90, ST308, SK408	G	WPS-002
	1985.03	1992.07	F10A	970	SK410	G	WPS-007
	1985.03	1992	F10A	970	ST100	G	WPS-007
	1999.02	2002	.	1300	GA413	G	WPS-007
GRAND VITARA	2005	.	M16A	1586	.	G	WPS-033*
	1998.08	.	G16B	1590	TA02, SQ416	G	WPS-006
	2005.10	.	F9Q	1870	JB419/420 DDiS	D	WE-RE01A*
	1998.01	.	J20A	1995	TD52, SQ420	G	WPS-902 liquid gasket
	2003.06	.	RHW	1998	SQ420WD twin cam	D	WPS-910*
	2001.07	.	RHZ	1998	SQ420WD single cam	D	WPS-910*
	1998.01	2003	H25	2493	TD62, SQ625 V6	G	WPS-901
IGNIS	2003	.	Z13DT	1248	DDiS	D	WPS-908
	2000.10	2003.09	M13A	1300	FH	G	WPS-907*
	2003	.	Z13DT	1300	MM	G	WPS-908
	2000.07	2003.09	M13A	1328	HT51	G	WPS-907
JIMNY	1998.09	2001.03	G13	1298	JB33	G	WPS-004
	2001.04	.	M13A	1298	.	G	WPS-907
LIANA	2001.03	.	M13A	1298	RB##	G	WPS-907
	2001.03	.	M16A	1586	RB##	G	WPS-907*
SAMOURAI	1977.09	1982.07	F8A	796	LJ80, LJ81 4WD	G	WPS-002
	1982.08	1984.12	F10A	970	SJ410 to chss nr 585000/505000	G	WPS-002
	1987.03	1990	F10A	970	SJ410 made in Spain	G	WPS-002
	1984.05	1988.12	G13A	1324	SJ413	G	WPS-004 FC: FCS-002*
	1998.11	.	XUD9	1905	T	D	WPT-902
SC100GX	1978.04	1983.	F10A	970	SC100	G	WPS-002
SWIFT	1986.06	1988.09	G10	993	AA43S, AB43S	G	WPS-004
	1988.09	.	G10	993	AA44S, AB44S, SF310	G	WPS-007
	1983.10	1986.05	G10A	993	AA41/43, AB41 /43, SA310	G	WPS-004
	2005.08	.	Z13DT	1248	ZC (SG)	D	WPS-908*
	1986.06	1988.10	G13B	1298	AA33, AB33, SA413, SF413	G	WPS-007
	1988.09	1992	G13B	1298	AA34, AB34, SA413, SF413 GTI	G	WPS-007
	1989.06	1995.12	G13BA	1298	AA35	G	WPS-007
	1989.10	1995.12	G13BA	1298	AA35, AB35, AH35	G	WPS-007
	1989.10	.	G13BA	1298	AF35 4WD	G	WPS-007
	1991.09	1996.10	G13BA	1298	AK35 cabrio	G	WPS-007
	1984.08	1986.05	G13A	1324	AA51, AB51, SA413	G	WPS-004
	1986.05	1988.08	G13A	1324	AA53, AB53, SA413	G	WPS-007
	2005.02	.	M13A	1328	ZC11S (SG)	G	WPS-907*
	2005.02	.	M15A	1490	ZC21S (SG)	G	WPS-907*
	1989.06	.	G16A	1590	AH14S, SF416	G	WPS-006
	1989.06	1993.01	G16A	1590	AJ14S 4WD	G	WPS-006
SX4	2006	.	.	1490	.	G	WPS-907*
	2006	.	.	1586	.	G	WPS-907*
	2004.06	.	D19AA	1910	DDiS	D	WPS-909*
VITARA	2002.02	.	DW10TD	1997	TD HDI	D	WPS-910*
VITARA 3doors	1988.05	1990.08	G16A/B	1590	SA416, TA01, TB01	G	WPS-006
	1995.11	.	G16B	1590	TV02 made in Spain	G	WPS-006
	1996.06	1998.04	XUD9	1905	SF/SV T	D	WPT-902

COOLING SYSTEM

SUZUKI

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

## SUZUKI

VITARA 3doors	1998.04	.	XUD9	1905	SF/SV T	D	WPT-902
	1996.12	1999.03	J20A	1995	16V	G	WPS-902 liquid gasket
VITARA 5 doors	1990.08	.	G16A/B	1590	SE416, TA01R/W, TD01	G	WPS-006
	1994.12	1998.03	H20A	1998	TD11, SV620 V6	G	WPS-901
WAGON-R	1998.02	2000.05	K10A	993	MC, SR410	G	WPS-904
	1998.02	2000.05	K12A	1171	MC, SR412	G	WPS-904
	2003	.	Z13DT	1248	MA DDIS	D	WPS-908
X90	1995.11	1998	G16BA	1590	SZ416, LA11S, LB11S	G	WPS-006

COOLING SYSTEM

SUZUKI

				<b>CCM</b>	<b>BODY</b>		<b>SPECIFICATION</b>	 WP
								 FC
								 PL Fan

\* New Product

# TOYOTA

1000	1969.04	1974.04	2K	993	KP30/36	G	WT-020*	
4 RUNNER	1984.03	1988.08	22REC	2366	RN60/61	G	WPT-007* PL F: FNT-003*	
	1987.12	1989.07	22REC	2366	RN60/61	G	WPT-007* PL F: FNT-003*	
	1997.08	2000.12	2L	2446	LN165/170 T	D	WPT-001A	
	2000.12	.	2L	2446	LN165/170 T	D	WPT-001A	
	1989.08	1992.10	2LT	2446	LN130 T	D	WPT-001A	
	1992.01	1995.05	2L-T	2446	LN130 T	D	WPT-001A	
	1995.12	2000.08	3RZFE	2693	RZN180	G	WPT-044 PL F: FNT-002*	
	1995.05	1995.11	3L	2779	LN13# T	D	WPT-001A	
	1989.08	1992.04	3VZE	2959	VZN130	G	WPT-030 PL F: FNT-011*	
	1992.04	1995.11	3VZE	2959	VZN130	G	WPT-032 PL F: FNT-029*	
	1993.10	1996.03	1KZT	2982	KZN13# T	D	WPT-109	
	1997.07	.	1KZTE	2982	KZN185 T	D	WPT-113	
1995.12	2002	5VZFE	3378	VZN185 for NATO	G	WPT-048 PL F: FNT-005*		
AURIS	2006.10	.	4ZZ-FE	1398	ZZE150 VWT-i 97 HP	G	WPT-106*	
	2006.10	.	1ZR-FE	1598	ZRE151 VWT-i 124 HP japan p	G	WPT-140*	
	2006.10	.	1ZR-FE	1598	ZRE151 VWT-i 124 HP uk p	G	WPT-140*	
	2006.10	2009.03	1AD-FTV	1998	ADE150 D4D 126 HP	D	WPT-914*	
	2009.03	.	1AD-FTV	1998	ADE150 D4D 126 HP	D	WPT-145*	
	2007.02	2009.03	2AD-FHV	2231	ADE157 D-CAT 177 HP	D	WPT-914*	
2009.03	.	2AD-FHV	2231	ADE157 D-CAT 177 HP	D	WPT-914*		
AVENSIS	1997.10	1998.12	4AFE	1587	AT22#	G	WPT-919*	
	1998.12	2000.10	4AFE	1587	AT22#	G	WPT-919*	
	2009.02	.	1ZR-FAE	1598	ZRT27#	G	WPT-140*	
	2000.07	2003.02	3ZZ-FE	1598	T22 VWT-I	G	WPT-106	
	2003	.	3ZZ-FE	1598	ZZT25#	G	WPT-106*	
	2003.07	.	3ZZ-FE	1598	ZZT220-VWTI	G	WPT-106	
	1997.10	1998.12	7AFE	1762	AT22#	G	WPT-033	
	1998.12	2000	7AFE	1762	AT22#	G	WPT-033	
	2000.07	2002	1ZZ-FE	1794	ZZT221 VWT-I	G	WPT-106	
	2003	.	1ZZ-FE	1794	ZZT25#	G	WPT-106	
	2009.02	.	2ZR-FAE	1798	ZRT27#	G	WPT-140*	
	1997.10	1998.12	2CTE	1974	CT220 T	D	WPT-004 FC: VT-874	
	1998.12	2000.07	2CTE	1974	CT220 T	D	WPT-004 FC: VT-874	
	2009.02	.	3ZR-FAE	1987	ZRT27#	G	WPT-140*	
	1999.08	2002.12	1CD-FTV	1995	CDT220 DI D4D 81Kw	D	WPT-118*	
	2003.04	2009	1CD-FTV	1995	CDT25# 85Kw	D	WPT-118	
	2006.03	.	1AD-FTV	1998	ADT25# 93Kw	D	WPT-914*	
	2009.02	.	1AD-FTV	1998	ADT27# 93Kw	D	WPT-145*	
	2000.10	2003.04	1AZ-FSE	1998	D4 VWT-I	G	WPT-129*	
	2003.04	.	1AZ-FSE	1998	AZT25#	G	WPT-129*	
	1997.10	1998.12	3S	1998	ST220	G	WPT-010	
	1998.12	2000.07	3S	1998	ST220	G	WPT-010	
	2000.07	2003.01	3S	1998	ST220	G	WPT-010	
	2005.04	2006.04	2AD-FHV	2231	ADT251 - D-CAT - 130Kw CLEAN POWER	D	WPT-914*	
	2005.08	2007.05	2AD-FTV	2231	ADT25# D4D - 110Kw	D	WPT-914*	
	2009.02	.	2AD-FTV	2231	ADT27# D4D 110Kw	D	WPT-145*	
	2009.02	.	2AD-FTV	2231	ADT27# D-CAT 130Kw	D	WPT-145*	
	2003.09	.	2AZ-FSE	2362	T25#	G	WPT-129*	
	AVENSIS VERSO	2001.05	.	1CD-FTV	1995	CLM20	D	WPT-120
		2001.05	.	2AZ-FE	1998	ACM20	G	WPT-129*
	AYGO	2005.02	.	1KR-FE	998	KGB10	G	WPT-912A*
		2005.02	.	1KR-FE	998	KGB10 vvt-i	G	WPT-912A*
	2005.07	.	2WZTV	1398	WNB10 D4D	D	WPT-917*	
CAMRY	1982.03	1986.12	1S	1832	SV10	G	WPT-097	
	1986.08	1991	1S	1832	SV20	G	WPT-097	

COOLING SYSTEM

TOYOTA



CCM

BODY



SPECIFICATION



WP



FC











PL Fan

\* New Product

## TOYOTA

CAMRY	1982.08	1985.08	1C-TL	1839	CV10 T	D	WPT-004 FC: VT-874
	1985.08	1986.08	2CTL	1974	CV11 T	D	WPT-004 FC: VT-874
	1987.10	1991	3S-FE	1996	SV25 4WD	G	WPT-045
	1990.05	1991.06	2C	1998	CV20 T	D	WPT-004 FC: VT-874
	1986.08	1988.08	2CT	1998	CV20 T	D	WPT-004 FC: VT-874
	1988.08	1990.05	2CT	1998	CV20 T	D	WPT-004 FC: VT-874
	1986.08	1988.08	3S-FE	1998	SV21	G	WPT-060
	1988.09	1991	3S-FE	1998	SV21	G	WPT-060
	1991.06	1996.08	5SF-E	2164	SXV10	G	WPT-002
	1996.08	.	5SF-E	2164	SXV20	G	WPT-010*
	2001.09	2003.07	2AZ-FE	2362	ACV30	G	WPT-129*
	2003.07	.	2AZ-FE	2362	ACV30	G	WPT-129*
	2006.01	.	2AZ-FE	2362	ACV40 WTi 4cyl	G	WPT-129*
	2007	.	2AZ-FXE	2362	AHV40 WTi 4 cyl Hybrid	H	WPT-129*
	1988.02	1991	2VZ	2507	VZV 21 V6	G	WPT-002
	1996.08	.	1MZFE	2995	MCV20 V6	G	WPT-057
	2000.08	2001.07	1MZFE	2995	MCV20 V6 JPN PROD	G	WPT-057
	1991.06	1994	3VZFE	2995	VCV10 V6	G	WPT-002
	1995	1996.08	3VZFE	2995	VCV10 V6	G	WPT-002
2007	.	2GR-FE	3456	GSV40 - V6	G	WPT-142*	
CARINA	1980.08	1983.09	2T	1588	TA45	G	WPT-087
	1980.08	1983.09	2T	1588	TA60/61/67	G	WPT-049
	1979.08	1981.08	3T	1770	TA47/46/42	G	WPT-049 FC: VT-804
	1981.09	1983.09	3T	1770	TA62/63	G	WPT-049 FC: VT-804
	1982.02	1985.08	1C	1839	CA60, 67	D	WPT-004 FC: VT-874
CARINA II	1983.10	1987.12	4A	1587	AT151 FWD	G	WPT-022
	1987.12	1992.08	4A	1587	AT170, 171	G	WPT-046
	1989.11	1992.08	4A	1587	AT170, 171 EFI	G	WPT-046
	1984.05	1987.12	1S	1832	ST150/160 FWD	G	WPT-097
	1987.12	1992	2C	1974	CT170, 176, 177	D	WPT-004* FC: VT-874
	1983.10	1984.11	2C-L	1974	CT150 FWD	D	WPT-097
	1984.12	1987.12	2C-L	1974	CT150 FWD	D	WPT-004*
	1987.12	1992.03	3S	1998	ST171	G	WPTK-010*
CARINA E	1992.02	1996.08	4AFE	1587	AT190	G	WPT-018 WPT-108 for non-Aisin Genuine
	1996.08	1997.10	4AFE	1587	AT190	G	WPT-018 WPT-108 for non-Aisin Genuine
	1995	1996.08	7A.FE	1762	AT19# lean burn	G	WPT-018 WPT-108 for non-Aisin Genuine
	1996.08	1997.10	7A.FE	1762	AT19# lean burn	G	WPT-018 WPT-108 for non-Aisin Genuine
	1992.02	1996.01	2C	1974	CT190 Jpn prod.	D	WPT-004* FC: VT-874
	1994.10	1996.08	2C	1974	CT190 UK prod.	D	WPT-004 FC: VT-874
	1996.08	1997.10	2C	1974	CT190 UK prod.	D	WPT-004 FC: VT-874
	1996.08	1997.10	2CT	1974	CT190 UK prod. T	D	WPT-004 FC: VT-874
	1992.02	1997.10	3S-FE	1998	ST191 XLI, GLI	G	WPTK-010*
	1992.02	1997.10	3S-GE	1998	ST191 GTI	G	WPT-060
1996.08	1997.10	3S-GE	1998	ST191 GTI	G	WPT-060	
CELICA	1983.08	1985.07	4A	1587	AA63	G	WPT-052
	1985.08	1989.09	4A	1587	AT160	G	WPT-055
	1989.10	1991.05	4AFE	1587	AT180	G	WPT-046
	1991.08	1993.10	4AFE	1587	AT180	G	WPT-066*
	1977.08	1980.08	2T	1588	TA40/45/55	G	WPT-087
	1980.08	1981.07	2T	1588	TA40/45/55	G	WPT-087









				<b>CCM</b>	<b>BODY</b>		<b>SPECIFICATION</b>	 WP
								 FC
								 PL Fan

\* New Product

# TOYOTA

CELICA	1981.08	1983.08	2T	1588	TA60/61	G	WPT-049 FC: VT-804
	1993.11	1999	7AFE	1762	AT200	G	WPT-033
	1999.08	2005.09	1ZZ-FE	1794	ZZT230 105Kw VVT-I	G	WPT-106
	1999.08	2002.08	2ZZ-GE	1796	ZZT231 141Kw VVTL-I	G	WPT-913
	1977.08	1981.07	18R	1968	RA40 GT	G	WT-027*
	1977.08	1981.07	18R	1968	RA40 ST, XT	G	WPT-064
	1983.08	1985.07	18R	1968	RA63	G	WT-038*
	1981.08	1983.08	21R	1972	RA46/60/61	G	WPT-017*
	1989.10	1990.05	3S-GE	1998	ST182	G	WPT-056*
	1990.05	1993.11	3S-GE	1998	ST182	G	WPT-056*
	1993.11	1999	3S-GE	1998	ST202	G	WPT-127*
	1993.11	1995.08	3S-GE	1998	ST202 SSS	G	WPT-127*
	1994.02	1996.06	3S-GE	1998	ST205 4WD T	G	WPT-127*
	1985.08	1989.09	3SGEL	1998	ST162	G	WPT-060
	1986.10	1991.10	3SGTE	1998	ST165 GT 4WD T	G	WPT-056
	1989.10	1991.08	3SGTE	1998	ST185 4WD T	G	WPT-060
	1989.10	1991.08	3SGTE	1998	ST185 4WD T	G	WPT-056
	1991.08	1994	3SGTE	1998	ST185 4WD T	G	WPT-056
COASTER	1982.05	1982.11	22R	2367	RB20	G	WPT-062
	1982.05	1988.08	3B	3431	BB20, 21, 22, 30	D	WPT-074
	1988.08	1989.10	3B	3431	BB20, 21, 22, 30	D	WPT-074
	1989.10	1993.01	3B	3431	BB21	D	WPT-074
	1993.01	2000.04	3B	3431	BB4#	D	WPT-080
	1988.08	1989.10	14B	3660	BB23, 32	D	WPT-080
	1989.10	1993.01	14B	3660	BB23, 32	D	WPT-080
	1986.10	1989.10	..2H-T	3980	HB31	D	WPT-051 PL F: FNT-013*
	1989.10	1990.01	..2H-T	3980	HB31	D	WPT-051 PL F: FNT-013*
	1986.10	1989.10	2H	3980	HB30	D	WPT-051 PL F: FNT-013*
	1989.10	1990.01	2H	3980	HB30	D	WPT-051 PL F: FNT-013*
	1990.01	1993.01	1HD-T	4164	HDB30, 31	D	WPT-015
	1990.01	1993.01	1HZ	4164	HZB30	D	WPT-015
	1993.01	.	1HZ	4164	HZB40/41/56	D	WPT-015
	1993.01	1999.07	1HZ	4164	HZB50	D	WPT-015 PL F: FNT-015*
	1999.07	.	1HZ	4164	HZB50	D	WPT-015* PL F: FNT-024*
	1996.05	2001.05	..B		BB50	D	WPT-080*
	COROLLA	1974.04	1979.08	3K	1166	KE20/5,30/35/40/45/50/60	G
1979.08		1983.06	4K	1290	KE70, KE72, KE73 RWD	G	WPT-026*
1983.07		1987.07	4K	1290	KE70, KE72, KE73 RWD fr chss nr 5075386	G	WPT-031
1983.05		1985.05	2A	1295	AE80 FWD	G	WPT-022
1985.05		1985.12	2E	1295	EE80	G	WPT-107
1985.12		1987.04	2E	1295	EE80	G	WPT-107
1987.05		1989.05	2E	1295	EE90, 96V, 97G	G	WPT-107
1989.05		1989.11	2E	1295	EE90, 96V, 97G	G	WPT-107
1989.12		1992.12	2E	1295	EE90, 96V, 97G	G	WPT-011
1989.12		1992	2E	1295	EE90, 96V, 97G	G	WPT-107
1992.05		1994.08	4E	1332	EE100/101	G	WPT-107
1994.08		1996.11	4E	1332	EE100/101	G	WPT-107
1996.11		1997.04	4E	1332	EE100/101	G	WPT-006
1997.04		2001	4E-FE	1332	EE111	G	WPT-006
2004.08		2006	1ND-TV	1364	NDE12J/E12U D4D	D	WPT-157*
1999		2001.01	4ZZ-FE	1398	ZZE111	G	WPT-106
2000.02		2002.01	4ZZ-FE	1398	ZZE111	G	WPT-106
2002		.	4ZZ-FE	1398	ZZE120	G	WPT-106
2004		.	4ZZ-FE	1398	VVT-I	G	WPT-106*
2006.11		.	4ZZ-FE	1398	ZZE150 VVT-i - japan	G	WPT-106*
1987.05		1992.05	4A	1587	AE92 except GTI	G	WPT-055
1992.05		1997.04	4A	1587	AE101	G	WPT-108

TOYOTA COOLING SYSTEM









				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

# TOYOTA

COROLLA	1992.05	1997.04	4A	1587	AE101	G	WPT-018 WPT-108 for non-Aisin Genuine
	1992.05	1997	4A	1587	AE103 4WD	G	WPT-033
	1997.04	2001.01	4A	1587	AE111 Japan prod.	G	WPT-108
	1997.04	2001	4A	1587	AE115	G	WPT-033
	1998.09	2001.01	4A	1587	AE111 UK prod	G	WPT-108
	1983.05	1987.04	4A-EGLU	1587	AE86 CPE GT / RWD	G	WPT-052
	1984.10	1987.04	4A-EGLU	1587	AE82 HBK GTI 16V	G	WPT-022
	1983.05	1985.04	4A-ELU	1587	AE82, AE86 except GTI	G	WPT-022
	1985.05	1987.04	4A-ELU	1587	AE82, AE86 except GTI	G	WPT-022
	1987.10	1991.06	4AF	1587	AE95 4WD ESCAPE	G	WPT-046
	1989.11	1992	4AF	1587	AE92 except GTI	G	WPT-055
	1987.05	1989.10	4AGE	1587	AE92 HBK GTI	G	WPT-055
	1989.11	1992	4AGE	1587	AE92 GTI	G	WPT-055
	2006.11	.	1ZR-FE	1598	ZRE151 WT-i - japan	G	WPT-140*
	2006.11	.	1ZR-FE	1598	ZRE151VWT-i - japan 5FS	G	WPT-140*
	1999	2001.01	3ZZ-FE	1598	ZZE112	G	WPT-106
	2001.11	.	3ZZ-FE	1598	ZZE120	G	WPT-106*
	2002.01	2004.06	3ZZ-FE	1598	ZZE121	G	WPT-106*
	1992.11	1995.05	7AFE	1762	AE102 GTI	G	WPT-033
	2001.11	.	2ZZ-GE	1796	ZZE123	G	WPT-913
	2002.01	.	2ZZ-GE	1796	E12U	G	WPT-913
	1982.02	1985.08	1C	1839	CE70 RWD	D	WPT-004* FC: VT-874 PL F: FNT-003*
	1982.02	1985.08	1C	1839	CE71 RWD	D	WPT-004 FC: VT-874
	1985.08	1987.07	1C	1839	CE71, CE72 RWD	D	WPT-004 FC: VT-874
	1987.05	1987.08	1C	1839	CE90	D	WPT-004* FC: VT-874
	1987.08	1992	1C	1839	CE90, 96, 97	D	WPT-004* FC: VT-874
	1983.05	1987.04	1C-L	1839	CE80 FWD	D	WPT-004* FC: VT-874
	1998.12	2001.11	1WZ	1868	WZE11#	D	WPT-902 diam impeller 69mm
	1991.06	1997	2C	1974	CE104, 109V	D	WPT-004 FC: VT-874
	1992.05	1997.04	2C	1975	CE100	D	WPT-004 FC: VT-874
	1997.04	2000.02	2C	1975	CE110	D	WPT-108
	2001.11	2004.05	1CD-FTV	1995	CDE120 D4D	D	WPT-120
	2003.04	2005.09	1CD-FTV	1995	CDE120 D4D	D	WPT-118*
2004.02	2005.08	1CD-FTV	1995	CUR10 D4D	D	WPT-120	
2006.11	.	1AD-FTV	1998	ADE150 D4D - japan	D	WPT-914*	
2008.02	2009.03	1AD-FTV	1998	ADE150 D4D - south africa	D	WPT-914*	
2009.03	.	1AD-FTV	1998	ADE150 D4D - south africa	D	WPT-145*	
COROLLA VERSO	2001.10	2004.05	4ZZ-FE	1398	ZZE120	G	WPT-120
	2001.10	2004.01	3ZZ-FE	1598	ZZE121	G	WPT-106*
	2002.01	2004	3ZZ-FE	1598	E12J	G	WPT-106
	2004	.	3ZZ-FE	1598	VWT-I	G	WPT-106*
	2001.09	2004.01	1ZZ-FE	1794	ZZE122N	G	WPT-106
	2004	.	1ZZ-FE	1794	E12	G	WPT-106*
	2001	2004	1CD-FTV	1995	EE11/E12	D	WPT-120
	2001.10	2004.01	1CD-FTV	1995	CDE120 D4D	D	WPT-120*
	2004.04	.	1CD-FTV	1995	CUR10 D4D	D	WPT-118
	2005.08	2007.05	2AD-FHV	2231	AUR10 - D4D - CAT 130Kw	D	WPT-914*
2005.08	2007.05	2AD-FTV	2231	AUR10 - D4D - 100Kw	D	WPT-914*	
CORONA	1992.10	1996	1GFE	1988	GX90	G	WPT-009
CORONA, MKI/II	1973.08	1978.08	18R-U	1968	RT104/114/118	G	WPT-064
	1978.09	1982.01	18R-U	1968	RT132	G	WPT-064
CRESSIDA	1980.09	1983.10	13T	1770	TX60/62	G	WPT-049 FC: VT-804
	1980.09	1982.08	21R	1972	RX60	G	WPT-017* PL F: FNT-003*











				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

# TOYOTA

CRESSIDA	1980.09	1980.12	1G	1988	GX60, 61	G	WPT-035
	1984.08	1988	1G	1988	GX70, 71	G	WPT-035
	1980.12	1984.07	1GEU	1988	GX60, 61 EFI	G	WPT-035
	1980.08	1984.07	L	2188	LX60	D	WPT-067* PL F: FNT-003*
	1980.08	1984.07	L	2188	LX67	D	WPT-067
	1984.08	1988.09	2L	2446	LX70/76	D	WPT-013 FC: FCT-025*
	1984.08	1985.11	2LT	2446	LX70 T	D	WPT-013 FC: FCT-025*
	1985.11	1988.08	2LT	2446	LX70 T	D	WPT-013 FC: FCT-025*
CROWN	1979.09	1983.07	5MR	1994	RS110	G	WT-066* PL F: FNT-027*
	1979.09	1983.07	L	2188	LS110	D	WPT-067 PL F: FNT-003*
	1979.09	1983.07	5ME	2759	MS112	G	WPT-075 PL F: FNT-013*
	1983.08	1985.09	5ME	2759	MS123	G	WPT-075 PL F: FNT-013*
DYNA	1985.08	1987.08	1Y	1626	YH80	G	PL F: FNT-027*
	1987.08	.	2Y	1812	YH80	G	WPT-016 FC: FCT-037*
	1972.01	1977.08	5R	1994	RU1/12/15	G	WPT-084
	1975.01	1980.09	5R	1994	RY16, RY31	G	WPT-084
	1984.09	1987.08	3Y	1998	YU60/61/70/80	G	WPT-016 PL F: FNT-027*
	1985.08	1995	3Y	1998	YY61	G	WPT-016
	1987.08	1990.08	3Y	1998	YU60/61/70/80	G	WPT-016
	1987.08	1988.08	3Y	1998	YY61	G	WPT-016 FC: FCT-037* PL F: FNT-003*
	1990.08	1995	3Y	1998	YU60/61/70/80	G	WPT-016
	1995.05	1999.05	3Y	1998	YY100	G	WPT-016 FC: FCT-037*
	1995.05	1999.05	3Y	1998	YY211	G	WPT-016 FC: FCT-037* PL F: FNT-003*
	1985.08	1987.08	3Y-J	1998	YY52/61	G	WPT-016 FC: FCT-037*
	1985.08	1988.07	2L	2446	LH80	D	WPT-013 FC: FCT-025* PL F: FNT-019*
	1988.07	1988.08	2L	2446	LH80	D	WPT-013 FC: FCT-025* PL F: FNT-019*
	1988.08	.	2L	2446	LH80	D	WPT-001A
	1995.05	1999.11	2L	2446	LY100	D	WPT-001A*
	1988.08	1989.08	3L	2779	LY61 Europe general	D	WPT-001A
	1988.08	1989.08	3L	2779	LY61 for Switzerland	D	WPT-001A
	1989.08	1995.05	3L	2779	LY61 DRT	D	WPT-001A
	1989.08	1995.05	3L	2779	LY61 SRT	D	WPT-001A
	1995.05	1999.05	3L	2779	LY100	D	WPT-001A
	1995.05	1999.05	3L	2779	LY211	D	WPT-001A
	1985.01	1988.08	11B	2977	BU61	D	WPT-054
	1985.01	1988.08	11B	2977	BU81	D	WPT-054
	1988.08	1995.05	11B	2977	BU61	D	WPT-047
	1988.08	1995.05	11B	2977	BU84	D	WPT-047
	1972.02	1980.08	B	2977	BU10, 12, 15	D	WPT-073
	1977.08	1980.08	B	2977	BU20/25/30	D	WPT-073
	1980.08	1984.08	B	2977	BU20/22/30/33/35, BY30	D	WPT-019
	1983.08	1984.08	B	2977	BY31	D	WPT-081
	1984.08	1985.07	B	2977	BY31	D	WPT-054
	1984.09	1987.08	B	2977	BU6#, 7#, 8#	D	WPT-019
1986.01	1988.08	B	2977	BU60VH	D	WPT-054	
1987.08	1988.08	B	2977	BU6#, 7#, 8#	D	WPT-019	









TOYOTA COOLING SYSTEM

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

## TOYOTA

COOLING SYSTEM	TOYOTA	DYNA	1988.08	1989.10	B	2977	BU60, 70, 83, 84	D	WPT-039
		1988.08	1995.05	B	2977	BU60VH	D	WPT-047	
		1988.08	1995.05	B	2977	BU84	D	WPT-047	
		1989.10	1995.05	B	2977	BU60, 70, 83, 84	D	WPT-039	
		2001.07	2004.08	5L	2986	LY220/230	D	WPT-001A* PL F: FNT-023*	
		1979.04	1980.08	2B	3168	BU31	D	WPT-073	
		1981.07	1987.08	13B	3431	BU6#, 7#, 8#, 9#	D	WPT-054	
		1987.08	1988.08	13B	3431	BU6#, 8#, 9#, 62 double cabin	D	WPT-054	
		1984.09	1988.08	13B-T	3431	BU85, 90, 95	D	WPT-054	
		1980.09	1987.08	3B	3431	BU2#, 3#, 4#, 5#, 62#	D	WPT-019	
		1989.10	1995.05	3B	3431	BU68DH	D	WPT-039	
		1995.05	1995.05	3B	3431	BU10#, 120V, 14#	D	WPT-047	
		1989.10	1993.10	14B	3700	BU72, 78	D	WPT-047	
		1995.05	1996.11	15B	4104	BU100, BU140	D	WPT-047	
1995.05	1999.08	15B	4104	BU102, 112, 132, 142, 212, 222	D	WPT-047			
2002.12	2003.10	15B	4104	BU300, XZU300, 320, 330, 340	D	WPT-171*			
DYNA 100	2001.08	.	2KD-FTV	2494	KDY220, 230	D	WPT-109* PL F: FNT-009*		
	2004.08	2006.02	2KD-FTV	2494	KDY220, 230	D	WPT-109*		
DYNA 150	1983.08	1985.08	2L	2446	LY60	D	WPT-013 FC: FCT-025*		
	1985.08	1988.03	2L	2446	LY60	D	WPT-013 FC: FCT-025* PL F: FNT-019*		
	2001.08	.	2KD-FTV	2494	KDY250, 260	D	WPT-109* PL F: FNT-009*		
DYNA 200	1989.10	1995.05	14B	3700	BU88, BU9#	D	WPT-047		
	1996.11	.	15B	4104	BU100, BU140	D	WPT-047*		
	1995.05	1996.10	.		BU101/111/141	D	WPT-047*		
DYNA 250	.	.	5L	2986	LN140	D	WPT-001A		
FJ CRUISER	2007.07	.	.	4000	G SJ15 V6 - 239Ch	G	WPT-136*		
HI-ACE	1975.11	1980.06	12R	1587	RH11/20	G	WPT-077		
	1975.11	1980.06	12R	1587	RH13/16/24/30/34/40	G	WPT-077		
	1980.06	1985.07	12R	1587	RH24/34	G	WPT-077 FC: VT-805		
	1985.08	1987.08	1Y-J	1626	YH80	G	WPT-016 FC: FCT-037*		
	1982.12	1989.08	2Y	1812	YH50 P-U	G	WPT-016 FC: FCT-037*		
	1988.08	1989.08	2Y	1812	YH50 P-U	G	WPT-016 FC: FCT-037*		
	1982.12	1984.06	2Y-J	1812	YH50/60	G	WPT-016		
	1984.06	1987.08	2Y-J	1812	YH50/60	G	WPT-016		
	1989.08	1993.08	1RZ	1998	RZH102	G	WPT-012 FC: FCT-027*		
	1989.08	1995.08	1RZ	1998	RZH109/119	G	WPT-012		
	2003.08	.	1RZ	1998	RZH10#, 11#	G	WPT-042*		
	1989.08	1993.08	1RZ/2RZ	1998	RZH113	G	WPT-012		
	1993.08	2003.07	1RZ/2RZ	1998	RZH102/103/112/115	G	WPT-012 FC: FCT-027*		
	1987.08	1988.07	3Y	1998	YH51/61	G	WPT-016 FC: VT-805		
	1987.08	1988.08	3Y	1998	YH57G	G	WPT-016 FC: VT-805		
	1987.08	1989	3Y	1998	YH61	G	WPT-016 FC: VT-805		
	1988.07	1989.08	3Y	1998	YH51/61	G	WPT-016 FC: VT-805		
	1982.12	1987.08	3Y-J	1998	YH51/52/61/62/71	G	WPT-016 FC: VT-805		
	1982.12	1987.08	3Y-U	1998	YH51/61/71	G	WPT-016		
	2003.07	.	1TR	2000	TRH102, 112, 122, 124	G	WPT-044*		

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

## TOYOTA

HI-ACE	1979.07	1980.06	L	2188	LH11/20/24/30/40	D	WPT-067 FC: FCT-025*
	1980.06	1982.12	L	2188	LH11/20/24/30/40	D	WPT-067 FC: FCT-025*
	1982.12	1984.01	L	2188	LH50/60/70	D	WPT-013 FC: FCT-025*
	1995.08	1998.04	#R	2438	RCH12	G	WPT-042*
	1989.08	1995.08	2RZ	2438	RZH103	G	WPT-012 FC: FCT-027*
	2006.08	.	2RZ	2438	RZH103, 105, 113, 155	G	WPT-042*
	2006.08	.	2RZ	2438	RZH125, 135, 153, 155	G	WPT-042*
	1996.08	1998.04	RZ-E	2438	RCH18	G	WPT-042
	1995.08	1996.12	#L	2446	LXH1# T	D	WPT-001A
	1996.12	1997.08	#L	2446	LXH1#/2# T	D	PL F: FNT-019*
	1997.08	.	#L	2446	LXH1#/2# T	D	WPT-001A PL F: FNT-019*
	1984.01	1989.08	2L	2446	LH51/61/71/80/85	D	WPT-001A
	1986.08	1989.08	2L	2446	LH56/66 4WD	D	WPT-013 FC: FCT-025* PL F: FNT-019*
	1988.08	1989.08	2L	2446	LH51/61	D	WPT-013* FC: FCT-025* PL F: FNT-019*
	1988.08	1989	2L	2446	LH56/66 4WD	D	WPT-001A
	1988.08	1989.08	2L	2446	LH71/80/85	D	WPT-013 FC: FCT-025*
	1989	1995.08	2L	2446	LH118/108 4WD	D	WPT-001A
	1989.08	1993.08	2L	2446	LH100/102/104/110/112/114	D	WPT-001A PL F: FNT-019*
	1993.08	1997.01	2L	2446	LH100/102/104/110/112/114	D	WPT-001A PL F: FNT-019*
	1995.08	1997.01	2L	2446	LXH12/22	D	WPT-001A
	1995.08	2001	2L-T	2446	LXH12/18/22/28 T 4WD	D	WPT-001A
	1995.08	1997.01	2L-T	2446	LXH12/18/22/28 T 4WD	D	WPT-001A PL F: FNT-023*
	2001.08	.	2KD-FTV	2494	KLH12/22 D4D	D	WPT-109* PL F: FNT-009*
	2001.08	.	2KD-FTV	2494	KLH18/28 D4D	D	WPT-109* PL F: FNT-009*
	2001.11	.	3RZ-FE	2694	RCH13, 19, 23, 29	G	WPT-044* PL F: FNT-002*
	1989.08	1993.08	3L	2779	LH107 4WD	D	WPT-001A FC: FCT-029*
	1989.08	1998.08	3L	2779	LH109/119/129 4WD	D	WPT-001A FC: FCT-012*
	1989.08	1998.08	3L	2779	LH113/114/123	D	WPT-001A FC: FCT-012*
	1989.08	1998.08	3L	2779	LH125	D	WPT-001A* FC: FCT-012* PL F: FNT-019*
	1993.08	1995.11	1KZ	2982	KZH100/106/110	D	WPT-109
	1997.01	.	1KZ	2982	KZH100/106/110	D	WPT-113
	2004.01	.	5L-E	2986	LH200/202/212/222	D	WPT-001A*
HI-LUX	1974.08	1980.09	12RJ	1587	RN20/25/30/33/34/40/43	G	WPT-077
	1980.09	1985.08	12R-J	1587	RN33/34/35/44/45	G	WPT-076 FC: VT-805
	1985.08	.	12R-J	1587	RN35/45	G	WPT-076 FC: VT-805
	1988.09	1994.07	2Y	1812	YN80/85	G	WPT-016 FC: VT-805 PL F: FNT-003*
	1983.11	1987.02	2Y-J	1812	YN51/56/61	G	WPT-016 FC: VT-805
	1978.08	1980.09	18R-J	1968	RN31/41/36/39/46 2&4WD	G	WPT-069 FC: VT-805
	1980.09	1983.10	18R-J	1968	RN31/41/36/39/46 2&4WD	G	WPT-069 FC: VT-805 PL F: FNT-003*

COOLING SYSTEM

TOYOTA



CCM

BODY



SPECIFICATION



WP



FC











PL Fan

\* New Product

## TOYOTA

HI-LUX	1986.08	1989.03	3Y	1998	YN60/61/65 2&4 WD	G	WPT-016 FC: FCT-037*
	1983.11	1986.08	3Y-J	1998	YN57/60/61 2&4 WD	G	WPT-016 FC: FCT-037*
	1983.11	1986.08	3Y-J	1998	YN65 4WD	G	WPT-016 FC: FCT-037*
	1979.12	1980.09	L	2188	LN30/40	D	WPT-067 FC: FCT-059*
	1980.09	1985.08	L	2188	LN30/40/36/46/55 2&4WD	D	WPT-067 FC: FCT-059*
	1992.08	.	L	2188	LN10# /110	D	WPT-013 FC: FCT-025*
	1992.08	1993.08	L	2188	LN130	D	WPT-001A
	1997.08	2000.08	L	2188	LN190	D	WPT-001A*
	2000.08	2001.08	L	2188	LN190	D	WPT-001A* PL F: FNT-020*
	1986.08	1988.07	4Y	2237	YN58/62/67	G	WPT-016 FC: FCT-037*
	1988.08	1994.07	4Y	2237	YN92/106/110	G	WPT-016
	1986.01	1988.08	22R	2367	RN5# /61	G	WPT-007* PL F: FNT-003*
	1988.08	1992.08	22R	2367	RN106/110 JPP	G	WPT-007* FC: FCT-037*
	1992.08	.	22R	2367	RN106/110 JPP	G	WPT-007* FC: FCT-037*
	1997.08	2001.08	RZ	2438	RZN168, 173	G	WPT-042*
	2001.08	2005.08	2KD-FTV	2446	KDN165, 170	D	WPT-109 PL F: FNT-009*
	2004.08	.	2KD-FTV	2446	KDN165, 170	D	WPT-109*
	1983.11	1988.08	2L	2446	LN41 2&4 WD	D	WPT-013* FC: FCT-025*
	1983.11	1988.08	2L	2446	LN56/60 2&4 WD	D	WPT-013 FC: FCT-025* PL F: FNT-019*
	1983.11	1988.08	2L	2446	LN65 4WD	D	WPT-013 FC: FCT-025* PL F: FNT-019*
	1988.08	1992.10	2L	2446	LN130	D	WPT-001A
	1988.09	1992.08	2L	2446	LN10# /110	D	WPT-001A PL F: FNT-019*
	1988.09	1991.10	2L	2446	LN80	D	WPT-001A
	1988.09	1991.10	2L	2446	LN85/90	D	WPT-001A* PL F: FNT-019*
	1991.10	1997.08	2L	2446	LN85/90	D	WPT-001A PL F: FNT-019*
	1992.01	.	2L	2446	LN10# /110	D	WPT-001A PL F: FNT-019*
	1993.04	1995.11	2L	2446	LN130	D	WPT-001A
	1997.08	2000.12	2L	2446	LN165/170 T	D	WPT-001A
	2000.12	.	2L-T	2446	LN165/170 T	D	WPT-001A*
	2001.08	2005.08	2KD-FTV	2494	KDN145, 150	D	WPT-109*
	1988.08	1991.08	3L	2779	LN100/106/131	D	WPT-001A
	1991.08	.	3L	2779	LN100/106/107/131	D	WPT-001A
	2005.07	.	1KD	2982	KDN#	D	WPT-146*
1998.08	.	5L	2986	LN147	D	WPT-001A*	
1995.11	.	VZN185W-5VZ	3400	.	G	WPT-048	
IQ	2008.11	.	1KR-FE	996	KGJ10	G	WPT-164*
	2009	.	1NR	1330	VVT-i	G	WPT-168*
	2008.11	.	1ND	1364	NUJ10	D	WPT-170*
LAND-CRUISER	1984.11	1988.01	22R	2367	RJ70	G	WT-511* PL F: FNT-003*
	1984.11	1985.10	2L	2446	LJ70	D	WPT-013
	1985.10	1988.03	2L-T	2446	LJ7# T	D	WPT-013 FC: FCT-025* PL F: FNT-019*

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

## TOYOTA

LAND-CRUISER	1988.03	1990.03	2L-T	2446	LJ7# T	D	WPT-013 FC: FCT-025* PL F: FNT-019*
	1992.08	1993.05	2LT..	2446	LJ7# T	D	WPT-001A FC: FCT-029*
	1990.01	1992.08	2LTE	2446	LJ7# T	D	WPT-001A FC: FCT-029*
	1974.02	1980.07	B	2977	BJ40, 43, 45	D	WPT-073
	1993.05	1996.03	1KZ-T	2982	KZJ7# T	D	WPT-109 PL F: FNT-009*
	1980.08	1984.10	3B	3431	BJ 42, 45, 46	D	WPT-074* FC: VT-864 PL F: FNT-003*
	1980.08	1984.10	3B	3431	BJ40, 43, 60, 61	D	WPT-074 FC: VT-864
	1984.11	1988.08	3B	3431	BJ61, 70, 73, 75	D	WPT-074
	1985.10	1987.08	3B	3431	BJ71	D	WPT-074 FC: VT-864 PL F: FNT-003*
	1987.08	1990.01	3B	3431	BJ71	D	WPT-080 FC: VT-864
	1990.01	1991.08	1PZ	3470	PZJ70/73/75/77	D	WPT-015 PL F: FNT-010*
	1974.08	1979.02	F	3878	FJ40, 43, 45, 55	G	WT-090
	1985.10	1987.08	3F	3955	FJ71, 74 T	D	WPT-061
	1987.08	.	3F	3955	FJ71, 74 T	D	WPT-061
	1985.10	1987.09	12H-T	3980	HJ61	D	WPT-051
	1987.09	1990.01	12H-T	3980	HJ61	D	WPT-051
	1981.03	1987.08	2H	3980	HJ40/43/45/47/60/75	D	WPT-051
	1990.01	1995.01	1HZ	4164	HZJ71 (with clutch booster)	D	WPT-015 PL F: FNT-010*
	1995.01	1999.08	1HZ	4164	HZJ71	D	WPT-015*
	1999.08	2001.08	1HZ	4164	HZJ7#	D	WPT-015 PL F: FNT-015*
	1975.01	1976.04	2F	4230	FJ40, 43, 45, 55	D	WPT-020
	1975.01	1980.08	2F	4230	FJ60	D	WPT-020*
	1975.01	1987.08	2F	4230	FJ61, 65	D	WPT-020*
	1976.04	1986.04	2F	4230	FJ40, 43, 45	D	WPT-020* PL F: FNT-017*
	1976.04	1980.07	2F	4230	FJ55	D	WPT-020* PL F: FNT-017*
	1980.07	1987.08	2F	4230	FJ55	D	WPT-020*
	1980.08	1984.11	2F	4230	FJ60	D	WPT-020* PL F: FNT-022*
	1984.11	1987.08	2F	4230	FJ60	D	WPT-020*
1986.04	1987.08	2F	4230	FJ40, 43, 45	D	WPT-020*	
1999.08	2004.04	1FZFE	4477	FZJ71, 74, 78, 79	G	WPT-131*	
1985.10	1987.09	VM		BJ73	D	WPT-908	
1987.09	1994.02	VM		BJ73	D	WPT-908	
LAND-CRUISER 100	1998.01	2000.08	1HDFTE	4164	HDJ100 T	D	WPT-015 PL F: FNT-015*
	2000.08	2002.08	1HDFTE	4164	HDJ100 T	D	WPT-015* PL F: FNT-024*
	2002.08	.	1HDFTE	4164	HDJ100 T	D	WPT-015* PL F: FNT-015*
	1998.01	2001	2UZFE	4664	UZJ100	G	WPT-125* PL F: FNT-012*
LAND-CRUISER 120	2002.09	2004.08	1KD	2982	KDJ12# 5 Speed	D	WPT-109
	2004.08	.	1KD	2982	KDJ12# 6 Speed	D	WPT-109*
	2004.01	.	5L-E	2986	LJ120/125	D	WPT-001A*
	2003.01	2009.08	1GRFE	3956	GRJ12#	G	WPT-136* PL F: FNT-007*
LAND-CRUISER 150	2009.08		1GR	3955	GRJ151	G	WPT-169*
LAND-CRUISER 200	2008.01			4461	#J20#	D	WPT-143*
LAND-CRUISER 80	1995.01	1998.01	1HDFTE	4164	0	D	WPT-015 FC: FCT-034*

COOLING SYSTEM









TOYOTA

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

## TOYOTA

LAND-CRUISER 80	1990.01	1995.01	1HD-T	4164	HDJ80 T	D	WPT-015 FC: FCT-034* PL F: FNT-010*
	1990.01	1998.01	1HD-T	4164	HDJ81 T	D	WPT-015 FC: FCT-034*
	1990.01	1998.01	HZ	4200	HZJ80	D	WPT-015 PL F: FNT-010*
	1995.01	1996.08	1FZ	4476	FZJ80	G	WPT-023
	1996.08	1998.01	1FZ	4476	FZJ80	G	WPT-023
LAND-CRUISER 90	2000.10	2002	1KD	2982	KDJ90/95 D4D DI	D	WPT-109
	1996.04	1998.05	1KZ-TE	2982	KZJ9# T	D	WPT-109
	1998.05	2000.08	1KZ-TE	2982	KZJ9# T	D	WPT-109
	2000.08	.	1KZ-TE	2982	KZJ9# T	D	WPT-109* PL F: FNT-009*
	1995	.	5VZ-FE	3378	VZJ9# V6	G	WPT-048 PL F: FNT-005*
LAND-CRUISER	2009.08	.	1KD-FTV	2982	KDJ15#	D	WPT-109*
	2009.08	.	1GRFE	3956	GRJ12#	G	WPT-136*
	2009.08	.	1GRFE	3956	GRJ150	G	WPT-169*
LITE-ACE	1972.08	1979.08	4K	1290	KM11	G	WPT-024
	1979.08	1982.10	4K	1290	KM11, KM20	G	WPT-024
	1982.10	1986.10	4K	1290	KM30	G	WPT-024
	1985.09	1988.08	5K	1486	KM30, KM36	G	WPT-024
	1988.08	1992.01	5K	1486	KM30, KM36	G	WPT-024
	1992.01	1995.01	5K	1486	KR21	G	WPT-024
	1992.01	1995.01	5K	1486	KR27	G	WPT-024
	1982.10	1988	1C	1839	CM20, 25, 26, 35, 50, CR26	D	WPT-004 FC: VT-874 PL F: FNT-003*
	1985.09	1990.05	2C	1974	CM30G, 31V, 36V, 41V	D	WPT-004 FC: VT-874
	1985.10	1990.05	2C	1974	CM41V	D	WPT-004 FC: VT-874
	1988.08	1992.05	2C	1974	CM51, 52, 55	D	WPT-004 FC: VT-874
	1990.05	1992.01	2C	1974	CM30G, 31V, 36V, 41V	D	WPT-004 FC: VT-874 PL F: FNT-003*
	1992.01	1995.01	2C	1974	CR21	D	WPT-004* FC: VT-874 PL F: FNT-003*
	1992.01	1995.01	2C	1974	CR27	D	WPT-004 FC: VT-874
1993.09	1996.10	3C-T	2184	CR31G, CR38G	D	WPT-059	
1992.01	1995.01	4Y-EC	2237	YR29LV	G	WPT-016	
1992.01	1995.01	Y	2237	YR22	G	WPT-016 FC: FCT-037*	
MODEL-F	1992.01	1995	5K	1486	KR21/27	G	WPT-024
	1982.11	1986.07	2Y-U	1812	YR20	G	WPT-016 FC: FCT-037* PL F: FNT-003*
	1982.11	1986.07	2Y-U	1812	YR28	G	PL F: FNT-003*
	1984.08	1987.08	2C	1974	CR21, 28	D	WPT-004* FC: VT-874 PL F: FNT-003*
	1987.08	1990.05	2C	1974	CR28	D	WPT-004 FC: VT-874
	1992.01	.	2C	1974	CR27	D	WPT-004* FC: VT-874
	1987.05	1988.08	3Y-E	1998	YR21	G	WPT-016* FC: FCT-037* PL F: FNT-003*
	1987.05	.	3Y-E	1998	YR30/36 2&4WD	G	WPT-016 FC: FCT-037*
1988.08	1990.01	3Y-E	1998	YR21	G	WPT-016 FC: FCT-037*	
MR	1984.06	1989.12	4A	1587	AW11	G	WPT-055

				<b>CCM</b>	<b>BODY</b>		<b>SPECIFICATION</b>	 WP
								 FC
								 PL Fan









\* New Product

# TOYOTA

MR	1987.08	1989.11	4AGZE	1587	AW11 T	G	WPT-055	
	1989.12	1993.11	3S-G	1998	SW20G	G	WPT-056	
	1989.12	1991.12	3SGTE	1998	SW20GT T	G	WPT-056	
	1991.12	1995.06	3SGTE	1998	SW20GT T	G	WPT-056	
MR-S	1999.12	2000.04	1ZZ	1794	ZZW30, 5F	G	WPT-106	
MR-S	2000.04	2007	1ZZ	1794	ZZW30, 5F	G	WPT-106	
	2000.08	2007	1ZZ	1794	ZZW30, 5FS SQ	G	WPT-106	
PASEO	1995.08	1996.11	5E	1498	EL54	G	WPT-107	
PICNIC	1996.09	2000	3S	1998	SXM10	G	WPTK-010*	
	1997.09	1998.11	3C-T	2184	CXM10	D	WPT-004 FC: VT-874	
	1998.11	2001.12	3C-T	2184	CXM10	D	WPT-126*	
PRADO VX	1997	2002	1KZ-TE	2982	KZJ	D	WPT-109*	
PREVIA	2001.02	.	1CD-FTV	1995	CLR30 D4D	D	WPT-120	
	1992.01	1993.08	3C-T	2184	CXR10/11/20/21	D	WPT-123*	
	1993.08	2000	3C-T	2184	CXR10/11/20/21	D	WPT-115	
	2000.02	.	2AZFE	2438	ACR30	G	WPT-129*	
	1989.07	1996.07	2TZ	2438	TCR1#, TCR2#	G	WPT-014 PL F: FNT-025*	
	1996.08	2000.08	2TZ	2438	TCR1#, TCR2#	G	WPT-014	
PRIUS	2000.05	2004.01	1NZ	1496	NHW11	H	WPT-111*	
PRIUS II	2003.09		1NZ	1496	NHW20	H	WPT-111*	
RAV-4	1994.04	1996.08	3S	1998	SXA10	G	WPT-010	
	1996.08	1998.06	3S	1998	SXA10	G	WPT-010	
	1998.06	2000	3S	1998	SXA10	G	WPT-010	
RAV-4 II	2000.05	.	1ZZ-FE II	1794	ZCA2# 2WD	G	WPT-106	
	2001.05	2005.04	1CD-FTV	1995	CLA2# 4WD D4D DI	D	WPT-120*	
	2000.08	.	1AZ-FE	1998	ACA2#	G	WPT-129*	
	2000.08	.	1AZ-FE	1998	ACA2# 4WD	G	WPT-129*	
RAV-4 III	2005.11	.	2AD-FHV	2231	ALA 30 D4D - 130Kw	D	WPT-145*	
	2005.11	.	2AD-FTV	2231	ALA 30 D4D - 100Kw	D	WPT-145*	
	2005.11	2006.08	2AZFE	2362	ACA38 - 125 Kw / WVT-i	G	WPT-129*	
	2006.09	2008.12	2AZFE	2362	ACA38 - 125 Kw / WVT-i	G	WPT-129*	
STARLET	1978.02	1984.10	2K	993	KP60	G	WPT-031	
	1989.06	1996	1E	999	EP80	G	WPT-107	
	1984.10	1989.05	1EL	999	EP70	G	WPT-107	
	1978.10	1982.10	3K	1166	KP62	G	WPT-031	
	1978.10	1983.07	4K	1290	KP61 CTT	G	WPT-031	
	1983.07	1984.09	4K	1290	KP61	G	WPT-021	
	1989.06	1996	2E	1295	EP81	G	WPT-107	
	1984.10	1989.05	2E-LU	1295	EP71, EP76	G	WPT-107	
	1996.01	1997.12	4E	1295	EP91	G	WPT-107	
	1996.01	1996.11	4E-FE	1295	EP91	G	WPT-107	
	1996.11	1997.12	4E-FE	1295	EP91	G	WPT-006	
	1997.12	1999.07	4E-FE	1295	EP91	G	WPT-006	
	1986.12	1987.08	1N	1453	NP70, NP76	D	WPT-034	
	1987.08	1989.05	1N	1453	NP70, NP76	D	WPT-034	
	1989.06	1995.12	1N	1453	NP80	D	WPT-034	
	SUPRA	1980.08	1981.06	5M-E	2759	MA56	G	WPT-065
		1981.07	1984.08	5M-E	2759	MA61	G	WPT-075
1984.08		1985.12	5M-E	2759	MA61	G	WPT-075	
1988.08		1992	7MGE	2954	MA70	G	WPT-025 PL F: FNT-013*	
1987.01		1992	7MGTE	2954	MA70 TT	G	WPT-025 PL F: FNT-013*	
1993.05		1995.04	2JZGE	2997	JZA80	G	WPT-110 PL F: FNT-008*	
1993.05		1995.04	2JZGE	2997	JZA80 TT	G	WPT-038 PL F: FNT-008*	
1995.04		2002.08	2JZGTE	2997	JZA80	G	WPT-110	
1995.04		2002.08	2JZGTE	2997	JZA80 TT	G	WPT-038	
TERCEL	1979.06	1982.05	2A	1295	AL11	G	WPT-066	
	1982.05	1986.05	2A	1295	AL20	G	WPT-066	
TERCEL 4WD	1982.08	1986.05	3A	1452	AL25G 4WD	G	WPT-066	
	1986.05	.	3A	1452	AL25G 4WD	G	WPT-066	

COOLING SYSTEM

TOYOTA

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

## TOYOTA

TOWNRA	1995	.	5VZ	3378	.	G	WPT-048
TRUCK	1975.01	1980.02	2F	4230	FA100, 110, 115	D	WPT-020
TRUENO	1978.05	1983.05	2T	1588	TE55/65/71	G	WPT-087
VERSO	2009	.	1ZR-FAE	1598	.	G	WPT-140*
	2009	.	2ZR-FAE	1798	.	G	WPT-140*
VERSO	2009	.	1AD	1998	D4D 93 Kw	D	WPT-914*
	2009	.	2AD	2231	D4D 110 Kw	D	WPT-914*
	2009	.	2AD	2231	D-CAT 130 Kw	D	WPT-914*
	2009	.	2AD	2231	D-CAT 130 Kw	D	WPT-914*
YARIS	1999.01	2005.08	1SZ-FE	998	SCP10 made in Japan	G	WPT-117
	2001.01	2005.11	1SZ-FE	998	SCP10 made in France	G	WPD-036*
	1999.08	2001.09	2NZ-FE	1299	NCP10 made in Japan	G	WPT-111*
	2001.09	2005.08	2NZ-FE	1299	NCP10 made in Japan	G	WPT-111*
	2001.01	2005.11	2SZ-FE	1299	SCP12 made in France	G	WPD-036*
	2001.12	2003.01	1ND-TV	1364	NLP10 D4D	D	WPT-111*
	2003.01	2005	1ND-TV	1364	NLP10 D4D	D	WPT-111
	2000.03	2005	1NZ-FE	1497	NCP12 Tsport	G	WPT-111*
YARIS II	2005.08	.	1KR-FE	998	KSP90 made in Japan	G	WPT-912A*
	2005.11	.	1KR-FE	998	KSP90 made in France	G	WPT-912A*
	2008.11	.	1KR-FE	998	KSP90 ECO MODEL	G	WPT-912A*
	2005.12	2008.11	2SZ-FE	1296	SCP90 made in France	G	WPD-036*
	2009.02	.	1NR-FE	1329	NSP090L	G	WPT-912A*
	2009.02	.	1NR-FE	1329	NSP90	G	WPT-912A*
	2009.02	.	1NR-FE	1329	NSP90 VVTi - 6FS-	G	WPT-912A*
	2005.11	2009.01	1ND-TV	1364	NLP90 D4D	D	WPT-157*
	2009.02	.	1ND-TV	1364	NLP90 D4D - 6FS-	D	WPT-157*
	2006.07	.	2ZR-FE	1798	ZSP90 made in Japan	G	WPT-140*
YARIS VERSO	1999.08	2001.09	2NZ	1299	NCP20	G	WPT-111*
	2001.09	.	2NZ	1299	NCP20	G	WPT-111*
	2001	2003.01	1ND-TV	1364	NLP20 D4D	D	WPT-111
	2003.01	2005	1ND-TV	1364	NLP20 D4D	D	WPT-111
	1999.09	2001.09	1NZ-FE	1497	NCP21	G	WPT-111*
	2001.09	.	1NZ-FE	1497	NCP21	G	WPT-111*



				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

## VAUXHALL (+ see OPEL)

MIDI	1985	1988.05	4ZB1	1817	.	G	WPG-902
	1988	1992	4ZC1	1994	.	G	WG-008
	1988	1994	4ZC1	1994	4WD	G	WG-008
	1985	1988	4FC1	1995	.	D	WPG-003
	1988	1992	4FC1-T	1995	T 4WD	D	WPG-003
	1988	1994	4FD1	2189	.	D	WPG-014
	1988.06	1994	4FD1	2189	4WD	D	WPG-014
	1994.10	.	4FG1	2388	.	D	WPG-003

COOLING SYSTEM

VAUXHALL  
(+ see OPEL)

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan









\* New Product

## VOLKSWAGEN

GOLF IV	1997.10	.	AGN	1781	92Kw	G	WE-VW01*
TARO	1989.04	1994.09	2Y	1812	made in Germany	G	WPT-016 FC: FCT-037*
	1989.04	1994.09	2Y	1812	made in Japan	G	WPT-016 FC: FCT-037*
	1989.06	1994.07	4Y	2237	4WD	G	WPT-016 FC: FCT-037*
	1989.06	1997.03	22R	2367	4WD	G	WPT-007
	1992.08	.	22R	2367	.	G	WPT-007
	1989.06	1997.03	2L-T	2446	T	D	WPT-001A

COOLING SYSTEM

VOLKSWAGEN

				<b>CCM</b>	<b>BODY</b>		<b>SPECIFICATION</b>	 WP
								 FC
								 PL Fan

\* New Product

## VOLVO

240	1978.09	1984.08	B21	2127	.	G	WV-006
	1978.09	1984.08	B23A	2316	.	G	WV-006
740	1984.09	.	B200E	1986	.	G	WV-007
	1984.09	1991	B230E	2316	.	G	WV-007
850	1994.08	1996.12	B5202 S	1984	LS 10V	G	WV-003B
	1991.06	1996.12	B5204 F	1984	LS	G	WV-003B
	1993.08	1996.12	B5204 FT/T	1984	LS 20V T	G	WV-003B
850 2.5	1991.06	1994.07	B5252	2435	LS 10V	G	WV-003B
	1994.08	1996.12	B5252 S	2435	LS 10V	G	WV-003B
	1991.08	1996.12	B5254 S	2435	LS 20V	G	WV-003B
850 T5	1993.08	1996.07	B5234 FT	2319	LS	G	WV-003B
850 T5-R	1995.08	1996.12	B5234 FT+/T4	2319	LS	G	WV-003B
960 2.9 24V	1995.08	1996.12	B6304S	2922	964	G	WV-002
960 ESTATE 2.9 20V	1995.08	1996.12	B6304S	2922	965	G	WV-002
C70 CONVERTIBLE	1998.03	2006.02	B5204 T2	1984	20V	G	WV-003B
	1998.03	2006.02	B5204 T3	1984	20V T	G	WV-003B
C70 CONVERTIBLE 2.0 T 20V	2000.03	.	.	1984	20V	G	WV-003B
C70 CONVERTIBLE 2.3 20V T5	1998.03	2006.02	B5234 T3	2319	20V	G	WV-003B
C70 CONVERTIBLE 2.5	1998.06	2006.02	B5254 S	2435	20V	G	WV-003B
	1998.03	2006.02	B5254 T	2435	20V T	G	WV-003B
C70 COUPE	1997.03	2002.09	B5204 T2	1984	20V	G	WV-003B
	1997.03	2002.09	B5204 T3	1984	20V T	G	WV-003B
C70 COUPE 2.0 T	2000.03	2002.09	.	1984	.	G	WV-003B
C70 COUPE 2.3 20V T-5	1997.03	2002.09	B5234 T3	2319	20V	G	WV-003B
C70 COUPE 2.5 20V	1999.03	2002.09	.	2435	20V	G	WV-003B
	1999.11	2002.09	B5254 S	2435	20V	G	WV-003B
C70 COUPE 2.5 20V T	1997.03	2002.09	B5254 T	2435	20V	G	WV-003B
S40 / V40	1995.10	1998.01	B4164S	1587	VS	G	WV-003B
	1998.01	1999.03	B4164S	1587	VS	G	WV-003B
	1999.03	2003.12	B4164S2	1587	VS	G	WV-003B
	2005.01	.	B4164S3	1596	.	D	WPV-903*
	1998.01	1999.08	B4184S	1731	VS	G	WV-003B
	1995.10	1998.01	B4184S/S3	1731	VS	G	WV-003B
	1999.03	2003.12	B4184S2/S9	1783	VS	G	WV-003B
	2001.06	2003.12	B1484SJ	1834	VS	G	WV-003B
	1998.03	.	B4184 SM	1834	VS	G	WV-003B
	1997.05	2000.07	B1494T/T2	1855	VS T4 T	G	WV-003B
	1996.07	1998.01	F8Q/D4192T/2	1870	TII 90HP, 95HP	D	WPM-904
	1998.01	2000.07	F8Q/D4192T/2	1870	TII 90HP, 95HP	D	WPM-904
	2000.07	2003.12	F9/D4192T3/T4	1870	DI 102HP, 115HP	D	WE-RE01A PULLEY 54,2mm
	1995.07	1998.01	B4204 S	1948	VS	G	WV-003B
	1997.10	2000.07	B4204 T	1948	VS	G	WV-003B
	2001.06	2003.06	B4204/T3	1948	VS	G	WV-003B
	1995.10	1998.01	B4204S	1948	.	G	WV-001D
	1998.01	.	B4204S	1948	.	G	WV-001D
	2000.07	2001.06	B4204T2	1948	VS	G	WV-003B
	2000.07	.	.	1984	VS T4 T	G	WV-003B
S60	2001.07	.	D5244T	2401	Kw120	D	WPV-902*
S80	2001.07	.	D5244T	2410	Kw120	D	WPV-902*
	2003.01	.	D5252T	2461	.	D	WPV-901*
	2000	2001	B6294S	2922	.	G	WV-005*
	2002	2006	B6294S2	2922	.	G	WV-005*
	2002	2006	B6294T	2922	T6	G	WV-005*
S90 2.9 24V	1997.01	1998.05	B6304G	2922	.	G	WV-002
V50	2005.01	.	B4164S3	1596	Kw80	D	WPV-903*
V70	2001.07	.	D5244T	2401	Kw120	D	WPV-902*
V90	1997.01	1998.12	B6304G	2922	24V	G	WV-002
XC70	2002	2006.02	.	2401	L5T	D	WPV-902*
XC90	2003	2005	B6294S	2922	T6	G	WV-005*

COOLING SYSTEM

VOLVO

				CCM	BODY		SPECIFICATION	 WP
								 FC
								 PL Fan

\* New Product

## XEDOS

6	1992.02	1997.07	B6	1598	CA	G	WPZ-015
	1992.02	.	KF	1995	CAEPE V6	G	WPZ-909
	.	.	KL-ZE	2493	CA V6	G	WPZ-909
9	1993.07	.	KF	1995	TAFP V6	G	WPZ-909
	1993.07	.	MILLER	2255	TA MILLER CYCLE	G	WPZ-909
	1993.07	.	KL-ZE	2496	TA5P V6	G	WPZ-909

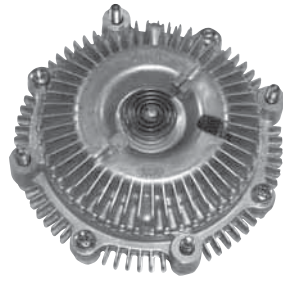
COOLING SYSTEM

XEDOS

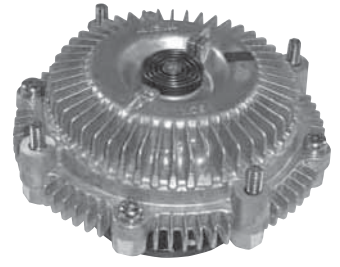
# PICTURES



**FCD-001**



**FCD-003**



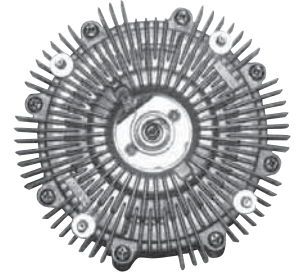
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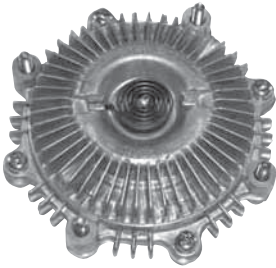
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**FCT-001**



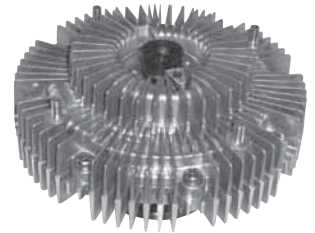
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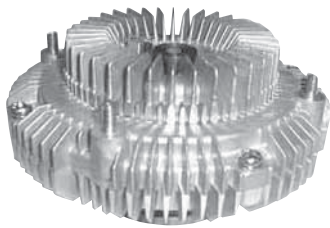
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**FCT-008**



**FCT-010**



**FCT-011**



**FCT-012**



**FCT-017**



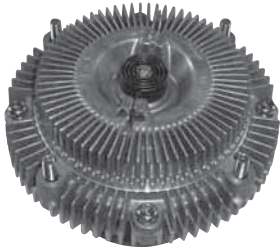
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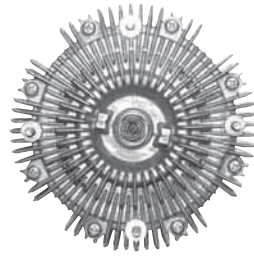
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**FCT-027**



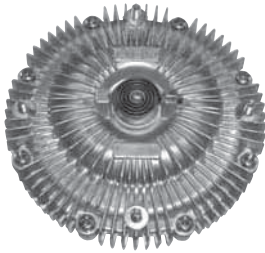
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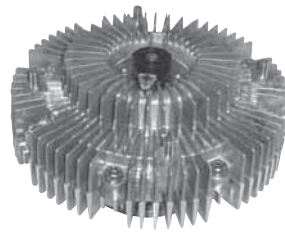
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**FCT-032**



**FCT-034**



**FCT-036**



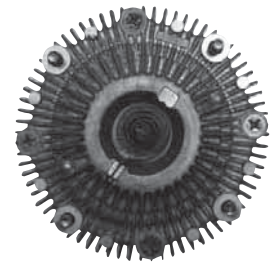
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**FCT-040**



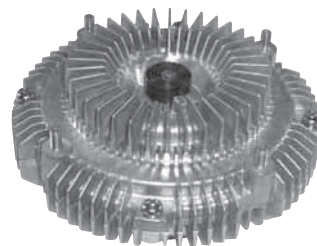
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**FCT-045**



**FCT-047**



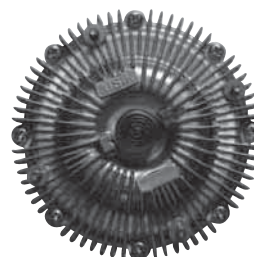
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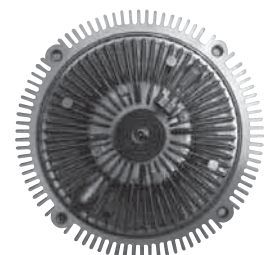
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**FCT-062**



**FCT-063**



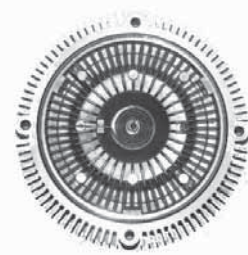
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**VN-811**



**VN-813**



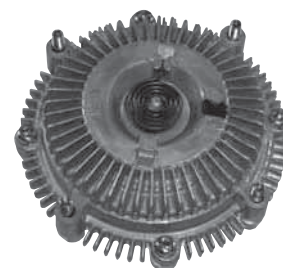
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**VN-819**



**VT-805**



**VT-818**



**VT-856**



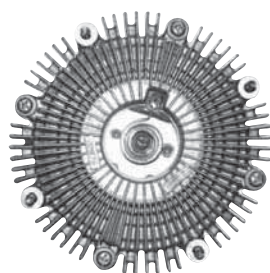
**VT-863**



**VT-874**



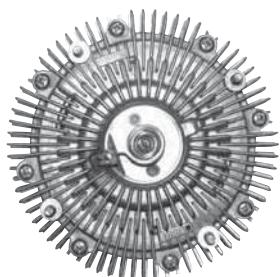
**VT-899**



**VT-913**



**VT-916**



**VT-921**



**VT-926**



**VT-928**





**WD-001**



**WD-002**



**WE-CI01**



**WE-FI01**



**WE-FI02**



**WE-FI03**



**WE-FI04**



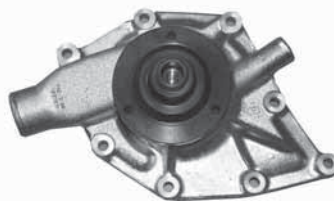
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**WE-FO02**



**WE-FO03**



**WE-LR01**



**WE-OP02**



**WE-OP03**



**WE-OP04**



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**WE-OP06**



**WE-OP07**



**WE-OP08**



**WE-RE01A**



**WE-RE02A**



**WE-RE03A**



**WE-RE04A**



**WE-SM01A**



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**WG-005**



**WG-008**



**WG-012**



**WG-015**



**WH-008**

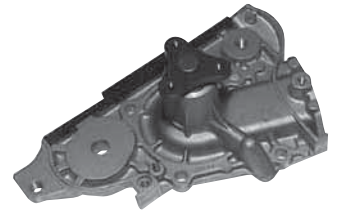
PICTURES



**WH-016**



**WH-020**



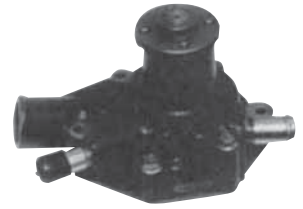
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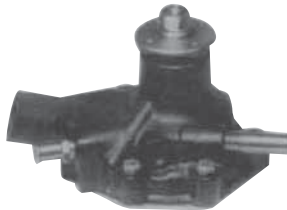
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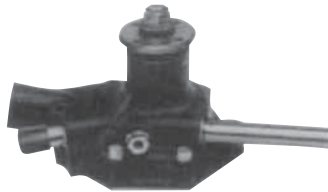
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**WM-004**



**WM-007**



**WM-008**



**WM-010**



**WM-017**



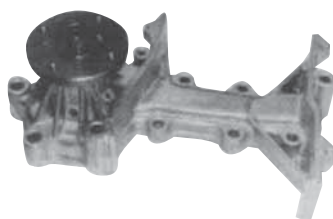
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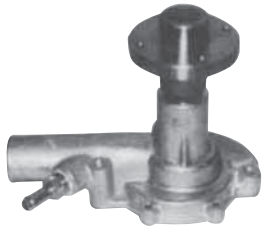
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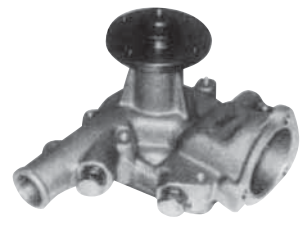
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**WN-052**



**WN-053**



**WN-075**



**WN-076**



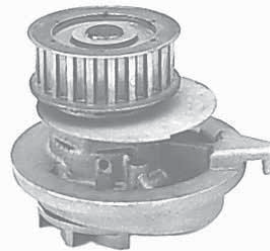
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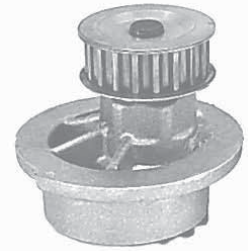
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**WO-003**



**WO-004**



**WO-005**



**WO-006**



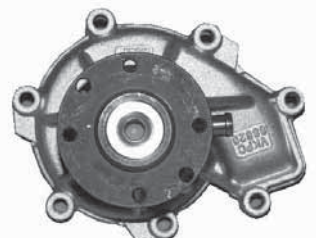
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**WO-009**

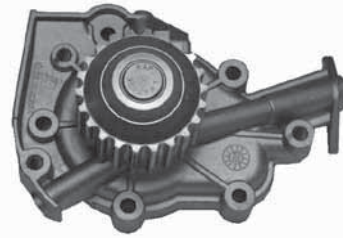


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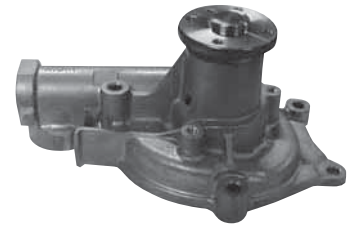
**PICTURES**



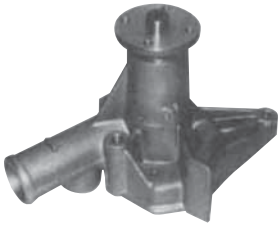
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**WP-3711A**



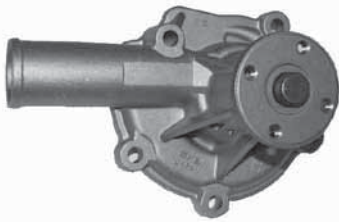
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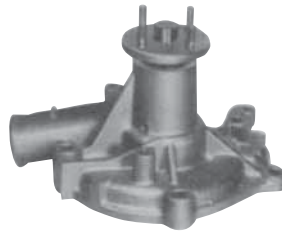
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**WP-4192**



**WP-4752A**



**WP-4772A**



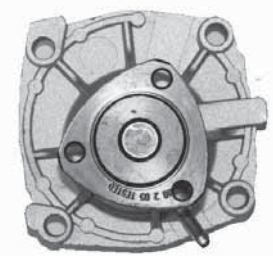
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**WP-8790**



**WPA-001**



**WPA-002**



**WPA-003**



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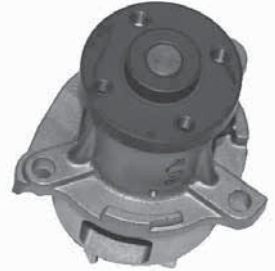




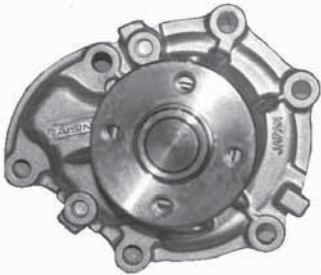
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**WPD-021**



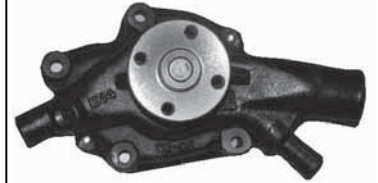
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**WPD-026**



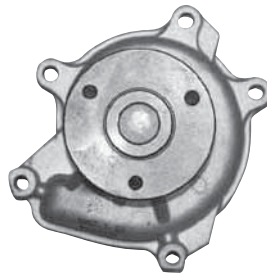
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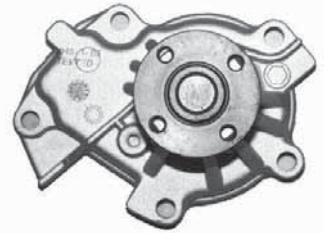
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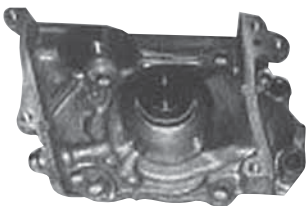
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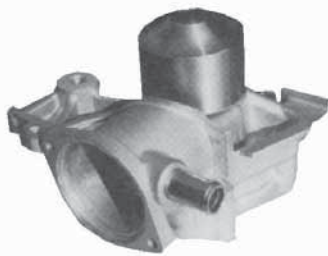
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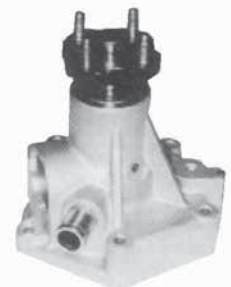
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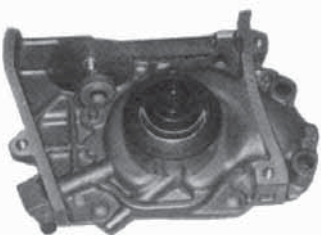
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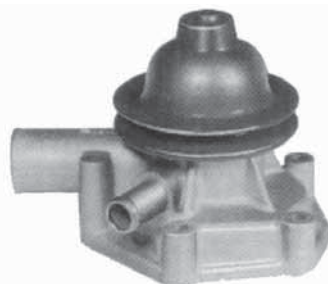
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**WPF-003**



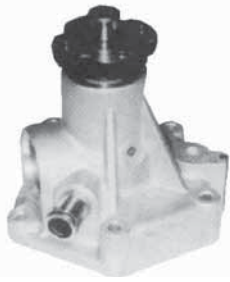
**WPF-004**



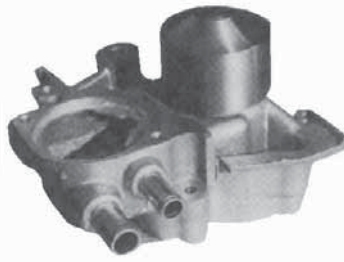
**WPF-005**



**WPF-006**



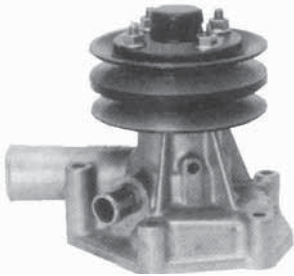
**WPF-007**



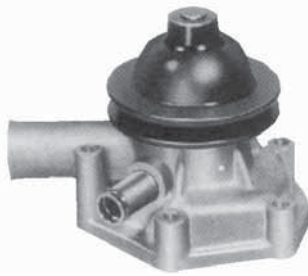
**WPF-008**



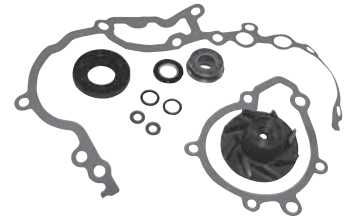
**WPF-010**



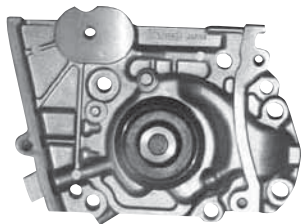
**WPF-011**



**WPF-012**



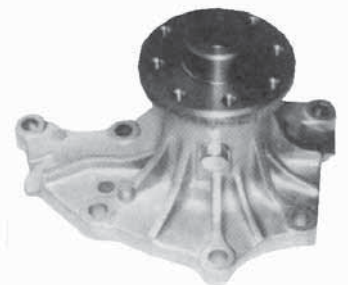
**WPF-019**



**WPF-021**



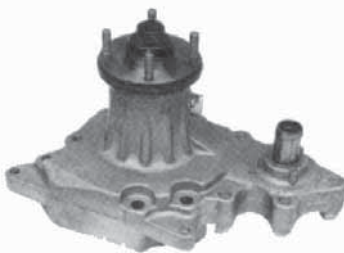
**WPF-901**



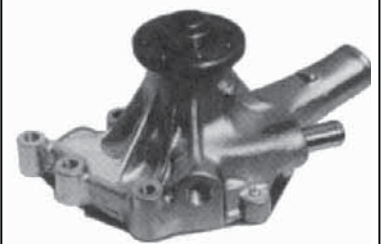
**WPG-001**



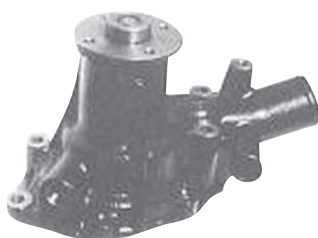
**WPG-002**



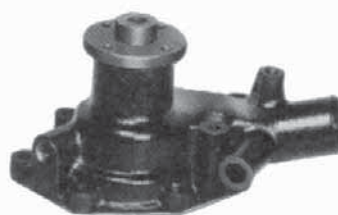
**WPG-003**



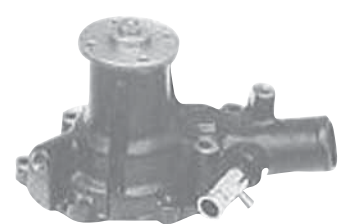
**WPG-004**



**WPG-005**



**WPG-006**

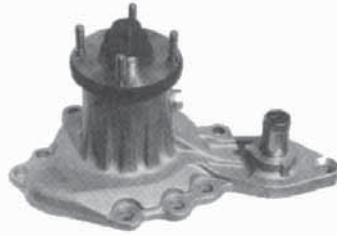


**WPG-008**





**WPG-010**



**WPG-014**



**WPG-015**



**WPG-016**



**WPG-017**



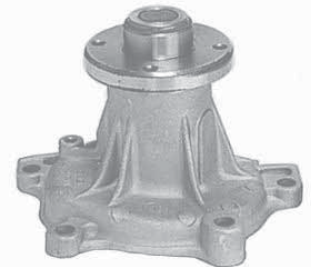
**WPG-018**



**WPG-020**



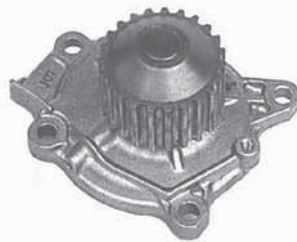
**WPG-901**



**WPG-902**



**WPG-904**



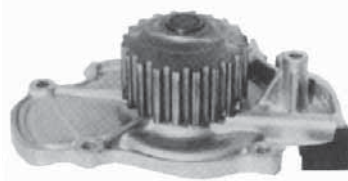
**WPG-905**



**WPG-907**



**WPG-910**



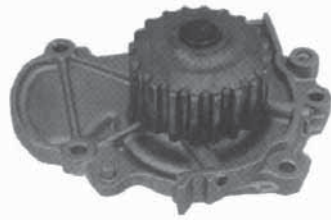
**WPH-001**



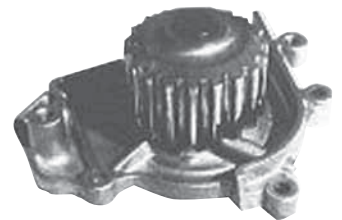
**WPH-002**



**WPH-003**



**WPH-004**



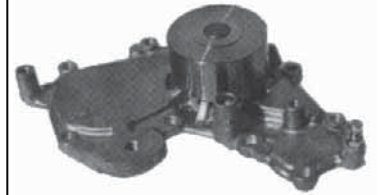
**WPH-005**



**WPH-006**



**WPH-007**



**WPH-008**



**WPH-010**



**WPH-011A**



**WPH-012**



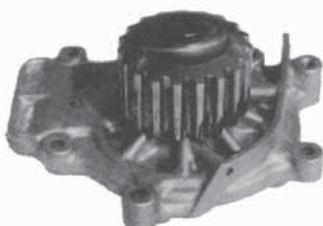
**WPH-013**



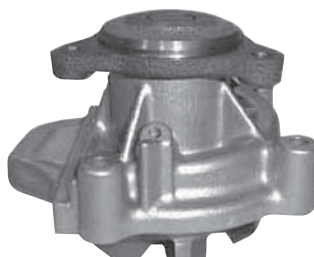
**WPH-014**



**WPH-015**



**WPH-016**



**WPH-017**



**WPH-018**



**WPH-019**



**WPH-020**



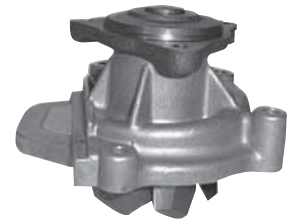
**WPH-021**



**WPH-022**



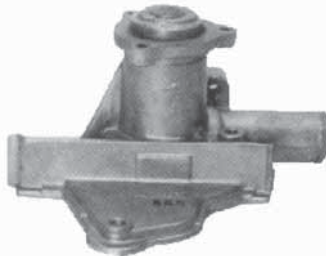
**WPH-023**



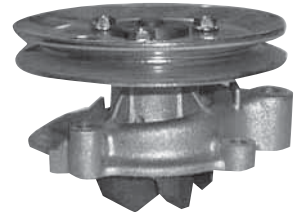
**WPH-024**



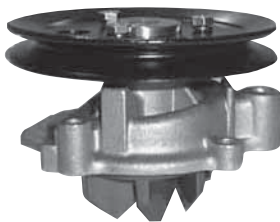
**WPH-025**



**WPH-026**



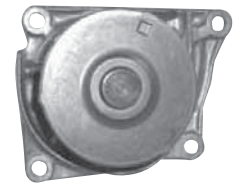
**WPH-027**



**WPH-028**



**WPH-029**



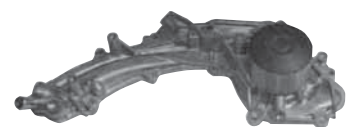
**WPH-032**



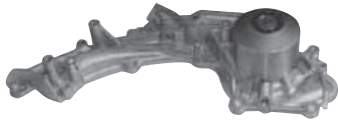
**WPH-033**



**WPH-034**



**WPH-036**



**WPH-040**



**WPH-901**



**WPH-902**



**WPH-908**



**WPH-909**



**WPH-911**



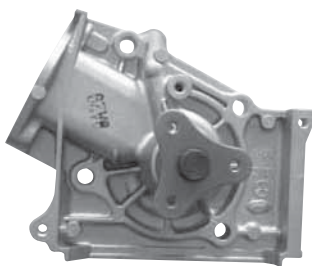
**WPH-913**



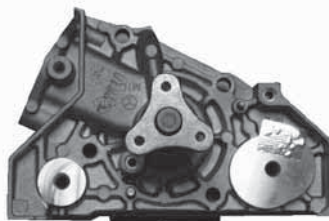
**WPK-001**



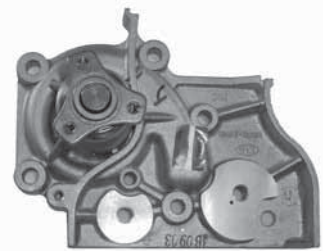
**WPK-002**



**WPK-003**



**WPK-004**



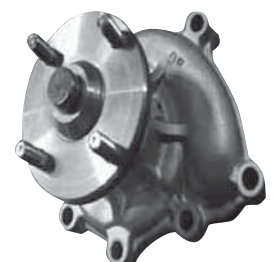
**WPK-005**



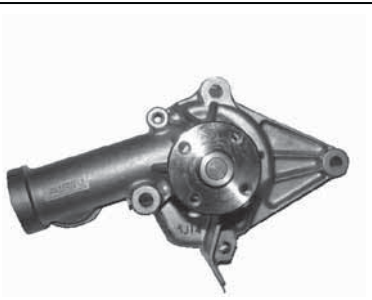
**WPK-006**



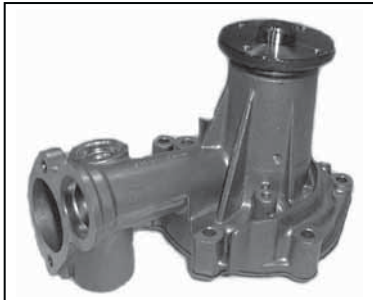
**WPK-013**



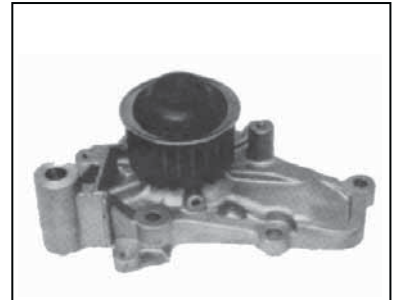
**WPK-015**



**WPM-001**



**WPM-002**



**WPM-003**



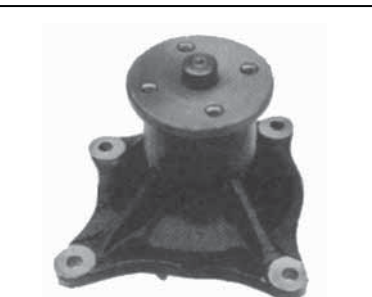
**WPM-004**



**WPM-006**



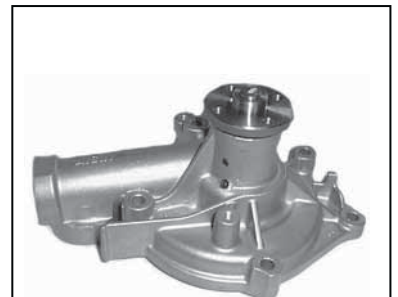
**WPM-007**



**WPM-008**



**WPM-009**



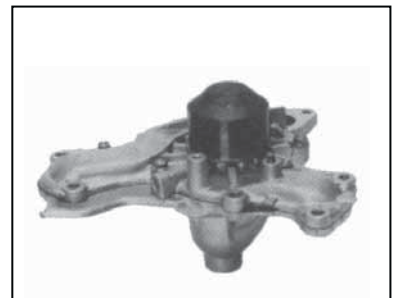
**WPM-010**



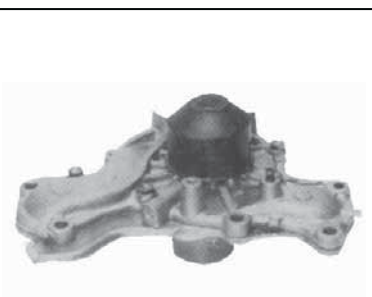
**WPM-011**



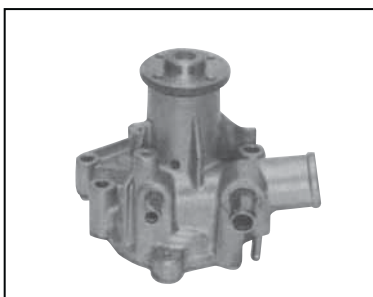
**WPM-012**



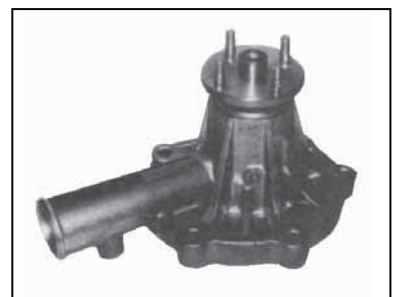
**WPM-013**



**WPM-014**



**WPM-015**



**WPM-016**



**WPM-017**



**WPM-020**



**WPM-022**



**WPM-028**



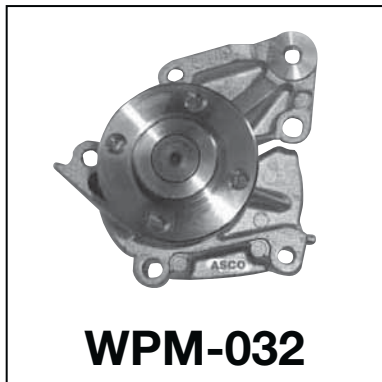
**WPM-029**



**WPM-030**



**WPM-031**



**WPM-032**



**WPM-033**



**WPM-035**



**WPM-036**



**WPM-037**



**WPM-038**



**WPM-040**



**WPM-042**

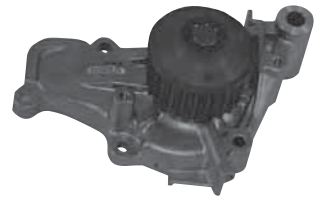
PICTURES



**WPM-043**



**WPM-044**



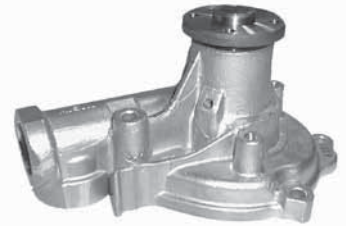
**WPM-045**



**WPM-046**



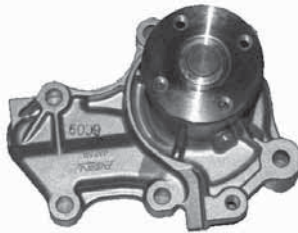
**WPM-047**



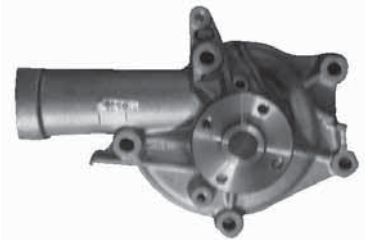
**WPM-048**



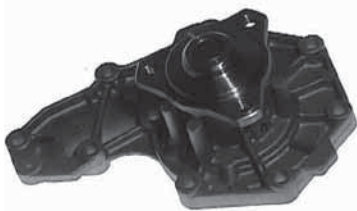
**WPM-054**



**WPM-055**



**WPM-056**



**WPM-904**



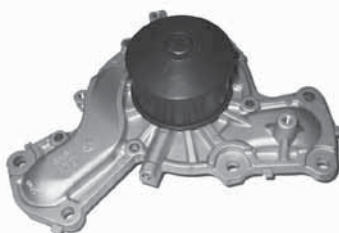
**WPM-907**



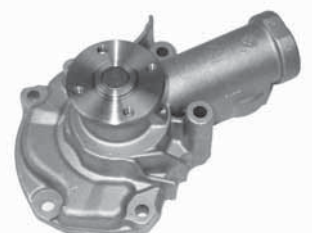
**WPM-908**



**WPM-909**



**WPM-910**



**WPM-911**



**WPM-912**



**WPM-913**



**WPN-001**



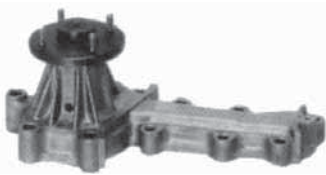
**WPN-002**



**WPN-003**



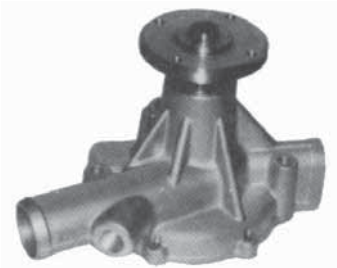
**WPN-004**



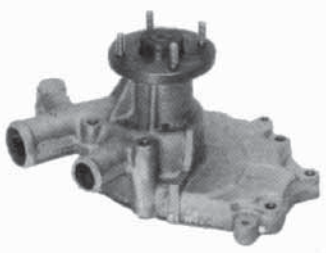
**WPN-005**



**WPN-006**



**WPN-007**



**WPN-008**



**WPN-009**



**WPN-010**



**WPN-011**



**WPN-012**



**WPN-013**





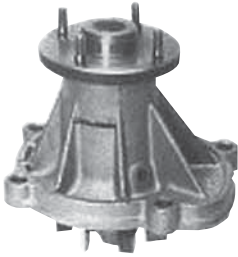
**WPN-014**



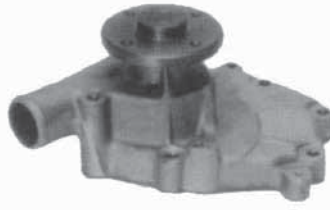
**WPN-015**



**WPN-016**



**WPN-017**



**WPN-018**



**WPN-019**



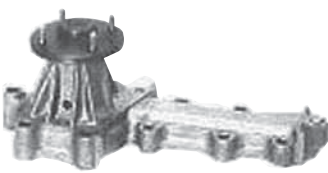
**WPN-020**



**WPN-021**



**WPN-022**



**WPN-023**



**WPN-024**



**WPN-025**



**WPN-026**



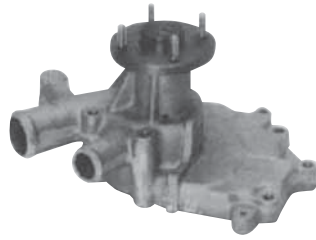
**WPN-027**



**WPN-028**



**WPN-029A**



**WPN-030**



**WPN-031**



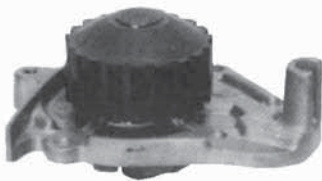
**WPN-032**



**WPN-033**



**WPN-034**



**WPN-035**



**WPN-036**



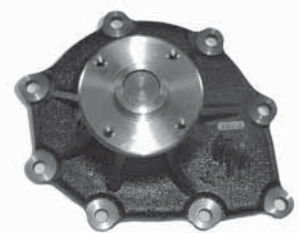
**WPN-037**



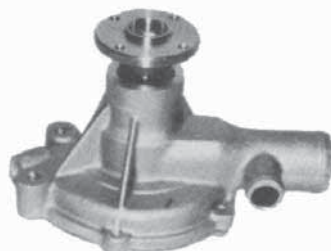
**WPN-038**



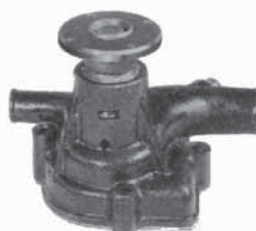
**WPN-039**



**WPN-040**



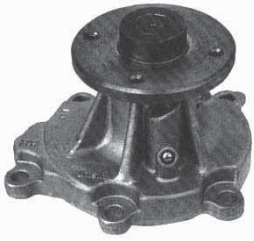
**WPN-041**



**WPN-043**



**WPN-052**



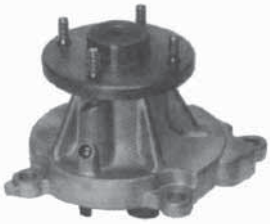
**WPN-053**



**WPN-054A**



**WPN-055**



**WPN-056**



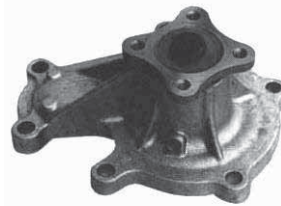
**WPN-057**



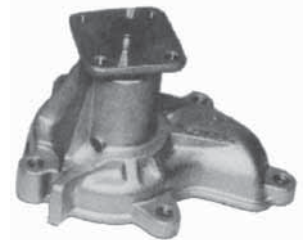
**WPN-058**



**WPN-059**



**WPN-060**



**WPN-061**



**WPN-062**



**WPN-063**



**WPN-064**



**WPN-065**



**WPN-066**



**WPN-067**



**WPN-068**



**WPN-069**



**WPN-070**



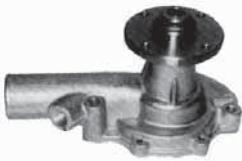
**WPN-071**



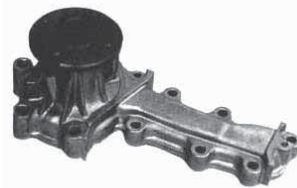
**WPN-072**



**WPN-073**



**WPN-074**



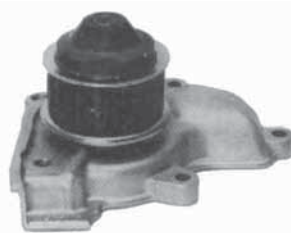
**WPN-075**



**WPN-076**



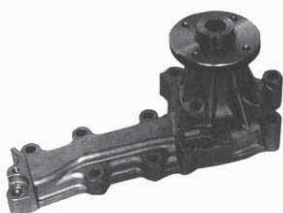
**WPN-077**



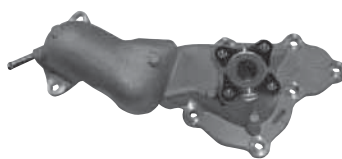
**WPN-078**



**WPN-079**



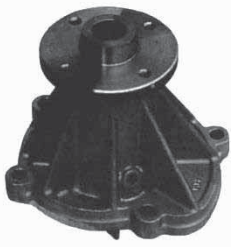
**WPN-080**



**WPN-081**



**WPN-082A**



**WPN-083**



**WPN-084**



**WPN-085**



**WPN-086**



**WPN-087**



**WPN-7103**



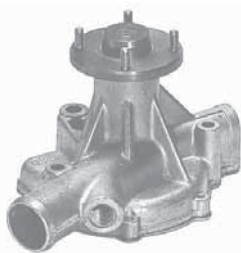
**WPN-7111**



**WPN-7113**



**WPN-7180**



**WPN-902**



**WPN-904**



**WPN-907**



**WPN-909**



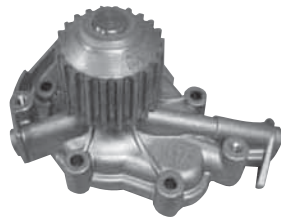
**WPN-910**



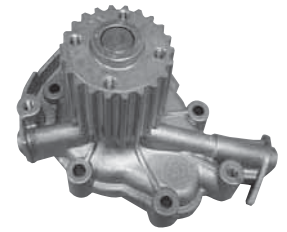
**WPN-912**



**WPN-913**



**WPO-001**



**WPO-002**



**WPO-006**



**WPO-009**



**WPO-010**



**WPS-001**



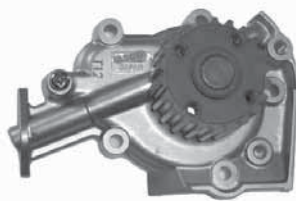
**WPS-002**



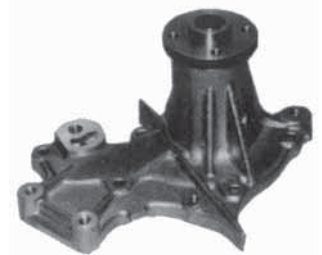
**WPS-003**



**WPS-004**



**WPS-005**



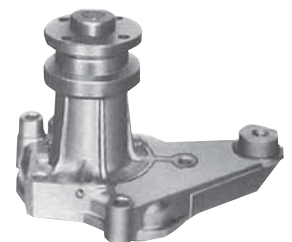
**WPS-006**



**WPS-007**



**WPS-008**



**WPS-009**



**WPS-901**



**WPS-902**



**WPS-904**



**WPS-907**



**WPS-908**



**WPS-909**



**WPT-001A**



**WPT-002**



**WPT-003**



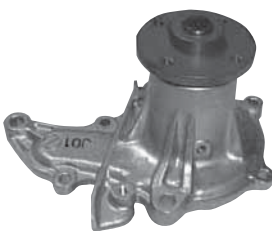
**WPT-004**



**WPT-006**



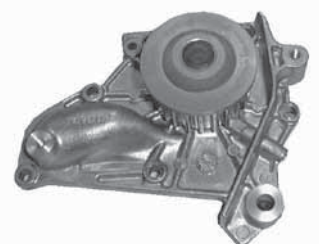
**WPT-007**



**WPT-008**



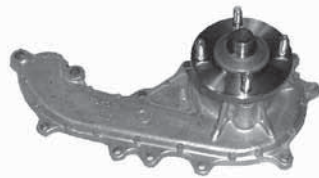
**WPT-009**



**WPT-010**



**WPT-011**



**WPT-012**



**WPT-013**



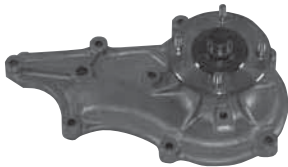
**WPT-014**



**WPT-015**



**WPT-016**



**WPT-017**



**WPT-018**



**WPT-019**



**WPT-020**



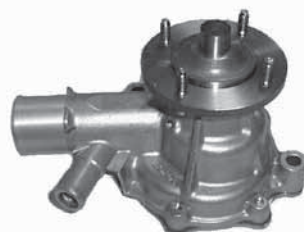
**WPT-021**



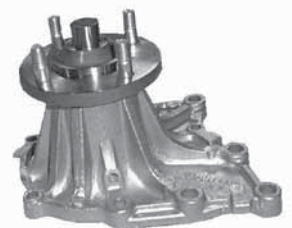
**WPT-022**



**WPT-023**

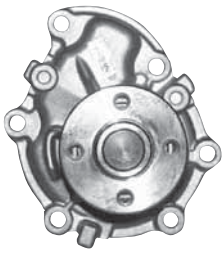


**WPT-024**



**WPT-025**

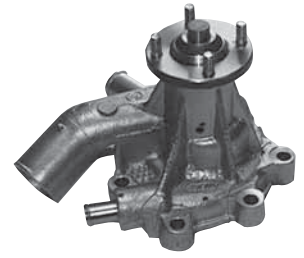




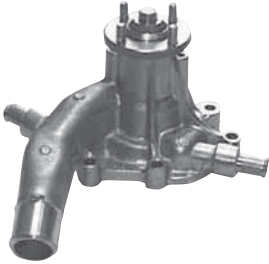
**WPT-026**



**WPT-027**



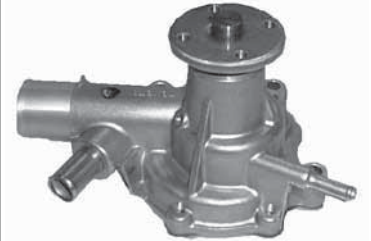
**WPT-028**



**WPT-029**



**WPT-030**



**WPT-031**



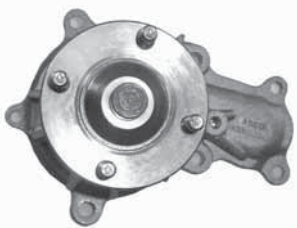
**WPT-032**



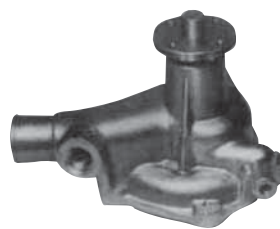
**WPT-033**



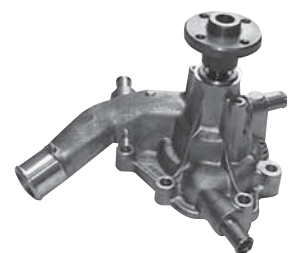
**WPT-034**



**WPT-035**



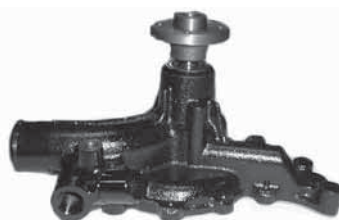
**WPT-036**



**WPT-037**



**WPT-038**



**WPT-039**



**WPT-042**

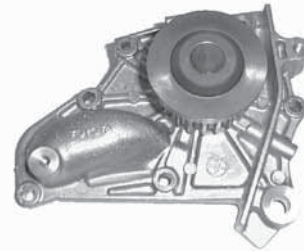




**WPT-058**



**WPT-059**



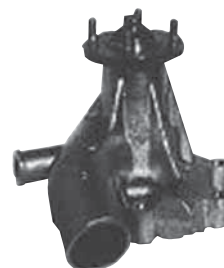
**WPT-060**



**WPT-061**



**WPT-062**



**WPT-063**



**WPT-064**



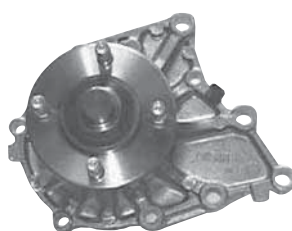
**WPT-065**



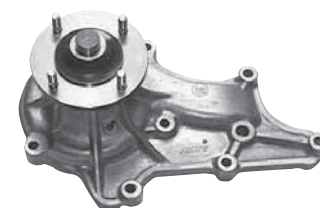
**WPT-066**



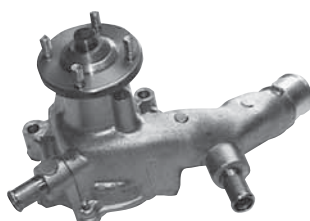
**WPT-067**



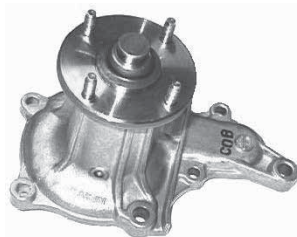
**WPT-068**



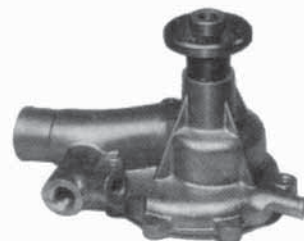
**WPT-070**



**WPT-071**



**WPT-072**



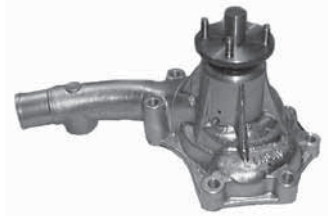
**WPT-073**



**WPT-074**



**WPT-075**



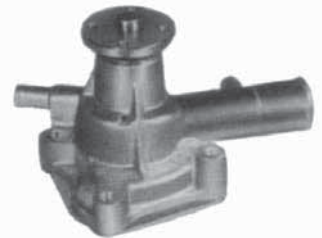
**WPT-076**



**WPT-077**



**WPT-078**



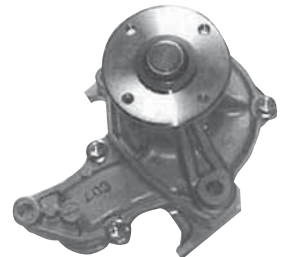
**WPT-079**



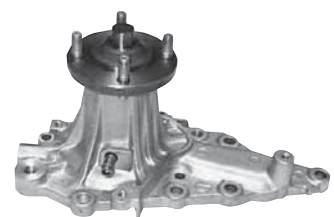
**WPT-080**



**WPT-081**



**WPT-082**



**WPT-083**



**WPT-084**



**WPT-085**



**WPT-086**



**WPT-087**



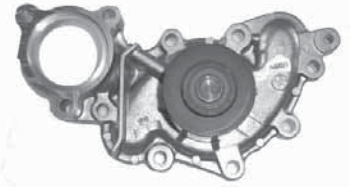
**WPT-090**



**WPT-096**



**WPT-097**



**WPT-099**



**WPT-100**



**WPT-103A**



**WPT-106**



**WPT-107**



**WPT-108**



**WPT-109**



**WPT-110**



**WPT-111**



**WPT-112**



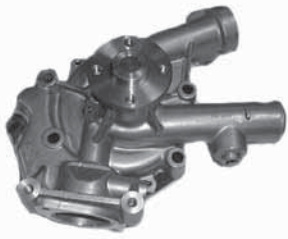
**WPT-113**



**WPT-115**



**WPT-117**



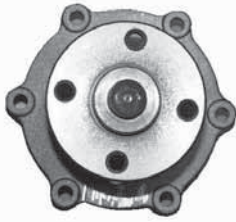
**WPT-501**



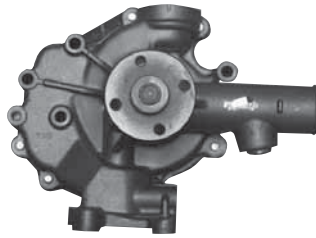
**WPT-502A**



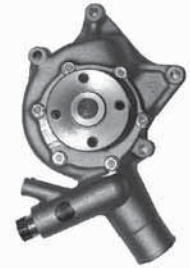
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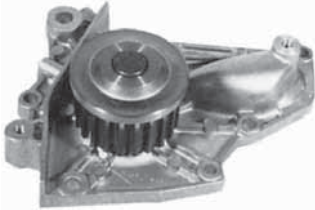
**WPT-505**



**WPT-506**



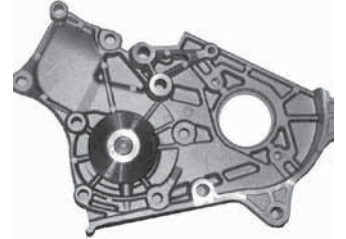
**WPT-507**



**WPT-901**



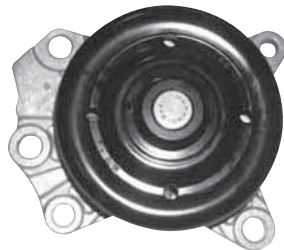
**WPT-902**



**WPT-904**



**WPT-908**



**WPT-912A**



**WPT-913**



**WPT-914**



**WPT-916**



**WPT-917**



**WPT-918**



**WPT-919**



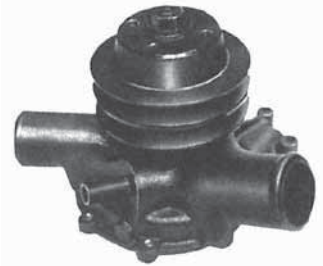
**WPV-901**



**WPV-902**



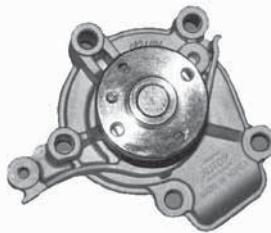
**WPV-903**



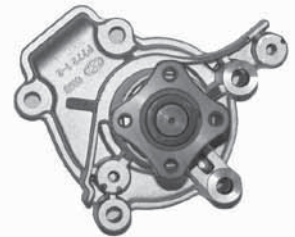
**WPW-900**



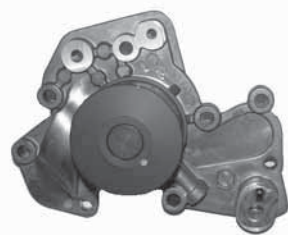
**WPW-901**



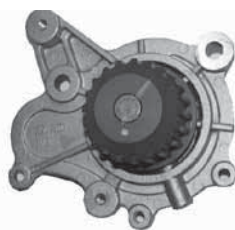
**WPY-003**



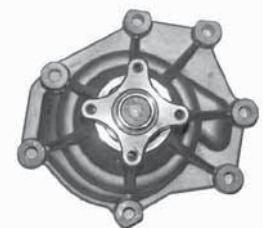
**WPY-005**



**WPY-006**



**WPY-007**



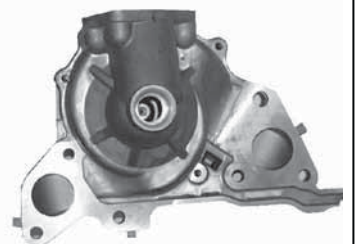
**WPY-008**



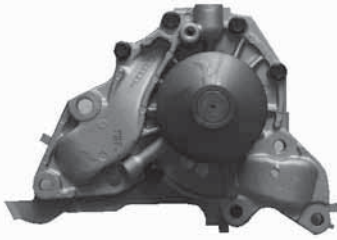
**WPY-010**



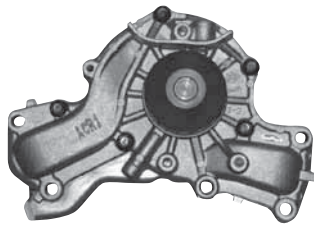
**WPY-011**



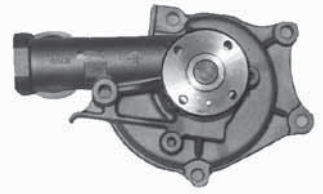
**WPY-015**



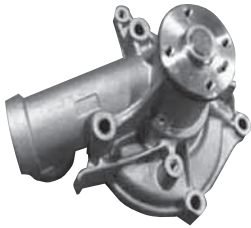
**WPY-016**



**WPY-017**



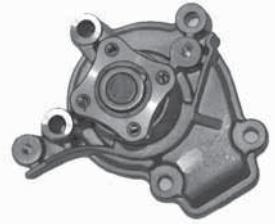
**WPY-018**



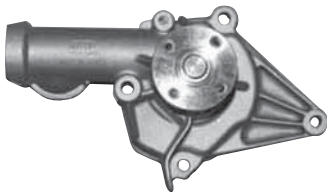
**WPY-019**



**WPY-020**



**WPY-021**



**WPY-022**



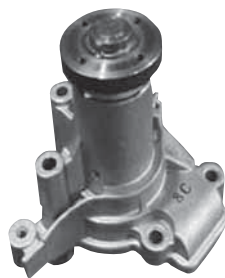
**WPY-024**



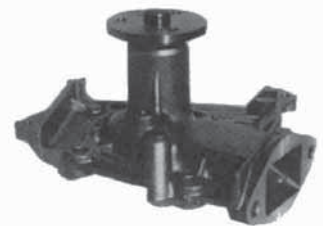
**WPY-025**



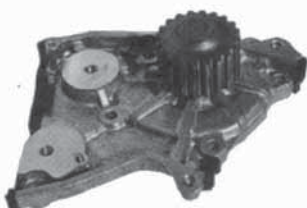
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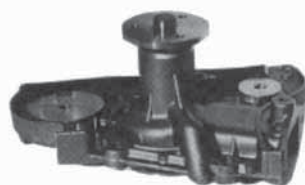
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**WPZ-001**



**WPZ-002**



**WPZ-003**



**WPZ-004**





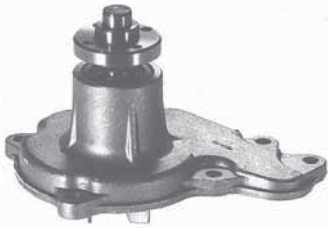
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**WPZ-006**



**WPZ-007**



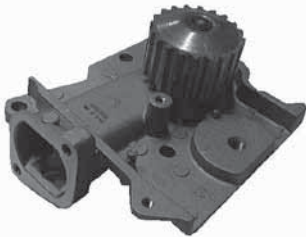
**WPZ-009**



**WPZ-010**



**WPZ-011**



**WPZ-012**



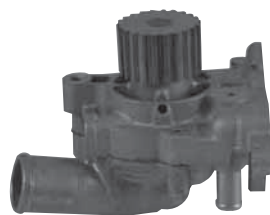
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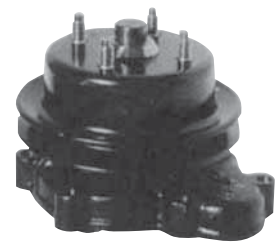
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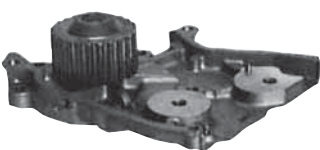
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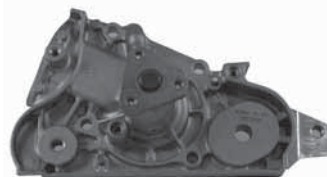
**WPZ-017**



**WPZ-018**



**WPZ-901**



**WPZ-902**



**WPZ-903**



**WPZ-904**



**WPZ-905**



**WPZ-906**



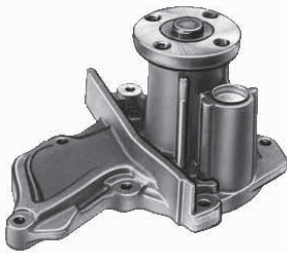
**WPZ-909**



**WPZ-910**



**WPZ-911**



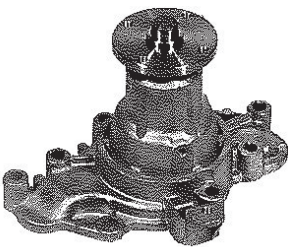
**WPZ-912**



**WPZ-913**



**WPZ-921**



**WPZ-922**



**WPZ-923**



**WPZ-924**



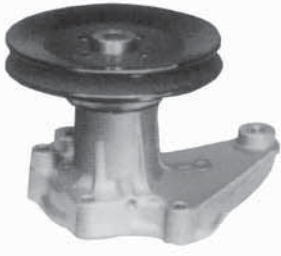
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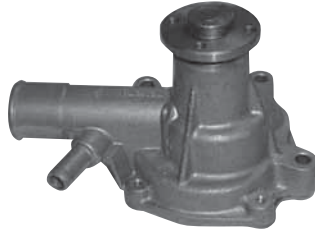
**WPZ-926**



**WPZ-929**



**WS-002**



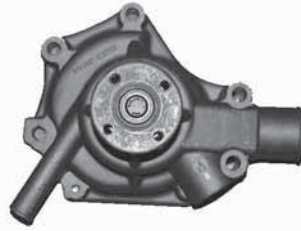
**WT-020**



**WT-021**



**WT-025**



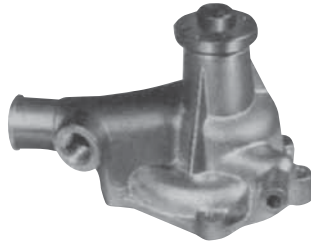
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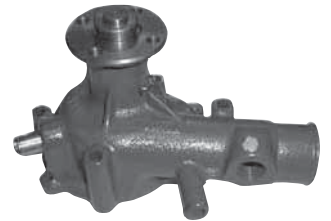
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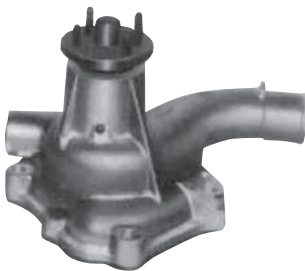
**WT-037**



**WT-050**



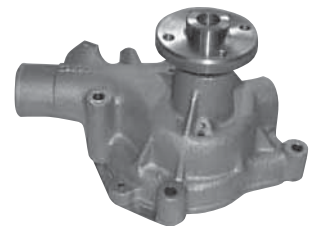
**WT-052**



**WT-066**



**WT-090**



**WT-128**



**WT-135**



**WT-149**



**WT-506**



**WT-520**



**WT-619**



**WV-001D**



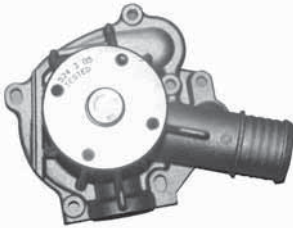
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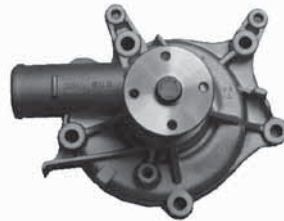
**WV-003B**



**WV-005**



**WV-007**



**WY-001**



**WY-003**



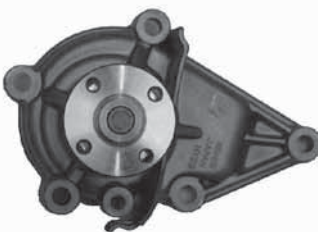
**WY-004**



**WY-005**



**WY-006**



**WY-007**



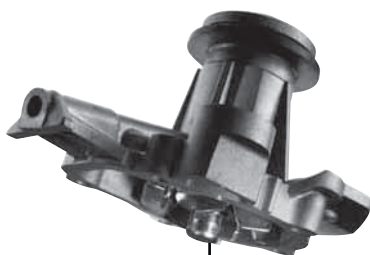
**WZ-003**



**WZ-004**



# CROSS REFERENCE LIST



143 OE N<sup>R</sup> TO AISIN N<sup>R</sup>

OLD AISIN N<sup>R</sup> TO NEW AISIN N<sup>R</sup> 164

165 AIRTEX N<sup>R</sup> TO AISIN N<sup>R</sup>

GMB N<sup>R</sup> TO AISIN N<sup>R</sup> 168

172 GP N<sup>R</sup> TO AISIN N<sup>R</sup>

GRAF N<sup>R</sup> TO AISIN N<sup>R</sup> 175

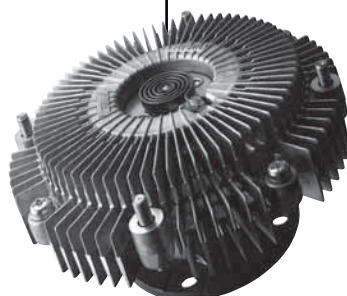
177 HEPU N<sup>R</sup> TO AISIN N<sup>R</sup>

NPW N<sup>R</sup> TO AISIN N<sup>R</sup> 179

182 PARAUT N<sup>R</sup> TO AISIN N<sup>R</sup>

SALERI N<sup>R</sup> TO AISIN N<sup>R</sup> 185

188 SKF N<sup>R</sup> TO AISIN N<sup>R</sup>



# CROSS REFERENCE LIST

## OE N<sup>R</sup> TO AISIN N<sup>R</sup>

\* New Product

OE N <sup>R</sup>	AISIN N <sup>R</sup>	OE N <sup>R</sup>	AISIN N <sup>R</sup>	OE N <sup>R</sup>	AISIN N <sup>R</sup>
0222-15-010	WZ-005	0K710-15-010A	WPZ-014	1201.E4	WE-CI01
0222-15-010C	WZ-005	0K88R-15100	WPY-030*	1201.G0	WPPG-003V*
0222-15-010D	WZ-005	0K88R-15-100	WPY-030*	1201.H0	WPT-912A*
0305-15-010	WZ-005	0K930-15-010A	WPZ-001	1201.J0	WPT-912A*
0305-15-010C	WZ-005	0K937-15-010	WPZ-003	12010000	WE-CI01
0305-15-010D	WZ-005	0K95B-15-100B	WPK-015*	1201000000	WE-CI01
0305-15-010E	WZ-005	0K9BV-15-010	WPK-002	120158	WE-CI01
0305-99-151	WZ-005	1007714	WPZ-912	12015800	WE-CI01
0315-15-010	WZ-005	102.200.0620	WO-009	120167	WPT-902
0315-15-010D	WZ-005	1020538	WPZ-912	1201A4	WPT-902
0324-15-010	WZ-004	1020567	WPZ-911	1201C4	WPS-910*
0324-15-010A	WZ-004	1020988	WPZ-913	1201E8	WPV-903*
0324-15-010B	WZ-004	1022000520	WO-009	1201F9	WPT-917*
0324-15-010C	WZ-004	1022000920	WO-009	1201G1	WPZ-930*
0324-15-010D	WZ-004	1022003901	WO-009	1201G8	WPT-917*
0324-15-010E	WZ-004	1022004901	WO-009	1201G9	WPZ-930*
0324-15-131	WZ-004	1022005001	WO-009	1201H0	WPT-912A*
0324-15-140A	WZ-004	1023645	WPZ-913	1201J0	WPT-912A*
0324-99-151	WZ-004	1032940	WPA-002	1207.18	WPPG-001V*
0324-99-151A	WZ-004	104.200.1301	WO-008	1207.23	WPPG-001V*
0381-15-010	WPZ-007	104.200.27.01	WO-008	1207.25	WE-CI01
0381-15-010A	WPZ-007	104.200.30.01	WO-008	12100-04210-0	WPN-2870
0381-15-010B	WPZ-007	104.200.32.01	WO-008	12102-34210-0	WPN-2800
0381-15-010C	WPZ-007	104.200.33.01	WPO-006*	12112-04474-0	FW-1820
0381-99-151	WPZ-007	104.200.46.01	WO-008	12125-24200-0	WPN-3840
0381-99-151A	WPZ-007	104.200.48.01	WO-008	12125-24474-0	FW-1810
04916-80020-71	WT-619	1042002801	WPO-006*	12142-24474-0	FW-1870
06A 121 011 E	WE-VW01	1042003301	WPO-006*	12145-04474-0	FW-1860
06A 121 011 EV	WE-VW01	1042004401	WPO-006*	12152-04474-0	FW-2830
06A 121 011 EX	WE-VW01	1042004501	WPO-006*	12157-94474-0	FW-2840
06A 121 011 F	WE-VW01	1042004701	WPO-006*	1-21650-193-1	FCG-011*
06A 121 011 G	WE-VW01	1042004901	WPO-006*	1-21650-212-1	FCG-010*
06A 121 011 L	WE-VW01	111.200.04.01	WPO-010*	12185-04474-0	FW-1880
06A 121 011 LV	WE-VW01	111.200.40.01	WPO-010*	12187-24474-0	FW-2820
06A 121 011 LX	WE-VW01	1132607	WPZ-912	12195-04474-1	FNY-001*
0750-15-010C	WPZ-928*	1-13610-016-0	WPW-900	12195-24474-1	FW-2890
08921-04950	FCT-064*	1-13610-016-1	WPW-900	12197-04474-0	FW-2880
0FE1H-15-010G	WPZ-012	1-13610-016-2	WPW-900	1232499	WPV-903*
0FE1H-15-010H	WPZ-012	1-13610-020-0	WPW-901	12350-04474-0	FW-2810
0FE3N-15-010D	WPZ-014	1-13610-020-1	WPW-901	12360-04474-0	FW-2870
0FE3N-15-010E	WPZ-014	1-13610-020-2	WPW-901	1236220	WV-002
0FE3N-15-010F	WPZ-014	1-13610-803-0	WPW-900	12395558	WO-002
0K04R-15-010	WK-003	1-13610-803-2	WPW-900	12397649	WO-002
0K247-15-010	WPK-005	1-13610-877-0	WPG-908*	12400-14200-0	WPN-3870
0K247-15-010A	WPK-005	1-13660-140-0	FNG-006*	12419-04474	FW-1350
0K247-15-010B	WPK-005	1-13660-148-0	FNG-004*	12495-04474-0	FW-1800
0K247-15-010C	WPK-005	1-13660-156-0	FNG-007*	1266574	FCV-005*
0K24A-15-010	WK-001	1142005	WPZ-926	1274310	FCV-004*
0K30C-15-010A	WPK-003	1147585	WPT-917*	1274311	FCV-003*
0K30E-15-010	WPK-004	1151-7-790-871	WPT-157*	1274963	VE-004
0K551-15-010A	WPK-001	11901-74474-0	FW-2850	12932-74210-0	WPN-3880
0K551-15-100A	WPK-001	11965-34474	FW-2835	12935-04474-0	FW-1840
0K551-15-100B	WPK-001	1201.50	WPPG-002V*	12935-44474-0	FW-2800
0K65A-15-100A	WK-002	1201.52	WPT-902	12990-04470-0	FW-1830
0K65B-15-100A	WPK-011*	1201.61	WPPG-002V*	1300A012	WPM-035
0K65C-15-100	WPK-011*	1201.65	WPT-902	1306259	FCV-001*
0K65C-15-100A	WPK-011*	1201.91	WPT-902	1313842	WPZ-930*
0K65C-15-100B	WPK-011*	1201.A8	WPT-902	1317465	FNV-001*
0K710-15-010	WPZ-014	1201.E3	WPPG-001V*	1326342	WV-007

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1328622	VE-006	16100-0Q030	WPT-912A*	16100-19305	WPT-033
1328835	FCV-006*	16100-0Q031	WPT-912A*	16100-19325	WPT-141*
1334008	WO-003	16100-10940-71	WPT-505	16100-19625	WPT-033
1334016	WE-OP03*	16100-10941-71	WPT-507	16100-22010	WT-020
1334031	WPG-018	16100-15090	WPT-108	16100-23030	WPD-036*
1334050	WO-011	16100-16090	WPT-078	16100-25010	WPT-085
1334052	WPG-018	16100-16106	WPT-022	16100-25011	WPT-085
1334067	WE-OP07*	16100-18010	WPT-049	16100-25012	WPT-085
1334075	WE-OP07*	16100-19015	WPT-031	16100-25020	WPT-085
1334083	WE-OP07*	16100-19016	WPT-031	16100-26020	WPT-049
1334096	WE-FO02*	16100-19017	WPT-031	16100-26021	WPT-049
1334098	WO-004	16100-19025	WPT-066	16100-26022	WPT-049
1334104	WE-OP06*	16100-19026	WPT-066	16100-2740-91	WPM-036
1334105	WPG-018	16100-19027	WPT-066	16100-28010	WPT-049
1334114	WE-OP05*	16100-19028	WPT-066	16100-28020	WPT-049
1334115	WE-OP02	16100-19029	WPT-066	16100-28030	WT-135
1334121	WE-OP04*	16100-19035	WPT-072	16100-28040	WPT-129*
1334123	WPA-002	16100-19036	WPT-072	16100-28041	WPT-129*
1334147	WE-OP08*	16100-19037	WPT-072	16100-29015	WT-020
1352000001	WE-SM01A	16100-19045	WPT-024	16100-29016	WT-020
1357433	FCV-002*	16100-19046	WPT-024	16100-29017	WT-020
14501-6882	WPW-001*	16100-19047	WPT-008	16100-29018	WT-020
14501-6890	WPW-001*	16100-19055	WPT-021	16100-29025	WT-021
14501-6901	WPW-001*	16100-19056	WPT-021	16100-29026	WT-021
14501-7721	WPW-001*	16100-19065	WPT-916*	16100-29035	WT-023
14530-6100	FW-6965	16100-19066	WPT-916*	16100-29045	WPT-079
14530-6130	FW-6951	16100-19067	WPT-916*	16100-29046	WPT-079
14530-6150	FW-6953	16100-19075	WPT-026	16100-29047	WPT-079
14530-6180	FW-6930	16100-19076	WPT-026	16100-29048	WPT-079
14530-6220	FW-9190	16100-19077	WPT-026	16100-29055	WT-021
14530-6230	FW-6970	16100-19085	WPT-066	16100-29056	WT-021
14530-6270	FW-6952	16100-19086	WPT-003	16100-29085	WPT-057
14530-6320	FW-6990	16100-19095	WPT-052	16100-29095	WPT-106
14530-6380	FW-6960	16100-19105	WPT-022	16100-29115	WPT-117
14530-6570	FW-6905	16100-19106	WPT-022	16100-29116	WPT-117
14530-6580	FW-1320	16100-19107	WPT-006	16100-29125	WPD-036*
14530-6590	FW-6915	16100-19115	WPT-055	16100-29135	WPT-120
14530-6680	FW-6975	16100-19125	WPT-107	16100-29145	WPT-913
14530-6770	FW-6985	16100-19126	WPT-107	16100-29155	WPT-111
1456-15-010	WPZ-011	16100-19135	WPT-107	16100-29175	WPT-106
16100-09010	WPT-008	16100-19155	WPT-024	16100-29185	WPT-118
16100-09020	WPT-055	16100-19156	WPT-024	16100-29195	WPT-111
16100-09040	WPT-010	16100-19165	WPT-021	16100-29206	WPT-111
16100-09050	WPT-919*	16100-19166	WPT-021	16100-29415	WPT-106
16100-09060	WPT-033	16100-19175	WPT-021	16100-29495	WPT-145*
16100-09070	WPT-057	16100-19195	WPT-107	16100-31010	WT-028
16100-09080	WPT-106	16100-19205	WPT-046	16100-31011	WT-028
16100-09130	WPT-106	16100-19215	WPT-024	16100-34140	WT-133
16100-09141	WPD-036*	16100-19216	WPT-024	16100-39015	WT-025
16100-09240	WPT-912A*	16100-19225	WPT-011	16100-39018	WT-025
16100-09310	WPT-106	16100-19226	WPT-011	16100-39035	WT-028
16100-09340	WPT-914*	16100-19235	WPT-015	16100-39036	WT-028
16100-09450	WPT-912A*	16100-19245	WPT-050	16100-39075	WPT-097
16100-09530	WPT-912A*	16100-19255	WPT-108	16100-39076	WPT-097
16100-0D020	WPT-909	16100-19265	WPT-033	16100-39115	WT-029
16100-0D021	WPT-106	16100-19276	WPT-122*	16100-39116	WPT-077
16100-0J010	WPD-036*	16100-19285	WPT-082	16100-39135	WPT-084
16100-0J011	WPD-036*	16100-19295	WPT-108	16100-39136	WPT-084
16100-0Q010	WPT-912A*	16100-19296	WPT-108	16100-39165	WT-032



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16100-39175	WT-033	16100-49406	WPT-084	16100-49836	WPT-110
16100-39176	WT-034	16100-49415	WPT-036	16100-49837	WPT-110
16100-39205	WT-027	16100-49416	WPT-036	16100-49845	WPT-038
16100-39215	WT-037	16100-49435	WPT-084	16100-49846	WPT-038
16100-39216	WT-037	16100-49436	WPT-084	16100-49855	WPT-083
16100-39226	WT-038	16100-49445	WT-059	16100-49856	WPT-083
16100-39227	WT-038	16100-49448	WT-060	16100-49868	WPT-121*
16100-39228	WT-038	16100-49450	WPT-912A*	16100-49876	WPT-116
16100-39235	WPT-069	16100-49455	WT-061	16100-49895	WPT-912A*
16100-39236	WPT-069	16100-49465	WPT-084	16100-50010	WPT-027
16100-39237	WPT-069	16100-49475	WPT-084	16100-50012	WPT-027
16100-39245	WT-041	16100-49485	WPT-084	16100-50013	WPT-027
16100-39246	WT-041	16100-49486	WPT-084	16100-50014	WPT-027
16100-39285	WPT-076	16100-49487	WPT-084	16100-50020	WPT-027
16100-39295	WT-043	16100-49495	WPT-084	16100-50021	WPT-027
16100-39305	WT-149	16100-49496	WPT-084	16100-50022	WPT-027
16100-39315	WPT-017	16100-49497	WPT-084	16100-50023	WPT-027
16100-39316	WPT-017	16100-49505	WPT-084	16100-50030	WPT-027
16100-39317	WPT-017	16100-49506	WPT-084	16100-55010	WPT-034
16100-39335	WPT-070	16100-49515	WPT-084	16100-55011	WPT-034
16100-39336	WPT-070	16100-49526	WT-615	16100-55020	WPT-034
16100-39345	WPT-007	16100-49556	WT-066	16100-57137	WT-076
16100-39346	WPT-007	16100-49557	WT-066	16100-59015	WPT-073
16100-39355	WPT-062	16100-49558	WT-066	16100-59016	WPT-073
16100-39356	WPT-062	16100-49566	WT-105	16100-59017	WPT-073
16100-39395	WPT-157*	16100-49567	WT-105	16100-59026	WT-078
16100-39405	WPT-136*	16100-49575	WT-067	16100-59035	WT-506
16100-39406	WPT-136*	16100-49576	WT-067	16100-59045	WPT-067
16100-39425	WPT-134*	16100-49577	WT-067	16100-59046	WPT-067
16100-39435	WPT-137*	16100-49585	WPT-065	16100-59047	WPT-067
16100-39455	WPT-142*	16100-49595	WPT-065	16100-59048	WPT-067
16100-39465	WPT-140*	16100-49615	WPT-065	16100-59049	WPT-067
16100-39466	WPT-140*	16100-49655	WPT-075	16100-59055	WPT-073
16100-39485	WPT-146*	16100-49656	WPT-075	16100-59065	WPT-019
16100-39535	WPT-170*	16100-49665	WPT-065	16100-59075	WPT-019
16100-39545	WPT-169*	16100-49666	WPT-065	16100-59076	WPT-019
16100-45080	WPT-084	16100-49675	WPT-065	16100-59085	WPT-058
16100-47022	WT-615	16100-49676	WPT-065	16100-59095	WPT-081
16100-47023	WT-615	16100-49685	WPT-075	16100-59096	WPT-081
16100-47416	WPT-036	16100-49695	WPT-065	16100-59105	WPT-074
16100-49015	WPT-084	16100-49696	WPT-065	16100-59125	WPT-067
16100-49016	WPT-084	16100-49705	WPT-065	16100-59126	WPT-067
16100-49055	WT-128	16100-49706	WPT-065	16100-59127	WPT-067
16100-49066	WPT-084	16100-49725	WPT-065	16100-59128	WPT-067
16100-49105	WPT-084	16100-49726	WPT-065	16100-59129	WPT-067
16100-49107	WT-047	16100-49745	WT-073	16100-59135	WPT-013
16100-49138	WT-048	16100-49755	WPT-025	16100-59136	WPT-013
16100-49148	WPT-124*	16100-49756	WPT-025	16100-59137	WPT-013
16100-49155	WT-050	16100-49775	WPT-068	16100-59138	WPT-013
16100-49156	WT-050	16100-49776	WPT-068	16100-59139	WPT-013
16100-49165	WT-050	16100-49785	WT-146	16100-59145	WPT-054
16100-49166	WT-050	16100-49786	WT-146	16100-59155	WPT-001A*
16100-49175	WT-051	16100-49787	WPT-084	16100-59165	WPT-047
16100-49208	WT-052	16100-49805	WPT-025	16100-59166	WPT-047
16100-49295	WT-053	16100-49815	WPT-110	16100-59175	WPT-039
16100-49345	WT-054	16100-49816	WPT-110	16100-59176	WPT-039
16100-49365	WPT-084	16100-49825	WPT-038	16100-59185	WPT-080
16100-49395	WPT-084	16100-49826	WPT-038	16100-59186	WPT-080
16100-49405	WPT-084	16100-49835	WPT-110	16100-59187	WPT-080

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16100-59205	WPT-067	16100-69146	WPT-071	16100-78001-71	WT-023
16100-59208	WPT-067	16100-69155	WPT-029	16100-78003	WPT-148*
16100-59215	WPT-067	16100-69156	WPT-029	16100-78003-71	WPT-148*
16100-59235	WPT-034	16100-69165	WT-103	16100-78005	WPT-149*
16100-59245	WPT-047	16100-69167	WT-103	16100-78005-71	WPT-149*
16100-59255	WPT-001A*	16100-69195	WPT-029	16100-78010	WT-112
16100-59256	WPT-001A*	16100-69196	WPT-029	16100-78101-71	WPT-508*
16100-59257	WPT-001A*	16100-6920	WPW-001*	16100-78151-71	WPT-504
16100-59265	WPT-039	16100-69205	WPT-002	16100-78154-71	WPT-504
16100-59275	WPT-125*	16100-69206	WPT-002	16100-78156-71	WPT-511*
16100-59295	WPT-171*	16100-69215	WPT-098	16100-78200-71	WPT-502
16100-59365	WPT-143*	16100-69225	WPT-030	16100-78202-71	WPT-506
16100-59395	WT-088	16100-69235	WPT-061	16100-78203-71	WPT-510*
16100-60012	WT-089	16100-69245	WPT-037	16100-78285	WPT-112
16100-60013	WT-089	16100-69255	WPT-150*	16100-78300-71	WPT-501
16100-60080	WT-090	16100-69275	WPT-004	16100-78701-71	WPT-508*
16100-60130	WT-091	16100-69285	WPT-907	16100-79015	WPT-035
16100-61010	WT-092	16100-69295	WPT-004	16100-79025	WPT-045
16100-61011	WT-092	16100-69296	WPT-004	16100-79026	WPT-010
16100-61012	WT-092	16100-69298	WPT-904	16100-79035	WPT-016
16100-61013	WT-092	16100-69305	WPT-002	16100-79036	WPT-016
16100-61020	WT-092	16100-69315	WPT-123*	16100-79037	WPT-016
16100-61030	WT-092	16100-69325	WPT-023	16100-79045	WPT-060
16100-61040	WPT-020	16100-69335	WPT-002	16100-79055	WT-117
16100-61041	WPT-020	16100-69345	WPT-032	16100-79065	WPT-053
16100-61071	WPT-063	16100-69355	WPT-109	16100-79075	WPTK-010*
16100-61081	WT-095	16100-69356	WPT-109	16100-79095	WPT-060
16100-61120	WPT-063	16100-69365	WPT-115	16100-79105	WPT-056
16100-61130	WPT-063	16100-69375	WPT-059	16100-79115	WPT-009
16100-61150	WT-143	16100-69376	WPT-059	16100-79116	WPT-009
16100-6120	WPG-015	16100-69377	WPT-059	16100-79117	WPT-009
16100-64H00	WPT-004	16100-69385	WPT-099	16100-79125	WPT-056
16100-64H01	WPT-096	16100-69395	WPT-100	16100-79126	WPT-056
16100-64H02	WPT-004	16100-69405	WPT-048	16100-79135	WPT-105
16100-64H03	WPT-004	16100-69407	WPT-048	16100-79145	WPT-043
16100-64H04	WPT-004	16100-69408	WPT-048	16100-79146	WPT-043
16100-64H05	WPT-096	16100-69415	WPT-131*	16100-79155	WPT-012
16100-64H06	WPT-004	16100-69425	WPT-004	16100-79165	WPT-014
16100-64H07	WPT-004	16100-69435	WPT-126*	16100-79175	WPT-056
16100-69015	WT-098	16100-69455	WPT-002	16100-79185	WPTK-010*
16100-69028	WT-099	16100-69475	WPT-030	16100-79225	WPT-127*
16100-69035	WPT-051	16100-69485	WPT-032	16100-79235	WPT-901
16100-69036	WPT-051	16100-69505	WPT-163V*	16100-79245	WPT-044
16100-69037	WPT-051	16100-7113	WPT-504	16100-79255	WPT-044
16100-69039	WPT-051	16100-76001-71	WT-023	16100-79265	WPT-042
16100-69045	WPT-918*	16100-76002-7	WT-050	16100-79275	WPT-016
16100-69047	WPT-918*	16100-76002-71	WT-050	16100-79285	WPT-112
16100-69055	WT-103	16100-76005-71	WT-052	16100-79445	WPT-044
16100-69057	WT-103	16100-76006-71	WPT-036	16100-79455	WPT-042
16100-69065	WT-620	16100-76007-71	WPT-921*	16100-80001	WPT-912A*
16100-69067	WT-620	16100-76011-71	WPT-921*	16100-80003	WPT-912A*
16100-69075	WPT-097	16100-76013	WT-109	16100-80005	WPT-164*
16100-69076	WPT-097	16100-76014	WT-109	16100-80007	WPT-912A*
16100-69085	WPT-004	16100-76036	WPT-016	16100-80008	WPT-168*
16100-69095	WT-108	16100-77030	WPT-921*	16100-87108	WPD-905
16100-69105	WPT-061	16100-77050	WPT-921*	16100-87109	WPD-021
16100-69106	WPT-061	16100-77051	WPT-921*	16100-87182	WD-002
16100-69115	WPT-037	16100-77060	WPT-161*	16100-87183	WPD-021
16100-69145	WPT-071	16100-77070	WT-111	16100-87184	WD-002

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16100-87185	WPD-021	16100-87589	WPD-004	16103-49105	WPT-084
16100-87228	WPD-023	16100-87590	WPD-003	16110-09010	WPT-010
16100-87231	WPD-023	16100-87591	WPD-004	16110-09020	WPT-003
16100-87244	WPD-001	16100-87592	WPD-008	16110-09021	WPT-003
16100-87245	WPD-023	16100-87701	WPD-015	16110-09030	WPT-078
16100-87247	WPD-022	16100-87705	WPD-015	16110-15010	WPT-066
16100-87248	WPD-001	16100-87706	WPD-015	16110-15020	WT-520
16100-87249	WPD-023	16100-87707	WPD-014	16110-15045	WPT-008
16100-87250	WPD-022	16100-87726	WPD-009	16110-15046	WPT-008
16100-87251	WPD-035*	16100-87730	WPD-007	16110-15047	WPT-008
16100-87251-000	WPD-035*	16100-87731	WPD-013	16110-15050	WPT-008
16100-87252	WPD-002	16100-87782	WPD-010	16110-15070	WPT-090
16100-87280	WPD-002	16100-87784	WPD-010	16110-15080	WPT-003
16100-87281	WPD-002	16100-87786	WPD-007	16110-15085	WPT-003
16100-87283	WPD-001	16100-87787	WPD-009	16110-16010	WPT-052
16100-87286	WPD-002	16100-87788	WPD-014	16110-16020	WPT-055
16100-87287	WPD-001	16100-87789	WPD-010	16110-19025	WPT-090
16100-87288	WPD-022	16100-87790	WPD-013	16110-19026	WPT-090
16100-87289	WPD-022	16100-87791	WPD-015	16110-19035	WPT-066
16100-87290	WPD-003	16100-87795	WPD-007	16110-19036	WPT-066
16100-87291	WPD-004	16100-87796	WPD-009	16110-19045	WPT-008
16100-87292	WPD-008	16100-87797	WPD-013	16110-19046	WPT-008
16100-87306	WD-001	16100-88220	WPT-086	16110-19047	WPT-008
16100-87307	WPD-902	16100-88221	WPT-086	16110-19055	WPT-107
16100-87307-000	WPD-902	16100-88260	WPT-087	16110-19065	WPT-107
16100-87308	WPD-902	16100-88280	WT-122	16110-19075	WPT-003
16100-87308-000	WPD-902	16100-96052	WPT-147*	16110-19076	WPT-003
16100-87309	WPD-902	16100-97205	WPD-023	16110-19077	WPT-003
16100-87309-000	WPD-902	16100-97206	WPD-026	16110-19085	WPT-003
16100-87380	WPD-902	16100-97207	WPD-024	16110-19086	WPT-003
16100-87380-000	WPD-902	16100-97212	WPD-026	16110-19095	WPT-107
16100-87381	WPD-903	16100-97213	WPD-023	16110-19105	WPT-107
16100-87381-000	WPD-903	16100-97214	WPD-030*	16110-19106	WPT-107
16100-87382	WPD-903	16100-97215	WPD-025	16110-19107	WPT-006
16100-87382-000	WPD-903	16100-97221	WPD-025	16110-19115	WT-520
16100-87383	WPD-903	16100-97227	WPD-023	16110-19125	WPT-050
16100-87384	WPD-901	16100-97232	WPD-030*	16110-19135	WPT-018
16100-87389	WPD-901	16100-97234	WPT-912A*	16110-19145	WPT-108
16100-87390	WPD-012	16100-97240	WPD-025	16110-19146	WPT-108
16100-87391	WPD-011	16100-97241	WPD-024	16110-19155	WPT-052
16100-87394	WPD-011	16100-97245	WPD-023	16110-19165	WPT-055
16100-87395	WPD-012	16100-97280	WPD-025	16110-19175	WPT-078
16100-87505	WPD-008	16100-97404	WPD-904	16110-19185	WPT-078
16100-87506	WPD-023	16100-97404-000	WPD-904	16110-19195	WPT-082
16100-87507	WPD-008	16100-97411	WPT-117	16110-19205	WPT-018
16100-87508	WPD-023	16100-97502	WPD-025	16110-26020	WPT-049
16100-87509	WPD-003	16100-B9010	WPT-117	16110-26021	WPT-049
16100-87510	WPD-004	16100-B9140	WPD-042V*	16110-26022	WPT-049
16100-87511	WPD-005	16100-B9440	WPT-167V*	16110-28010	WPT-049
16100-87512	WPD-006	16101-76030	WPT-014	16110-28020	WPT-049
16100-87580	WPD-005	16102-87201	WPD-023	16110-33010	WPT-049
16100-87581	WPD-006	16102-87207	WPD-023	16110-34100	WPT-069
16100-87582	WPD-005	16102-97201	WPD-030*	16110-34140	WPT-064
16100-87583	WPD-006	16102-97205	WPD-030*	16110-35096	WT-505
16100-87584	WPD-003	16103-40010	WPT-084	16110-38020	WT-510
16100-87585	WPD-004	16103-40011	WPT-084	16110-38021	WT-511
16100-87586	WPD-005	16103-40030	WT-126	16110-38022	WT-511
16100-87587	WPD-006	16103-40031	WT-126	16110-38030	WPT-017
16100-87588	WPD-003	16103-40A11	WPT-084	16110-38031	WPT-017

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16110-38035	WPT-017	16110-79115	WPT-056	16120-78601	WT-619
16110-39035	WPT-017	16110-79125	WPT-901	16120-96004-71	WT-619
16110-41100	WPT-084	16110-79135	WPT-901	16120-96005	WPN-7103
16110-41110	WPT-084	16110-82010	WPT-049	16120-96601	WT-619
16110-41130	WPT-084	16110-88260	WPT-087	16124-20010	GWT-601
16110-41131	WPT-084	1612003701	WPO-004*	16129-33031	GWT-125
16110-41170	WPT-084	16120-10940-71	WPT-505	16200-4150	FW-9136
16110-41240	WPT-065	16120-23010	WPT-103A	16200-5110	FW-9199
16110-41250	WPT-065	16120-31170	WT-602	16200-5115	FW-9255
16110-45090	WPT-084	16120-32080-71	WPN-9180	162060702401	WPT-908
16110-45100	WPT-065	16120-32082-71	WPN-7111	162060702402	WPT-908
16110-49015	WPT-084	16120-33010	WPT-084	16210-13010	FCT-045*
16110-49016	WPT-084	16120-34010	WPT-084	16210-13020	FCT-052*
16110-49025	WPT-084	16120-34090	WPT-084	16210-13030	FCT-031*
16110-49026	WPT-084	16120-34100	WPT-064	16210-16010	VT-834
16110-49035	WPT-084	16120-34110	WPT-084	16210-17010	FCT-034*
16110-49036	WPT-084	16120-34140	WPT-064	16210-17020	VT-926
16110-49045	WPT-065	16120-39010	WT-606	16210-17021	FCT-016*
16110-49055	WPT-065	16120-41040	WPT-084	16210-17030	FCT-040*
16110-49056	WPT-065	16120-41060	WPT-084	16210-17040	VT-891
16110-49065	WPT-065	16120-41110	WPT-084	16210-17050	FCT-039*
16110-49066	WPT-065	16120-41130	WPT-084	16210-17070	FCT-030*
16110-49075	WPT-017	16120-41131	WPT-084	16210-17080	FCT-074*
16110-49085	WPT-065	16120-41170	WPT-084	16210-18010	FCT-056*
16110-49086	WPT-065	16120-42010	WPT-084	16210-26020	VT-803
16110-49095	WPT-038	16120-42011	WPT-084	16210-28010	VT-804
16110-49096	WPT-038	16120-42012	WPT-084	16210-28020	FCT-048*
16110-49097	WPT-038	16120-45030	WPT-084	16210-30010	FCT-070*
16110-49105	WPT-038	16120-45080	WPT-084	16210-31010	FCT-019*
16110-49115	WPT-110	16120-45100	WPT-065	16210-31020	FCT-072*
16110-49116	WPT-110	16120-45110	WPT-065	16210-31030	VT-806
16110-49125	WPT-038	16120-47011	WT-615	16210-32030	VT-836
16110-49126	WPT-038	16120-47012	WT-615	16210-33010	VT-807
16110-49130	WPT-083	16120-47013	WT-615	16210-33011	VT-808
16110-49135	WPT-083	16120-47020	WT-615	16210-33030	VT-809
16110-49148	WPT-124*	16120-47021	WT-615	16210-34041	VT-810
16110-49155	WPT-920*	16120-47022	WT-615	16210-34090	VT-811
16110-49156	WPT-920*	16120-47023	WT-615	16210-34100	VT-812
16110-56020	WT-506	16120-49015	WPT-084	16210-34102	VT-812
16110-59105	WT-507	16120-49025	WPT-084	16210-34110	VT-837
16110-61071	WPT-063	16120-49036	WPT-084	16210-34130	VT-838
16110-61081	WPT-028	16120-49045	WPT-065	16210-34140	VT-813
16110-61120	WPT-063	16120-49046	WPT-065	16210-35011	FCT-068*
16110-61170	WPT-071	16120-49055	WPT-065	16210-35020	FCT-043*
16110-61180	WPT-029	16120-49065	WPT-084	16210-38050	FCT-001*
16110-63010	WPT-097	16120-49080	WPT-084	16210-38060	FCT-003*
16110-69035	WPT-097	16120-49436	WT-617	16210-41011	VT-841
16110-69036	WPT-097	16120-68010	WPT-051	16210-41032	VT-842
16110-69037	WPT-097	16120-69010	WPT-051	16210-41033	VT-843
16110-69045	WPT-113	16120-69015	WPT-051	16210-41042	VT-844
16110-78156-71	WPT-511*	16120-69025	WT-620	16210-41043	VT-853
16110-79015	WPT-060	16120-76001-71	WPT-103A	16210-41050	VT-816
16110-79025	WPT-010	16120-76002-71	WT-620	16210-41070	VT-817
16110-79026	WPT-010	16120-78004-71	WPN-7102	16210-41100	VT-933
16110-79035	WPT-056	16120-78005-71	WPN-7103	16210-4115	VT-818
16110-79045	WPT-010	16120-78120-71	WPN-7180	16210-41150	VT-933
16110-79065	WPT-053	16120-78121-71	WPN-7125	16210-41170	VT-819
16110-79095	WPT-060	16120-78151-71	WPN-7113	16210-41180	VT-845
16110-79105	WPT-056	16120-78201-71	WPN-7123	16210-42020	VT-846

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16210-42030	FCT-060*	16210-58041	FCT-055*	16250-E0060	FCR-001*
16210-42040	VT-848	16210-60120	VT-868	16250-E0070	FCR-009*
16210-42050	VT-892	16210-61020	VT-869	16250-E0090	FCR-013*
16210-42060	FCT-007*	16210-61070	VT-870	16250-E0150	FCR-010*
16210-42070	FCT-050*	16210-61072	VT-871	16250-E0160	FCR-006*
16210-43010	VT-849	16210-61120	VT-933	16250-E0210	FCR-012*
16210-43020	VT-850	16210-61121	FCT-017*	16306-1041A	FNR-006*
16210-43030	VT-851	16210-61130	VT-872	16306-1062A	FNR-009*
16210-43031	VT-851	16210-61150	FCT-015*	16306-1130	FNR-007*
16210-43032	FCT-032*	16210-61160	FCT-049*	16306-1183A	FNR-012*
16210-44020	VT-852	16210-62011	FCT-013*	16306-1341	FNR-020*
16210-45021	VT-854	16210-62030	FCT-067*	16306-1861	FNM-025*
16210-45090	VT-855	16210-63010	VT-873	16306-1933B	FNR-017*
16210-45100	FCT-044*	16210-64010	FCT-053*	16306-1942	FNR-018*
16210-45110	FCT-041*	16210-64020	FCT-047*	16306-1981A	FNR-019*
16210-46010	VT-922	16210-64030	FCT-077*	16306-2050	FNR-015*
16210-46030	FCT-023*	16210-65020	FCT-009*	16306-2060	FNR-021*
16210-46041	VT-895	16210-65030	FCT-038*	16306-2080A	FNR-022*
16210-46042	FCT-006*	16210-66010	VT-904	16306-2140	FNR-024*
16210-46051	VT-913	16210-66020	FCT-004*	16306-2160B	FNR-003*
16210-48030	VT-857	16210-66040	FCT-065*	16306-2220B	FNR-005*
16210-50020	VT-896	16210-67010	FCT-036*	16306-2280	FNR-001*
16210-50021	FCT-014*	16210-67030	FCT-010*	16306-2390	FNR-011*
16210-50040	FCT-066*	16210-67040	FCT-071*	16306-2410B	FNR-023*
16210-50051	FCT-021*	16210-68011	FCT-058*	16306-2420A	FNR-025*
16210-50061	FCT-076*	16210-68021	16210-68021	16306-2430A	FNR-029*
16210-50072	FCT-005*	16210-70020	VT-825	16306-2451	FNR-013*
16210-50080	FCT-024*	16210-70022	FCT-046*	16306-2480	FNG-011*
16210-50090	FCT-018*	16210-70030	VT-924	16306-2490	FNR-026*
16210-50101	FCT-075*	16210-70040	FCT-035*	16306-2500	FNR-016*
16210-52022	FCT-063*	16210-70060	VT-920	16306-2522	FNR-014*
16210-54020	VT-858	16210-70070	VT-906	16306-2600	FNR-002*
16210-54021	VT-859	16210-70080	VT-923	16306-2671A	FNR-008*
16210-54030	VT-822	16210-72010	FCT-054*	16311-31220-71	FNW-003*
16210-54040	FCT-059*	16210-73010	FCT-037*	16361-10012	FT-001
16210-54050	VT-860	16210-73040	VT-925	16361-12010	FT-002
16210-54060	VT-824	16210-75010	FCT-027*	16361-13050	FT-007
16210-54070	FCT-025*	16210-75020	FCT-042*	16361-1330	16361-1330
16210-54090	FCT-062*	16210-75030	VT-910	16361-1360	16361-1360
16210-54120	VT-862	16210-75050	FCT-026*	16361-17010	FNT-010*
16210-54130	FCT-051*	16210-75060	FCT-002*	16361-17030	FNT-015*
16210-54140	VT-888	16210-75110	FCT-073*	16361-17040	FNT-024*
16210-54141	FCT-028*	16210-75120	FCT-078*	16361-21740-71	FW-9115
16210-54150	FCT-011*	16210-76010	FCT-022*	16361-21750-71	FW-9110
16210-54170	16210-54200	16210-87101	FCD-001*	16361-22020-71	FNW-008*
16210-54180	FCT-012*	16210-87101-000	FCD-001*	16361-22040-71	FNW-005*
16210-54200	FCT-029*	16210-87103	FCD-003*	16361-23060-71	FNW-006*
16210-54210	FCT-020*	16210-87103-000	FCD-003*	16361-23860-71	FNW-002*
16210-54220	FCT-008*	16210-87106	FCD-002*	16361-31030	FW-31030
16210-54230	FCT-069*	16210-88230	VT-826	16361-31060	FNT-007*
16210-56020	FCD-004*	16210-88260	VT-804	16361-31620-71	FNW-004*
16210-56020-000	FCD-004*	16250-1021B	FCR-004*	16361-32080-71	FNW-007*
16210-56040	VT-864	16250-1160C	FCR-003*	16361-33900-71	FNW-009*
16210-56041	VT-864	16250-1231A	FCR-007*	16361-38010	FNT-003*
16210-56060	VT-880	16250-1311A	FCR-011*	16361-40120-71	FNW-010*
16210-56062	VT-865	16250-1381A	FCR-014*	16361-40880-71	FW-9130
16210-58012	FCT-057*	16250-1442A	FCR-002*	16361-41090	FNT-013*
16210-58021	VT-867	16250-1520A	FCR-008*	16361-4180	FW-9256
16210-58030	FCT-033*	16250-E0040	FCR-005*	16361-4185	F-4185

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16361-42500-71	FW-9145	17400-60810	WPS-006	17400-82840-H	WPS-007
16361-42800-71	FNW-011*	17400-60811	WPS-006	17400-82850	WPS-007
16361-44032	FNT-027*	17400-60812	WPS-006	17400-82851	WPS-007
16361-46040	FNT-008*	17400-60813	WPS-006	17400-83003	WPS-017*
16361-50020	FNT-028*	17400-60814	WPS-006	17400-83810	WPS-004
16361-50040	FNT-012*	17400-60815	WPS-006	17400-83811	WPS-004
16361-50080	FNT-016*	17400-60A02	WPS-006	17400-83812	WPS-004
16361-50110	FNT-014*	17400-60A04	WPS-006	17400-83814	WPS-004
16361-54020	FNT-019*	17400-61810	WPS-001	17400-83815	WPS-004
16361-54040	FNT-001*	17400-61820	WPS-033*	17400-83820	WPS-004
16361-54070	FNT-006*	17400-63200	WPS-008	17400-83820-H	WPS-004
16361-54111	FNT-021*	17400-69G00	WPS-907	17400-83840	WPS-016
16361-54131	FNT-020*	17400-69G01	WPS-907	17400-83841	WPS-016
16361-56040	FW-56040	17400-70830	WPS-001	17400-84823	WPS-032*
16361-60101	FNT-017*	17400-70B00	WPS-001	17400-85810	WPS-009
16361-61020	FNT-022*	17400-71811	WPS-005	17400-85820	WPS-009
16361-61050	FNT-018*	17400-72020	WPS-008	17400-85821	WPS-009
16361-6130	FW-9257	17400-72021	WPS-008	17400-85830	WPS-901
16361-62010	FNT-005*	17400-72801	WPS-008	17400-87820	WPS-007
16361-65010	FNT-011*	17400-72810	WPS-008	17400-A60D01	WO-012
16361-65020	FNT-029*	17400-72811	WPS-008	17400A70D03	WPO-002*
16361-66020	FNT-004*	17400-73001	WPS-002	17410-66G00	WPT-902
16361-6610	FW-6610	17400-73002	WPS-002	17410-85E00	WPS-908
16361-67020	FNT-009*	17400-73012	WPS-002	17431-82000	GWP-1340
16361-67030	FNT-023*	17400-73013	WPS-002	1757-15-010B	WPZ-009
16361-67040	FNT-026*	17400-73810	WPS-002	1757-15-010C	WPZ-009
16361-68040	FW-68040	17400-73811	WPS-002	1757-15-010E	WPZ-009
16361-70040	FNT-030*	17400-73812	WPS-002	1757-15-130	WPZ-009
16361-7101	FW-9258	17400-73820	WPS-002	1757-15-130B	WPZ-009
16361-75020	FNT-002*	17400-73831	WPS-904	1757-15-130D	WPZ-009
16361-76060	FNT-025*	17400-73832	WPS-904	1757-15-920B	WPZ-009
16361-78501-71	FNW-001*	17400-73870	WPS-002	1757-23-920	WPZ-009
16361-78502-71	FW-9125	17400-76810	WPS-021*	1757-23-920A	WPZ-009
16361-87502	FND-001*	17400-76820	WPS-022*	1757-23-920B	WPZ-009
16361-9193	F-9193	17400-76G70	WPS-035*	1757-23-920G	WPZ-009
16361-9310	FW-9310	17400-77810	WPS-902	1757-23-925B	WPZ-009
16361-97236-71	FW-6590	17400-78101	WPS-002	1757-23-925F	WPZ-009
16361-E0020	FNR-031*	17400-78300	WS-002	1757-99-153A	WPZ-009
16361-E0050	FNR-030*	17400-78810	WS-002	1907-15-010B	WPZ-009
17110-60A00	FNS-006*	17400-78811	WS-002	19110-634-305	WH-008
17110-60A10	FNS-007*	17400-78820	WPS-002	19110-634-315	WH-008
17110-77300	FNS-005*	17400-78821	WPS-002	19110-634-325	WH-008
17111-73000	FNS-003*	17400-78830	WS-002	19110-634-335	WH-008
17111-73010	FNS-008*	17400-78860	WPS-023*	19110-634-365	WH-008
17111-83000	FNS-004*	17400-78880	WPS-024*	19110-634-375	WH-008
17120-57B01	FCS-001*	17400-79J50	WPS-909*	19110-634-405	WH-008
17120-60A01	FCS-002*	17400-82632	WPS-018*	19110-657-000	WPH-029
17120-77E00	WPS-902	17400-82810	WPS-004	19110-657-010	WPH-029
17120-80C00	FCS-004*	17400-82811	WPS-004	19110-657-020	WPH-029
17120-81A00	FCS-003*	17400-82812	WPS-004	19110-657-030	WPH-029
174000A60D01	WPO-003*	17400-82820	WPS-007	19110-657-325	WPH-029
17400-50810	WPS-001	17400-82820-H	WPS-004	19110-657-332	WPH-029
17400-50811	WPS-001	17400-82821	WPS-007	19110-657-335	WPH-029
17400-50812	WPS-001	17400-82822	WPS-007	19110-657-375	WPH-029
17400-50813	WPS-001	17400-82823	WPS-007	19110-657-405	WPH-029
17400-51810	WPS-003	17400-82824	WPS-007	19110-671-010	WPH-028
17400-51811	WPS-003	17400-82824	WPS-007	19110-671-020	WPH-028
17400-51812	WPS-003	17400-82830	WPS-004	19110-671-020	WPH-028
17400-58013	WPS-001	17400-82830-H	WPS-004	19110-671-325	WPH-028
		17400-82840	WPS-007	19110-671-335	WPH-028

# CROSS REFERENCE LIST

## OE N<sup>R</sup> TO AISIN N<sup>R</sup>

\* New Product

OE N <sup>R</sup>	AISIN N <sup>R</sup>	OE N <sup>R</sup>	AISIN N <sup>R</sup>	OE N <sup>R</sup>	AISIN N <sup>R</sup>
19110-671-355	WPH-028	19200-P2J-005	WPH-046*	19200-PE0-660	WPH-010
19110-671-405	WPH-028	19200-P30-003	WPH-034	19200-PE0-661	WPH-010
19110-673-000	WPH-027	19200-P36-000	WPH-033	19200-PE8-405	WPH-021
19110-673-010	WPH-027	19200-P5A-004	WH-020	19200-PE8-600	WPH-021
19110-673-325	WPH-027	19200-P5G-004	WPH-040	19200-PE9-003	WPH-026
19110-673-335	WPH-027	19200-P5T-G00	WPH-902	19200-PE9-013	WPH-026
19110-673-405	WPH-027	19200-P72-003	WPH-015	19200-PE9-405	WPH-026
19110-689-325	WPH-025	19200-P72-013	WPH-015	19200-PG6-000	WPH-013
19110-689-335	WPH-025	19200-P72-A01	WPH-015	19200-PG6-405	WPH-013
19110-689-405	WPH-025	19200-P75-003	WPH-901	19200-PG6-600	WPH-013
19200-634-000	WH-008	19200-P7A-003	WPH-908	19200-PG8-000	WPH-013
19200-634-010	WH-008	19200-P8A-A02	WPH-800*	19200-PH1-000	WPH-003
19200-634-305	WH-008	19200-P8A-A03	WPH-800*	19200-PH1-010	WPH-003
19200-634-335	WH-008	19200-P8A-A030	WPH-800*	19200-PH1-020	WPH-003
19200-634-670	WH-008	19200-PA0-000	WPH-021	19200-PH1-305	WPH-003
19200-634-671	WH-008	19200-PA0-010	WPH-021	19200-PH1-505	WPH-003
19200-657-000	WPH-029	19200-PA0-700	WPH-021	19200-PH3-000	WPH-023
19200-657-010	WPH-029	19200-PA1-000	WPH-024	19200-PH3-003	WPH-023
19200-657-020	WPH-029	19200-PA1-010	WPH-024	19200-PH3-010	WPH-023
19200-657-030	WPH-029	19200-PA1-020	WPH-024	19200-PH3-505	WPH-023
19200-671-000	WPH-028	19200-PA1-030	WPH-024	19200-PH7-003	WPH-008
19200-671-010	WPH-911*	19200-PA1-405	WPH-024	19200-PH9-003	WPH-037
19200-671-020	WPH-911*	19200-PA5-000	WPH-021	19200-PH9-405	WPH-037
19200-671-335	WPH-911*	19200-PA5-010	WPH-021	19200-PJ7-J01	WPH-038
19200-673-000	WPH-026	19200-PA5-700	WPH-021	19200-PK2-000	WPH-016
19200-679-000	WPH-026	19200-PA6-000	WPH-017	19200-PK2-505	WPH-016
19200-679-003	WPH-026	19200-PA6-010	WPH-017	19200-PLC-003	WPH-051V*
19200-679-013	WPH-026	19200-PA6-020	WPH-017	19200-PLM-003	WPH-051V*
19200-679-023	WPH-026	19200-PA6-030	WPH-017	19200-PLM-A01	WPH-044
19200-679-033	WPH-026	19200-PB2-000	WPH-022	19200-PM3-000	WPH-002
19200-679-043	WPH-026	19200-PB2-010	WPH-022	19200-PM3-003	WPH-002
19200-679-053	WPH-026	19200-PB2-405	WPH-022	19200-PM3-004	WPH-002
19200-689-003	WPH-022	19200-PC0-000	WPH-021	19200-PM3-013	WPH-002
19200-689-010	WPH-022	19200-PC0-010	WPH-021	19200-PM3-014	WPH-002
19200-689-020	WPH-022	19200-PC0-405	WPH-021	19200-PN3-003	WPH-032
19200-689-030	WPH-022	19200-PC1-000	WPH-017	19200-PN3-013	WPH-032
19200-689-040	WPH-022	19200-PC1-010	WPH-017	19200-PN4-003	WPH-035
19200-689-325	WPH-022	19200-PC1-030	WPH-017	19200-PN4-013	WPH-035
19200-689-335	WPH-022	19200-PC1-080	WPH-017	19200-PNA-003	WPH-912*
19200-P01-003	WPH-002	19200-PC1-405	WPH-017	19200-PNL-E01	WPH-912*
19200-P01-004	WPH-002	19200-PC6-000	WPH-012	19200-POB-A01	WPH-008
19200-P08-003	WPH-006	19200-PC6-010	WPH-012	19200-PP0-003	WPH-039
19200-P08-004	WPH-006	19200-PD2-000	WPH-012	19200-PP0-013	WPH-039
19200-P08-A01	WPH-006	19200-PD2-405	WPH-012	19200-PR3-003	WPH-034
19200-P0A-003	WPH-001	19200-PD2-415	WPH-012	19200-PR4-003	WPH-005
19200-P0A-032	WPH-001	19200-PD2-660	WPH-012	19200-PR4-013	WPH-005
19200-P0B-A01	WPH-001	19200-PD6-000	WPH-012	19200-PR7-A01	WH-016
19200-P0G-A01	WPH-008	19200-PD6-405	WPH-012	19200-PRB-A01	WPH-909
19200-P13-000	WPH-020	19200-PD6-415	WPH-012	19200-PT0-000	WH-016
19200-P13-003	WPH-020	19200-PD6-660	WPH-012	19200-PT0-003	WPH-001
19200-P13-013	WPH-020	19200-PDA-E01	WPH-001	19200-PT0-004	WPH-001
19200-P14-A00	WPH-018	19200-PDF-E01	WPH-913*	19200-PT0-013	WPH-001
19200-P1G-E02	WPH-006	19200-PE0-000	WPH-014	19200-PT2-003	WPH-019
19200-P1J-E02	WPH-002	19200-PE0-010	WPH-014	19200-PT2-013	WPH-019
19200-P1R-003	WPH-004	19200-PE0-020	WPH-014	19200-PV0-003	WPH-004
19200-P2A-003	WPH-011A*	19200-PE0-405	WPH-014	19200-PV1-A01	WPH-004
19200-P2A-004	WPH-011A*	19200-PE0-415	WPH-014	19200-PV3-003	WPH-004
19200-P2A-A01	WPH-011A*	19200-PE0-505	WPH-010	19200-PWA-003	WPH-043
19200-P2A-A02	WPH-011A*	19200-PE0-515	WPH-010	19200-PY3-000	WPH-007

# CROSS REFERENCE LIST

\* New Product

## OE N<sup>R</sup> TO AISIN N<sup>R</sup>

OE N <sup>R</sup>	AISIN N <sup>R</sup>	OE N <sup>R</sup>	AISIN N <sup>R</sup>	OE N <sup>R</sup>	AISIN N <sup>R</sup>
19200-PY3-010	WPH-007	21010-01T25	WPN-076	21010-0W025	WPN-085
19200-PY3-A00	WPH-036	21010-01T26	WPN-076	21010-0W026	WPN-085
19200-PZ3-000	WPH-033	21010-01T27	WPN-034	21010-0W027	WPN-085
19200-RAA-A01	WPH-910	21010-01T85	WPN-076	21010-0W028	WPN-085
19200-RAD-003	WPH-052V*	21010-01T87	WPN-076	21010-10G25	WPN-039
19200-RBB-003	WPH-910	21010-01T88	WPN-076	21010-10G26	WPN-039
19200-RBB-013	WPH-910	21010-02C25	WPN-072	21010-10V00	WPN-052
19200-RBD-E01	WPH-053*	21010-02N03	WPN-006	21010-10V25	WPN-052
19200-RDL-A01	WPH-045	21010-02N25	WPN-006	21010-10V26	WPN-052
19200-RDM-A01	WPH-045	21010-02N26	WPN-028	21010-10V27	WPN-052
19200-RDM-A02	WPH-045	21010-02N27	WPN-028	21010-10V28	WPN-052
19200-RFE-003	WPH-910	21010-02N28	WPN-028	21010-12G25	WPN-004
19200-RGA-010	WPH-053V*	21010-02N85	WPN-006	21010-12G26	WPN-004
19200-WPA-003	WPH-043	21010-02N86	WPN-028	21010-12G27	WPN-004
19210-P0B-A01	WPH-001	21010-02N87	WPN-028	21010-13200	WPN-036
19210-PD6-305	WPH-012	21010-02N88	WPN-006	21010-13201	WPN-036
19210-PE8-305	WPH-021	21010-02N89	WPN-028	21010-13202	WPN-036
19210-PE9-305	WPH-026	21010-02N90	WPN-006	21010-13225	WPN-036
19210-PFB-003	WPH-041	21010-02N91	WPN-028	21010-13226	WPN-036
19210-PG6-305	WPH-013	21010-02N93	WPN-006	21010-13286	WPN-036
19210-PH1-305	WPH-003	21010-02N94	WPN-006	21010-14600	WPN-047
19210-PH1-515	WPH-003	21010-02P03	WPN-019	21010-16A25	WPN-037
19210-PH3-305	WPH-023	21010-02P25	WPN-019	21010-16A26	WPN-037
19210-PH9-305	WPH-037	21010-02P26	WPN-019	21010-16A27	WPN-078
19210-PK2-305	WPH-016	21010-02P27	WPN-019	21010-16A85	WPN-037
19709-5400K	WPF-020	21010-02P28	WPN-019	21010-16E01	WPN-011
19709-5400P	WPF-017	21010-02P29	WPN-019	21010-16E02	WPN-011
19709-5500	WPF-019	21010-03J25	WPN-038	21010-16E03	WPN-011
19709-5500G	WPF-019	21010-03J26	WPN-038	21010-16E25	WPN-011
1A00-15-010	WPS-021*	21010-03W25	WPN-036	21010-16E26	WPN-011
1A03-15-010	WPS-023*	21010-05E25	WPN-018	21010-16S85	WPN-037
1A04-15-010	WPS-022*	21010-05E26	WPN-018	21010-17C25	WPN-064
1A06-15-010	WPS-024*	21010-05E27	WPN-018	21010-17C25AS	WPN-064
1E04-15-010	WPZ-911	21010-05H00	WPN-074	21010-17C26	WPN-064
1E05-15-010	WPZ-912	21010-06E25	WPN-020	21010-17C27	WPN-064
1E06-15-010	WPZ-912	21010-06E26	WPN-020	21010-17S25	WPN-079
1E07-15-010	WPZ-913	21010-06J25	WPN-025	21010-17S26	WPN-079
1N00-15-010	WPN-009	21010-06J26	WPN-025	21010-17S27	WPN-079
1N01-15-010	WPN-071	21010-06J27	WPN-025	21010-18000	WPN-021
1N03-15-010	WPN-001	21010-06J28	WPN-025	21010-18001	WPN-021
1N05-15-010	WPN-009	21010-06J29	WPN-025	21010-18002	WPN-021
1N06-15-010	WPN-001	21010-09W24	WN-043	21010-18003	WPN-021
1N10-15-010	WPN-014	21010-09W25	WN-043	21010-18025	WPN-021
1N11-15-010	WPN-014	21010-09W26	WN-043	21010-18026	WPN-021
1N13-15-010	WPN-009	21010-09W94	WN-043	21010-18027	WPN-021
1N20-15-010	WPN-014	21010-0F002	WPN-054A*	21010-19901	WN-075
21010-00QA0	WE-RE01A	21010-0F003	WPN-054A*	21010-19925	WN-075
21010-00QAC	WE-RE01A	21010-0H625	WPN-053	21010-19B25	WPN-015
21010-00QAD	WPN-913*	21010-0H626	WPN-053	21010-1E400	WPN-060
2101000QAE	WE-RE02A	21010-0H627	WPN-053	21010-1E401	WPN-060
21010-01B25	WPN-035	21010-0M300	WPN-001	21010-1E402	WPN-060
21010-01B26	WPN-035	21010-0M301	WPN-001	21010-1E425	WPN-060
21010-01B27	WPN-035	21010-0P503	WPN-055	21010-1P100	WPN-089*
21010-01B28	WPN-035	21010-0P525	WPN-055	21010-1P101	WPN-089*
21010-01B29	WPN-035	21010-0P526	WPN-055	21010-1P127	WPN-089*
21010-01M00	WPN-003	21010-0P527	WPN-055	21010-1P128	WPN-089*
21010-01M01	WPN-003	21010-0P528	WPN-055	21010-20H25	WPN-022
21010-01M25	WPN-003	21010-0P529	WPN-055	21010-20J25	WN-042
21010-01T00	WPN-076	21010-0T025	WPN-040	21010-21000	WPN-032



# CROSS REFERENCE LIST

\* New Product

## OE N<sup>R</sup> TO AISIN N<sup>R</sup>

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21010-21001	WPN-032	21010-30R00	WPN-067	21010-43G89	WPN-002
21010-21002	WPN-032	21010-30R05	WPN-067	21010-44600	WPN-087
21010-21025	WPN-032	21010-30R06	WPN-067	21010-44G00	WPN-087
21010-21026	WPN-032	21010-30R95	WPN-067	21010-44G25	WPN-087
21010-21027	WPN-032	21010-31U00	WPN-070	21010-44G26	WPN-087
21010-21028	WPN-032	21010-31U25	WPN-070	21010-44G27	WPN-087
21010-21029	WPN-032	21010-31U26	WPN-070	21010-44G28	WPN-087
21010-21058	WPN-032	21010-31U27	WPN-070	21010-4M500	WPN-091*
21010-21085	WPN-032	21010-31U28	WPN-070	21010-4M501	WPN-092*
21010-21088	WPN-032	21010-31U29	WPN-070	21010-4M525	WPN-091*
21010-21N25	WPN-065	21010-31W25	WN-043	21010-4M526	WPN-091*
21010-21N26	WPN-065	21010-31W26	WN-043	21010-50A00	WPN-003
21010-21N27	WPN-065	21010-34T25	WPN-045A*	21010-50A11	WPN-912*
21010-21N28	WPN-065	21010-34T26	WPN-045A*	21010-50A25	WPN-003
21010-21N29	WPN-065	21010-34T27	WPN-045A*	21010-50A26	WPN-003
21010-21N85	WPN-065	21010-34T28	WPN-045A*	21010-50A27	WPN-003
21010-21N86	WPN-065	21010-35V25	WPN-002	21010-50A28	WPN-031
21010-21NY6	WPN-065	21010-35V26	WPN-002	21010-50A29	WPN-912*
21010-21U00	WPN-080	21010-35V27	WPN-002	21010-50A89	WPN-031
21010-21U25	WPN-080	21010-35V28	WPN-002	21010-50A94	WPN-003
21010-21U26	WPN-080	21010-37501	WPN-043	21010-50K25	WPN-088
21010-22J00	WPN-010	21010-37502	WPN-043	21010-50K26	WPN-088
21010-22J25	WPN-010	21010-37503	WPN-043	21010-50K28	WPN-088
21010-22J26	WPN-010	21010-37504	WPN-043	21010-50L25	WPN-062
21010-22P00	WPN-016	21010-37505	WPN-043	21010-50L26	WPN-062
21010-22P25	WPN-016	21010-37506	WPN-043	21010-50T25	WPN-076
21010-22P26	WPN-016	21010-37525	WPN-043	21010-50T26	WPN-076
21010-22P27	WPN-016	21010-37526	WPN-043	21010-50T27	WPN-034
21010-22T25	WPN-028	21010-37527	WPN-043	21010-50V25	WPN-024
21010-22T26	WPN-028	21010-37528	WPN-043	21010-52F00	WPN-068
21010-22T27	WPN-028	21010-37529	WPN-043	21010-52F01	WPN-068
21010-22T28	WPN-028	21010-37585	WPN-043	21010-53J00	WPN-014
21010-22T29	WPN-028	21010-37703	WN-053	21010-53J01	WPN-014
21010-23002	WPN-042A*	21010-37726	WN-053	21010-53J02	WPN-014
21010-23003	WPN-042A*	21010-40F25	WPN-059	21010-53J03	WPN-014
21010-23006	WPN-042A*	21010-40F26	WPN-059	21010-53J04	WPN-014
21010-23025	WPN-042A*	21010-40F27	WPN-059	21010-53J05	WPN-014
21010-23026	WPN-042A*	21010-40K26	WPN-915*	21010-53J25	WPN-014
21010-23028	WPN-042A*	21010-40K28	WPN-915*	21010-53V25	WPN-075
21010-24B25	WPN-015	21010-40K30	WPN-915*	21010-53V26	WPN-075
21010-24U00	WPN-080	21010-41B00	WPN-063	21010-53V27	WPN-075
21010-24U10	WPN-023	21010-41B01	WPN-063	21010-53Y00	WPN-001
21010-24U25	WPN-023	21010-41B02	WPN-063	21010-53Y01	WPN-001
21010-24U26	WPN-080	21010-41B03	WPN-063	21010-54A15	WPN-012
21010-24U27	WPN-023	21010-42L00	WPN-005	21010-54A25	WPN-073
21010-26E01	WPN-011	21010-42L01	WPN-005	21010-54A26	WPN-012
21010-26E02	WPN-011	21010-42L25	WPN-005	21010-54A27	WPN-012
21010-26E25	WPN-011	21010-42L26	WPN-005	21010-54A85	WPN-073
21010-26G25	WPN-013	21010-43G02	WPN-002	21010-54C00	WPN-069
21010-26G26	WPN-013	21010-43G03	WPN-002	21010-57J00	WPN-009
21010-26G27	WPN-013	21010-43G25	WPN-002	21010-57J01	WPN-009
21010-28J25	WPN-010	21010-43G26	WPN-002	21010-57J02	WPN-009
21010-28J26	WPN-010	21010-43G27	WPN-002	21010-57J03	WPN-009
21010-2S526	WPN-054A*	21010-43G28	WPN-002	21010-57J25	WPN-009
21010-2T325	WPN-082A*	21010-43G29	WPN-002	21010-57J26	WPN-009
21010-2W225	WPN-914*	21010-43G85	WPN-002	21010-57J27	WPN-009
21010-2W226	WPN-914*	21010-43G86	WPN-002	21010-57J28	WPN-009
21010-2W227	WPN-914*	21010-43G87	WPN-002	21010-58S00	WPN-023
21010-2W228	WPN-914*	21010-43G88	WPN-002	21010-58S25	WPN-023

# CROSS REFERENCE LIST

\* New Product

## OE N<sup>R</sup> TO AISIN N<sup>R</sup>

OE N <sup>R</sup>	AISIN N <sup>R</sup>	OE N <sup>R</sup>	AISIN N <sup>R</sup>	OE N <sup>R</sup>	AISIN N <sup>R</sup>
21010-59Y25	WPN-071	21010-7F400	WPN-904	21010-C6526	WPN-041
21010-5L300	WPN-080	21010-7F401	WPN-904	21010-D0104	WPN-033
21010-5L301	WPN-080	21010-80G01	WPN-054A*	21010-D0125	WPN-033
21010-5T125	WPN-082A*	21010-80G25	WPN-054A*	21010-D0126	WPN-033
21010-5T126	WPN-082A*	21010-80G26	WPN-054A*	21010-D0194	WPN-033
21010-5T127	WPN-082A*	21010-80G27	WPN-054A*	21010-D2825	WPN-073
21010-5T128	WPN-082A*	21010-80G28	WPN-054A*	21010-E3000	WPN-013
21010-5T129	WPN-082A*	21010-80G29	WPN-054A*	21010-E3001	WPN-013
21010-60U25	WPN-017	21010-80G85	WPN-054A*	21010-E3002	WPN-013
21010-60U26	WPN-017	21010-80G86	WPN-054A*	21010-E3003	WPN-013
21010-61504	WPN-026	21010-80G87	WPN-054A*	21010-E3004	WPN-013
21010-61505	WPN-026	21010-80G88	WPN-054A*	21010-E3025	WPN-013
21010-61526	WPN-026	21010-80G89	WPN-054A*	21010-E3026	WPN-013
21010-61527	WPN-026	21010-80W00	WPN-027	21010-E3027	WPN-013
21010-61528	WPN-026	21010-80W25	WPN-027	21010-E3028	WPN-013
21010-61529	WPN-026	21010-80W26	WPN-027	21010-E3075	WPN-013
21010-61585	WPN-026	21010-80W27	WPN-027	21010-E3087	WPN-013
21010-61594	WPN-026	21010-80W89	WPN-027	21010-EB300	WPN-905
21010-65F01	WPN-084	21010-80W93	WPN-027	21010-ED025	WPN-100V*
21010-65F25	WPN-084	21010-80W94	WPN-027	21010-EE025	WPN-099V*
21010-65F26	WPN-084	21010-81T00	WPN-010	21010-F4300	WPN-001
21010-66000	WPN-022	21010-81T25	WPN-010	21010-F6500	WPN-057
21010-66001	WPN-022	21010-81T26	WPN-010	21010-F6525	WPN-057
21010-66010	WPN-022	21010-82W25	WPN-027	21010-F6526	WPN-057
21010-66011	WPN-022	21010-85G25	WPN-056	21010-F6527	WPN-057
21010-66026	WPN-022	21010-85G26	WPN-056	21010-F6528	WPN-057
21010-66027	WPN-022	21010-85G27	WPN-056	21010-G2404	WPN-054A*
21010-66028	WPN-022	21010-86G00	WPN-059	21010-G3625	WPN-066
21010-67U00	WPN-083	21010-88R00	WPN-001	21010-G3626	WPN-066
21010-67U25	WPN-083	21010-88R10	WPN-001	21010-G3925	WPN-027
21010-67U26	WPN-083	21010-89TA0	WPG-015	21010-G3926	WPN-027
21010-67U27	WPN-083	21010-89TA1	WPG-016	21010-G3926AS	WPN-027
21010-67U28	WPN-083	21010-89TA2	WPG-015	21010-G3927	WPN-027
21010-69T02	WPN-087	21010-89TA4	WPG-016	21010-G3928	WPN-027
21010-6F900	WE-C101	21010-89TA7	WPG-015	21010-G5500	WPN-030
21010-6N225	WPN-092*	21010-89TB1	WPG-015	21010-G5510	WPN-008
21010-6N226	WPN-092*	21010-96004	WPN-917*	21010-G5525	WPN-030
21010-70J00	WPN-014	21010-96075	WPN-917*	21010-G5526	WPN-030
21010-70T00	WPN-005	21010-96076	WPN-917*	21010-G5585	WPN-008
21010-70T25	WPN-005	21010-96172	WPN-917*	21010-G5586	WPN-008
21010-71E25	WPN-061	21010-97E00	WPN-081	21010-G5594	WPN-008
21010-71E26	WPN-061	21010-99B00	WPN-063	21010-G8025	WPN-030
21010-71E27	WPN-061	21010-9C600	WN-076	21010-G8125	WPN-008
21010-71E28	WPN-061	21010-9F501	WPN-014	21010-H0125	WPN-021
21010-71J00	WPN-001	21010-9F600	WPN-910	21010-H1025	WPN-021
21010-74Y00	WPN-001	21010-9F605	WPN-910	21010-H1026	WPN-021
21010-74Y01	WPN-001	21010-AD225	WPN-909	21010-H5000	WPN-021
21010-75T00	WPN-080	21010-AD226	WPN-909	21010-H5025	WPN-021
21010-75T25	WPN-080	21010-AL527	WPN-093*	21010-H5026	WPN-021
21010-75T26	WPN-080	21010-AL528	WPN-093*	21010-H5028	WPN-021
21010-77A00	WPN-058	21010-AW300	WE-RE03A	21010-H6010	WPN-021
21010-78200	WPN-022	21010-B1762	WPN-912*	21010-H7201	WPN-029A*
21010-78201	WPN-022	21010-B17G2	WPN-031	21010-H7202	WPN-029A*
21010-78202	WPN-022	21010-BA010	WPN-033	21010-H7203	WPN-029A*
21010-78203	WPN-022	21010-BN700	WE-RE02A	21010-H7225	WPN-029A*
21010-78225	WPN-022	21010-C6025	WPN-041	21010-H7226	WPN-029A*
21010-78226	WPN-022	21010-C6026	WPN-041	21010-H7227	WPN-029A*
21010-79L00	WPN-005	21010-C6500	WPN-041	21010-H7287	WPN-029A*
21010-79L25	WPN-005	21010-C6525	WPN-041	21010-H7289	WPN-029A*

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\* New Product

## OE N<sup>R</sup> TO AISIN N<sup>R</sup>

OE N <sup>R</sup>	AISIN N <sup>R</sup>	OE N <sup>R</sup>	AISIN N <sup>R</sup>	OE N <sup>R</sup>	AISIN N <sup>R</sup>
21010-H9100	WPN-029A*	21010-S9086	WPN-034	21010-W1727	WPN-066
21010-H9300	WPN-029A*	21010-S9087	WPN-034	21010-W1728	WPN-077
21010-HC400	WPZ-002	21010-S9088	WPN-034	21010-W1729	WPN-077
21010-HC426	WPZ-002	21010-T8200	WPN-086	21010-W1786	WPN-066
21010-HC427	WPZ-002	21010-T8225	WPN-086	21010-W1788	WPN-077
21010-J2004	WPZ-002	21010-T8226	WPN-086	21010-W1789	WN-005
21010-J2025	WPZ-002	21010-T8227	WPN-086	21010-W1790	WPN-066
21010-J5025	WPN-047	21010-T9025	WPN-034	21010-W3425	WPN-072
21010-J5125	WPN-047	21010-T9026	WPN-034	21010-W3626	WPN-013
21010-L1100	WPN-007	21010-T9027	WPN-034	21010-W3627	WPN-013
21010-L1101	WPN-007	21010-T9085	WPN-034	21010-W3628	WPN-013
21010-L1125	WPN-007	21010-T9086	WPN-034	21010-W3685	WPN-013
21010-L1126	WPN-007	21010-T9087	WPN-034	21010-W3686	WPN-013
21010-L1600	WN-052	21010-T9088	WPN-034	21010-W3694	WPN-013
21010-L1625	WN-052	21010-T9089	WPN-034	21010-W4425	WPN-024
21010-M0100	WPN-021	21010-U6725	WPN-042A*	21010-W4426	WPN-024
21010-M0125	WPN-021	21010-U6726	WPN-049	21010-WJ125	WPN-045A*
21010-M5025	WPN-021	21010-U6727	WPN-042A*	21010-Y7025	WPN-013
21010-M6601	WPN-021	21010-U6728	WPN-042A*	2108120725	WE-CI01
21010-M6625	WPN-021	21010-U6729	WPN-042A*	2108-1307010	WPL-001*
21010-M6626	WPN-021	21010-V0725	WPN-079	21082-01P00	VN-801
21010-M6686	WPN-021	21010-V0726	WPN-079	21082-01P01	VN-801
21010-M6689	WPN-021	21010-V5003	WPN-019	21082-01P02	VN-801
21010-N5803	WPN-027	21010-V5004	WPN-019	21082-01P03	VN-801
21010-N5825	WPN-027	21010-V5005	WPN-019	21082-01P04	VN-801
21010-N5826	WPN-027	21010-V5025	WPN-019	21082-01T00	VN-817
21010-N5827	WPN-027	21010-V5026	WPN-019	21082-01T01	VN-802
21010-N5828	WPN-027	21010-V5027	WPN-019	21082-01Y01	VN-802
21010-N5829	WPN-027	21010-V5028	WPN-019	21082-10C10	VN-803
21010-N5886	WPN-027	21010-V5500	WPN-024	21082-10G01	VN-818
21010-N8525	WPN-042A*	21010-V5510	WPN-024	21082-10G20	VN-818
21010-N8526	WPN-042A*	21010-V5525	WPN-024	21082-10G21	VN-818
21010-N8527	WPN-042A*	21010-V5526	WPN-024	21082-10V00	VN-803
21010-N8528	WPN-049	21010-V5527	WPN-024	21082-10V10	VN-803
21010-OM301	WPN-001	21010-V5528	WPN-024	21082-12G02	VN-801
21010-P7503	WPN-013	21010-V5529	WPN-024	21082-12G03	VN-801
21010-P7525	WPN-013	21010-V5585	WPN-024	21082-12G10	VN-801
21010-P7526	WPN-013	21010-V5586	WPN-024	21082-13C00	VN-804
21010-P7527	WPN-013	21010-V5587	WPN-024	21082-17C00	VN-805
21010-P7528	WPN-013	21010-V5588	WPN-024	21082-17C01	VN-805
21010-P7529	WPN-013	21010-V5589	WPN-024	21082-17C15	VN-805
21010-P7585	WPN-013	21010-V5725	WPN-062	21082-17C16	VN-805
21010-P7586	WPN-013	21010-V7026	WPN-013	21082-19V00	VN-801
21010-P7586AS	WPN-013	21010-V7225	WPN-010	21082-20V00	VN-801
21010-P7587	WPN-013	21010-V7226	WPN-010	21082-22J00	VN-819
21010-P7588	WPN-013	21010-V7227	WPN-010	21082-22J01	VN-819
21010-R2025	WPN-901	21010-V7228	WPN-010	21082-22P00	VN-801
21010-R2028	WPN-901	21010-V7229	WPN-010	21082-35F00	VN-806
21010-R2029	WPN-901	21010-V7285	WPN-010	21082-36W00	VN-818
21010-R7400	WN-014	21010-V7286	WPN-010	21082-41G00	VN-801
21010-R8485	WPN-072	21010-V9400	WPN-024	21082-42L00	VN-801
21010-R8486	WPN-072	21010-VB125	WPN-094*	21082-42L01	VN-801
21010-R8487	WPN-072	21010-VB126	WPN-094*	21082-42L02	VN-801
21010-R9025	WPN-902	21010-VG126	WPN-914*	21082-42L03	VN-801
21010-R9026	WPN-902	21010-VG127	WPN-914*	21082-42L04	VN-801
21010-S9025	WPN-034	21010-VJ226	WPN-097V*	21082-42L10	VN-801
21010-S9026	WPN-034	21010-VK525	WPN-911	21082-50L00	VN-801
21010-S9027	WPN-034	21010-VR025	WPN-053	21082-50L60	VN-801
21010-S9085	WPN-034	21010-W1725	WN-005	21082-53T00	VN-817

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\* New Product

## OE N<sup>R</sup> TO AISIN N<sup>R</sup>

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21082-55L01	VN-801	21082-Y7071	VN-801	21111-KA076	WPF-001
21082-86G00	VN-815	21110-AA000	WPF-011	21111-KA092	WPF-022*
21082-88G00	VN-807	21110-AA001	WPF-011	21111-KA110	WPF-004
21082-88G10	VN-807	21110-AA002	WPF-011	21111-KA120	WPF-022*
21082-97L00	VN-808	21110-AA003	WPF-011	21111-KA121	WPF-022*
21082-C8601	VN-809	21110-AA012	WPF-003	21111-KA122	WPF-022*
21082-C8603	VN-809	21110-AA013	WPF-003	21111-KA123	WPF-022*
21082-G5100	VN-810	21110-AA014	WPF-003	21111-KA124	WPF-022*
21082-G5500	VN-801	21110-AA015	WPF-003	21111-KA130	WPF-001
21082-G5560	VN-801	21110-AA016	WPF-003	21111-KA131	WPF-001
21082-H7200	VN-811	21110-AA017	WPF-003	21111-KA132	WPF-001
21082-H7201	VN-811	21110-AA022	WPF-007	21111-KA140	WPF-001
21082-H7202	VN-811	21110-AA023	WPF-007	21111-KA141	WPF-001
21082-H9100	VN-811	21110-AA025	WPF-007	21111-KA142	WPF-001
21082-H9300	VN-810	21110-AA026	WPF-007	21111-KA150	WPF-004
21082-H9920	VN-812	21110-AA050	WPF-012	21111-KA151	WPF-004
21082-N3600	VN-801	21110-AA060	WPF-005	21111-KA152	WPF-004
21082-P0200	VN-801	21110-AA120	WPF-010	21111-KA153	WPF-004
21082-R2000	VN-801	21110-AA121	WPF-010	21111-KA154	WPF-004
21082-R9200	VN-801	21111-A0007	WPF-002	21111-KA160	WPF-004
21082-R9201	VN-801	21111-AA000	WPF-002	21111-KA190	WPF-001
21082-R9210	VN-801	21111-AA001	WPF-002	21111-KA191	WPF-001
21082-R9270	VN-801	21111-AA002	WPF-002	21111-KA192	WPF-001
21082-S8025	VN-801	21111-AA003	WPF-002	21111-KA230	WPF-022*
21082-S8200	VN-801	21111-AA004	WPF-002	21111-KA240	WPF-004
21082-S8201	VN-801	21111-AA006	WPF-002	21111-KA280	WPF-004
21082-S8205	VN-801	21111-AA007	WPF-002	21111-KA281	WPF-004
21082-S8260	VN-801	21111-AA020	WPF-006	21111-KA282	WPF-004
21082-T6400	VN-813	21111-AA021	WPF-006	21111-KA290	WPF-001
21082-T6460	VN-813	21111-AA022	WPF-006	21111-KA291	WPF-001
21082-V0400	VN-814	21111-AA026	WPF-006	21118-KA000	WPF-901
21082-V0700	VN-815	21111-AA033	WPF-002	213100-11750	WPN-905
21082-V5000	VN-801	21111-AA042	WPF-008	213311-10191	WPT-132*
21082-V5010	VN-801	21111-AA060	WPF-008	214300-30010	VT-913
21082-V5500	VN-816	21111-AA061	WPF-008	214300-40010	VT-914
21082-V5501	VN-816	21111-AA065	WPF-008	23100-10191	WPT-132*
21082-V5502	VN-816	21111-AA081	WPF-006	25100-02500	WY-004
21082-V5503	VN-816	21111-KA032	WPF-001	25100-02501	WY-004
21082-V6800	VN-801	21111-KA041	WPF-001	25100-02502	WY-004
21082-V6860	VN-801	21111-KA042	WPF-001	25100-02555	WY-004
21082-V7000	VN-801	21111-KA043	WPF-001	25100-02566	WPK-006
21082-V7202	VN-801	21111-KA044	WPF-001	25100-11010	WP-8790
21082-V7262	VN-801	21111-KA045	WPF-001	25100-21000	WPM-001
21082-W3601	VN-801	21111-KA046	WPF-001	25100-21010	WPM-001
21082-W3661	VN-801	21111-KA047	WPF-001	25100-21020	WPM-001
21082-W4401	VN-816	21111-KA050	WPF-004	25100-21030	WPM-001
21082-W4402	VN-816	21111-KA051	WPF-004	25100-22010	WPM-001
21082-W4403	VN-816	21111-KA052	WPF-004	25100-22012	WPM-001
21082-W4404	VN-816	21111-KA053	WPF-004	25100-22650	WPY-022
21082-W4405	VN-816	21111-KA054	WPF-004	25100-23001	WPY-021
21082-W4415	VN-816	21111-KA055	WPF-004	25100-23002	WPY-021
21082-Y4000	VN-801	21111-KA060	WPF-004	25100-23003	WPY-028*
21082-Y4100	VN-801	21111-KA061	WPF-004	25100-23010	WPY-027*
21082-Y4101	VN-801	21111-KA070	WPF-001	25100-23011	WPY-021
21082-Y4104	VN-801	21111-KA071	WPF-001	25100-23021	WPU-001V*
21082-Y4161	VN-801	21111-KA072	WPF-001	25100-23510	WPK-005
21082-Y7000	VN-801	21111-KA073	WPF-001	25100-23513	WPY-004
21082-Y7001	VN-801	21111-KA074	WPF-001	25100-23530	WPY-005
21082-Y7061	VN-801	21111-KA075	WPF-001	25100-24030	WPM-001

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\* New Product

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25100-24040	WPM-001	25100-39800	WPY-015	31076-0100	WF-012
25100-24060	WPM-001	25100-39802	WPY-015	31076-0110	WF-012
25100-25002	WPY-036*	25100-3B002	WY-006	31076-0120	WF-012
25100-25010	WPM-001	25100-3B300	WY-006	31076-4300	WF-012
25100-26015	WY-007	25100-3C100	WPY-029*	31076-8100	WF-012
25100-26016	WY-007	25100-3C120	WPY-038*	31248-34100	FNM-017*
25100-26900	WPY-020	25100-3X000	WPK-014*	31248-39100	FNM-015*
25100-26901	WY-007	25100-41000	WPY-003	31645-01010	WM-007
25100-26902	WPY-020	25100-41001	WPY-003	31645-01012	WM-007
25100-27000	WPY-007	25100-41400	WPY-037*	31645-01021	WM-008
25100-27400	WPY-026*	25100-41500	WPY-013	31645-01032	WM-007
25100-2A001	WPK-010*	25100-41520	WPY-013	31645-01042	WM-008
25100-2A200	WPY-034*	25100-41700	WPY-001	31645-01060	WM-008
25100-2B000	WPY-025*	25100-41750	WPY-002	31645-02010	WM-007
25100-2X100	WPK-003	25100-41760	WPY-002	31645-02011	WM-007
25100-2X200	WPK-007	25100-42000	WPM-002	31645-02012	WM-007
25100-2Y000	WPK-005	25100-42540	WPM-029	31645-02020	WM-008
25100-2Y001	WPK-005	25100-42541	WPY-011	31645-02021	WM-008
25100-32000	WY-001	25100-42700	WPY-032*	31645-02030	WM-007
25100-32010	WY-001	25100-45001	WPY-010	31645-02031	WM-007
25100-32020	WY-001	25100-45002	WPY-009	31645-02040	WM-008
25100-32031	WY-001	25100-4A000	WPY-008	31645-02041	WM-008
25100-32033	WY-001	25100-4A100	WPY-008	31645-02060	WM-008
25100-32120	WPM-012	25100-4A200	WPY-008	31645-02061	WM-008
25100-32500	WPM-010	25100-4X300	WPK-013*	31645-80010	WPM-916*
25100-32501	WPM-004	25100-4X800	WPY-024*	3287751	WPM-904
25100-32502	WPM-010	25100-4X900	WPK-008*	3343093	WPM-904
25100-32510	WPM-010	25111-29000	WPT-902	3344251	WPM-904
25100-32512	WPM-010	25111-29001	WPT-902	3345626	WPM-904
25100-32515	WPM-010	25215-4Z100	WPY-031*	34445-10014	WPM-914*
25100-32555	WPM-010	25237-36000	WPM-014	34445-10015	WPM-914*
25100-32565	WPM-010	25237-36010	WPM-014	34445-20010	WPM-914*
25100-32566	WPM-010	2705598	WV-007	34545-00012	WPM-907
25100-32568	WPM-010	270681	WV-006	34545-10010	WPM-907
25100-32569	WPY-019	2712750	WV-007	34745-11010	WPM-915*
25100-32570	WPM-010	271647	WV-003B	3648-15-130A	WPZ-009
25100-32590	WPY-019	271830	WV-007	3648-15-130B	WPZ-009
25100-33001	WP-3711A	271975	WV-007	3648-15-130C	WPZ-009
25100-33011	WP-3711A	271984	WV-002	3648-15-130D	WPZ-009
25100-33012	WP-3711A	271985	WV-001D	3648-15-130E	WPZ-009
25100-33020	WPM-056	271986	WV-003B	3648-15-130F	WPZ-009
25100-33101	WPM-012	272334	WV-005	3648-15-130G	WPZ-009
25100-33111	WPM-012	272454	WV-001D	38199151	WPZ-007
25100-33112	WPM-012	272457	WV-005	41076-7000	WPF-012
25100-33120	WPM-012	272476	WV-005	41076-7100	WPF-005
25100-33122	WPY-018	272481	WV-003B	41076-7200	WPF-012
25100-33132	WPM-012	272482	WV-002	41076-7300	WPF-005
25100-35010	WPM-014	272954	WV-001D	4331825	WE-FI01
25100-35020	WPM-014	274216	WPV-902*	4401505	WPN-913*
25100-35030	WPM-014	283063	VE-009	4401595	WPN-913*
25100-35050	WPY-017	30620725	WE-RE01A	4408028	WE-RE01A
25100-36000	WPM-014	30650834	WV-001D	4506045	WPN-913*
25100-36010	WPM-014	30684432	WV-001D	4626054	WPA-007*
25100-37102	WY-005	30711527	WPZ-930*	4626215	WPA-006*
25100-37201	WPY-006	30713570	WV-001D	4637500	WPA-004*
25100-38002	WY-006	30713571	WV-008*	46432248	WPS-909*
25100-38450	WPU-002V*	30751971	WPZ-930*	46515970	WPS-909*
25100-39010	WPY-016	30855991	WPM-904	46515972	WPS-909*
25100-39012	WPY-016	30948-32400	FNM-013*	46804051	WE-OP08*

# CROSS REFERENCE LIST

\* New Product

## OE N<sup>R</sup> TO AISIN N<sup>R</sup>

OE N <sup>R</sup>	AISIN N <sup>R</sup>	OE N <sup>R</sup>	AISIN N <sup>R</sup>	OE N <sup>R</sup>	AISIN N <sup>R</sup>
4720429	WPA-001	5-13610-179-0	WPG-016	6612003501	WPO-007*
4864566	WPA-002	5-13610-179-1	WPG-016	6612004120	WPO-009*
49709-5400G/K	WPF-020	5-13610-179-2	WPG-016	6612004220	WPO-008*
49709-5400P	WPF-017	5-13610-184-0	WPG-005	66520-00701	WPO-005*
49709-5500	WPF-019	5-13610-184-1	WPG-005	6652001201	WPO-005*
49709-5500G/K	WPF-019	5-13610-187-0	WPG-006	71739401	WE-OP07*
5005197	WE-FO01*	5-13610-199-0	WPG-009	741001042	WN-077
5008470	WE-FO02*	5-13616-169-0	WPG-017	741001052	WPN-907
5013320	WE-FO03*	5-13616-169-4	WPG-017	74100105-2	WPN-907
5018437	WE-FO02*	5-13616-184-0	WPG-005	741001122	WPN-907
5018852	WE-FO02*	5-13660-046-1	FNG-008*	741001133	WN-077
5020242	WPZ-913	5-13660-236-0	FNG-010*	74100113-3	WN-077
5020651	WE-FO03*	5-13660-300-0	FNG-001*	7438610006	WV-005
5024603	WE-FO01*	5-13660-308-0	FNG-005*	75015010	WPZ-928*
50940-13802	WO-002	5-13662-012-0	FNG-003*	7580756	WE-FI04
5-13610-012-1	WG-005	554021200	WPD-015	7700111675	WE-RE01A
5-13610-012-2	WG-012	554021207	WPD-009	7701462809	WPM-904
5-13610-012-3	WG-005	5-86003-637-0	WPH-002	7701463111	WPM-904
5-13610-026-2	WPG-908*	5-86003-638-0	WPH-002	7701463397	WPM-904
5-13610-026-3	WPG-908*	5-86003-639-0	WPH-006	7701464736	WPM-904
5-13610-038-0	WPG-016	5-86003-640-0	WPH-006	7701465816	WPM-904
5-13610-038-1	WPG-016	5-86003-904-0	WPH-011A*	7701466578	WPM-904
5-13610-038-2	WPG-016	5-86003-905-0	WPH-011A*	7701472182	WE-RE01A
5-13610-038-3	WPG-016	5-86008-904-0	WPH-011A*	77014-72625	WPN-913*
5-13610-041-3	WG-012	5-86008-905-0	WPH-011A*	7701472812	WE-RE01A
5-13610-041-4	WG-012	5-86008-905-Z	WPH-913*	7701473327	WE-RE02A
5-13610-041-5	WG-012	586008940Z	WPH-913*	7701474190	WPN-913*
5-13610-047-0	WPG-017	5-86103-068-0	WPN-052	7701474435	WE-RE03A
5-13610-054-2	WPG-913*	5-86103-070-0	WPN-082A*	7701476496	WE-RE02A
5-13610-054-3	WPG-913*	5-86103-073-0	WPN-056	7701774435	WE-RE02A
5-13610-054-4	WPG-913*	5-86114-301-0	WPN-082A*	8-13617-636-0	WG-012
5-13610-057-0	WPG-017	5-86120-640-0	WPN-052	8200035221	WE-RE02A
5-13610-077-2	WPG-017	5-86120-641-0	WPN-052	8200069427	WE-RE01A
5-13610-124-0	WPG-004	5-86123-822-0	WPN-056	8200129206	WPN-913*
5-13610-124-1	WPG-004	5-86127-057-0	WPN-070	8200187076	WE-RE01A
5-13610-144-0	WPG-908*	5-86129-016-0	WPN-052	8200233673	WE-RE01A
5-13610-144-1	WPG-908*	5-86132-944-0	WPN-056	8200235657	WE-RE03A
5-13610-145-2	WPG-908*	5-86133-251-0	WPN-082A*	8200235658	WE-RE03A
5-13610-150-0	WPG-006	5862023750	WPH-001	8200357825	WE-RE03A
5-13610-150-1	WPG-006	5882689	WE-FI01	8200357826	WE-RE01A
5-13610-150-2	WPG-006	5882691	WE-FI02	8200653929	WE-RE01A
5-13610-163-0	WPG-017	5882694	WE-FI03	8200653934	WE-RE03A
5-13610-169-1	WPG-017	602.200.00.20	WO-010	83502938	WPA-004*
5-13610-169-2	WPG-017	602.200.0020	WO-010	83503407	WPA-006*
5-13610-169-3	WPG-017	60320-04901	WPO-007*	8553-15-010B	WPZ-009
5-13610-169-4	WPG-017	6039328	WE-FO01*	8553-15-010E	WPZ-009
5-13610-170-0	WPG-017	6050034	WE-FO01*	8553-15-010F	WPZ-009
5-13610-170-1	WPG-017	6050907	WE-FO01*	8642293	WV-001D
5-13610-170-2	WPG-017	60533509	WPT-908	8-64332-637-0	WPG-901
5-13610-170-3	WPG-017	60561806	WPT-908	8-64332-638-0	WPG-001
5-13610-171-0	WG-015	60778982	WPA-002	8653806	WPV-903*
5-13610-171-1	WG-015	60778983	WPA-002	8692839	WPV-901*
5-13610-171-2	WG-015	60814609	WPS-909*	8694630	WPV-902*
5-13610-171-3	WG-015	60815559	WPS-909*	8872-15-010	WPZ-009
5-13610-172-0	WG-001	6099125	WE-FO02*	8872-15-010A	WPZ-009
5-13610-172-1	WG-001	6334001	WPS-908	8872-15-010B	WPZ-009
5-13610-174-0	WPG-004	6334002	WE-OP07*	8872-15-010D	WPZ-009
5-13610-174-1	WPG-004	6334003	WPS-909*	8872-15-010E	WPZ-009
5-13610-178-0	WG-001	63615010	WPZ-928*	88FX8591AA	WPZ-913

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## OE N<sup>R</sup> TO AISIN N<sup>R</sup>

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88FX8591AB	WPZ-913	8-94376-832-0	WPG-016	8-94471-470-0	WPG-003
8-94104-755-0	WG-001	8-94376-837-0	WPG-004	8-94483-167-0	WPG-017
8-94104-755-1	WG-001	8-94376-843-0	WPG-006	8-94483-167-1	WPG-017
8-94109-591-0	WPG-020	8-94376-843-1	WPG-006	8-97001-775-0	WG-008
8-94109-591-1	WPG-020	8-94376-844-0	WPG-001	8-97010-200-0	WPG-910*
8-94115-065-0	WG-008	8-94376-846-0	WPG-901	8-97010-201-0	WPG-014
8-94117-501-1	WPG-014	8-94376-847-0	WPG-001	8-97010-201-1	WPG-014
8-94117-866-0	FNG-002*	8-94376-848-0	WPG-902	8-97010-772-0	WPG-005
8-94118-353-0	WPG-014	8-94376-850-0	WG-008	8-97014-078-0	WPG-008
8-94118-501-0	WPG-014	8-94376-851-0	WPG-001	8-97018-556-0	WPG-002
8-94118-501-1	WPG-014	8-94376-851-1	WPG-001	8-97018-556-Z	WPG-002
8-94120-768-0	WPG-004	8-94376-853-0	WPG-002	8-97018-560-0	WPG-001
8-94120-768-1	WPG-004	8-94376-853-Z	WPG-002	8-97018-560-1	WPG-001
8-94124-093-4	WP-4130A	8-94376-854-0	WPG-005	8-97018-777-1	WP-5100
8-94124-093-5	WP-4130A	8-94376-855-0	WG-015	8-97018-777-2	WP-5100
8-94124-093-6	WP-4130A	8-94376-857-0	WPG-005	8-97021-171-0	WPG-002
8-94129-554-0	WPG-002	8-94376-858-0	WG-001	8-97021-171-1	WPG-002
8-94129-554-Z	WPG-002	8-94376-859-0	WPG-004	8-97021-171-Z	WPG-002
8-94131-330-1	WPG-907	8-94376-863-0	WPG-017	8-97021-772-0	WPG-005
8-94136-076-0	WPG-910*	8-94376-865-0	WG-012	8-97021-773-0	WPG-901
8-94136-167-0	WPG-910*	8-94376-866-0	WPG-020	8-97021-774-0	WPG-001
8-94136-380-0	WPG-910*	8-94379-461-2	WPG-001	8-97021-775-0	WG-008
8-94140-341-1	WPG-001	8-94379-472-0	WPG-001	8-97022-859-0	WPG-010
8-94140-341-2	WPG-001	8-94379-924-0	WPG-002	8-97028-593-0	WPG-913*
8-94146-326-0	WPG-901	8-94379-924-Z	WPG-002	8-97028-595-0	WPG-017
8-94155-065-0	WG-008	8-94386-857-0	WPG-005	8-97031-472-0	WPG-905
8-94171-813-0	FCG-002*	8-94387-613-0	WPG-003	8-97037-966-0	WPG-001
8-94174-226-2	WPG-001	8-94391-701-0	FCG-006*	8-97039-034-0	FCG-013*
8-94176-989-0	WPG-006	8-94391-702-0	FCG-008*	8-97045-151-0	FCG-005*
8-94176-989-1	WPG-006	8-94393-117-0	FNG-009*	8-97061-280-0	WP-5100
8-94176-989-2	WPG-006	8-94394-009-2	FCG-009*	8-97062-796-0	WPG-001
8-94224-456-0	WPG-910*	8-94395-254-1	FCG-015*	8-97069-783-0	FCG-012*
8-94232-082-1	WPG-902	8-94395-656-0	WPG-903	8-97073-951-0	WPG-015
8-94232-082-2	WPG-902	8-94395-656-1	WPG-903	8-97073-951-1	WPG-015
8-94239-649-0	WPG-004	8-94395-656-2	WPG-903	8-97081-623-0	WPG-001
8-94239-851-0	WPG-005	8-94405-039-0	WPG-003	8-97081-623-1	WPG-909
8-94240-089-0	WPG-910*	8-94411-901-0	WPG-003	8-97100-852-0	WG-008
8-94240-378-0	WPG-910*	8-94411-901-1	WPG-003	8-97105-012-0	WPG-021
8-94241-525-0	WG-001	8-94412-030-0	FCG-001*	8-97105-012-1	WPG-021
8-94244-409-0	FCG-019*	8-94415-090-1	WPG-003	8-97105-012-3	WPG-021
8-94251-251-0	WPG-004	8-94419-461-0	WPG-001	8-97109-676-0	WPG-015
8-94310-025-0	WPG-001	8-94419-461-1	WPG-001	8-97109-676-1	WPG-015
8-94310-251-0	WPG-001	8-94419-461-2	WPG-001	8-97110-387-0	WPG-018
8-94311-252-0	FCG-018*	8-94439-850-0	WPG-002	8-97123-330-0	WPG-001
8-94329-649-0	WPG-004	8-94439-850-1	WPG-002	8-97123-330-2	WPG-001
8-94332-637-0	WPG-901	8-94439-850-2	WPG-002	8-97125-424-0	WP-5100
8-94332-638-0	WPG-001	8-94439-850-Z	WPG-002	8-97125-975-0	WP-5100
8-94332-638-1	WPG-001	8-94439-851-0	WPG-005	8-97130-362-1	FCG-003*
8-94332-638-2	WPG-001	8-94439-851-1	WPG-005	8-97135-167-0	FCG-004*
8-94332-920-0	WPG-902	8-94439-851-2	WPG-005	8-97136-127-1	WPG-912*
8-94332-922-0	WG-008	8-94439-852-0	WG-015	8-97144-874-1	FCG-016*
8-94332-922-1	WG-008	8-94439-852-1	WG-015	8-97145-322-0	FCG-014*
8-94334-671-0	WPG-015	8-94439-852-2	WG-015	8-97148-797-0	FCG-007*
8-94334-671-1	WPG-015	8-94439-853-0	WPG-009	8-97167-554-0	WPG-912*
8-94360-200-0	WPG-904	8-94439-875-0	WPG-005	8-97201-171-Z	WPG-002
8-94372-119-0	WPG-002	8-94439-875-1	WPG-005	8-97222-421-0	FCG-017*
8-94372-119-1	WPG-002	8-94441-846-0	WG-001	8-97312-147-3	WPG-025V*
8-94372-119-Z	WPG-002	8-94461-173-0	WPG-001	8-97333-361-0	WPG-015
8-94376-472-0	WPG-001	8-94471-469-0	WPG-003	8-97376-843-0	WPG-006

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8-97376-851-0	WPG-001	8AH2-15-010	WPZ-002	9-13610-537-0	WPW-900
8A13715010	WPZ-931*	8AH2-15-010A	WPZ-002	9-13610-605-0	WPG-016
8AB1-15-010	WPZ-006	8AH2-15-010B	WPZ-002	9-13617-605-0	WPG-016
8AB2-15-010	WPZ-006	8AH3-15-010	WPZ-905	9-13617-608-0	WG-005
8AB3-15-010	WPZ-001	8AH3-15-010A	WPZ-905	9-13617-635-0	WPG-016
8AB3-15-010A	WPZ-001	8AH3-15-010B	WPZ-905	9-13617-636-0	WG-012
8AB3-15-010B	WPZ-001	8AH3-15-010C	WPZ-905	9-13617-636-2	WG-012
8AB4-15-010	WPZ-001	8AH3-15-010E	WPZ-905	9142695	WV-005
8AB4-15-010A	WPZ-001	8AH3-15-011E	WPZ-023*	9161909	WV-002
8AB5-15-010	WPZ-003	8AH4-15-010	WPZ-002	9161910	WV-001D
8AB5-15-010A	WPZ-003	8AH6-15-010	WPZ-922	9161920	WV-003B
8AB6-15-010	WZ-008	8AH7-15-010C	WPZ-029V*	9194747	WE-OP07*
8AB6-15-010A	WZ-008	8AK1-15-010	WPZ-002	92064250	WO-011
8AB7-15-010	WPZ-001	8AK1-15-010A	WPZ-002	92065969	WO-011
8AB7-15-010A	WPZ-001	8AK2-15-010	WPZ-909	9234200	WO-002
8AB8-15-010	WPZ-003	8AL1-15-010	WZ-014	93170401	WE-OP07*
8AB9-15-010	WPZ-016	8AL1-15-010B	WZ-014	93172718	WE-OP07*
8AB9-15-010A	WPZ-016	8AL2-15-010	WPZ-905	93178602	WE-OP07*
8ABA15010	WPZ-931*	8AL4-15-010	WPZ-910	93179114	WE-OP08*
8ABA-15-010	WPZ-931*	8AL4-15-010A	WPZ-910	93181118	WE-OP07*
8ABB-15-010	WPZ-903	8ALA-15-100A	WPZ-906	94013802	WO-002
8ABB-15-010A	WPZ-903	8AS4-15-010	WZ-004	94124093	WE-OP03*
8ABC-15-010	WPZ-902	8AS4-15-010A	WZ-004	94136076	WPG-910*
8ABS-15-010	WPZ-003	8AS6-15-010	WPZ-002	94331664	WPG-905
8ABT-15-010	WPZ-006	8AS6-15-010A	WPZ-002	94341998	WPG-018
8AD1-15-010	WPZ-001	8AW1-15-100	WPZ-005	9445576	WV-005
8AD2-15-010	WPZ-001	8AW1-15-100A	WPZ-005	9451001263	WPPG-001V*
8AD2-15-010A	WPZ-001	8AW2-15-100	WPZ-004	9463623088	WPV-903*
8AE1-15-010	WPZ-015	8AW2-15-100A	WPZ-004	9471841	WV-001D
8AE2-15-010	WPZ-904	8AW3-15-100	WPZ-005	9496428	WV-003B
8AF2-15-010	WPZ-916	8AW3-15-100A	WPZ-005	9496429	WV-002
8AF3-15-010	WPZ-916	8AW3-15-100B	WPZ-005	9497290	WV-001D
8AF4-15-010	WPZ-916	8AW4-15-100	WPZ-004	95625017	WPPG-002V*
8AF4-15-010A	WPZ-916	8AW4-15-100A	WPZ-004	95650955	WPT-902
8AF9-15-010	WPZ-916	8AW5-15-100	WPZ-015	9565095580	WPT-902
8AFD-15-010	WPZ-916	8AW8-15-010	WPZ-004	95655208	WPPG-002V*
8AG1-15-010	WPZ-012	8AW8-15-100	WPZ-004	95656567	WPPG-002V*
8AG1-15-010A	WPZ-012	8AWA-15-100	WPZ-015	9565656788	WPPG-002V*
8AG1-15-010B	WPZ-012	8AWA-15-100A	WPZ-015	95666768	WPT-902
8AG2-15-010	WPZ-901	90124093	WP-4130A	9566945688	WPT-902
8AG2-15-010B	WPZ-901	90144227	WO-004	9569147388	WPS-910*
8AG2-15-010C	WPZ-901	90220568	WO-003	9608564280	WE-CI01
8AG2-15-100	WPZ-014	90234200	WO-002	9617376980	WPPG-001V*
8AG2-15-100A	WPZ-014	90272361	WO-003	96182871	WO-006
8AG2-15-100B	WPZ-901	90284802	WO-005	96230587	WO-007
8AG2-15-100C	WPZ-014	90325660	WO-004	9631169188	WPPG-003V*
8AG3-15-010	WPZ-010	90325661	WO-002	96350799	WO-001
8AG3-15-010B	WPZ-010	90341998	WPG-018	96351284	WO-002
8AG3-15-010D	WPZ-010	90392900	WO-002	96351969	WO-004
8AG4-15-010	WPZ-017	90466343	WO-011	96351971	WO-002
8AG4-15-010A	WPZ-017	91151669	WPA-002	96352648	WO-001
8AG6-15-010	WPZ-014	91201-10200	FNM-026*	96352649	WO-002
8AG6-15-010A	WPZ-014	9-13610-265-0	WPG-016	96352650	WO-006
8AG7-15-010	WPZ-010	9-13610-269-0	WPG-913*	96518977	WPO-001
8AG7-15-010A	WPZ-010	9-13610-323-0	WPG-016	96563958	WO-006
8AG8-15-010	WPZ-924	9-13610-325-0	WPG-017	96650955	WPT-902
8AG9-15-010	WZ-003	9-13610-394-0	WPG-017	96BX8591AA	WPZ-911
8AG9-15-010A	WZ-003	9-13610-417-0	WPG-016	96FX8591AA	WPZ-913
8AGA-15-010	WPZ-017	9-13610-418-0	WPG-913*	96MX8591AA	WPZ-912



# CROSS REFERENCE LIST

## OE N<sup>R</sup> TO AISIN N<sup>R</sup>

\* New Product

OE N <sup>R</sup>	AISIN N <sup>R</sup>	OE N <sup>R</sup>	AISIN N <sup>R</sup>	OE N <sup>R</sup>	AISIN N <sup>R</sup>
97031472	WPG-905	BA010-80W89	WPN-027	F7TZ8501AB	WPZ-929*
97062796	WE-OP06*	BA010-80W94	WPN-027	F801-15-010A	WPZ-010
97101320	WPG-018	BA010-D0126	WPN-033	F801-15-010B	WPZ-010
97105012	WE-OP06*	BA010-D0194	WPN-033	F801-15-010C	WPZ-010
97110387	WPG-018	BA010-E3027	WPN-013	F801-15-010D	WPZ-010
97114682	WE-OP02	BA010-G3625	WPN-066	FE79-15-010B	WPZ-012
97114683	WE-OP05*	BA010-G3626	WPN-066	FE79-15-010C	WPZ-012
97135548	WE-OP04*	BA010-G5526	WPN-030	FE79-15-010D	WPZ-012
97220278	WE-OP02	BA010-G5586	WPN-008	FE79-15-010E	WPZ-012
999107	WPN-907	BA010-G8025	WPN-030	FE79-15-010F	WPZ-012
999118	WN-077	BA010-G8125	WPN-008	FE79-15-010G	WPZ-012
9AW2-15-100	WPZ-004	BA010-H7227	WPN-029A*	FE79-15-010H	WPZ-012
A790X8591HFA	WE-FO01*	BA010-H7287	WPN-029A*	FP01-15-010F	WZ-003
A810X8591SA	WE-FO02*	BA010-H7289	WPN-029A*	FP01-15-010G	WPZ-031V*
A840X8591BCA	WE-FO03*	BA010-M6626	WPN-021	FS01-15-010F	WPZ-924
AJ03-15-010B	WPZ-932*	BA010-M6686	WPN-021	GWP193	WPH-902
AJ03-15-010D	WPZ-932*	BA010-M6689	WPN-021	GWP195	WPPG-001V*
AJ03-15-010G	WPZ-932*	BA010-N8527	WPN-042A*	GWP2513	WPT-902
AJY1-15-010	WPZ-932*	BA010-P7588	WPN-013	GWP341	WPPG-001V*
AZ01-15-010	WPS-001	BA010-P8486	WPN-072	GWP342	WPH-001
AZ01-15-011	WPS-001	BA010-P8487	WPN-072	GWP344	WPT-902
AZ01-15-012	WPS-001	BA010-R2029	WPN-901	GWP345	WPH-001
AZ01-15-013	WPS-001	BA010-R8485	WPN-072	GWP347	WPH-902
AZ12-15-010A	WPS-001	BA010-R8486	WPN-072	GY01-15-010B	WPZ-932*
AZ12-15-010B	WPS-001	BA010-R8487	WPN-072	J8130749	WPA-005*
AZ13-15-010	WPS-001	BA010-V5589	WPN-024	J8133033	WPA-005*
AZ13-15-010A	WPS-001	BA010-V5594	WPN-024	J8133034	WPA-003*
B1010-EN20B	WPN-916*	BA010-W1788	WPN-077	J8134320	WPA-005*
B1010-VB126	WPN-094*	BA010-W1789	WN-005	J8134321	WPA-003*
B301-15-010	WPZ-001	BA010-W3694	WPN-013	K590-15-010	WPZ-011
B310-15-010	WPZ-001	BSM101CR	WPW-001*	K63115100	WPZ-928*
B33G-15-010	WPZ-001	CCX23-1901	FW-4230	K631-15-100	WPZ-928*
B3C7-15-010	WPZ-001	CW756032	WPM-065V*	K710-15-010	WPZ-014
B3C7-15-010B	WPZ-001	D8RZ8501A	WE-FO01*	K710-15-140A	WPZ-014
B630-15-010	WPZ-001	E301-15-010	WPZ-006	K756-15-010	WPZ-011
B63015010A	WPZ-001	E301-15-010A	WPZ-006	L327-15-100	WPZ-926
B630-15-010A	WPZ-001	E301-15-010B	WPZ-006	LE96-15-010B	WPZ-034V*
B630-15-010D	WPZ-001	E301-15-010C	WPZ-006	LF01-15-100	WPZ-926
B660-15-010B	WPZ-003	E301-15-010D	WPZ-006	M25100-4A000	WPY-008
B660-15-010C	WPZ-003	E301-15-010F	WPZ-006	M345611	WPM-904
B660-15-010E	WPZ-003	E5B6-15-010	WPZ-006	M855991	WPM-904
B6BFE-15-010A	WPZ-903	E5B6-15-010A	WPZ-006	MC568194	FNM-001*
B6BFE-15-010B	WPZ-903	E5B6-15-010B	WPZ-006	MD001300	WP-8790
BA010-02C25	WPN-072	E7GZ8501A	WPZ-931*	MD001313	WP-8790
BA010-06E26	WPN-020	E875890	WPW-001*	MD008431	WP-3780
BA010-12G26	WPN-004	E92Z-8501A	WPZ-002	MD009000	WPM-006
BA010-16A27	WPN-078	E9BZ8501A	WPZ-931*	MD009019	WPM-006
BA010-17S27	WPN-079	EPW33	WE-FO02*	MD011149	FNM-011*
BA010-21028	WPN-032	EPW40	WPZ-913	MD011300	WP-8730
BA010-21085	WPN-032	EPW70	WE-FO03*	MD011757	WPM-010
BA010-22J25	WPN-010	EPW80	WPZ-912	MD015030	WPM-020
BA010-23028	WPN-042A*	EPW81	WPZ-911	MD021490	WP-4752A
BA010-43G25	WPN-002	EPW82	WPZ-913	MD023696	FNM-004*
BA010-50L26	WPN-062	EPW985	WE-FO01*	MD025474	WPM-054
BA010-54A26	WPN-012	F02Z-8501A	WPZ-002	MD025475	WPM-054
BA010-54A27	WPN-012	F0TZ8501D	WPZ-929*	MD030750	WP-3790A
BA010-57J01	WPN-009	F59Z8501A	WPZ-927*	MD030863	WPM-001
BA010-71E27	WPN-061	F5TZ8501C	WPZ-929*	MD034152	WPM-009
BA010-80W26	WPN-027	F7Z8501AD	WPZ-929*	MD034204	FCM-003*

# CROSS REFERENCE LIST

\* New Product

## OE N<sup>R</sup> TO AISIN N<sup>R</sup>

OE N <sup>R</sup>	AISIN N <sup>R</sup>	OE N <sup>R</sup>	AISIN N <sup>R</sup>	OE N <sup>R</sup>	AISIN N <sup>R</sup>
MD041041	WPM-004	MD974719	WPM-009	MD997436	WPM-013
MD041050	WP-4772A	MD974899	WP-7801	MD997465	WP-4772A
MD041078	FND-002*	MD974999	WPM-029	MD997485	WPM-009
MD050450	WPM-002	MD975292	WP-4752A	MD997515	WPM-013
MD050472	VM-802	MD975644	WPM-911	MD997536	WPM-007
MD060460	WPM-002	MD975913	WPM-911	MD997609	WPM-001
MD075184	WPM-011	MD976464	WPM-057	MD997610	WPM-006
MD079714	WPM-015	MD976943	WPM-057	MD997611	WPM-009
MD093608	WP-4752A	MD977025	WPM-060*	MD997612	WPM-004
MD101455	WPM-016	MD977210	WPM-005	MD997613	WPM-004
MD101916	WPM-014	MD977249	WPM-059*	MD997614	WPM-010
MD104576	FCM-002*	MD977311	WPM-911	MD997615	WPM-004
MD108270	FCM-001*	MD977503	WPM-910	MD997616	WP-4752A
MD121243	WPM-056	MD977705	WPM-059*	MD997618	WPM-002
MD129490	WPM-063V*	MD978552	WPM-911	MD997619	WPM-009
MD166048	WPM-002	MD978741	WPM-035	MD997620	WP-3711A
MD168048	WPM-002	MD978743	WPM-059*	MD997621	WPM-012
MD168050	WPM-002	MD978764	WPM-059*	MD997622	WPM-056
MD179030	WPM-003	MD979169	WPM-035	MD997623	WPM-019
MD180580	WPM-037	MD979171	WPM-910	MD997634	WPM-013
MD188340	WPM-030	MD979313	WPM-902*	MD997643	WPM-030
MD195193	WPM-028	MD979395	WPM-902*	MD997686	WPM-029
MD199527	WPM-039	MD980000	WPM-014	MD997688	WPM-005
MD300389	WPM-038	MD997033	WPM-054	MD997689	WPM-005
MD300799	WPM-045	MD997052	WPM-913*	MD997692	WPM-017
MD300802	WPM-048	MD997053	WPM-913*	MD997699	WPM-009
MD301847	WPM-002	MD997075	WP-3790A	MD998079	WPM-004
MD302010	WPM-037	MD997076	WPM-001	ME001551	WPM-043
MD306414	WPM-045	MD997077	WPM-006	ME005002	FNM-010*
MD309756	WPM-033	MD997078	WPM-009	ME005089	WM-004
MD313301	WM-901	MD997079	WPM-004	ME005131	FCM-009*
MD317677	WPM-032	MD997080	WPM-004	ME005162	FNM-007*
MD323372	WPM-055	MD997081	WPM-010	ME005181	WM-010
MD345611	WPM-904	MD997082	WP-4752A	ME005183	WM-010
MD346790	WPM-033	MD997083	WPM-054	ME005212	WPM-043
MD361311	FCM-004*	MD997084	WPM-002	ME005213	WPM-041
MD365087	WPM-055	MD997119	WPM-018	ME013169	WPM-042
MD370803	WPM-055	MD997124	WPM-015	ME013406	WPM-008
MD664616	WPM-002	MD997128	WPM-011	ME013408	WPM-008
MD971538	WPM-048	MD997147	WPM-044	ME013410	WPM-042
MD971539	WPM-046	MD997150	WPM-002	ME013864	WPM-008
MD972001	WPM-002	MD997151	WPM-002	ME013866	WPM-008
MD972002	WPM-029	MD997157	WPM-912	ME015005	WPM-020
MD972003	WPM-014	MD997158	WPM-022	ME015010	WPM-020
MD972004	WPM-013	MD997160	WPM-002	ME015020	WPM-020
MD972005	WPM-030	MD997170	WPM-002	ME015030	WPM-020
MD972006	WPM-046	MD997177	WPM-017	ME015040	WPM-008
MD972050	WPM-048	MD997178	WPM-912	ME015045	WPM-008
MD972051	WPM-058	MD997203	WPM-016	ME015050	WPM-008
MD972052	WPM-012	MD997244	WPM-014	ME015217	WPM-040
MD972053	WPM-056	MD997401	WPM-007	ME015750	FNM-005*
MD972054	WPM-046	MD997402	WPM-049	ME035139	FNM-003*
MD972440	WPM-031	MD997403	WPM-021	ME035219	FNM-008*
MD972456	WPM-003	MD997404	WPM-019	ME035245	WM-013
MD972502	WPM-909	MD997409	WPM-049	ME035246	WM-013
MD972934	WPM-038	MD997417	WPM-012	ME035247	WM-013
MD973025	WPM-059*	MD997418	WP-3711A	ME035309	FNM-009*
MD973162	WPM-035	MD997421	WPM-009	ME039861	FNM-018*
MD974649	WPM-001	MD997430	WPM-056	ME039960	FNM-019*

# CROSS REFERENCE LIST

\* New Product

## OE N<sup>R</sup> TO AISIN N<sup>R</sup>

OE N <sup>R</sup>	AISIN N <sup>R</sup>	OE N <sup>R</sup>	AISIN N <sup>R</sup>	OE N <sup>R</sup>	AISIN N <sup>R</sup>
ME039970	FNM-022*	N3A2-15-010C	WPZ-916	SL01-15-100B	WPZ-018
ME055056	FNM-016*	OFE3N-15-010	WPZ-014	SL01-15-100C	WPZ-018
ME055140	FNM-023*	OFE3N-15-010D	WPZ-014	SL01-15-100D	WPZ-018
ME055319	FNM-020*	OFE3N-15-010F	WPZ-014	SL01-15-100E	WPZ-018
ME060129	FNM-021*	OK04R-15-010	WK-003	SL01-15-100F	WPZ-018
ME065378	FNM-014*	OK04R-15-010A	WK-003	SL01-15-100G	WPZ-018
ME065700	FCM-012*	OK247-15-010	WPK-005	SL52-15-100B	WPZ-018
ME065701	FCM-010*	OK247-15-010A	WPK-005	SLE1-15-100	WPZ-004
ME065702	FCM-005*	OK247-15-010B	WPK-005	SSA43-1B001	FNM-028*
ME075005	FCM-008*	OK247-15-010C	WPK-005	SSA43-1B004	FNM-029*
ME075013	FCM-007*	OK24A-15-010	WK-001	SU00100204	WPT-902
ME075027	FNM-006*	OK30C-15-010A	WPK-003	SU00100596	WPT-917*
ME075049	WM-017	OK30E-15-010	WPK-004	SU001-00596	WPT-917*
ME075091	FNM-002*	OK65C-15-100	WPK-011*	TF04-15-100A	WPZ-015
ME075190	FNM-024*	OK710-15-010	WPZ-014	TF04-15-100B	WPZ-015
ME075202	FNM-012*	OK710-15-010A	WPZ-014	WL81-15-100A	WPZ-906
ME150690	FCM-011*	OK900-15-010	WPZ-010	X2111-AA030	WPF-002
ME200411	WPM-047	OK900-15-010A	WPZ-010	X2111-AA031	WPF-002
ME400563	FCM-006*	OK900-15-010G	WPZ-010	X2111-AA032	WPF-002
ME400564	FCM-013*	OK917-15-010	WPZ-010	X2111-AA033	WPF-002
ME886804	WM-017	OK937-15-010	WPZ-003	X2111-AA040	WPF-008
ME993473	WPM-047	P4581872	WPO-002*	X2111-AA041	WPF-008
ME993474	WPM-908	PEM119CR	WPW-001*	X2111-AA042	WPF-008
ME993475	WPM-044	PW811592N	WPM-064V*	X2111-AA080	WPF-006
ME993476	WPM-044	R1160036	WE-OP02	X2111-AA081	WPF-006
ME995286	WPM-044	R1160038	WE-OP05*	X2111-AA082	WPF-006
ME995424	WPM-040	R1160039	WE-OP04*	XM438474	FNM-027*
ME996785	WPM-043	R1160044	WPA-002	Y40115010	WPT-917*
ME996789	WPM-047	R201-15-010	WPZ-014	Y401-15-010	WPT-917*
ME996790	WPM-908	R201-15-010A	WPZ-014	Y601-15-010A	WPZ-930*
ME996792	WPM-044	R201-15-010B	WPZ-014	Y701-15-010A	WPZ-923
ME996804	WM-017	R201-15-010C	WPZ-014	YF09-15-100	WPZ-925
ME996861	WPM-008	R201-15-010E	WPZ-014	YJ01-15-100	WPG-015
ME996863	WPM-008	RF01-99-154	WPZ-014	YJ01-15-100A	WPG-015
ME996865	WPM-042	RF01-99-154A	WPZ-014	Z622-15-010	WPZ-035V*
ME996868	WPM-040	RF03-15-010	WPZ-014	ZJ01-15-010A	WPZ-921*
ME996979	WM-004	RF03-15-010B	WPZ-014	ZJ01-15-010B	WPZ-921*
ME997152	WPM-008	RF2A-15-100A	WPZ-917*	ZL01-15-010	WPZ-902
MM409303	WPM-036	RF2A-15-100B	WPZ-917*	ZL01-15-010A	WPZ-902
MN143664	WE-SM01A	RF2A-15-100C	WPZ-917*	ZZL0-15-010A	WPZ-929*
MQ906188	WPZ-002	RF95-15-010	WPZ-014	ZZM3-15-010	WPZ-915
MW30620725	WE-RE01A	RTC6395	WE-LR01	ZZM5-15-010	WPZ-929*
MW3062126	WPM-904	S1630-62300	FNR-004*	ZZM7-15-010	WPZ-927*
N232-99-153A	WPZ-009	S1630-62351	FNR-010*	ZZS0-15-010	WPS-003
N319-15-010	WPZ-916	S1630-62610	FNR-027*	ZZS0-15-010A	WPS-003
N319-15-010C	WPZ-916	SE01-15-100	WPZ-005	ZZS0-15-010B	WPS-003
N327-15-010	WPZ-916	SL01-15-100	WPZ-018	ZZSA-15-010A	WPS-005
N3A2-15-010B	WPZ-916	SL01-15-100A	WPZ-018		

# CROSS REFERENCE LIST

## OLD AISIN N<sup>R</sup> TO NEW AISIN N<sup>R</sup> - Fan Coupling

OLD AISIN N <sup>R</sup>	NEW AISIN N <sup>R</sup>	OLD AISIN N <sup>R</sup>	NEW AISIN N <sup>R</sup>	OLD AISIN N <sup>R</sup>	NEW AISIN N <sup>R</sup>
FC-3610	FCD-001	VT-861	FCT-058	VT-902	FCT-013
FC-3670	FCD-003	VT-863	FCT-061	VT-903	FCT-009
FC-3680	FCD-002	VT-874	FCT-053	VT-905	FCT-035
FC-5110	FCG-019	VT-875	FCT-047	VT-907	FCT-054
FW-9184	FCG-002	VT-876	FCT-019	VT-908	FCT-027
VD-902	FCD-002	VT-877	FCT-011	VT-909	FCT-042
VN-901	FCT-064	VT-878	FCT-012	VT-911	FCT-002
VT-802	FCT-052	VT-879	FCT-037	VT-912	FCT-022
VT-804	FCT-048	VT-881	FCT-062	VT-914	FCT-023
VT-805	FCT-019	VT-888	FCT-028	VT-915	FCT-036
VT-814	FCT-001	VT-889	FCT-031	VT-916	FCT-020
VT-815	FCT-003	VT-890	FCT-040	VT-917	FCT-010
VT-818	FCG-001	VT-891	FCT-034	VT-926	FCT-016
VT-820	FCT-044	VT-893	FCT-007	VT-928	FCT-014
VT-821	FCT-041	VT-894	FCT-050	VT-929	FCT-021
VT-823	FCT-059	VT-897	FCT-063	VT-930	FCT-008
VT-830	FCT-025	VT-898	FCT-051	VT-931	FCT-004
VT-832	FCT-045	VT-899	FCT-033	VT-932	FCT-026
VT-851	FCT-032	VT-900	FCT-055		
VT-856	FCT-057	VT-901	FCT-049		

## OLD AISIN N<sup>R</sup> TO NEW AISIN N<sup>R</sup> - Plastic Fan

OLD AISIN N <sup>R</sup>	NEW AISIN N <sup>R</sup>	OLD AISIN N <sup>R</sup>	NEW AISIN N <sup>R</sup>	OLD AISIN N <sup>R</sup>	NEW AISIN N <sup>R</sup>
F-4185	FNG-002	FW-9135	FNW-002	FW-9193	FNW-009
F-9150	FNW-003	FW-9170	FNW-004	FW-9195	FNW-010
FT-419	FNT-013	FW-9180	FNW-005	FW-9196	FNW-011
FT-542	FNT-019	FW-9183	FNW-006	FW-9256	FNG-001
FW-2860	FNW-001	FW-9185	FNW-007		
FW-6500	FNW-001	FW-9190	FNW-008		

## OLD AISIN N<sup>R</sup> TO NEW AISIN N<sup>R</sup> - Water Pumps

OLD AISIN N <sup>R</sup>	NEW AISIN N <sup>R</sup>	OLD AISIN N <sup>R</sup>	NEW AISIN N <sup>R</sup>	OLD AISIN N <sup>R</sup>	NEW AISIN N <sup>R</sup>
WG-009	WPG-910	WPH-904	WPH-020	WPT-910A	WPD-036
WH-020	WPH-042	WPH-906	WPH-800	WPT-911	WPT-129
WM-018	WPM-059	WPK-009	WPK-005	WPT-912	WPT-912A
WN-068	WPZ-002	WPN-029	WPN-029A	WPY-012	WPY-002
WP-1310A	WPS-004	WPN-042	WPN-042A	WPZ-908	WPZ-017
WP-4765A	WPM-909	WPN-054	WPN-054A	WPZ-920	WPZ-001
WP-5110	WPG-912	WPN-082	WPN-082A	WT-014	WPT-916
WP-6920	WPW-001	WPS-027	WPS-032	WT-049	WPT-124
WP-7110	WPT-508	WPS-031	WPS-035	WT-069	WPT-065
WP-7116	WPT-511	WPT-001	WPT-001A	WT-110	WPT-921
WP-7128	WPT-508	WPT-004	WPT-126	WT-150	WPT-918
WP-7129	WPT-510	WPT-044	WPT-127	WT-155	WPT-150
WP-7770	WPM-037	WPT-104	WPT-110	WT-164	WPT-125
WP-7801	WPM-057	WPT-133	WPT-111	WT-527	WPT-113
WP-8150	WPT-509	WPT-512	WPT-504	WT-603	WPT-084
WPG-021	WPG-001	WPT-909	WPT-106	WT-621	WPT-120
WPH-011	WPH-011A	WPT-909A	WPT-106	WY-003	WPY-021

# CROSS REFERENCE LIST

## AIRTEX N<sup>R</sup> TO AISIN N<sup>R</sup>

AIRTEX N <sup>R</sup>	AISIN N <sup>R</sup>	AIRTEX N <sup>R</sup>	AISIN N <sup>R</sup>	AIRTEX N <sup>R</sup>	AISIN N <sup>R</sup>
1042	WPZ-007	1368	WPH-008	1593	WV-003B
1094	WE-FI02	1382	WPH-010	1593	WV-007
1097-L	WPH-001	1382	WPH-014	1594	WE-OP04
1111	WE-FO01	1382	WPH-026	1594	WO-011
1111	WE-FO03	1388	WO-002	1594	WPZ-913
1111	WPO-007	1388	WO-003	1595	WE-OP07
1111	WPZ-913	1391	WE-OP06	1595	WPA-002
1151	WE-FO01	1391	WO-004	1595	WPA-004
1151	WE-FO03	1391	WO-011	1595	WPS-909
1151	WPZ-931	1391	WPG-018	1624	WPH-901
1163	WE-OP03	1391	WPG-905	1625	WPH-015
1163	WE-OP07	1395	WE-OP08	1631	WO-002
1163	WO-004	1401	WPN-003	1631	WPPG-003V
1163	WO-005	1401	WPN-020	1632	WE-OP07
1163	WV-007	1401	WPN-025	1632	WO-001
1164	WE-FO02	1401	WPN-025	1632	WO-004
1164	WO-002	1401	WPN-031	1632	WO-004
1164-C	WO-002	1401	WPN-035	1633	WO-002
1164-C	WO-003	1401	WPN-912	1633	WPPG-001V
1164-C	WO-004	1403	WPN-035	1646	WPS-001
1164-C	WPG-018	1405	WPN-008	1646	WPS-006
1167	WO-002	1405	WPN-030	1657	WE-RE01A
1170	WPD-015	1419	WE-CI01	1657	WE-RE02A
1171	WPT-132	1419	WPS-910	1657	WPN-033
1180	WV-007	1447	WE-OP07	1659	WPG-908
1189	WPN-901	1447	WO-002	1659	WPZ-034V
1195	WE-RE01A	1447	WO-011	1659	WPZ-926
1195	WPM-904	1460	WPH-001	1668	WE-FI04
1195	WPY-008	1460	WPH-040	1668	WE-RE01A
1195	WPZ-930	1463	WPZ-014	1668	WPM-904
1205-1	WPZ-928	1465	WV-001D	1668	WPN-913
1212	WPH-902	1465	WV-002	1668	WPZ-002
1212	WPT-902	1465	WV-005	1672	WPN-909
1212	WV-005	1465	WV-007	1673	WPS-002
1217	WE-FI01	1515	WPN-063	1673	WPT-902
1229	WE-FO02	1515	WPN-081	1673	WPT-917
1229	WPZ-913	1516	WPN-010	1673	WPV-903
1241	WPA-002	1516	WPN-013	1673	WPZ-926
1247	WPZ-930	1516	WPN-032	1673	WPZ-930
1247	WV-003B	1516	WPN-080	1678	WPPG-003V
1247	WV-007	1537	WPN-042A	1678	WPT-917
1291	WPN-013	1550	WE-OP04	1678	WV-001D
1291	WPN-042A	1550	WE-OP05	1679	WE-CI01
1291	WPN-064	1550	WPG-018	1679	WO-007
1291	WPN-073	1550	WPM-064V	1679	WPT-917
1291	WPN-078	1551	WE-OP06	1680	WE-RE02A
1291	WPN-079	1551	WPG-018	1681	WPN-091
1293	WPN-021	1552	WE-OP02	1681	WPN-092
1304	WPH-021	1552	WE-OP05	1681	WPN-910
1304	WPH-024	1562	WE-FO02	1682	WZ-004
1359	WPPG-002V	1562	WO-009	1683	WPV-901
1359	WPT-902	1562	WPZ-911	1683	WV-001D
1359	WV-001D	1562	WPZ-912	1686	WE-RE01A
1361	WPH-001	1562	WPZ-913	1686	WE-RE02A
1361	WPPG-001V	1567	WPN-063	1686	WPN-913
1361	WPPG-002V	1579	WPT-902	1690	WPG-001
1361	WPT-902	1580	WPT-902	1690	WPPG-001V
1368	WPH-002	1586	WPS-024	1693	WPN-093
1368	WPH-006	1586	WPT-902	1693	WPN-913
		1586	WPZ-912	1701	WPH-053V

# CROSS REFERENCE LIST

## AIRTEX N<sup>R</sup> TO AISIN N<sup>R</sup>

AIRTEX N <sup>R</sup>	AISIN N <sup>R</sup>	AIRTEX N <sup>R</sup>	AISIN N <sup>R</sup>	AIRTEX N <sup>R</sup>	AISIN N <sup>R</sup>
1702	WE-OP07	4068	WPZ-001	7164	WE-FO02
1702	WPA-002	4068	WPZ-003	9020	WZ-004
1702	WPS-909	4078	WPZ-012	9025	WPF-007
1712	WPH-035	4078	WPZ-924	9025	WPF-012
1712	WPH-052V	4078	WZ-003	9026	WPN-008
1712	WPH-910	4091	WPH-902	9026	WPN-021
1712	WPH-912	4091	WPZ-932	9026	WPN-029A
1714	WV-001D	4095	WPZ-929	9029	WPH-017
1716	WPN-059	4104	WE-FO03	9029	WPH-021
1723	WE-OP07	4104	WO-009	9029	WPH-022
1723	WE-OP08	4104	WPW-001	9031	WPN-010
1723	WO-002	4104	WPZ-911	9031	WPN-027
1723	WPO-005	4104	WPZ-912	9031	WPN-066
1723	WPS-908	4104	WPZ-913	9035	WPH-017
1723	WV-003B	4108	WPZ-929	9035	WPH-021
1727	WPK-005	4132	WPZ-932	9043N	WPH-010
1727	WPK-007	5029	WPS-004	9043N	WPH-021
1729	WPN-093	5049	WPK-002	9043N	WPH-024
1729	WPN-909	5058	WPS-004	9043N	WPH-800
1729	WPN-916	7108	WPM-001	9050	WPZ-006
1730	WPH-910	7108	WPM-002	9050	WPZ-931
1736	WPK-003	7108	WPM-006	9056	WPH-012
1739	WPN-904	7108	WPM-017	9056	WPH-017
1746	WE-RE02A	7114	WPM-009	9057	WT-122
1746	WE-RE03A	7114	WPM-046	9058	WPN-019
1752	WE-SM01A	7114	WPM-048	9060	WPZ-010
1754	WPN-013	7115	WP-3790A	9060	WPZ-012
1754	WPN-097V	7115	WPM-007	9063	WPN-013
1756	WPH-004	7115	WPM-035	9063	WPN-019
1795	WPZ-910	7117	WPM-002	9063	WPN-024
1799	WPG-018	7117	WPM-022	9067	WPZ-012
1840	WPY-029	7117	WPM-054	9067	WPZ-014
1840	WY-006	7117	WPM-063V	9067	WPZ-901
1846	WPM-902	7118	WP-8730	9076	WPT-090
2039	WPT-917	7118	WPM-004	9080	WPF-003
3401	WPZ-932	7120	WPM-002	9080	WPF-007
3403	WPA-003	7120	WPM-010	9083	WPH-003
3403	WPA-005	7120	WPM-017	9083	WPH-013
3404	WPA-005	7120	WPM-029	9097	WPH-001
3412	WPA-007	7120	WPM-044	9097	WPH-008
4005	WPM-065V	7120	WPM-912	9104	WPN-004
4039	WPZ-929	7121	WPM-009	9104	WPN-020
4049	WPK-005	7121	WPM-013	9104	WPN-052
4049	WPZ-001	7121	WPM-014	9110	WPN-037
4049	WPZ-002	7121	WPM-019	9110	WPN-064
4049	WPZ-006	7121	WPM-029	9111	WPZ-012
4049	WPZ-929	7129	WPM-013	9129	WPH-037
4049	WZ-008	7131	WPM-012	9129	WPH-038
4053	WE-FO01	7135	WPM-002	9161	WPF-003
4053	WPK-011	7135	WPM-037	9161	WPF-011
4053	WPW-001	7135	WPM-038	9162	WPN-067
4053	WPZ-002	7136	WPN-913	9162	WPN-914
4053	WPZ-012	7148	WPM-046	9166	WPZ-905
4053	WPZ-017	7150	WP-3711A	9167	WPZ-924
4053	WPZ-901	7150	WPM-012	9167	WZ-014
4060	WPZ-002	7152	WPM-035	9168	WPM-009
4060	WPZ-902	7152	WPM-038	9201	WPN-016
4060	WPZ-915	7152	WPM-059	9208	WPZ-916
4060	WPZ-927	7152	WPM-910	9209	WH-016

# CROSS REFERENCE LIST

## AIRTEX N<sup>R</sup> TO AISIN N<sup>R</sup>

AIRTEX N <sup>R</sup>	AISIN N <sup>R</sup>	AIRTEX N <sup>R</sup>	AISIN N <sup>R</sup>	AIRTEX N <sup>R</sup>	AISIN N <sup>R</sup>
9209	WPH-001	9250	WPH-006	9352	WPH-011A
9209	WPH-006	9251	WPH-018	9354	WPH-033
9209	WPH-012	9251	WPH-020	9359	WPM-032
9209	WPPG-001V	9253	WPH-002	9359	WPM-055
9209	WPT-902	9253	WPH-004	9360	WPM-045
9212	WPM-049	9259	WPZ-015	9360	WPM-904
9212	WPM-058	9268	WPN-055	9371	WPZ-902
9213	WN-076	9270	WPN-060	9377	WE-VW01
9213	WPN-014	9273	WPH-020	9382	WV-003B
9213	WPN-068	9284	WE-RE03A	9383	WPH-800
9214	WPN-001	9288	WPH-007	9390	WPZ-014
9214	WPN-053	9289	WPH-001	9394	WPZ-905
9214	WPN-059	9289	WPH-019	9394	WPZ-910
9214	WPN-061	9304	WPN-083	9399	WPM-057
9214	WPN-075	9305	WPZ-003	9399	WPM-911
9215	WPF-006	9305	WPZ-903	9402	WPN-005
9218	WPH-007	9305	WPZ-931	9419	WPH-051V
9218	WPH-043	9309	WPN-070	9427	WPN-092
9220	WPG-018	9310	WPM-046	9460	WPM-059
9223	WPF-002	9321	WPH-046	9460	WPM-911
9224	WPH-005	9328	WPZ-909	9470	WPH-045
9224	WPH-034	9338	WPN-040	9470	WPH-053
9239	WPN-082A	9338	WPN-085	9486	WPF-001
9250	WPH-002	9352	WPH-001		

# CROSS REFERENCE LIST

## GMB N<sup>R</sup> TO AISIN N<sup>R</sup>

GMB N <sup>R</sup>	AISIN N <sup>R</sup>	GMB N <sup>R</sup>	AISIN N <sup>R</sup>	GMB N <sup>R</sup>	AISIN N <sup>R</sup>
GWAM-03A	WPA-005	GWHO-05A	WPH-028	GWIS-25A	WPG-001
GWAM-05A	WPA-003	GWHO-05A	WPH-911	GWIS-26A	WPG-902
GWAM-06A	WPA-004	GWHO-06A	WPH-022	GWIS-28A	WPG-014
GWAM-08A	WPA-006	GWHO-07A	WPH-021	GWIS-29A	WG-008
GWAM-09A	WPA-007	GWHO-08A	WPH-017	GWIS-30A	WPG-020
GWD-13A	WPT-054	GWHO-10A	WPH-022	GWIS-31A	WPG-001
GWD-14A	WPD-902	GWHO-11A	WPH-024	GWIS-31A	WPG-909
GWD-15A	WPD-015	GWHO-12AP	WPH-028	GWIS-33A	WPG-905
GWD-17A	WPD-009	GWHO-13AP	WH-008	GWIS-34A	WP-5100
GWD-24A	WT-135	GWHO-14AP	WPH-027	GWIS-35A	WPG-002
GWD-25A*	WPD-010	GWHO-15AP	WPH-029	GWIS-36A	WPG-003
GWD-26A	WPD-014	GWHO-16AP	WPH-025	GWIS-37A	WPG-005
GWD-27A	WPD-007	GWHO-18A	WPH-026	GWIS-38A	WPH-011A
GWD-28A	WPD-903	GWHO-21A	WPH-012	GWIS-39A	WPH-002
GWD-29A	WPD-002	GWHO-22A	WPH-014	GWIS-40A	WPH-006
GWD-30A	WPD-005	GWHO-23A	WPH-003	GWIS-41A	WPN-056
GWD-31A	WPD-006	GWHO-24A	WPH-013	GWIS-42A	WPG-015
GWD-32A	WD-002	GWHO-25A	WPH-008	GWIS-43A	WPG-017
GWD-32A	WPD-905	GWHO-26A	WPH-002	GWIS-44A	WPG-912
GWD-33A	WPD-011	GWHO-27A	WPH-005	GWIS-45A	WPG-021
GWD-34A	WPD-013	GWHO-28A	WH-016	GWKR-100A	WP-3711A
GWD-35A	WPD-021	GWHO-28A	WPH-001	GWKR-100A	WPM-056
GWD-36A	WPD-001	GWHO-28A	WPH-008	GWKR-101A	WPy-018
GWD-37A	WPD-003	GWHO-29A	WPH-016	GWKR-102A	WY-006
GWD-38A	WPD-004	GWHO-30A	WPH-023	GWKR-103A	WY-006
GWD-39A	WPD-008	GWHO-31A	WPH-037	GWKR-104A	WPy-016
GWD-40A*	WPD-023	GWHO-32A	WPH-006	GWKR-105A	WPy-005
GWD-40AH	WPD-023	GWHO-33A	WPH-020	GWKR-106A	WPM-001
GWD-41A*	WPD-035	GWHO-34A	WPH-018	GWKR-107A	WY-004
GWD-41AH	WPD-035	GWHO-35A	WPH-007	GWKR-108A	WPy-007
GWD-42A	WPD-023	GWHO-36A	WPH-036	GWKR-109A	WPy-008
GWD-42A*	WPD-023	GWHO-37A	WPH-010	GWKR-110A	WPU-002V
GWD-43A	WPD-030	GWHO-39A	WPH-011A	GWKR-111A	WY-007
GWD-43A*	WPD-030	GWHO-40A	WPH-901	GWKR-112A	WPy-015
GWD-45A	WPD-042V	GWHO-41A	WPH-033	GWKR-117A	WPy-021
GWF-10A	WE-FO01	GWHO-42A	WPH-032	GWKR-120A	WPM-010
GWF-40A	WE-FO02	GWHO-43A	WPH-026	GWKR-121A	WPM-010
GWF-64A	WPZ-002	GWHO-44A	WPH-004	GWKR-122A	WPy-003
GWF-65A	WE-FO03	GWHO-45A	WPH-041	GWKR-123A	WPM-002
GWF-84A	WPZ-915	GWHO-46A	WPH-015	GWKR-124A	WP-8790
GWF-85A	WPZ-927	GWHO-47A	WPH-043	GWKR-201A	WK-001
GWF-89A	WPZ-913	GWHO-48A	WPH-044	GWKR-202A	WPZ-928
GWFI-01A*	WE-FI04	GWHO-48A	WPH-051V	GWKR-208A	WPZ-010
GWFI-03A	WE-FI01	GWHO-49A	WPH-046	GWKR-210A	WPZ-014
GWFI-07A	WE-FI02	GWHO-50A	WPH-910	GWKR-216F	WPy-031
GWFI-10AH	WE-FI03	GWHO-51A	WPH-909	GWKR-300A	WPO-001
GWG-46A	WO-002	GWHO-52A	WPH-912	GWKR-303A	WO-002
GWG-46A	WO-004	GWHO-53A	WPH-045	GWKR-306A	WO-007
GWG-87A	WO-002	GWHO-54A	WPH-908	GWKR-307A	WO-006
GWG-90A	WO-001	GWHO-56A	WPH-034	GWKR-308A	WO-003
GWG-91A	WO-007	GWIS-10A	WPG-016	GWKR-309A	WO-004
GWG-92A	WO-006	GWIS-15A	WG-005	GWKR-310A	WO-002
GWHO-58A	WPH-053V	GWIS-15A	WG-012	GWKR-311A	WO-002
GWHO-01AP	WH-008	GWIS-16A	WPG-006	GWKR-313A	WO-001
GWHO-02A	WPH-026	GWIS-17A	WG-012	GWM-01A	WP-8790
GWHO-02A	WPH-029	GWIS-19A	WPG-910	GWM-02A	WP-8730
GWHO-03A	WH-008	GWIS-20A	WPG-004	GWM-12A	WPM-006
GWHO-03A	WPH-029	GWIS-22A	WPG-901	GWM-13A	WP-4752A
GWHO-04A	WPH-029	GWIS-23A	WG-001	GWM-15A	WP-3780



# CROSS REFERENCE LIST

## GMB N<sup>R</sup> TO AISIN N<sup>R</sup>

GMB N <sup>R</sup>	AISIN N <sup>R</sup>	GMB N <sup>R</sup>	AISIN N <sup>R</sup>	GMB N <sup>R</sup>	AISIN N <sup>R</sup>
GWM-16A	WP-3790A	GWMZ-01A	WZ-005	GWN-23AF	WPN-027
GWM-17A	WPM-001	GWMZ-02A	WZ-005	GWN-24A	WPN-003
GWM-19A	WPM-009	GWMZ-03A	WZ-004	GWN-26A	WPN-037
GWM-20A	WPM-020	GWMZ-10A	WPZ-007	GWN-26A	WPN-078
GWM-23A	WPM-004	GWMZ-13A*	WPZ-928	GWN-28A	WPN-019
GWM-23A	WPM-058	GWMZ-18A*	WPZ-009	GWN-29A	WPN-035
GWM-24A	WP-4772A	GWMZ-21A*	WPZ-006	GWN-30A	WPN-007
GWM-26A	WPM-054	GWMZ-22A	WPZ-005	GWN-31A	WPN-024
GWM-27A	WPM-010	GWMZ-25A	WPZ-010	GWN-32A	WPN-005
GWM-32A	WPM-002	GWMZ-28A	WPZ-011	GWN-32A	WPN-023
GWM-33A	WPM-008	GWMZ-29A	WPZ-012	GWN-35A	WPN-020
GWM-33A	WPM-020	GWMZ-30A	WPZ-014	GWN-36A	WPN-011
GWM-35A	WPM-015	GWMZ-30A*	WPZ-014	GWN-37A	WPN-039
GWM-37A	WP-4752A	GWMZ-31A	WPZ-001	GWN-38A	WPN-034
GWM-37A	WPM-022	GWMZ-32A	WPZ-002	GWN-38A	WPN-076
GWM-37A	WPM-912	GWMZ-32A	WPZ-012	GWN-39A	WPN-058
GWM-38A	WPM-018	GWMZ-35A	WPZ-003	GWN-40A	WPN-059
GWM-39A	WPM-002	GWMZ-36A	WPZ-905	GWN-41A	WPN-004
GWM-40A*	WPM-013	GWMZ-38A	WZ-014	GWN-42A	WPN-001
GWM-40A*	WPM-014	GWMZ-39A	WPZ-902	GWN-43A	WPN-067
GWM-42A	WPM-063V	GWMZ-39A	WPZ-903	GWN-44A	WPN-063
GWM-43A	WPM-049	GWMZ-40A*	WPZ-004	GWN-45A	WPN-038
GWM-44A	WPM-012	GWMZ-40A*	WPZ-018	GWN-46AF	WPN-002
GWM-45A	WPM-056	GWMZ-41A	WZ-003	GWN-47AF	WPN-006
GWM-46A	WPM-009	GWMZ-42A	WPZ-904	GWN-48A	WPN-014
GWM-47A	WPM-003	GWMZ-43A	WPZ-909	GWN-49A	WPN-031
GWM-47A	WPM-045	GWMZ-44A	WPZ-915	GWN-49A	WPN-912
GWM-48A	WPM-048	GWMZ-45A	WPZ-927	GWN-50A	WPN-060
GWM-50A	WPM-030	GWMZ-46A	WPN-009	GWN-51A	WPN-070
GWM-51A	WPM-059	GWMZ-47A	WPZ-929	GWN-51A	WPN-081
GWM-52A	WPM-029	GWMZ-48A	WPZ-910	GWN-52A	WPN-009
GWM-53A	WP-3711A	GWMZ-49A	WPZ-906	GWN-53A	WPN-026
GWM-54A	WPM-055	GWMZ-50A	WPZ-017	GWN-54A	WPN-056
GWM-55A	WPM-037	GWMZ-51A	WPZ-016	GWN-55A	WPN-012
GWM-56A	WPM-046	GWMZ-51A	WZ-008	GWN-56A	WPN-030
GWM-57A	WPM-047	GWMZ-52A	WPZ-015	GWN-57A	WPN-008
GWM-58A	WM-901	GWMZ-53A	WPZ-029V	GWN-59A	WPN-052
GWM-59A	WPM-033	GWMZ-54A*	WPZ-932	GWN-60A	WPN-025
GWM-60A	WPM-031	GWMZ-57A	WPZ-035V	GWN-61A	WPN-085
GWM-61A	WPM-038	GWMZ-69A	WPZ-031V	GWN-62A	WN-076
GWM-63A	WPM-007	GWN-19A	WN-043	GWN-63A	WPN-018
GWM-64A	WPM-005	GWN-01A	WPN-036	GWN-64A	WPN-087
GWM-65A	WPM-040	GWN-02A	WPN-021	GWN-65AF	WPN-054A
GWM-66A	WPM-032	GWN-03A	WPN-032	GWN-66A	WPG-015
GWM-67A	WPM-044	GWN-05A	WPN-013	GWN-67A	WPN-071
GWM-68A	WPM-042	GWN-05A	WPN-079	GWN-68A	WPN-010
GWM-69A	WPM-017	GWN-05A	WPN-088	GWN-69A	WPN-057
GWM-70A	WP-7801	GWN-06A	WPN-007	GWN-70A	WPN-005
GWM-71A	WPM-039	GWN-06A	WPN-022	GWN-72A	WPN-015
GWM-72A	WPM-028	GWN-06A	WPN-047	GWN-73A	WPN-091
GWM-73A	WPM-060	GWN-10A	WPN-043	GWN-75A	WPN-084
GWM-74A*	WPM-013	GWN-11A	WPN-029A	GWN-76A	WPN-909
GWM-74A*	WPM-014	GWN-12AF	WPN-042A	GWN-78A	WPN-040
GWM-77A	WPM-001	GWN-12AF	WPN-049	GWN-79A	WPN-068
GWM-78A	WPM-902	GWN-13AF	WPN-021	GWO-10A	WO-003
GWM-79A*	WPM-910	GWN-18A	WPN-902	GWO-13A	WO-002
GWM-80A	WPM-057	GWN-19A	WN-043	GWO-13A	WO-004
GWM-81A	WPM-911	GWN-20A	WPN-033	GWR-12A	WPM-904
GWM-84A	WPM-064V	GWN-21A	WPN-041	GWS-02A	WPS-008

# CROSS REFERENCE LIST

## GMB N<sup>R</sup> TO AISIN N<sup>R</sup>

GMB N <sup>R</sup>	AISIN N <sup>R</sup>	GMB N <sup>R</sup>	AISIN N <sup>R</sup>	GMB N <sup>R</sup>	AISIN N <sup>R</sup>
GWS-03A	WPS-002	GWT-115A	WPT-001A	GWT-41A	WPT-017
GWS-08A	WPS-004	GWT-116A	WPT-113	GWT-42A	WPT-067
GWS-10A	WS-002	GWT-116AH	WPT-109	GWT-43A	WPT-066
GWS-11A	WPS-002	GWT-117A	WPT-006	GWT-43A	WPT-090
GWS-12A	WPS-004	GWT-117A*	WPT-011	GWT-43A*	WPT-066
GWS-13A	WO-012	GWT-118A	WPT-124	GWT-44A	WPT-084
GWS-13A	WPS-001	GWT-118AH	WPT-121	GWT-45A	WPT-087
GWS-14A	WPS-005	GWT-119A	WPT-129	GWT-46A	WPT-086
GWS-15A	WPS-007	GWT-120A	WPT-038	GWT-47A	WPT-073
GWS-16A	WPS-006	GWT-120AH	WPT-110	GWT-48A	WPT-058
GWS-17A	WPS-009	GWT-121A	WPT-082	GWT-49A	WPT-072
GWS-19A	WPS-001	GWT-121A*	WPT-082	GWT-49A	WT-520
GWS-20A	WPS-901	GWT-122A	WPT-901	GWT-49A*	WPT-072
GWS-21A	WPS-001	GWT-122A*	WPT-127	GWT-50A	WPT-021
GWS-21A	WPS-003	GWT-123A	WPT-120	GWT-51A	WPT-916
GWS-23A	WPS-033	GWT-124A	WPT-913	GWT-52A	WPT-075
GWS-24A	WPS-016	GWT-126A	WT-112	GWT-53A	WPT-097
GWS-25A	WPS-021	GWT-128A*	WPT-507	GWT-53A*	WPT-097
GWS-26A	WPS-022	GWT-129A	WPT-050	GWT-53A*	WT-108
GWS-26A	WPS-024	GWT-12A	WPT-077	GWT-54A	WPT-016
GWS-30A	WPS-004	GWT-131A	WPT-044	GWT-55A	WPT-017
GWS-34A	WPS-907	GWT-132A	WPT-122	GWT-55A	WPT-065
GWS-36A*	WPS-902	GWT-133A	WPT-106	GWT-55A	WPT-110
GWSU-01A	WF-012	GWT-14A	WT-050	GWT-55A	WT-073
GWSU-03A	WPF-005	GWT-15A	WPT-084	GWT-55A	WT-146
GWSU-04A	WPF-012	GWT-15A	WT-048	GWT-57A	WPT-004
GWSU-11A	WPF-011	GWT-15A	WT-051	GWT-58A	WPT-008
GWSU-12A	WPF-002	GWT-19A	WT-092	GWT-58A	WPT-107
GWSU-13A	WPF-003	GWT-21A	WT-615	GWT-58A*	WPT-008
GWSU-14A	WPF-007	GWT-21A*	WPT-124	GWT-58A*	WPT-022
GWSU-15A	WPF-006	GWT-21A*	WT-615	GWT-59A	WPT-026
GWSU-16A	WPF-008	GWT-22A	WPT-020	GWT-60A	WPT-024
GWSU-17A	WPF-001	GWT-23A	WPT-017	GWT-61A	WPT-013
GWSU-18A	WPF-004	GWT-24A	WPT-036	GWT-62A	WPT-052
GWSU-20A	WPF-022	GWT-25A	WT-028	GWT-62A*	WPT-052
GWT-01A	WPT-085	GWT-26AF	WPT-049	GWT-63A	WPT-055
GWT-02A	WT-020	GWT-26AF*	WPT-084	GWT-63A*	WPT-055
GWT-03A	WT-021	GWT-26AF*	WPT-097	GWT-64A	WPT-007
GWT-04A	WPT-084	GWT-26AF*	WT-025	GWT-65A	WPT-051
GWT-05A	WT-029	GWT-26AF*	WT-027	GWT-65A*	WPT-051
GWT-06A	WT-126	GWT-26AF*	WT-032	GWT-66A	WPT-035
GWT-08A	WT-090	GWT-26AF*	WT-033	GWT-67A	WPT-060
GWT-100A	WPT-117	GWT-26AF*	WT-034	GWT-67A*	WPT-056
GWT-101A	WPT-111	GWT-26AF*	WT-041	GWT-67A*	WPT-060
GWT-102A	WPD-036	GWT-27A	WPT-064	GWT-68A	WPT-050
GWT-103A	WPT-048	GWT-27AFH	WPT-064	GWT-68A	WPT-107
GWT-104A	WPT-501	GWT-27AFH	WPT-069	GWT-68A*	WPT-107
GWT-105A	WPN-7180	GWT-27AFH	WT-038	GWT-70A	WPT-045
GWT-106A	WPT-099	GWT-27AFH	WT-043	GWT-71A	WPT-002
GWT-107A	WPT-056	GWT-28A	WPT-084	GWT-72A	WPT-071
GWT-107A	WPT-901	GWT-30A	WPT-031	GWT-72A*	WPT-071
GWT-108A	WPT-074	GWT-31A	WPT-049	GWT-73A	WPT-029
GWT-109A	WPT-019	GWT-31AF	WPT-049	GWT-73A*	WPT-029
GWT-10A	WPT-079	GWT-32A	WT-511	GWT-73A*	WPT-150
GWT-110A	WPT-047	GWT-34A	WT-510	GWT-74A	WPT-061
GWT-111A	WPT-009	GWT-35A	WPT-049	GWT-75A	WPT-037
GWT-112A	WPT-080	GWT-35AF	WPT-049	GWT-76A	WPN-7113
GWT-113A	WPT-034	GWT-36A	WPT-084	GWT-77A	WPT-010
GWT-114A	WPT-016	GWT-38A*	WPT-066	GWT-77A*	WPT-056

# CROSS REFERENCE LIST

## GMB N<sup>R</sup> TO AISIN N<sup>R</sup>

GMB N <sup>R</sup>	AISIN N <sup>R</sup>	GMB N <sup>R</sup>	AISIN N <sup>R</sup>	GMB N <sup>R</sup>	AISIN N <sup>R</sup>
GWT-77A*	WPT-105	GWT-83A	WPT-108	GWT-91A	WPT-015
GWT-77A*	WPTK-010	GWT-83AH	WPT-018	GWT-92A	WPT-057
GWT-78A	WPT-003	GWT-83AH	WPT-108	GWT-93A	WPT-107
GWT-78A	WPT-090	GWT-84A	WPT-027	GWT-93A*	WPT-011
GWT-78A*	WPT-003	GWT-85A	WPT-012	GWT-94A	WPT-004
GWT-78A*	WPT-046	GWT-86A	WPT-078	GWT-94A	WPT-096
GWT-79A	WPT-001A	GWT-86A*	WPT-033	GWT-94A	WPT-126
GWT-80A	WPT-098	GWT-87A	WPT-014	GWT-96A	WPT-044
GWT-80A	WT-037	GWT-87A*	WPT-014	GWT-97A	WPT-100
GWT-81A	WPT-030	GWT-88A	WPT-063	GWT-98A	WPT-106
GWT-82A	WPT-025	GWT-88A*	WPT-063	GWT-99A	WPT-023
GWT-82A	WPT-068	GWT-89A	WPT-028	GWVO-04A	WV-007
GWT-83A	WPT-018	GWT-90A	WPT-032	GWVO-07A	WV-003B

# CROSS REFERENCE LIST

## GP N<sup>R</sup> TO AISIN N<sup>R</sup>

GP N <sup>R</sup>	AISIN N <sup>R</sup>	GP N <sup>R</sup>	AISIN N <sup>R</sup>	GP N <sup>R</sup>	AISIN N <sup>R</sup>
PA 005	WE-FI03	PA 1076	WPT-106	PA 1203	WPN-054A
PA 016	WE-FI01	PA 1080	WH-020	PA 1204	WPN-006
PA 021	WE-FI02	PA 1081	WPT-006	PA 1205	WPN-065
PA 022	WE-FI04	PA 1082	WPH-036	PA 1206	WPN-082A
PA 096/1	WN-014	PA 1088	WPY-020	PA 1207	WPN-042A
PA 1001S	WPT-919	PA 1088	WY-007	PA 1208	WPN-066
PA 1002	WPT-004	PA 1089	WPH-901	PA 1213	WPT-913
PA 1002	WPT-126	PA 1094	WE-RE02A	PA 1221	WPPG-003V
PA 1002	WPT-904	PA 1096	WPG-912	PA 1222	WPN-913
PA 1003	WPZ-017	PA 110	WPN-003	PA 1223	WPN-072
PA 1005	WPZ-923	PA 1109	WPH-044	PA 1227	WPN-904
PA 1007	WPZ-925	PA 111	WPN-024	PA 1229	WPS-907
PA 1009	WPS-902	PA 1110	WPH-912	PA 1231	WPS-908
PA 101	WPN-036	PA 1111	WPT-129	PA 1233	WE-OP08
PA 1010	WPS-901	PA 1112	WY-006	PA 1245	WPT-157
PA 1012	WPZ-917	PA 1113	WY-005	PA 1250	WPV-902
PA 1013	WPZ-906	PA 1114	WPY-016	PA 1251	WPV-901
PA 1014	WPT-001A	PA 1115	WPK-002	PA 1261	WPZ-930
PA 1015	WPH-007	PA 1116	WPK-003	PA 1264	WPT-902
PA 1017	WPM-040	PA 1117	WPK-004	PA 1269	WE-RE03A
PA 1018	WPG-015	PA 1118	WO-007	PA 1284	WE-OP07
PA 1019	WPZ-015	PA 1120	WPK-001	PA 1297	WPD-026
PA 1021	WN-077	PA 1122	WPM-044	PA 1298	WPH-043
PA 1022	WPN-087	PA 1125	WPS-003	PA 1299	WPT-064
PA 1023	WPN-907	PA 1131	WPN-055	PA 1300	WPY-024
PA 1029	WPH-008	PA 1131	WPZ-009	PA 1302	WPT-120
PA 1030	WV-005	PA 1134	WZ-003	PA 1310	WPY-007
PA 1041	WY-004	PA 1135	WPS-904	PA 1311	WPZ-921
PA 1042	WPM-055	PA 1136	WPM-032	PA 1313	WPT-118
PA 1043	WPN-056	PA 1137	WPS-033	PA 1314	WPT-912A
PA 1045	WD-002	PA 1138	WPM-035	PA 1316	WPN-905
PA 1046	WPD-011	PA 1140	WK-002	PA 138	WPN-033
PA 1051	WPS-910	PA 1141	WM-901	PA 145	WE-FO01
PA 1052S	WPT-014	PA 1143	WPN-025	PA 149	WZ-004
PA 1053	WPT-027	PA 1145	WPD-008	PA 204	WPF-012
PA 1053	WPT-125	PA 1146	WPD-004	PA 208	WO-005
PA 1054	WPT-009	PA 1149	WPS-016	PA 212	WPF-005
PA 1055	WE-VW01	PA 115	WPD-015	PA 213	WPZ-010
PA 1057	WPK-005	PA 1150	WPT-043	PA 214	WPZ-012
PA 1058	WPZ-016	PA 1152	WE-RE01A	PA 241	WE-FO02
PA 1059	WPN-083	PA 1153	WPN-071	PA 342	WE-OP03
PA 1060S	WPT-033	PA 1153	WPN-073	PA 344	WPG-001
PA 1062	WPD-904	PA 1154	WPN-053	PA 352	WO-004
PA 1062	WPT-117	PA 1155	WPN-075	PA 355	WPN-067
PA 1063	WPT-111	PA 1156	WPF-001	PA 357	WPN-068
PA 1064	WPY-021	PA 1157	WPN-034	PA 359	WPN-012
PA 1064	WPY-027	PA 1157	WPN-076	PA 359	WPN-071
PA 1064	WPY-028	PA 1158	WPT-073	PA 359	WPN-073
PA 1065	WPM-010	PA 1161	WPM-037	PA 359/1	WPN-037
PA 1065	WPM-056	PA 1168	WPD-036	PA 368	WPH-015
PA 1066	WPN-084	PA 1170	WPT-917	PA 368/1	WPH-034
PA 1067	WPT-034	PA 1171	WPZ-926	PA 369	WPT-087
PA 1068	WPT-109	PA 1173	WPM-057	PA 371	WPT-017
PA 1068	WPT-113	PA 1174	WPM-057	PA 371	WPT-065
PA 1070	WPN-085	PA 1176	WPV-903	PA 376	WPT-045
PA 1072	WPM-038	PA 1183	WPH-800	PA 377	WPT-048
PA 1073	WPM-047	PA 1199	WPT-057	PA 379	WPT-100
PA 1073	WPM-908	PA 1201	WPN-027	PA 380	WPH-006
PA 1074	WPM-033	PA 1202	WPN-002	PA 380	WPH-908

# CROSS REFERENCE LIST

## GP N<sup>R</sup> TO AISIN N<sup>R</sup>

GP N <sup>R</sup>	AISIN N <sup>R</sup>	GP N <sup>R</sup>	AISIN N <sup>R</sup>	GP N <sup>R</sup>	AISIN N <sup>R</sup>
PA 384	WPN-069	PA 459	WP-3711A	PA 640	WN-076
PA 385	WPT-099	PA 459	WPM-056	PA 644	WPN-016
PA 399	WPH-021	PA 459	WY-001	PA 644/1	WPN-057
PA 400	WPH-911	PA 460	WPM-012	PA 645	WPS-909
PA 401	WPH-022	PA 460	WPM-913	PA 646	WPT-058
PA 401P	WPH-022	PA 461	WPN-063	PA 649	WPT-004
PA 401P	WPH-025	PA 462	WPN-026	PA 654	WPG-002
PA 402	WPH-024	PA 464	WPN-031	PA 654	WPG-006
PA 403	WH-008	PA 464	WPN-912	PA 662	WPT-908
PA 403P	WH-008	PA 465	WPN-059	PA 666	WPA-001
PA 405	WPH-029	PA 467	WPM-030	PA 672	WPG-014
PA 405P	WPH-029	PA 468	WPT-057	PA 679	WPZ-003
PA 406	WPH-023	PA 469	WPM-049	PA 679/1	WK-001
PA 407	WPH-026	PA 469/1	WPM-005	PA 679/1	WPZ-902
PA 408	WPH-010	PA 479	WPN-005	PA 679/2	WPZ-903
PA 409	WPH-016	PA 479	WPN-023	PA 681	WPZ-001
PA 410	WZ-005	PA 479/1	WPN-005	PA 681	WPZ-931
PA 411	WPH-017	PA 488	WPT-044	PA 683	WPF-003
PA 412	WP-8790	PA 493	WPD-002	PA 685	WT-092
PA 413	WPN-032	PA 497	WPT-077	PA 724	WG-001
PA 414	WPN-013	PA 498	WPT-076	PA 724	WPG-004
PA 414/1	WPN-062	PA 507	WO-009	PA 729	WV-002
PA 414/1	WPN-064	PA 524	WV-007	PA 732	WE-LR01
PA 416	WPN-019	PA 528	WPM-046	PA 739	WPT-107
PA 416/1	WPN-052	PA 534	WPZ-913	PA 740	WPN-001
PA 417	WPN-029A	PA 535	WO-001	PA 741	WPN-006
PA 418	WPN-021	PA 536	WPZ-927	PA 741	WPN-009
PA 419	WF-012	PA 537	WPD-009	PA 741	WPN-014
PA 420	WPN-039	PA 540	WPL-001	PA 742	WPG-018
PA 421	WPT-085	PA 545	WPT-023	PA 745	WPT-016
PA 422	WPT-017	PA 546	WO-012	PA 746	WPT-013
PA 426	WT-021	PA 546	WPO-001	PA 747	WPT-075
PA 427	WPT-079	PA 546	WPS-001	PA 748	WPT-025
PA 428	WPT-031	PA 547	WO-006	PA 749	WPT-007
PA 429	WPT-049	PA 552	WPA-003	PA 750	WPG-901
PA 430	WPN-038	PA 562	WE-FO03	PA 751	WPT-107
PA 431	WPZ-915	PA 566	WPA-004	PA 754	WPT-008
PA 433	WPO-010	PA 567	WPA-005	PA 756	WPT-067
PA 435	WO-002	PA 568	WPA-006	PA 760	WPZ-001
PA 436	WPN-060	PA 569	WPPG-001V	PA 760	WPZ-014
PA 438	WPZ-007	PA 570	WPA-007	PA 760	WPZ-901
PA 443	WPZ-932	PA 579	WPN-010	PA 761	WPT-055
PA 444	WPM-019	PA 590	WPN-020	PA 762	WPT-035
PA 444	WPM-021	PA 590	WPN-061	PA 763	WPN-058
PA 446	WPM-001	PA 591	WPH-012	PA 767	WPH-003
PA 447	WP-8730	PA 592	WPN-035	PA 768	WPH-013
PA 448	WPM-004	PA 594	WO-003	PA 770	WPG-001
PA 448	WY-001	PA 596	WPN-018	PA 773	WPT-026
PA 449	WPM-006	PA 597	WG-005	PA 774	WPT-066
PA 450	WP-3790A	PA 598	WN-043	PA 774	WPT-090
PA 451	WP-4752A	PA 603	WO-002	PA 776	WPZ-002
PA 451	WPM-016	PA 605	WPH-010	PA 776	WPZ-012
PA 451	WPM-912	PA 605	WPH-014	PA 790	WPZ-928
PA 452	WP-3780	PA 606	WPZ-006	PA 793	WPZ-005
PA 453	WPM-009	PA 610	WO-011	PA 797	WPS-002
PA 455	WPM-004	PA 617S	WPT-110	PA 798	WPG-902
PA 455	WPM-010	PA 620	WPM-031	PA 802	WPN-017
PA 456	WPM-017	PA 628	WPY-021	PA 806	WPN-015
PA 458	WPM-011	PA 630	WPN-070	PA 810	WPH-902

# CROSS REFERENCE LIST

## GP N<sup>R</sup> TO AISIN N<sup>R</sup>

GP N <sup>R</sup>	AISIN N <sup>R</sup>	GP N <sup>R</sup>	AISIN N <sup>R</sup>	GP N <sup>R</sup>	AISIN N <sup>R</sup>
PA 811	WPH-001	PA 876	WPT-097	PA 925	WPD-012
PA 811	WPH-008	PA 877	WPM-029	PA 926	WPD-902
PA 812	WPH-020	PA 879	WPD-021	PA 927	WPT-012
PA 816	WPH-006	PA 880	WPS-006	PA 927	WPT-042
PA 817	WPH-011A	PA 882	WPH-026	PA 928	WPM-054
PA 817	WPH-913	PA 883	WPT-056	PA 929	WP-4772A
PA 818	WPO-006	PA 883	WPT-901	PA 929	WY-001
PA 820	WO-008	PA 884	WPN-043	PA 930	WPN-008
PA 823	WPT-063	PA 885	WPZ-904	PA 930	WPN-030
PA 824	WPT-028	PA 886	WPT-052	PA 931	WPT-015
PA 826	WE-OP04	PA 887	WP-5100	PA 932	WPM-059
PA 827	WE-OP05	PA 888	WPT-032	PA 933	WPN-009
PA 828	WPH-002	PA 891	WPT-072	PA 934	WPT-051
PA 829	WPH-018	PA 892	WPT-916	PA 935	WPT-071
PA 831	WPF-002	PA 893	WPT-024	PA 936	WPT-029
PA 832	WPF-006	PA 894	WPT-021	PA 938	WPT-078
PA 833	WPF-010	PA 899/1	WE-OP06	PA 938S	WPT-033
PA 834	WPF-008	PA 899/1	WPG-021	PA 939	WPT-037
PA 835	WPF-004	PA 900	WPT-018	PA 940	WPT-074
PA 836	WPF-004	PA 900	WPT-108	PA 957	WE-OP02
PA 836	WPF-007	PA 900S	WPT-108	PA 969	WPPG-002V
PA 836	WPG-020	PA 901	WPN-004	PA 970	WPZ-911
PA 838	WPT-010	PA 902	WG-008	PA 971	WPZ-912
PA 838	WPT-105	PA 905	WPM-013	PA 979	WPM-008
PA 839	WPT-004	PA 905	WPM-014	PA 979	WPM-020
PA 841	WPT-003	PA 909	WPZ-909	PA 980	WPA-002
PA 841	WPT-046	PA 910	WPZ-924	PA 980/1	WPA-002
PA 841	WPT-090	PA 910	WZ-003	PA 981	WPT-098
PA 842	WPN-011	PA 912	WPM-002	PA 982	WPT-002
PA 844	WE-CI01	PA 912	WPM-003	PA 982/1	WPT-002
PA 851	WK-003	PA 912	WPM-045	PA 983	WZ-014
PA 851	WPZ-014	PA 913	WPT-902	PA 985	WPM-904
PA 852	WZ-008	PA 914	WE-CI01	PA 988	WV-001D
PA 857	WPG-910	PA 916	WPD-007	PA 988	WV-003B
PA 860	WPH-005	PA 917	WPS-007	PA 988	WV-005
PA 863	WPH-004	PA 918	WPD-013	PA 996	WPZ-905
PA 865	WPS-004	PA 919	WPM-002	PA 996/1	WPZ-910
PA 866	WPT-060	PA 920	WPD-901	PA 999	WPT-030
PA 869	WPG-905	PA 921	WPZ-929	PA 999	WPT-918
PA 870	WPG-907	PA 923	WPM-048		
PA 875	WPS-007	PA 924	WPD-903		

# CROSS REFERENCE LIST

## GRAF N<sup>R</sup> TO AISIN N<sup>R</sup>

GRAF N <sup>R</sup>	AISIN N <sup>R</sup>	GRAF N <sup>R</sup>	AISIN N <sup>R</sup>	GRAF N <sup>R</sup>	AISIN N <sup>R</sup>
PA088	WE-FI03	PA434	WPN-003	PA669	WPH-011A
PA1001	WPT-914	PA434	WPN-031	PA669	WPH-913
PA1002	WPY-015	PA435	WPN-020	PA670	WPH-015
PA1003	WPM-911	PA436	WPN-035	PA671	WPA-002
PA1004	WPD-023	PA437A	WPZ-001	PA672	WPS-909
PA1005	WPT-078	PA439	WPZ-003	PA694	WO-001
PA1007	WPK-004	PA442	WO-004	PA695	WO-002
PA1007	WPK-007	PA443	WO-002	PA696	WO-006
PA1008	WPF-008	PA448	WO-010	PA697	WPM-001
PA1009	WPM-055	PA453	WPT-908	PA697	WPY-022
PA101	WN-014	PA456	WPH-017	PA698	WPY-021
PA1012	WPM-910	PA459	WPH-003	PA700	WPM-002
PA1013	WPH-053	PA479	WPT-097	PA701	WPM-029
PA1014	WPS-904	PA486	WPT-007	PA701	WPY-011
PA1015	WPZ-901	PA491	WE-CI01	PA702	WPM-012
PA1016	WPM-908	PA493A	WPN-001	PA703	WPN-009
PA1017	WPS-902	PA495	WO-009	PA712	WPT-018
PA1019	WV-005	PA508	WPN-014	PA713	WPT-919
PA1020	WPT-912A	PA519A	WPF-002	PA714	WPT-004
PA1021	WPK-006	PA523	WPF-011	PA714	WPT-126
PA1022	WPY-024	PA531	WPM-904	PA715	WPT-010
PA1022	WPY-030	PA535	WPT-017	PA715	WPTK-010
PA1023	WPK-010	PA537	WPN-063	PA716	WPT-901
PA1024	WPY-006	PA538	WPN-058	PA717	WPT-033
PA1024	WY-005	PA539	WPN-010	PA718	WPT-006
PA1025	WP-3711A	PA540	WPN-024	PA718	WPT-011
PA1036	WPS-901	PA549	WPH-024	PA718	WPT-107
PA1047	WPT-033	PA551	WPZ-006	PA719	WPT-078
PA1070	WPN-092	PA555	WPD-021	PA720	WPT-127
PA114	WV-006	PA556	WD-002	PA725	WPS-004
PA153	WE-FO01	PA556	WPD-012	PA726	WPS-006
PA163	WE-FI01	PA556	WPD-905	PA728	WE-OP05
PA201	WPN-021	PA559	WE-FI02	PA732	WPM-033
PA202	WPN-032	PA562	WPH-902	PA738	WO-006
PA203	WPN-013	PA563	WPH-001	PA738	WO-012
PA203	WPN-079	PA564	WPH-018	PA738	WPO-001
PA208	WZ-004	PA565	WE-LR01	PA738	WPS-001
PA209	WT-021	PA571	WPG-018	PA741	WPZ-925
PA210	WPT-085	PA572	WO-011	PA743	WPF-012
PA211	WPT-079	PA580	WPO-006	PA744	WPF-005
PA212	WT-020	PA582	WPO-010	PA747	WPS-910
PA232	WE-FO02	PA584	WO-008	PA766	WPT-107
PA235	WO-005	PA602	WPN-011	PA767	WPT-001A
PA305	WPD-009	PA610	WO-008	PA768	WPT-003
PA312	WV-007	PA611	WPN-015	PA768	WPT-046
PA321	WE-FO03	PA612	WPZ-912	PA768	WPT-090
PA325	WO-003	PA628	WPPG-001V	PA770	WPN-012
PA333	WPF-003	PA635	WPN-008	PA771	WPT-016
PA348	WPPG-002V	PA635	WPN-030	PA772	WPT-008
PA351	WPT-031	PA639	WPZ-911	PA773	WPS-007
PA352	WPT-049	PA640	WPZ-913	PA774	WPS-002
PA385	WPH-010	PA648	WPN-070	PA775	WPT-013
PA385	WPH-014	PA660	WN-076	PA776	WPM-056
PA391	WPT-902	PA661	WPO-006	PA777	WPN-033
PA394	WE-FI04	PA664	WE-OP02	PA778	WPH-013
PA404	WPL-001	PA665	WE-OP04	PA780	WPM-004
PA410	WE-OP03	PA666	WV-002	PA780	WY-001
PA420A	WPA-001	PA668	WPH-006	PA781	WPN-026
PA428	WPH-002	PA668	WPH-908	PA782	WPM-009

# CROSS REFERENCE LIST

## GRAF N<sup>R</sup> TO AISIN N<sup>R</sup>

GRAF N <sup>R</sup>	AISIN N <sup>R</sup>	GRAF N <sup>R</sup>	AISIN N <sup>R</sup>	GRAF N <sup>R</sup>	AISIN N <sup>R</sup>
PA783	WPZ-002	PA859	WPT-917	PA933	WZ-003
PA784	WPN-061	PA861	WPV-903	PA934	WY-006
PA786	WPZ-014	PA864	WPT-111	PA935	WPM-037
PA788	WPN-018	PA865	WV-005	PA936	WPT-002
PA789	WPM-017	PA876	WPH-044	PA936	WPT-904
PA790	WPZ-010	PA877	WY-004	PA937	WM-901
PA791	WPT-022	PA887	WPS-908	PA938	WPZ-930
PA793	WPT-055	PA890	WPT-157	PA943	WPH-001
PA794	WPT-060	PA896	WPH-020	PA944	WPT-078
PA795	WPM-014	PA897	WPH-901	PA945	WPT-108
PA795	WPY-017	PA898	WPV-901	PA946	WPS-907
PA796	WPM-046	PA901	WE-OP08	PA947	WE-VW01
PA797	WPG-004	PA903	WPZ-926	PA949	WPH-043
PA798	WPD-007	PA907	WE-RE03A	PA950	WPY-020
PA799	WPM-045	PA911	WPT-902	PA950	WY-007
PA800	WPZ-012	PA912	WPT-129	PA952	WPT-913
PA803	WPN-913	PA917	WPZ-909	PA953	WPT-106
PA809	WE-OP06	PA918	WPM-048	PA957	WE-OP07
PA809	WPG-001	PA919	WPT-106	PA961	WPT-118
PA810	WPG-910	PA920	WPM-031	PA962	WPZ-921
PA811	WPG-014	PA921	WPZ-016	PA963	WPT-120
PA812	WPN-027	PA921	WZ-008	PA970	WPH-912
PA813	WPN-004	PA922	WPM-010	PA971	WPH-910
PA814	WPN-002	PA923	WPT-015	PA972	WPY-004
PA816	WPK-001	PA924	WPF-006	PA972	WPY-005
PA816	WPK-013	PA925	WPH-006	PA972	WPY-021
PA821	WE-RE02A	PA926	WPS-033	PA972	WPY-027
PA822	WE-RE01A	PA927	WPN-059	PA973	WPZ-917
PA823	WPN-909	PA928	WPZ-017	PA975	WPS-004
PA824	WPV-902	PA929	WPT-014	PA986	WE-SM01A
PA826	WPT-117	PA930	WPM-047	PA995	WPN-087
PA827	WPD-036	PA931	WPZ-902	PA997	WPM-006
PA829	WPY-007	PA931	WPZ-903	PA999	WP-7801
PA830	WPN-091	PA932	WPN-054A	PA999	WPM-057
PA830	WPN-910	PA932	WPN-904		
PA837	WPPG-003V	PA933	WPZ-924		



# CROSS REFERENCE LIST

## HEPU N<sup>R</sup> TO AISIN N<sup>R</sup>

HEPU N <sup>R</sup>	AISIN N <sup>R</sup>	HEPU N <sup>R</sup>	AISIN N <sup>R</sup>	HEPU N <sup>R</sup>	AISIN N <sup>R</sup>
P022	WN-014	P398	WO-003	P7372	WPN-019
P031	WPA-001	P547	WE-VW01	P7374	WPN-039
P033	WPT-908	P616	WPV-901	P7375	WPZ-002
P039	WE-LR01	P708	WPZ-002	P7376	WN-077
P040	WPH-018	P710	WZ-004	P7377	WPN-025
P041	WPH-010	P7116	WPZ-904	P7378	WPN-029A
P041	WPH-014	P7119	WPZ-031V	P7379	WPN-038
P043	WPH-024	P7119	WPZ-924	P738	WPN-030
P046	WPH-002	P7119	WZ-003	P7381	WPN-056
P046	WPH-013	P712	WZ-005	P7382	WPN-062
P049	WPH-902	P7121	WPZ-902	P7383	WPN-067
P051	WV-006	P7121	WPZ-903	P7384	WPN-071
P053	WV-007	P7122	WPZ-016	P7385	WPN-084
P054	WPM-904	P7122	WZ-008	P7386	WPN-087
P056	WV-001D	P7123	WPZ-909	P7387	WPN-902
P056	WV-003B	P7124	WPZ-017	P739	WPN-035
P056	WV-005	P7125	WPZ-905	P7391	WPN-904
P060	WV-002	P7126	WPZ-014	P7392	WPN-014
P061	WV-005	P7126	WPZ-901	P7394	WPN-085
P065	WE-FI02	P7127	WPZ-009	P740	WPN-003
P070	WE-FI03	P7128	WPZ-004	P740	WPN-031
P072	WE-FI04	P7129	WPZ-015	P741	WPN-014
P078	WE-FI01	P713	WPZ-003	P7412	WPN-005
P087	WPD-015	P7131	WPZ-906	P7414	WPN-068
P1055	WPS-909	P7132	WZ-014	P7415	WPN-060
P1081	WPA-002	P7133	WPZ-910	P7416	WPN-914
P1089	WE-OP08	P7134	WPZ-932	P7417	WPN-911
P131	WE-SM01A	P7135	WPZ-005	P7418	WPN-092
P1713	WPA-007	P714	WPZ-010	P7419	WPN-914
P1716	WPA-006	P715	WPZ-001	P742	WPN-020
P1718	WPA-004	P716	WPZ-014	P743	WPN-001
P1720	WPF-002	P717	WPZ-007	P745	WPN-010
P1721	WPF-011	P718	WPZ-006	P746	WPN-058
P1722	WPF-003	P719	WPZ-012	P747	WPN-013
P1725	WPF-004	P7202	WPG-015	P747	WPN-079
P1726	WPF-007	P7203	WPG-016	P748	WPN-015
P1727	WPF-012	P7219	WPG-002	P749	WPN-063
P201	WE-FO03	P726	WPT-004	P750	WPN-032
P207	WE-FO02	P734	WPN-008	P7501	WPS-004
P215	WE-FO01	P735	WPN-009	P7503	WPS-006
P227	WPZ-913	P7351	WPN-027	P7505	WPF-005
P232	WPZ-911	P7352	WPN-024	P7506	WPS-007
P235	WPZ-912	P7353	WPN-033	P7509	WPF-006
P251	WPZ-926	P7355	WPN-041	P751	WPN-021
P310	WE-OP03	P7356	WPN-054A	P7517	WPS-001
P312	WO-004	P7357	WPN-061	P752	WPN-012
P316	WO-011	P7358	WPN-004	P752	WPN-071
P321	WE-OP07	P736	WN-076	P7521	WPS-907
P323	WPS-908	P7361	WPN-037	P7532	WPZ-921
P328	WO-011	P7362	WPN-006	P7533	WPZ-917
P3305	WE-OP06	P7363	WPN-016	P754	WPN-002
P333	WPG-018	P7364	WPN-059	P755	WPM-001
P341	WE-OP02	P7365	WPN-909	P7553	WPM-911
P342	WE-OP05	P7366	WPN-091	P7554	WPM-902
P343	WE-OP04	P7366	WPN-910	P7555	WPM-910
P345	WPA-002	P7367	WPN-064	P7559	WPM-057
P355	WE-RE01A	P7368	WPN-028	P757	WPH-022
P388	WO-002	P7369	WN-043	P7571	WPF-901
P397	WO-005	P737	WPN-070	P7572	WPF-008

# CROSS REFERENCE LIST

## HEPU N<sup>R</sup> TO AISIN N<sup>R</sup>

HEPU N <sup>R</sup>	AISIN N <sup>R</sup>	HEPU N <sup>R</sup>	AISIN N <sup>R</sup>	HEPU N <sup>R</sup>	AISIN N <sup>R</sup>
P7573	WPF-010	P7749	WP-3711A	P7839	WPH-800
P7691	WPT-912A	P775	WPD-009	P784	WPH-015
P7702	WPM-008	P7751	WM-010	P785	WPH-023
P7702	WPM-020	P7753	WP-8790	P786	WPH-016
P7705	WPM-009	P7754	WPM-035	P789	WPH-008
P7706	WPM-012	P7754	WPM-059	P791	WO-001
P7708	WPM-004	P7755	WPM-038	P793	WO-002
P7710	WPM-006	P7756	WPM-054	P794	WO-007
P7712	WPM-009	P7756	WPM-909	P795	WO-006
P7713	WPM-040	P7757	WPM-058	P7980	WPK-001
P7714	WP-4752A	P7758	WP-7801	P7980	WPK-013
P7714	WPM-912	P7759	WPM-035	P7981	WPK-002
P7715	WPM-033	P7782	WPT-084	P7982	WPK-005
P7716	WP-4772A	P779	WPH-001	P7983	WPK-003
P7717	WPM-042	P779	WPH-008	P7984	WK-002
P7718	WPM-043	P780	WPH-003	P7985	WPK-004
P7719	WPM-044	P7804	WPH-013	P7985	WPK-007
P7722	WP-3790A	P781	WPH-017	P7986	WK-001
P7723	WPM-017	P7811	WPH-012	P7988	WPY-008
P7724	WPM-013	P7812	WPH-044	P799	WO-006
P7724	WPM-014	P7813	WPH-007	P799	WO-012
P7725	WPM-011	P7815	WPH-021	P799	WPS-001
P7727	WPM-908	P7816	WPH-020	P7992	WPK-005
P7730	WM-901	P7817	WPH-901	P801	WPV-903
P7731	WPM-048	P7819	WH-016	P803	WPZ-930
P7732	WPM-002	P782	WPH-006	P806	WPT-912A
P7733	WPY-025	P782	WPH-908	P812	WE-CI01
P7734	WPM-029	P7821	WH-020	P813	WPPG-001V
P7736	WPM-056	P7822	WPH-006	P836	WPT-902
P7738	WPM-046	P7824	WPH-004	P841	WPS-910
P7739	WPM-010	P7826	WPH-026	P846	WPPG-003V
P7740	WPM-003	P7827	WPH-034	P871	WPPG-002V
P7740	WPM-045	P783	WPH-011A	P893	WPT-917
P7742	WPY-024	P7831	WPH-020	P956	WPN-913
P7743	WPM-055	P7832	WPH-043	P957	WE-RE03A
P7745	WPM-030	P7833	WPH-046	P958	WE-RE02A
P7746	WPM-047	P7834	WPH-909	P961	WPT-902
P7747	WPM-037	P7835	WPH-912	P980	WPV-902
P7748	WPM-031	P7837	WPH-910		

# CROSS REFERENCE LIST

## NPW N<sup>R</sup> TO AISIN N<sup>R</sup>

NPW N <sup>R</sup>	AISIN N <sup>R</sup>	NPW N <sup>R</sup>	AISIN N <sup>R</sup>	NPW N <sup>R</sup>	AISIN N <sup>R</sup>
D-25	WPD-903	H-8	WPH-017	M-29	WPM-014
D-35	WD-002	H-9	WPH-026	M-3	WM-007
D-4	WPD-902	I-1	WG-012	M-30	WPM-056
F-1	WF-012	I-1	WPG-016	M-31	WPM-011
F-13	WPF-011	I-12	WPW-900	M-32	WPM-019
F-16	WPF-010	I-17	WPF-010	M-33	WPM-017
F-17	WPF-002	I-22	WG-001	M-35	WM-017
F-19	WPF-006	I-22	WPG-004	M-36	WM-013
F-20	WPF-008	I-23	WG-001	M-37	WPM-002
F-3	WPF-012	I-24	WPG-016	M-39	WPM-909
F-4	WPF-005	I-25	WPG-910	M-4	WPM-020
F-8	WPF-003	I-25A	WPG-014	M-40	WPM-021
F-9	WPF-007	I-25F	WPG-910	M-41	WP-3780
FR-14	WPF-901	I-26	WPG-001	M-42	WP-3790A
FR-15	WPF-019	I-26	WPG-910	M-44	WPM-048
FV-29	WPZ-002	I-26A	WPG-001	M-45	WPM-003
FV-3	WP-8790	I-27	WPG-902	M-45	WPM-045
FV-37	WPY-021	I-28	WPG-901	M-46	WPM-013
H-10	WPH-025	I-29	WPG-001	M-48	WPM-043
H-11	WPH-024	I-3	WG-012	M-49	WPM-041
H-12	WH-008	I-30	WPG-005	M-50	WPM-037
H-13	WPH-027	I-31	WPG-009	M-51	WPM-005
H-14	WPH-029	I-32	WPG-002	M-52	WPM-063V
H-15	WPH-028	I-33	WPG-907	M-53	WPM-029
H-16	WPH-021	I-34	WPG-020	M-54	WPM-046
H-17	WPH-022	I-36	WG-001	M-55	WPM-007
H-18	WPH-017	I-37	WG-008	M-56	WPM-042
H-19	WPH-021	I-38	WG-008	M-57	WPM-040
H-2	WH-008	I-4	WG-005	M-7	WP-4752A
H-20	WPH-012	I-4	WPG-004	M-7	WPM-016
H-21	WPH-014	I-43	WPG-021	M-7	WPM-912
H-22	WPH-010	I-43A	WPG-001	M-8	WPM-006
H-23	WPH-003	I-45	WPG-015	M-9	WPM-001
H-24	WPH-037	I-46	WP-5100	MR-3A	WM-008
H-25	WPH-002	I-47	WPN-082A	MZ-1	WZ-004
H-26	WPH-023	I-49	WPG-905	MZ-11	WZ-005
H-27	WPH-016	I-5	WPG-006	MZ-15	WPZ-011
H-28	WH-016	I-50	WPG-904	MZ-16	WPZ-010
H-28	WPH-001	I-51	WPG-003	MZ-17	WPZ-012
H-28	WPH-008	I-6	WPG-913	MZ-18	WPZ-014
H-29	WPH-005	I-7	WPG-017	MZ-19	WPZ-004
H-3	WPH-026	I-7A	WPG-017	MZ-19	WPZ-018
H-3	WPH-029	I-9	WPG-908	MZ-19A	WPZ-018
H-30	WPH-013	M-1	WP-8790	MZ-2	WPZ-928
H3-043	WH-016	M-15	WPM-004	MZ-20	WPZ-001
H-31	WPH-008	M-15A	WP-4772A	MZ-20	WPZ-003
H-32	WPH-006	M-16	WPM-008	MZ-22	WPZ-002
H-33	WPH-033	M-16	WPM-020	MZ-23	WPZ-010
H-34	WPH-034	M-17	WPM-010	MZ-24	WPZ-005
H-35	WPH-019	M-17	WPM-022	MZ-25	WPZ-004
H-36	WPH-015	M-2	WP-8730	MZ-28	WPZ-003
H-37	WPH-001	M-20	WPM-054	MZ-29	WPZ-001
H-38	WPH-011A	M-21	WPM-015	MZ-30	WPZ-905
H-4	WPH-029	M-23	WPM-049	MZ-31	WZ-014
H-5	WPH-022	M-25	WPM-009	MZ-33	WPZ-916
H-5	WPH-028	M-25A	WPM-009	MZ-34	WPZ-929
H-5	WPH-911	M-26	WPM-008	MZ-35	WPS-001
H-6	WPH-022	M-27	WPM-012	MZ-36	WPZ-922
H-7	WPH-021	M-28	WP-3711A	MZ-38	WPZ-901

# CROSS REFERENCE LIST

## NPW N<sup>R</sup> TO AISIN N<sup>R</sup>

NPW N <sup>R</sup>	AISIN N <sup>R</sup>	NPW N <sup>R</sup>	AISIN N <sup>R</sup>	NPW N <sup>R</sup>	AISIN N <sup>R</sup>
MZ-39	WPZ-904	N-49	WPN-088	T-114	WT-112
MZ-4	WPZ-006	N-5	WPN-013	T-115	WPT-047
MZ-40	WZ-003	N-50	WPN-038	T-116	WPT-039
MZ-41	WPZ-903	N-51	WPN-082A	T-117	WPT-127
MZ-42	WPZ-909	N-52	WPN-015	T-117	WPT-901
MZ-44	WPZ-910	N-53	WPN-010	T-118	WPT-110
MZ-46	WPZ-015	N-54	WPN-052	T-12	WPT-084
MZ-48	WPN-001	N-55	WPN-005	T-120	WPT-057
MZ-48	WPN-071	N-56	WPN-016	T-12AF	WPT-084
MZ-49	WPG-015	N-57	WPN-057	T-12AF	WT-027
MZ-4A	WPZ-006	N-58	WPN-066	T-12AF	WT-032
MZ-4B	WPZ-006	N-59	WPN-087	T-12AF	WT-033
MZ-5	WPZ-009	N-6	WPN-043	T-12AF	WT-034
MZ-50	WPZ-902	N-60	WPN-070	T-12AF	WT-037
MZ-51	WPZ-916	N-61	WPN-025	T-12AF	WT-041
MZ-6	WZ-005	N-62	WPN-004	T-13	WPT-064
MZ-7	WPZ-007	N-63	WPN-063	T-13AF	WPT-069
MZ-8	WPZ-005	N-64	WPN-065	T-13AF	WT-038
N-1	WPN-036	N-65	WPN-067	T-13AF	WT-043
N-11	WPN-902	N-66	WPN-060	T-14	WPT-084
N-13	WPN-003	N-67	WPN-915	T-15	WPT-066
N-14	WPN-033	N-7	WPN-042A	T-16	WPT-017
N-16	WPN-079	N-7	WPN-049	T-16	WPT-084
N-17	WPN-027	N-8	WPN-029A	T-17	WPT-072
N-17A	WPN-027	N-9	WN-043	T-17	WT-520
N-2	WPN-032	S-10	WS-002	T-18	WPT-067
N-20	WN-052	S-12	WPS-004	T-19	WPT-003
N-21	WPN-007	S-12	WPS-007	T-19	WPT-066
N-22	WPN-041	S-13	WPS-009	T-19	WPT-090
N-23	WPN-024	S-14	WPS-006	T-2	WT-021
N-24	WPN-019	S-15	WPS-001	T-20	WPT-086
N-25	WPN-034	S-16	WPS-003	T-21	WPT-087
N-25	WPN-076	S-17	WPS-007	T-22	WPT-073
N-26	WPN-035	S-18	WPS-001	T-23/4	WT-615
N-27	WPN-039	S-27	WPS-035	T-25	WPT-084
N-28	WPN-020	S-3	WPS-008	T-26	WPT-024
N-29	WPN-031	S-6	WPS-002	T-27	WPT-065
N-3	WPN-021	S-7	WS-002	T-28	WPT-026
N-30	WPN-058	S-8	WPS-002	T-29	WPT-019
N-31	WPN-059	S-9	WPS-004	T-29A	WPT-019
N-32	WN-053	S-9A	WPS-004	T-3	WPT-079
N-33	WPN-074	T-1	WT-020	T-30	WPT-097
N-34	WPN-001	T-10	WPT-036	T-30	WT-108
N-35	WPN-005	T-103	WPN-7125	T-31	WPT-049
N-36	WPN-002	T-104	WPT-032	T-31	WPT-064
N-37	WPN-061	T-105	WPT-012	T-31	WPT-069
N-38	WPN-037	T-106	WT-619	T-32	WPT-021
N-39	WPN-012	T-107	WPT-002	T-33	WPT-916
N-39	WPN-071	T-108	WPT-501	T-34	WT-510
N-4	WPN-022	T-109	WPT-033	T-35	WT-511
N-4	WPN-047	T-109	WPT-078	T-36	WT-028
N-40	WPN-011	T-109A	WPT-078	T-37	WPT-076
N-41	WPM-010	T-110	WPT-023	T-38	WPT-084
N-41	WPN-054A	T-111	WPT-009	T-39	WPT-084
N-42	WPN-006	T-112	WPT-056	T-40	WT-126
N-42	WPN-028	T-112	WPT-105	T-41	WPT-103A
N-43	WPN-026	T-112	WPT-901	T-42	WT-050
N-44	WPN-064	T-113	WPT-011	T-43	WT-067
N-45	WPN-014	T-113	WPT-107	T-45	WT-090

# CROSS REFERENCE LIST

## NPW N<sup>R</sup> TO AISIN N<sup>R</sup>

NPW N <sup>R</sup>	AISIN N <sup>R</sup>	NPW N <sup>R</sup>	AISIN N <sup>R</sup>	NPW N <sup>R</sup>	AISIN N <sup>R</sup>
T-47	WT-092	T-65	WT-103	T-80	WPT-045
T-49	WPT-020	T-65	WT-620	T-81	WPT-053
T-5	WPT-031	T-66	WPN-7102	T-82	WPN-7113
T-50	WPT-063	T-67	WPT-007	T-84	WPT-001A
T-51	WPT-028	T-68	WPT-082	T-85	WPT-068
T-51	WPT-063	T-68	WPT-107	T-86	WPT-060
T-52	WT-109	T-69	WPT-071	T-87	WPT-010
T-53	WPT-921	T-6AF	WPT-049	T-87	WPTK-010
T-54	WPT-008	T-7	WT-029	T-88	WPT-011
T-54	WPT-022	T-70	WPT-029	T-88	WPT-107
T-55	WPT-052	T-71	WPT-061	T-89	WPT-098
T-56	WPT-075	T-72	WPT-037	T-9	WPT-085
T-57	WPT-013	T-73	WPT-058	T-90	WPT-030
T-58	WPT-004	T-74	WPT-074	T-91	WPN-7180
T-59	WPT-016	T-75	WPT-054	T-93	WPT-018
T-6	WPT-049	T-76	WPT-025	T-93	WPT-108
T-60	WPT-147	T-77	WPT-003	T-93A	WPT-108
T-61	WPN-7111	T-77	WPT-046	T-94	WPT-004
T-62	WPT-505	T-77	WPT-090	T-95	WPT-150
T-62	WPT-507	T-78	WPN-7103	T-97	WPT-002
T-63	WPT-055	T-79	WPT-035	T-98	WPT-002
T-64	WPT-051	T-8	WPT-077	T-99	WPT-015

# CROSS REFERENCE LIST

## PARAUT N<sup>R</sup> TO AISIN N<sup>R</sup>

PARAUT N <sup>R</sup>	AISIN N <sup>R</sup>	PARAUT N <sup>R</sup>	AISIN N <sup>R</sup>	PARAUT N <sup>R</sup>	AISIN N <sup>R</sup>
C3-006	WPM-006	D3-013	WPD-007	H3-020	WPH-012
C3-007	WP-4772A	D3-014	WPD-001	H3-023	WPH-024
C3-008	WPM-004	D3-015	WPD-003	H3-025	WPH-013
C3-011	WM-007	D3-016	WPD-004	H3-028	WPH-016
C3-013	WM-008	D3-017	WPD-011	H3-029	WPH-002
C3-016	WPM-018	D3-018	WPD-012	H3-032	WPH-010
C3-018	WPM-008	D3-019	WPD-008	H3-033	WPH-037
C3-033	WPM-009	D3-020	WPD-022	H3-035	WPH-032
C3-034	WPM-002	D3-021	WPD-023	H3-037	WPH-004
C3-035	WPM-015	D3-021*	WPD-023	H3-039	WPH-006
C3-036	WPM-049	D3-022	WD-002	H3-040	WPH-018
C3-038	WPM-001	D3-022	WPD-905	H3-041	WPH-033
C3-039	WPM-011	F3-001	WPF-012	H3-042	WPH-008
C3-040	WPM-017	F3-002	WPF-005	H3-043	WH-016
C3-044	WPM-012	F3-004*	WPF-017	H3-044	WPH-019
C3-045	WPM-010	F3-007	WPF-019	H3-045	WPH-020
C3-046	WPM-014	F3-009	WPF-007	H3-047	WPH-001
C3-050	WPM-007	F3-011	WPF-011	H3-048	WPH-015
C3-054	WPM-021	F3-012	WPF-003	H3-049	WPH-034
C3-055	WPM-016	F3-014	WPF-010	H3-051	WPH-038
C3-056	WPM-022	F3-017	WPF-020	H3-052	WPH-035
C3-057	WPM-019	F3-018	WPF-002	H3-053	WPH-039
C3-058	WPM-054	F3-019	WPF-006	H3-054	WPH-007
C3-060	WPM-013	F3-020	WPF-008	H3-055	WPH-036
C3-063	WM-013	F3-021	WPF-001	H3-056	WPH-040
C3-066	WM-010	F3-023	WPF-004	H3-057	WPH-011A
C3-070	WM-004	F3-024	WPF-022	H3-058	WH-020
C3-072	WPM-020	G3-001	WPG-016	M3-004	WPZ-006
C3-075	WPM-043	G3-003	WPG-006	M3-005	WPZ-005
C3-077	WPM-005	G3-005	WG-012	M3-006	WPZ-003
C3-078	WPM-039	G3-009	WPG-002	M3-008	WZ-004
C3-080	WPM-042	G3-010	WPG-001	M3-011	WPZ-001
C3-081	WPM-040	G3-010	WPG-016	M3-012	WPZ-004
C3-082	WPM-028	G3-013	WPG-907	M3-013	WPZ-002
C3-083	WPM-033	G3-015	WPG-003	M3-014	WPZ-018
C3-084	WPM-029	G3-016	WPG-008	M3-015	WPZ-015
C3-085	WPM-030	G3-019	WPG-004	M3-016	WPZ-016
C3-086	WPM-031	G3-020	WG-008	M3-017	WPZ-017
C3-087	WPM-032	G3-021	WG-015	M3-022	WPZ-010
C3-089	WPM-044	G3-022	WPG-014	M3-023	WPZ-012
C3-090	WPM-003	G3-023	WPG-005	M3-024	WPZ-901
C3-090	WPM-045	G3-026	WPG-010	M3-025	WPZ-014
C3-091	WPM-046	G3-027	WPG-017	M3-026	WPZ-903
C3-092	WPM-047	G3-028	WPG-903	M3-027	WPZ-909
C3-093	WPM-048	G3-029	WPG-001	M3-029	WZ-003
C3-096	WPM-059	G3-029	WPG-909	M3-030	WPZ-029V
C3-097	WPM-035	G3-030	WPG-021	M3-031	WZ-014
C3-098	WPM-037	G3-032	WPG-015	M3-032	WPZ-902
C3-099	WPM-038	H3-004	WPH-026	M3-033	WPZ-906
C3-101	WPM-055	H3-005	WPH-028	M3-035	WPZ-015
D3-002	WPD-010	H3-008	WPH-025	M3-036	WPZ-924
D3-003	WPD-009	H3-009	WPH-017	M3-036	WZ-003
D3-004	WT-135	H3-011	WPH-022	M3-039	WPZ-905
D3-005	WPD-002	H3-012	WPH-029	M3-040	WPZ-910
D3-008	WPD-015	H3-013	WPH-014	M3-041	WPZ-014
D3-009	WPD-013	H3-015	WPH-003	M3-041	WPZ-901
D3-010	WPD-006	H3-017	WPH-021	PG3-001	WPPG-001V
D3-011	WPD-005	H3-018	WPH-005	PG3-002	WPPG-002V
D3-012	WPD-014	H3-019	WPH-023	PG3-003	WPPG-003V

# CROSS REFERENCE LIST

## PARAUT N<sup>R</sup> TO AISIN N<sup>R</sup>

PARAUT N <sup>R</sup>	AISIN N <sup>R</sup>	PARAUT N <sup>R</sup>	AISIN N <sup>R</sup>	PARAUT N <sup>R</sup>	AISIN N <sup>R</sup>
S3-002	WPS-008	T3-050	WPT-060	T3-117	WPT-033
S3-004	WPS-002	T3-050*	WPT-060	T3-118	WPT-038
S3-005	WS-002	T3-051	WPT-022	T3-119	WPT-083
S3-007	WPS-009	T3-052	WPT-055	T3-120	WPT-038
S3-012	WPS-007	T3-054	WPT-070	T3-121	WPT-083
S3-013	WPS-004	T3-055	WT-073	T3-122	WPT-115
S3-014	WPS-006	T3-057	WPT-110	T3-123	WPT-057
S3-015	WPS-001	T3-058	WT-108	T3-124	WPT-109
S3-016	WPS-003	T3-059	WPT-056	T3-125	WPT-023
S3-017	WPS-005	T3-063	WPT-062	T3-126	WPT-044
S3-018	WPS-016	T3-064	WT-067	T3-127	WT-117
T3-001	WPT-045	T3-065	WPT-075	T3-128	WPT-046
T3-003	WPT-053	T3-066	WPT-025	T3-129	WPT-105
T3-004	WPT-055	T3-067	WPT-027	T3-131	WPT-901
T3-008	WPT-067	T3-068	WPT-034	T3-132	WPT-127
T3-011	WPT-085	T3-069	WPT-019	V3-001	WPN-029A
T3-012	WPT-036	T3-070	WPT-074	V3-002	WPN-036
T3-013	WPT-013	T3-071	WPT-054	V3-003	WPN-032
T3-014	WPT-077	T3-072	WPT-001A	V3-004	WPN-021
T3-016	WPT-073	T3-073	WPT-047	V3-005	WPN-079
T3-017	WPT-049	T3-074	WPT-039	V3-006	WPN-022
T3-017*	WPT-049	T3-075	WPT-080	V3-007	WPN-026
T3-018	WPT-031	T3-076	WPT-030	V3-008	WPN-042A
T3-019	WPT-086	T3-078	WPT-150	V3-010	WPN-043
T3-021	WPT-103A	T3-080	WPT-009	V3-014	WPN-013
T3-021*	WT-023	T3-081	WPT-043	V3-015	WN-043
T3-022	WPT-003	T3-082	WPT-012	V3-016	WPN-024
T3-022	WPT-090	T3-083	WPT-014	V3-017	WPN-033
T3-022*	WPT-003	T3-084	WT-122	V3-018	WPN-019
T3-029	WPT-084	T3-085	WT-520	V3-021	WN-043
T3-029*	WPT-049	T3-087	WPT-038	V3-022	WPN-020
T3-029*	WPT-084	T3-090	WPT-051	V3-023	WPN-003
T3-029*	WPT-124	T3-090*	WPT-051	V3-024	WPN-035
T3-029*	WT-025	T3-091	WPT-015	V3-025	WPN-037
T3-029*	WT-027	T3-095	WPT-002	V3-027	WPN-038
T3-029*	WT-032	T3-097	WPT-050	V3-028	WPN-036
T3-029*	WT-033	T3-097*	WPT-050	V3-029	WPN-018
T3-029*	WT-034	T3-099	WPT-063	V3-030	WPN-039
T3-029*	WT-037	T3-099*	WPT-063	V3-031	WPN-052
T3-029*	WT-041	T3-101	WPT-010	V3-032	WPN-004
T3-029*	WT-051	T3-101*	WPT-010	V3-033	WPN-011
T3-030	WPT-066	T3-101*	WPTK-010	V3-034	WPN-016
T3-030	WPT-090	T3-102	WPT-018	V3-035	WPN-005
T3-030*	WPT-066	T3-102	WPT-108	V3-036	WPN-002
T3-033	WPT-065	T3-103	WPT-078	V3-036	WPN-054A
T3-033*	WPT-065	T3-104	WPT-056	V3-037	WPN-062
T3-034	WPT-016	T3-105	WPT-107	V3-038	WPN-012
T3-035	WPT-021	T3-105*	WPT-107	V3-040	WPN-023
T3-036	WPT-026	T3-106	WPT-011	V3-041	WPN-058
T3-037	WPT-076	T3-107	WPT-056	V3-043	WPN-057
T3-038	WPT-024	T3-108	WPT-059	V3-044	WPN-066
T3-044	WPT-035	T3-109	WPT-068	V3-046	WPZ-002
T3-045	WPT-097	T3-110	WPT-110	V3-047	WPN-901
T3-045*	WPT-097	T3-111	WPT-038	V3-048	WPN-072
T3-046	WPT-004	T3-112	WPT-048	V3-049	WPN-086
T3-047	WPT-052	T3-113	WPT-042	V3-054	WPN-077
T3-047*	WPT-052	T3-114	WPT-113	V3-055	WPN-067
T3-048	WPT-008	T3-115	WPT-082	V3-056	WPN-025
T3-048*	WPT-008	T3-116	WPT-082	V3-057	WPN-065

# CROSS REFERENCE LIST

## PARAUT N<sup>R</sup> TO AISIN N<sup>R</sup>

PARAUT N <sup>R</sup>	AISIN N <sup>R</sup>	PARAUT N <sup>R</sup>	AISIN N <sup>R</sup>	PARAUT N <sup>R</sup>	AISIN N <sup>R</sup>
V3-061	WPN-006	V3-090	WPN-010	V3-112	WPN-068
V3-064	WPN-027	V3-093	WPN-017	V3-114	WPN-080
V3-066	WPN-034	V3-094	WPN-001	V3-115	WPN-075
V3-067	WPN-041	V3-095	WPN-014	V3-116	WPN-081
V3-073	WPN-073	V3-097	WPN-056	V3-117	WPN-082A
V3-074	WPN-059	V3-098	WPN-009	V3-118	WPN-040
V3-075	WPN-015	V3-099	WPN-078	V3-119	WPN-087
V3-076	WPN-061	V3-101	WPN-053	V3-120	WPN-060
V3-077	WPN-030	V3-102	WPN-076	V3-122	WPN-069
V3-078	WPN-008	V3-103	WPN-031	V3-123	WPN-084
V3-079	WPN-045A	V3-104	WPN-028	V3-124	WPN-070
V3-083	WPN-007	V3-108	WPN-055	V3-129	WPN-085
V3-084	WPN-052	V3-109	WPN-089	V3-130	WPN-088
V3-087	WPN-074	V3-110	WPN-083	V3-138	WPN-071
V3-089	WPN-054A	V3-111	WPN-063		



# CROSS REFERENCE LIST

## SALERI N<sup>R</sup> TO AISIN N<sup>R</sup>

SALERI N <sup>R</sup>	AISIN N <sup>R</sup>	SALERI N <sup>R</sup>	AISIN N <sup>R</sup>	SALERI N <sup>R</sup>	AISIN N <sup>R</sup>
PA1000	WPT-007	PA1125	WPT-073	PA1206	WPS-901
PA1005	WPD-014	PA1126	WPA-002	PA1207	WPF-008
PA1007	WPD-011	PA1131	WE-RE02A	PA1210	WPT-044
PA1008	WPH-020	PA1132	WE-RE01A	PA1211	WPT-100
PA1010	WPH-026	PA1133	WV-001D	PA1212	WPT-106
PA1013	WP-5100	PA1133	WV-005	PA1213	WPT-023
PA1016	WPM-022	PA1136	WPT-917	PA1214	WPT-064
PA1016	WPM-912	PA1136AL	WPT-917	PA1215	WPZ-924
PA1017	WPM-009	PA1138	WPZ-926	PA1215	WZ-003
PA1019	WPZ-009	PA1140	WPN-019	PA1222	WPV-901
PA1021	WPN-902	PA1141	WZ-014	PA1223	WPA-007
PA1022	WPN-059	PA1142	WPZ-909	PA1224	WPN-913
PA1027	WPT-069	PA1143	WPZ-904	PA1234	WPPG-003V
PA1029	WPT-087	PA1144	WPZ-004	PA1235	WPV-903
PA1030	WPT-021	PA1145	WP-3711A	PA1237	WPS-908
PA1031	WPT-075	PA1146	WPZ-902	PA1239	WPD-903
PA1032	WPT-052	PA1146	WPZ-903	PA1240	WPH-007
PA1033	WPT-002	PA1147	WPT-014	PA1241	WPM-059
PA1033	WPT-904	PA1148	WPN-018	PA1242	WPT-057
PA1034	WPT-025	PA1150	WPF-006	PA1243	WPT-027
PA1035	WPT-012	PA1152	WPT-015	PA1246	WE-OP08
PA1036	WPT-033	PA1154	WPZ-005	PA1247	WO-011
PA1036	WPT-078	PA1155	WPN-054A	PA1251	WE-OP07
PA1044	WPN-036	PA1155	WPN-904	PA1252	WPZ-930
PA1054	WPS-910	PA1160	WPD-904	PA1272	WPT-157
PA1058	WPT-902	PA1160	WPT-117	PA1274	WE-RE03A
PA1059	WY-004	PA1161	WPT-111	PA1282	WPV-902
PA1061	WPN-043	PA1162	WPD-036	PA1300	WPD-026
PA1065	WP-8730	PA1165	WPT-099	PA1301	WPH-001
PA1073	WO-012	PA1166	WPG-015	PA1302	WPH-015
PA1073	WPO-001	PA1167	WPN-012	PA1303	WPH-044
PA1073	WPS-001	PA1169	WPN-057	PA1304	WPH-043
PA1074	WPH-006	PA1170	WPN-005	PA1306	WPY-006
PA1074	WPH-908	PA1171	WPZ-015	PA1306	WY-005
PA1075	WPH-011A	PA1172	WPM-007	PA1307	WPY-007
PA1075	WPH-913	PA1173	WPM-005	PA1308	WY-006
PA1076	WPH-901	PA1174	WPM-040	PA1309	WPY-024
PA1078	WPY-021	PA1175	WPD-003	PA1310	WPY-016
PA1078	WPY-027	PA1176	WPD-004	PA1311	WPG-020
PA1081	WPG-004	PA1177	WPD-008	PA1312	WPK-013
PA1081	WPG-006	PA1178	WPH-033	PA1313	WPM-055
PA1082	WPG-910	PA1179	WPH-032	PA1314	WPM-035
PA1089	WPM-017	PA1181	WPS-003	PA1315	WPM-029
PA1091	WPM-046	PA1183	WPF-001	PA1316	WP-7801
PA1094	WPN-070	PA1184	WPF-004	PA1317	WPM-030
PA1095	WN-076	PA1189	WK-001	PA1318	WPS-033
PA1096	WPN-071	PA1190	WPZ-928	PA1320	WPS-902
PA1096	WPN-073	PA1192	WPM-037	PA1321	WPT-129
PA1097	WPN-041	PA1193	WPM-047	PA1322	WPT-006
PA1106	WPT-901	PA1195	WPM-033	PA1325	WPT-067
PA1107	WPT-006	PA1196	WPM-031	PA1326	WPT-127
PA1107	WPT-011	PA1197	WPM-038	PA1326	WPT-901
PA1112	WPT-011	PA1200	WPZ-017	PA1327	WPT-065
PA1112	WPT-107	PA1201	WPZ-016	PA1328	WPZ-917
PA1116	WPA-001	PA1201	WZ-008	PA1330	WPN-909
PA1117	WPA-002	PA1202	WPN-052	PA1331	WPN-910
PA1118	WPT-908	PA1203	WPN-025	PA1332	WPD-023
PA1119	WV-002	PA1204	WPN-085	PA1333	WPH-910
PA1122	WP-3790A	PA1205	WPN-087	PA1336	WPK-004

# CROSS REFERENCE LIST

## SALERI N<sup>R</sup> TO AISIN N<sup>R</sup>

SALERI N <sup>R</sup>	AISIN N <sup>R</sup>	SALERI N <sup>R</sup>	AISIN N <sup>R</sup>	SALERI N <sup>R</sup>	AISIN N <sup>R</sup>
PA1336	WPK-007	PA363	WPN-013	PA747	WPZ-003
PA1338	WPZ-926	PA363	WPN-079	PA749	WPN-058
PA1340	WPM-055	PA390	WPN-029A	PA750	WPN-010
PA1341	WPM-057	PA391P	WPF-012	PA751	WPH-902
PA1342	WPM-910	PA392P	WPF-005	PA758	WE-LR01
PA1344	WPM-911	PA398P	WE-FO02	PA767	WPD-007
PA1345	WPM-902	PA399	WPH-024	PA768	WPD-002
PA1347	WPS-907	PA401	WPH-017	PA769	WPH-021
PA1348	WPT-120	PA403	WPH-022	PA770	WPH-013
PA1349	WPY-020	PA403P	WPH-025	PA771	WPH-016
PA1349	WY-007	PA427P	WO-005	PA773	WPZ-014
PA1350	WPY-011	PA428	WPD-015	PA774	WPN-914
PA1351	WPK-005	PA432	WPN-003	PA774	WPZ-002
PA1352	WPK-003	PA432	WPN-031	PA775	WPM-001
PA1353	WPS-904	PA435	WPN-033	PA775	WPY-022
PA1356	WPY-008	PA437P	WO-004	PA776	WPM-002
PA1358	WPN-038	PA456	WPZ-006	PA777	WPM-009
PA1359	WPN-067	PA473	WV-007	PA778	WPM-004
PA1362	WPH-046	PA488E	WE-FO03	PA778	WY-001
PA1364	WPT-038	PA493	WO-010	PA779	WPM-010
PA1365	WPT-082	PA500	WPD-009	PA780	WP-4772A
PA1369	WPZ-932	PA511P	WPPG-001V	PA781	WPM-006
PA1371	WPT-912A	PA512P	WO-003	PA782	WPM-012
PA1377	WPG-002	PA513P	WPT-902	PA783	WPN-037
PA1381	WPH-912	PA515P	WPH-010	PA784	WPN-027
PA1403	WE-SM01A	PA515P	WPH-014	PA785	WPF-003
PA1409	WPH-034	PA516P	WPN-035	PA786	WPF-002
PA1427	WPS-004	PA517	WPH-012	PA787	WPF-007
PA1428	WPY-015	PA518P	WPL-001	PA788	WPS-002
PA1430	WPN-911	PA527P	WO-002	PA789	WPS-004
PA1431	WPM-908	PA557A	WPM-904	PA790	WPT-107
PA1432	WP-3711A	PA561	WO-009	PA791	WPT-066
PA1432	WPM-056	PA578P	WE-FO02	PA791	WPT-072
PA1433	WPZ-901	PA590P	WPZ-913	PA792	WPT-004
PA1439	WPT-913	PA603	WPZ-007	PA792	WPT-126
PA1440	WPT-118	PA604	WPN-020	PA793	WPT-077
PA1441	WPT-914	PA604	WPN-061	PA794	WPT-016
PA206P	WE-FI03	PA609	WPN-024	PA795	WPT-097
PA234P	WE-FI04	PA613P	WPZ-012	PA796	WPT-008
PA252	WE-FI01	PA648P	WPPG-002V	PA796	WPT-022
PA257	WV-006	PA649P	WPT-902	PA797	WPT-010
PA260	WPT-079	PA649P	WPY-028	PA797	WPTK-010
PA261	WT-020	PA656	WE-OP03	PA798	WPT-060
PA262	WT-021	PA656	WP-4130A	PA799	WPT-003
PA263	WPT-085	PA674P	WV-003B	PA799	WPT-046
PA264	WPN-021	PA675	WPG-018	PA799	WPT-090
PA274	WZ-005	PA681P	WPH-002	PA800	WPT-013
PA275	WE-FO01	PA684	WPN-001	PA801	WPS-007
PA275E	WE-FO01	PA685	WPN-006	PA802	WPS-006
PA281	WZ-004	PA685	WPN-014	PA803	WD-002
PA288S	WE-FI02	PA705	WN-014	PA805	WPH-023
PA290	WH-008	PA708A	WO-011	PA806	WE-OP06
PA291	WPH-911	PA715	WPO-010	PA806	WPG-001
PA291P	WPH-028	PA716	WPO-006	PA807	WPM-013
PA301	WH-008	PA717	WPN-063	PA807	WPM-014
PA303P	WH-008	PA720P	WE-CI01	PA807	WPY-017
PA308	WPT-049	PA726	WPH-003	PA809	WPN-032
PA312	WPT-017	PA738P	WPH-018	PA811	WPN-039
PA320	WPT-031	PA746	WPZ-001	PA812	WPN-004

# CROSS REFERENCE LIST

## SALERI N<sup>R</sup> TO AISIN N<sup>R</sup>

SALERI N <sup>R</sup>	AISIN N <sup>R</sup>	SALERI N <sup>R</sup>	AISIN N <sup>R</sup>	SALERI N <sup>R</sup>	AISIN N <sup>R</sup>
PA814	WPS-002	PA899	WPM-056	PA957	WO-001
PA818	WPT-055	PA902	WPN-002	PA958	WPD-021
PA819	WPT-051	PA903	WPZ-010	PA959	WPD-012
PA820	WPT-001A	PA904	WPF-010	PA968	WM-901
PA821	WPT-030	PA904	WPF-011	PA976	WPT-033
PA822	WPT-018	PA905	WH-008	PA980	WV-005
PA822	WPT-055	PA906	WPT-035	PA984	WPN-008
PA822	WPT-108	PA907	WPH-008	PA984	WPN-030
PA822	WPT-919	PA908	WPH-001	PA987	WPG-014
PA835	WO-008	PA908	WPH-008	PA989	WPD-007
PA837	WO-008	PA908	WPH-019	PA990	WG-008
PA838	WPO-006	PA909	WPN-011	PA991	WPG-901
PA839	WPO-006	PA910	WPT-024	PA992	WPG-902
PA848	WPZ-912	PA912	WP-8790	PA993	WPM-003
PA864A	WE-VW01	PA921	WPN-015	PA993	WPM-045
PA871	WO-002	PA922	WPS-909	PA994	WPM-029
PA879	WPZ-911	PA928	WO-006	PA995	WPN-006
PA890	WE-OP02	PA929	WPD-001	PA996	WPN-026
PA890	WE-OP04	PA937	WE-OP05	PA999	WPT-026
PA892	WPM-048	PA948	WPN-009		
PA896	WPS-004	PA950	WPZ-925		

# CROSS REFERENCE LIST

## SKF N<sup>R</sup> TO AISIN N<sup>R</sup>

SKF N <sup>R</sup>	AISIN N <sup>R</sup>	SKF N <sup>R</sup>	AISIN N <sup>R</sup>	SKF N <sup>R</sup>	AISIN N <sup>R</sup>
VKPA 85605	WE-OP06	VKPC 87813	WPH-902	VKPC 93603	WPH-043
VKPC 81620	WE-VW01	VKPC 87835	WE-LR01	VKPC 93604	WPH-912
VKPC 82201	WN-014	VKPC 90200	WO-002	VKPC 93606	WPH-044
VKPC 82412	WE-FI01	VKPC 90202	WO-001	VKPC 93613	WPH-800
VKPC 82642	WPA-001	VKPC 90402	WO-006	VKPC 94002	WPZ-001
VKPC 82665	WPS-909	VKPC 90450	WO-006	VKPC 94202	WPZ-006
VKPC 82667	WE-OP08	VKPC 90450	WPO-001	VKPC 94423	WPZ-012
VKPC 82810	WPA-002	VKPC 91805	WPT-117	VKPC 94424	WPZ-002
VKPC 83140	WPT-917	VKPC 92000	WPN-085	VKPC 94424	WPZ-012
VKPC 83205	WPPG-001V	VKPC 92001	WPN-071	VKPC 94425	WPZ-014
VKPC 83259	WPZ-930	VKPC 92203	WPN-029A	VKPC 94425	WPZ-901
VKPC 83420	WPT-902	VKPC 92204	WPN-035	VKPC 94434	WPZ-003
VKPC 83428	WE-CI01	VKPC 92205	WPN-003	VKPC 94452	WPZ-014
VKPC 83615	WPPG-002V	VKPC 92208	WPN-063	VKPC 94602	WPZ-904
VKPC 83639	WPS-910	VKPC 92209	WPN-015	VKPC 94603	WPZ-909
VKPC 83643	WPV-903	VKPC 92401	WPN-033	VKPC 94617	WPZ-902
VKPC 83644	WPPG-003V	VKPC 92404	WPN-020	VKPC 94617	WPZ-903
VKPC 84205	WE-FO01	VKPC 92406	WPN-058	VKPC 95003	WPM-037
VKPC 84207	WE-FO02	VKPC 92408	WPN-001	VKPC 95004	WPM-006
VKPC 84208	WE-FO03	VKPC 92412	WPN-014	VKPC 95005	WM-901
VKPC 84215	WPZ-912	VKPC 92422	WPN-012	VKPC 95005	WPM-033
VKPC 84216	WPZ-911	VKPC 92422	WPN-073	VKPC 95008	WPM-001
VKPC 84620	WPZ-913	VKPC 92600	WPN-008	VKPC 95010	WPM-009
VKPC 84622	WPZ-926	VKPC 92601	WPN-024	VKPC 95402	WPM-011
VKPC 85206	WO-004	VKPC 92610	WPN-066	VKPC 95404	WPM-017
VKPC 85304	WE-RE01A	VKPC 92630	WPN-027	VKPC 95405	WPM-002
VKPC 85308	WE-OP07	VKPC 92634	WPN-064	VKPC 95422	WPM-004
VKPC 85400	WO-005	VKPC 92645	WPN-059	VKPC 95423	WPM-056
VKPC 85401	WO-002	VKPC 92649	WN-043	VKPC 95424	WPM-012
VKPC 85403	WE-OP03	VKPC 92650	WPN-039	VKPC 95424	WPM-913
VKPC 85403	WP-4130A	VKPC 92651	WPN-002	VKPC 95426	WPM-003
VKPC 85404	WPG-018	VKPC 92802	WPN-013	VKPC 95426	WPM-045
VKPC 85407	WO-003	VKPC 92802	WPN-079	VKPC 95427	WP-3711A
VKPC 85611	WO-011	VKPC 92810	WPN-010	VKPC 95602	WP-4752A
VKPC 85620	WE-OP02	VKPC 92822	WPN-070	VKPC 95602	WPM-022
VKPC 85621	WE-OP05	VKPC 92926	WN-076	VKPC 95602	WPM-912
VKPC 85622	WE-OP04	VKPC 92928	WPN-009	VKPC 95611	WPM-010
VKPC 86129	WE-RE03A	VKPC 92929	WPN-904	VKPC 95612	WPM-048
VKPC 86413	WPM-904	VKPC 93000	WPH-011A	VKPC 95614	WPM-046
VKPC 86520	WV-005	VKPC 93001	WPH-004	VKPC 95800	WPM-029
VKPC 86609	WV-007	VKPC 93405	WPH-017	VKPC 95854	WPY-008
VKPC 86610	WV-006	VKPC 93410	WPH-003	VKPC 95863	WPM-055
VKPC 86618	WV-001D	VKPC 93411	WPH-006	VKPC 95864	WPM-911
VKPC 86618	WV-003B	VKPC 93415	WPH-015	VKPC 98001	WPF-006
VKPC 86618	WV-005	VKPC 93600	WPH-023	VKPC 98007	WPF-008
VKPC 86620	WPV-901	VKPC 93601	WPH-001	VKPC 99404	WPF-005
VKPC 86635	WPV-902	VKPC 93601	WPH-008	VKPC 99406	WPF-003
VKPC 87404	WPH-002	VKPC 93601	WPH-019	VKPC 99407	WPF-002
VKPC 87610	WPH-008	VKPC 93601	WPH-034		

## WARRANTY

Aisin Seiko Co., Ltd. (Aisin) warrants Aisin products (Products) to be free from defects in material and workmanship for a period of ninety (90) days, from the date of purchase thereof and installation thereof on the consumer's vehicle, or six thousand (6000) Km, whichever occurs first, provided that in no events, Aisin warrants Products when not installed and used in strict conformity with specifications described in the most up to date Aisin catalog for such installation and operation, and Products which have been altered, improperly installed, maintained or repaired, or damaged by accident, negligence or misuse.

This limited warranty is expressly in lieu of all other warranties, expressed or implied, and all other obligations or liabilities on Products.

This limited warranty excludes all labor charges or other incidental or consequential damages.

Any Products for warranty claim hereunder must be returned through the importer, agent, or the distributor from whom they were purchased, provided that such Products must be accompanied by an explanation of circumstances and conditions under which they failed. Aisin reserves the right to examine all Products returned to it for warranty claim to determine whether or not any such Products have failed because of a defect in material or workmanship. The obligation hereunder shall be limited to, at its option, repairing, replacing or crediting for the purchase price of Products, which proves to be defective during the warranty period.

Regardless of whether any Products are repaired, replaced or credited for the purchase price of Products hereunder, transportation charges on the return of such Products must be prepaid by the customer under this limited warranty.

AISIN SEIKI CO., LTD

For any warranty claim, please contact our Quality Department and ask a warranty demand form.  
Tel: 00 32 2 387 01 36 - Fax: 00 32 2 387 06 33 - Email: [quality@be.aisin-europe.com](mailto:quality@be.aisin-europe.com)  
Only the warranties with a W.Nr will be analysed.

English	Deutsch	Français	Portugueses	Nederlands
Impeller	Flügelrad / Pumpenrad	Roue à aubes	Impulsor	Schoepenrad
Liquid gasket	Flüssig-Dichtung	Joint liquide	Junta líquida	Vloeibare afdichting
Pulley	Riemenscheibe	Poulie	Polia	Poulie
Repair kit	Reparatur Satz	Kit réparation	Jogo de reparação	Reparatie kit
Teeth	Zahn / Zähne	Cannelure	Dentes	Vertanding
With cover	Mit Abdeckung	Avec couvercle	Com cobertura	Met deksel
Without cover	Ohne Abdeckung	Sans couvercle	Sem cobertura	Zonder deksel
Fan coupling	Lüterkupplung	Viscocoupleur	Ventoinha de embraíagem	Ventilator koppeling
Plastic fan blade	Plastik Lüfterrad	Hélice de ventilateur	Ventoinha plastica	Plastic schoepenrad/rotor

Russian	Italiano	Español	Polish
колесо с лопатками	Girante pompa acqua	Impulsor	Wirnik
уплотняющая жидкость	Guarnizione líquida	Junta líquida	Pasta uszczelniająca
шкив	Puleggia	Polea	Koło pasowe
ремонтный набор деталей	Kit di riparazione	Juego reparacion	Zestaw naprawczy
внутреннее зацепление	Denti	Dientes	Zęby
насоса с крышкой	Con coperchio	Con revestimiento	Z obudową
насоса без крышки	Senza coperchio	Sin revestimiento	Bez obudowy
вискомуфта	Giunto viscostatico	Embrague viscoso	Sprzęgło wentylatora
вентилятор пластиковый	Ventola plastica	Ventilador plástico	Plastykowy wentylator

## OUTLINE

<b>Company name</b>	AISIN SEIKI CO. LTD.	
<b>Established</b>	August 31, 1965	
<b>Capital</b>	338,49 Million €	
<b>Total sales</b>	16,71 Billion (consolidated - Year's ended March 31st - 2009)	
<b>Employees</b>	73.201	
<b>Land area</b>	10.217.000 m <sup>2</sup>	
<b>Floor space</b>	803.000 m <sup>2</sup>	
<b>AISIN Group</b>	151 associated global subsidiaries in 20 countries	
<b>AISIN Group Plants</b>	Japan	12
	North America	19
	Central & South America	4
	Europe	5
	Asia & Oceania	15
	China	16



## Brand Protection

### “No Counterfeit Parts”

Aisin has been actively involved in preventing the manufacturing and sale of counterfeit products. In addition to our own efforts, AISIN is also participating with the “NO Counterfeit Parts” movement in conjunction with the Japan Auto Parts Industries Association (JAPIA).

Our goal is to eliminate counterfeit parts through individual and organized group efforts. If you have any information on the sale or production of counterfeit items, please contact your local representatives immediately or you may send us information directly using the Counterfeit Report Form.



### “Don’t Produce! Don’t Sell! Don’t Buy!”

Japan Auto Parts Industries Association (JAPIA) is providing a series of posters as part of the “No Counterfeit Parts” movement. To provide international awareness of illegal activities, posters are available in several key languages: English, French, Spanish, Chinese, and Arabic. Please contact your local sales representatives to receive posters and additional information. You may also apply directly using the Request Form.



# **AISIN**

*Geared up for the future*



**AISIN EUROPE S.A.**  
[www.be.aisin-europe.com](http://www.be.aisin-europe.com)

Your distributor: