

Idle Speed Motors
Map Sensors
Speed Sensors
TPS Switches

Applicable Graphics at rear of this section

SECTION 2

& SENSORS SWITCHES

SECTION 2 :: SENSORS AND PUMPS

Make	Model	Series	From	To	Engine	Cyl	Type	Size	System	Fuel Pumps	Idle Speeds	Map Sensors	Speed Sensors	TPS Switches	Notes
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DAEWOO

Cielo

GL	04/95	12/97	G15MF	4	SOHC	1.5	EFI	FPDAE							
GLX	04/95	12/97	A15MF	4	DOHC	1.5	EFI	FPDAE							

Espero

Espero	02/95	06/97	C20JE	4	SOHC	2.0	EFI	FPDHY							
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Matiz

	10/99	12/05	F8CV	3	SOHC	0.8					IDLDMN				
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DAIHATSU

Applause

A101	10/89	11/99	HDE	4	SOHC	1.6	EFI	FP38MM *							* With 38mm fuel pump
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Charade

G200-G203	05/93	05/00	HCE-HHEE	4	SOHC	1.3-1.5	EFI	FP38MM *							* With 38mm fuel pump
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Mira

L200-L201	04/92	04/95	EF-EL	4	SOHC	0.6	EFI	FP38MM *							* With 38mm fuel pump
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Move

L601	02/97	01/99	ED	4	SOHC	0.8	EFI	FP38MM *							* With 38mm fuel pump
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Pyzar

Pyzar	02/97	07/00	HD-HE	4	SOHC	1.5-1.6	EFI	FP38MM *							* With 38mm fuel pump
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EUNOS

30X

30X	11/92	10/97	K8	V6	DOHC	1.8	EFI	FP38LS *							* 38mm Fuel Pump
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500

500	11/92	09/99	KL	V6	DOHC	2.5	EFI	FP38LS *							* 38mm Fuel Pump
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800

800	03/94	10/98	KL	V6	DOHC	2.5	EFI	FP38LS *							* 38mm Fuel Pump
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FORD

Corsair

UA (FWD)	11/90	10/92	CA20E	4	SOHC	2.0	EFI				0280140147				
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Courier

Courier								FP51MM *							* With 51mm fuel pump
Courier								FP38MM *							* With 38mm fuel pump

Fairlane

NA-NL	02/88	02/98	s/six	6	OHV	3.9/4.0	MPI	FPEAL						MSEAL	
NA-NL	02/88	02/98	Wind	8	OHV	5.0	EFI	FPEAL						MSEAL	
NC-NL	10/93	09/98	WIND	8	OHV	5.0	EFI	FPEAL			IDLEDAUN				

SECTION 2 :: SENSORS AND PUMPS

Make	Model	Series	From	To	Engine	Cyl	Type	Size	System	Fuel Pumps	Idle Speeds	Map Sensors	Speed Sensors	TPS Switches	Notes
<i>Fairlane</i>															
	NF-NL		08/94	09/98	s/six	6	OHV	4.0	MPI	FPEAL	IDLEFLN				
	NU		03/98	02/06	s/six	6	OHV	4.0	MPI	FPELAU					
	NU		03/98	02/06	Wind	8	OHV	5.0	EFI	FPELAU	IDLEDAUN - to 3/00				
	NU		10/98	03/00	s/six	6	OHV	4.0	MPI		IDLAUN				
<i>Falcon</i>															
	AU		10/98	02/06	s/six	6	OHV	4.0	MPI		IDLAUN				
	AU II and III		03/00	03/06	s/six	6	OHV	4.0	MPI	FPELAU				TPSFH	
	AU Station Wagon		03/98	02/06	s/six	6	OHV	4.0	MPI	FPVTY					
	AU Station Wagon		03/98	02/06	Wind	8	OHV	5.0	MPI	FPELAU	IDLEDAUN - to 3/00				
	AU Ute		03/98	02/06	Wind	8	OHV	5.0	MPI	FPVTY	IDLEDAUN - to 3/00				
	AU Ute		03/98	02/06	s/six	6	OHV	4.0	MPI	FPVTY					
	BA Sedan		03/03	12/05	WT	6		4.0	EFI	FPVA *					* DOES NOT SUIT XR6
	BA Station Wagon		03/03	12/05	WT	6		4.0	EFI	FPBAW *					* DOES NOT SUIT XR6
	EA-EB Centrepoint Injecti		02/88	02/92	s/six	6	OHV	3.9	CFI	FPEABC	IDLEABN				
	EA-ED Station Wagon MP		02/88	09/93	s/six	6	OHV	3.9/4.0	MPI	FPEADSW	IDLEADN				
	EA-EL Sedan Injection		02/88	02/98	s/six	6	OHV	3.9/4.0	MPI	FPEAL		MSEAL			
	EB-ED Station Wagon		07/91	09/93	Wind	8	OHV	5.0	EFI	FPEADSW					
	EB-EL Sedan		07/91	02/98	Wind	8	OHV	5.0	EFI	FPEAL					
	ED-AUI Sedan		08/93	03/00	Wind	8	OHV	5.0	EFI	FPEAL	IDLEDAUN				
	ED-EL Station Wagon		09/93	02/98	s/six	6	OHV	4.0	MPI	FPEDLSW					
	ED-EL Station Wagon		09/93	02/98	Wind	8	OHV	5.0	EFI	FPEDLSW					
	EF-EL		08/94	08/98	s/six	6	OHV	4.0	MPI	FPEAL	IDLEFLN				
	EL-AU Sedan		03/98	02/06	Wind	8	OHV	5.0	MPI	FPELAU					
	EL-AU Sedan		03/98	02/06	s/six	6	OHV	4.0	MPI	FPELAU					
	XG-XH Ute / Panelvan		03/93	06/99	s/six	6	OHV	4.0	MPI	FPEAL					
<i>Festiva</i>															
	WB		03/94	02/97	B3	4	SOHC	1.3	EFI	FP38MM *					* Ensure fuel pump and strainer are compatible with OE before fitting
	WB		03/94	02/97	B5	4	SOHC	1.5	EFI	FP38MM *					* Ensure fuel pump and strainer are compatible with OE before fitting
	WBII-WD		02/97	06/99	B3	4	SOHC	1.3	EFI	FPMS					
	WBII-WD		02/97	06/99	B5	4	SOHC	1.5	EFI	FPMS					
<i>Laser</i>															
	Laser									FP51MM *					* With 51mm fuel pump / Ensure fuel pump and strainer are compatible with OE before fitting

SECTION 2 :: SENSORS AND PUMPS

Make	Model	Series	From	To	Engine	Cyl	Type	Size	System	Fuel Pumps	Idle Speeds	Map Sensors	Speed Sensors	TPS Switches	Notes
<i>Laser</i>															
	Laser									FP38MM *					* With 38mm fuel pump / Ensure fuel pump and strainer are compatible with OE before fitting
<i>Raider</i>															
	Raider									FP38MM *					* With 38mm fuel pump
	Raider									FP51MM *					* With 51mm fuel pump
<i>Telstar</i>															
	AT-AV		10/87	01/92	F2	4	SOHC	2.2	EFI	FP51MM *					* Ensure fuel pump and strainer are compatible with OE before fitting
	AX-AY		01/92	07/96	KL	V6	SOHC	2.5	EFI	FP38MM *					* Ensure fuel pump and strainer are compatible with OE before fitting

HOLDEN

Apollo

JK	08/89	08/91	3SFC	4		2.0	CARB	FPHMT							
JK-JL	08/89	02/93	3SFE	4		2.0	EFI	FP51MM							

Astra

TR	09/96	08/98	C16SE	4	SOHC	1.6	EFI							TPSAST	
TR	09/96	08/98	C18SEL	4	SOHC	1.8	EFI	FPAST *	IDLVAN					TPSAST	* With Bosch pump
TR	09/96	08/98	X20XEV	4	SOHC	2.0	EFI							TPSAST	
TS	10/98	11/00	X18SE	4	SOHC	1.8	EFI	FPAST *						TPSAST	* With Bosch pump

Barina

SB	04/94	04/01	C14NZ	4	SOHC	1.4	EFI							IDLBARN	
SB	04/94	04/01	C12NZ	4	SOHC	1.2	EFI							IDLBARN	

Calais

VN-VR	10/88	04/95		V8	OHV	5.0	EFI							IDLVNYN	
VN-VY	10/88	04/06		V6	OHV	3.8	EFI							IDLVNYN	

Combo Van

SB	03/96	08/02	C14NZ	4	SOHC	1.4	EFI							IDLBARN	
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Commodore

VG-VS Ute	08/88	06/99		V6	OHV	3.8	EFI	FPVNS *			MSVNY				* With single intank pump
VG-VS Ute	08/88	06/99		V8	OHV	5.0	EFI	FPVNS *			MSVNY				* With single intank pump
VK	09/84	03/86	Black	6	OHV	3.3	EFI	FPVKL *							* External pump
VL	03/86	08/88	RB30	6	OHV	3.0	EFI	FPVLN *							* Internal Pump
VL	03/86	08/88	RB30	6	OHV	3.0	EFI	FPVKL *							* External pump
VL Auto transmission	03/86	08/88	RB30	6	OHV	3.0	EFI	FPVLN *					TPSVLSA		* Internal Pump
VL Manual transmission	03/86	08/88	RB30	6	OHV	3.0	EFI	FPVLN *					TPSVLSM		* Internal Pump
VN Station Wagon	08/88	10/91		V8	OHV	5.0	EFI	FPVKL *							* External Pump

SECTION 2 :: SENSORS AND PUMPS

Make	Model	Series	From	To	Engine	Cyl	Type	Size	System	Fuel Pumps	Idle Speeds	Map Sensors	Speed Sensors	TPS Switches	Notes
<i>Commodore</i>															
	VN Station Wagon		08/88	10/91	V6		OHV	3.8	EFI	FPVLN *					* Internal Pump
	VN Station Wagon		08/88	10/91	V8		OHV	5.0	EFI	FPVLN *					* Internal Pump
	VN Station Wagon		08/88	10/91	V6		OHV	3.8	EFI	FPVKL *					* External Pump
	VN-VP		08/88	06/93	V8		OHV	5.0	EFI				VNST		
	VN-VP		08/88	06/93	V6		OHV	3.8	EFI	FPVNS			VNST		
	VN-VP		08/88	12/94	V8		OHV	5.0	EFI	FPVNS			VNST	TPSVNP	
	VN-VP Series I		08/88	06/93	VH		V6	OHV	3.8	EFI				TPSVNP	
	VN-VR		10/88	04/95			V8	OHV	5.0	EFI	IDLVNYN				
	VN-VS Sedan and s/wag		08/88	06/99			V6	OHV	3.8	EFI	FPVNS *	MSVNY			* With single intank pump
	VN-VS Sedan and s/wag		08/88	06/99			V8	OHV	5.0	EFI	FPVNS *	MSVNY			* With single intank pump
	VN-VY		10/88	04/06			V6	OHV	3.8	EFI	IDLVNYN				
	VP Series II-VY		12/94	03/06	VH		V6	OHV	3.8	EFI				TPSVRY	
	VR-VS		07/93	06/99			V6	OHV	3.8	EFI			VRST **		** Also suits VS with transmission type 95
	VR-VS		07/93	06/99			V8	OHV	5.0	EFI			VRST **		** Also suits VS with transmission type 95
	VR-VT Series I		07/93	07/99	Black			OHV	5.0	EFI				TPSVRY	
	VS		04/95	06/99			V6	OHV	3.8	EFI			VSST * / VRST **		* VSST suits transmission type 96,97,98,99 ** VRST if transmission 95
	VS		04/95	06/99			V8	OHV	5.0	EFI			VSST * / VRST **		* VSST suits transmission type 96,97,98,99 ** VRST if transmission 95
	VT Series I S/Wagon		08/97	06/99			V8	OHV	5.0	EFI	FPVTY				
	VT Series I Sedan		08/97	06/99			V8	OHV	5.0	EFI	FPVTY				
	VT-VX		06/99	09/02	Gen111		V8		5.7		IDLGEN				
	VT-VY		07/99	03/06	GEN III		V8	OHV	5.7	EFI				TPSVTY	
	VT-VY Sedan and s/wag		08/97	03/06			V6	OHV	3.8	EFI	FPVTY	MSVNY			Non supercharged
	VT-VY Sedan, Ute and s/		06/99	03/06			V8	OHV	5.7	EFI	FPGEN				
	VU Ute		03/00	02/06			V6	OHV	3.8	EFI	FPVTY				Non supercharged
<i>Rodeo</i>															
	TFR17		07/88	06/98	4ZE1		4	SOHC	2.6	EFI	FP51MM				
<i>Vectra</i>															
	JR		06/97	08/98	C20SEL		4	DOHC	2.0	EFI	IDLVAN			TPSAST	
	JS		08/98	03/06	C22SEL		4	DOHC	2.2	EFI	IDLVAN			TPSAST	

HYUNDAI

Accent

Sedan/Hatch	03/03	12/05	G4ECX	4	DOHC	1.6						MSHA			
Sedan/Hatch	03/03	12/05	G4ECX	4	DOHC	1.5						MSHA			

Elantra

SECTION 2 :: SENSORS AND PUMPS

Make	Model	Series	From	To	Engine	Cyl	Type	Size	System	Fuel Pumps	Idle Speeds	Map Sensors	Speed Sensors	TPS Switches	Notes
<i>Elantra</i>															
	XD Sedan/Hatch		10/00	09/03		4	DOHC	1.8	MPFI					MSHA	
	XD Sedan/Hatch		10/00	12/05		4	DOHC	2.0	MPFI					MSHA	
<i>Excel</i>															
	X2		01/90	10/94	G4DJ	4	SOHC	1.5	EFI	FPDHY *				TPSCCL #	* With 22.5mm diameter inlet # 11/92 TO 10/94
	X2		01/90	11/92	G4DJ	4	SOHC	1.5	EFI		IDLMMH				
	X2		11/92	10/94	G4DJ	4	SOHC	1.5	EFI		IDLHYELN				
	X3		06/94	06/00	G4EK	4	SOHC	1.5	EFI		IDLHYELN				0280140505
	X3		01/98	06/00	G4FK		DOHC	1.5	PFI		IDLHOSN				
	X3		01/98	06/00	G4FK	4	DOHC	1.5	EFI					MSHY	
<i>Getz</i>															
	Hatch		10/02	12/05	G4ECX	4	DOHC	1.5						MSHA	
<i>Lantra</i>															
	GL/GLS		08/95	01/99		4	DOHC	1.8	MPFI					MSHL	
	Lantra		03/91	10/92	G4CRL	4	DOHC	1.6	EFI		IDLANN				
	Lantra		10/92	08/95	G4CNM	4	DOHC	1.8	EFI		IDLANN				35103-33020
	Lantra		08/95	01/99	G4GMR	4	DOHC	1.8	EFI		IDLHYSN				
	SE/GLS		03/99	10/00		4	DOHC	1.8	MPFI					MSHL	
	SE/GLS		03/99	10/00		4	DOHC	2.0	MPFI					MSHL	
<i>S Coupe</i>															
	S Coupe		07/90	10/92	G4DJ	4	SOHC	1.5	EFI		IDLMMH				
	S Coupe		10/92	07/96	ALPHA	4		1.5	TURBO		IDLHYELN				
<i>Sonata</i>															
	Sonata		03/89	10/93	G4CSK	4	DOHC	2.4	EFI		IDLMMH				
	Sonata		04/92	04/95	G4CP	4	DOHC	2.0	EFI		IDL4MAGN				35103-33020
	Sonata		04/92	03/97	G6AT		DOHC	3.0	EFI		IDL6MAGN				35103-33030
	Sonata		05/95	06/96	G4CP	4	DOHC	2.0	EFI		IDLSON				35104-33445
	Sonata		03/97	03/00	G6AT		DOHC	3.0	EFI		IDLHOSN				35150-33010
	Sonata		08/98	03/00	G4JP	4	DOHC	2.0	EFI		IDLHOSN				35150-33010
KIA															
<i>Mentor</i>															
	5 DR Hatchback		12/96	03/98	24V	V6	DOHC	2.5						IDLKCN	
<i>Sportage</i>															
	Sportage		12/96	02/98	FE	4	DOHC	2.0	EFI		IDLHYELN *				* with Bosch type idle speed OE 0280140505
MAZDA															

SECTION 2 :: SENSORS AND PUMPS

Make	Model	Series	From	To	Engine	Cyl	Type	Size	System	Fuel Pumps	Idle Speeds	Map Sensors	Speed Sensors	TPS Switches	Notes
<i>121</i>															
	121		11/90	12/02	B3 / B5	1.3	SOHC	4.0	EFI	FP38LS *					* 38mm Fuel Pump
<i>323</i>															
	323		10/85	10/89	BP	1.8	SOHC	4.0	EFI	FP51MM *					* 51mm Fuel Pump
	323		10/85	10/89	B6	1.6	SOHC	4.0	EFI	FP51MM *					* 51mm Fuel Pump
	323		10/89	09/98	B6	1.6	SOHC	4.0	EFI	FP51MM *					* 51mm Fuel Pump
	323		10/89	09/89	BP	1.8	DOHC	4.0	EFI	FP51MM *					* 51mm Fuel Pump
	323		10/89	09/98	KF	V6	DOHC	1.8	EFI	FP51MM *					* 51mm Fuel Pump
<i>626</i>															
	626		10/87	01/92	F2	2.2	SOHC	4.0	EFI	FP51MM *					* 51mm Fuel Pump
	GE S/Wagon		01/92	08/97	F2	2.2	SOHC	4.0	EFI	FP51MM *					* 51mm Fuel Pump
	GE-GF Sedan		01/92	08/92	KL	V6	DOHC	2.5	EFI	FPMS *					* 38mm Fuel Pump
	GE-GF Sedan		01/92	08/02	FS	2.0	SOHC	4.0	EFI	FP38LS *					* 38mm Fuel Pump
	GF S/Wagon		08/92	08/02	FS	2.0	SOHC	4.0	EFI	FP38LS *					* 38mm Fuel Pump
<i>929</i>															
	HD-HE		07/91	11/97	JEZE	V6	DOHC	3.0	EFI	FPMS *					* 38mm Fuel Pump
<i>B2600</i>															
	2WD		12/91	01/98	G6E	4	SOHC	2.6	EFI	FP51MM *					* 51mm Fuel Pump
	2WD-4WD		01/98	12/04	G6E	4	SOHC	2.6	EFI	FP38MM *					* 38mm Fuel Pump
<i>Mazda</i>															
	Mazda									FPMS *					* Late V6 fitted with 38mm fuel pump
<i>MX6</i>															
	MX6		11/91	09/97	KL	V6	DOHC	2.5	EFI	FP38LS *					* 38mm Fuel Pump
mitsubishi															
<i>3000GT</i>															
	3000GT		10/92	05/93	5G72		DOHC	3.0	EFI		IDL6MAGN **				** Idle Speed Motor, Original Equipment No: MD628053
<i>Challenger</i>															
	PA		03/98	03/06	6G72		DOHC	3.0	EFI		IDLTEMAG **				** Idle Speed Motor, Original Equipment No: MD628059
<i>Galant</i>															
	HG-HH		05/89	04/93	4G63	4	DOHC	2.0	EFI		IDL4MAGN **				** Idle Speed Motor, Original Equipment No: MD628051
	HG-HH		05/89	04/93	4G63	4	SOHC	2.0	EFI		IDL4MAGN **				** Idle Speed Motor, Original Equipment No: MD628051
	HH (DOHC and TURBO)		09/90	03/93	4G63	4		2.0	EFI				TPSCCL #		# 3 pin TPS Switch

SECTION 2 :: SENSORS AND PUMPS

Make	Model	Series	From	To	Engine	Cyl	Type	Size	System	Fuel Pumps	Idle Speeds	Map Sensors	Speed Sensors	TPS Switches	Notes
<i>Galant</i>															
	HJ		04/93	10/96	4G63	4	DOHC	2.0	EFI		IDLMHN **				** Idle Speed Motor, Original Equipment No: MD614351
<i>Lancer</i>															
	CA-CB		08/88	05/90	4G15	4	SOHC	1.5	EFI		IDLMHN **				** Idle Speed Motor, Original Equipment No: MD614351
	CA-CB		09/89	09/92	4G15	4	SOHC	1.5	EFI					TPS4PM #	# 4 pin TPS switch
	CC		09/92	08/93	4G92	4	SOHC	1.6	EFI					TPS4PM #	# 4 pin TPS switch
	CC		08/93	07/95	4G92	4	SOHC	1.6	EFI		IDLMLN **				** Idle Speed Motor, Original Equipment No: MD614696
	CC		08/93	07/95	4G93	4	SOHC	1.8	EFI		IDLMLN **				** Idle Speed Motor, Original Equipment No: MD614696
	CC		08/93	07/96	4G92	4	SOHC	1.6	EFI		IDLMLN **			TPSCCL #	** Idle Speed Motor, Original Equipment No: MD614696 # 3 pin TPS switch
	CC		08/93	07/96	4G93	4	SOHC	1.8	EFI					TPSCCL #	# 3 pin TPS switch
	CC		07/96	01/06	4G93	4	SOHC	1.5	EFI			MSFM			
	CE		07/96	12/05	4G93		SOHC	1.8	EFI		IDLCEN				
<i>Lancer</i>															
										FPMS *					* Fitted with 38mm pump
<i>Magna</i>															
	TE		03/97	06/97	4G64	4	SOHC	2.4	EFI	FP38MM	IDLTE4N **				** Idle Speed Motor, Original Equipment No: MD614921
	TE		03/97	06/97	6G72	V6	SOHC	3.0	EFI	FP38MM	IDLTEMAGN **				** Idle Speed Motor, Original Equipment No: MD628059
	TF		06/97	03/99	6G74	V6	DOHC	3.5	EFI	FP38MM	IDLTEMAGN **				** Idle Speed Motor, Original Equipment No: MD628059
	TF		06/97	03/99	4G64	4	SOHC	2.4	EFI	FP38MM	IDLTE4N **				** Idle Speed Motor, Original Equipment No: MD614921
	TH		03/99	08/00	6G74	V6	DOHC	3.5	EFI	FP38MM	IDLTEMAGN **				** Idle Speed Motor, Original Equipment No: MD628059
	TJ		08/00	02/06	6G72	V6	DOHC	3.0	EFI	FP38MM	IDLTEMAGN **				** Idle Speed Motor, Original Equipment No: MD628059
	TJ		09/00	02/06	6G74	V6	DOHC	3.5	EFI	FP38MM	IDLTEMAGN **				** Idle Speed Motor, Original Equipment No: MD628059
	TL		03/06	04/06	6G74	V6	DOHC	3.5	EFI		IDLTEMAGN **				** Idle Speed Motor, Original Equipment No: MD628059
	TM		05/86	03/87	4G54	4		2.6	CARB	FPHMT *					* W/In tank electric pump
	TN		04/87	05/89	4G54	4		2.6	CARB	FPHMT					
	TN		04/87	04/89	4G54	4		2.6	EFI	FP51MM					
	TN		04/87	05/89	4G54	4	SOHC	2.6	EFI	FP51MM	IDLTNMAGN **				** Idle Speed Motor, Original Equipment No: AW320294

SECTION 2 :: SENSORS AND PUMPS

Make	Model	Series	From	To	Engine	Cyl	Type	Size	System	Fuel Pumps	Idle Speeds	Map Sensors	Speed Sensors	TPS Switches	Notes
<i>Magna</i>															
	TP		06/89	07/91	4G54	4		2.6	CARB	FPHMT					
	TP		06/89	07/91	4G54	4	SOHC	2.6	EFI	FP51MM	IDLTNMAGN **				** Idle Speed Motor, Original Equipment No: AW320294
	TR		04/91	03/94	4G54	4	SOHC	2.6	CARB	FPHMT	IDL4MAGN **				** Idle Speed Motor, Original Equipment No: MD628051
	TR		04/91	03/94	4G54	4	SOHC	2.6	EFI	PF38MM	IDL4MAGN **			TPS4PM	** Idle Speed Motor, Original Equipment No: MD628051
	TR		04/91	03/94	6G72	V6	SOHC	3.0	EFI	FP38MM	IDL6MAGN **			TPS4PM	** Idle Speed Motor, Original Equipment No: MD628053
	TS		03/94	04/95	4G54	4	SOHC	2.6	CARB	FPHMT	IDL4MAGN **				** Idle Speed Motor, Original Equipment No: MD628051
	TS		03/94	04/95	4G54	4	SOHC	2.6	EFI	FP38MM	IDL4MAGN **			TPS4PM	** Idle Speed Motor, Original Equipment No: MD628051
	TS		03/94	04/95	6G72	V6	SOHC	3.0	EFI	FP38MM				TPS4PM	
<i>Mirage</i>															
	CE		07/96	01/06	4G15	4	SOHC	1.5	EFI			MSFM			
	CE		07/96	07/97	4G15	4	SOHC	1.5	EFI		IDL6MAGN **				** Idle Speed Motor, Original Equipment No: E9T15271
	Mirage									FPMS *					* Fitted with 38mm pump
<i>Nimbus</i>															
	UF		08/93	07/98	4G64	4	SOHC	2.4	EFI		IDLMLN **				** Idle Speed Motor, Original Equipment No: MD614698
<i>Pajero</i>															
	NF-NH		01/88	07/97	4G54	4	SOHC	2.6	EFI		IDL4MAGN **				** Idle Speed Motor, Original Equipment No: MD628051
	NF-NJ		01/88	07/97	6G72	V6	SOHC	3.0	EFI		IDL6MAGN **				** Idle Speed Motor, Original Equipment No: MD628053
	NH-NJ		03/91	10/96	6G72/74	V6		3.0-3.5	EFI		IDL6MAGN **			TPSPV6	
	NJ-NL		01/97	04/99	6G74	V6	DOHC	3.5	EFI		IDLTEMAGN **				** Idle Speed Motor, Original Equipment No: MD628059
	NM-NP		03/00	04/06	6G74	V6	DOHC	3.5	EFI		IDLNMN **				
<i>Starwagon</i>															
	WA		08/94	11/96	6G72	V6	DOHC	3.0	EFI		IDLTEMAGN **				** Idle Speed Motor, Original Equipment No: MD628059
<i>Triton</i>															
	MH-MJ		08/92	08/96	6G72	V6	SOHC	3.0	EFI		IDL6MAGN **				** Idle Speed Motor, Original Equipment No: MD628053
	MK		06/96	04/06	6G72	V6	SOHC	3.0	EFI		IDLTEMAG **				** Idle Speed Motor, Original Equipment No: MD628059

SECTION 2 :: SENSORS AND PUMPS

Make	Model	Series	From	To	Engine	Cyl	Type	Size	System	Fuel Pumps	Idle Speeds	Map Sensors	Speed Sensors	TPS Switches	Notes
<i>Triton</i>															
	MK		10/96	08/00	4G64	4	SOHC	2.4	EFI		IDLTE4N **				** Idle Speed Motor, Original Equipment No: MD614713 / Supplied as motor only reuse original tip
<i>Verada</i>															
	KE		03/97	06/97	6G72	V6	SOHC	3.0	EFI	FP38MM	IDLTEMAGN **				** Idle Speed Motor, Original Equipment No: MD628059
	KF		06/97	03/99	6G74	V6	SOHC	3.5	EFI	FP38MM	IDLTEMAGN **				** Idle Speed Motor, Original Equipment No: MD628059
	KH		03/99	08/00	6G74	V6	SOHC	3.5	EFI	FP38MM	IDLTEMAGN **				** Idle Speed Motor, Original Equipment No: MD628059
	KJ		09/00	02/06	6G74	V6	DOHC	3.5	EFI	FP38MM	IDLTEMAGN **				** Idle Speed Motor, Original Equipment No: MD628059
	KJ		09/00	02/06	6G72	V6	DOHC	3.0	EFI	FP38MM	IDLTEMAGN **				** Idle Speed Motor, Original Equipment No: MD628059
	KL		03/06	04/06	6G74	V6	DOHC	3.5	EFI		IDLTEMAGN **				** Idle Speed Motor, Original Equipment No: MD628059
	KR		04/91	03/94	6G72	V6	SOHC	3.0	EFI	FP38MM	IDL6MAGN **				** Idle Speed Motor, Original Equipment No: MD628053
	KS		03/94	01/96	6G72	V6	SOHC	3.0	EFI	FP38MM	IDL6MAGN **				** Idle Speed Motor, Original Equipment No: MD628053

NISSAN

<i>Navara</i>															
	D21-D22 *		06/95	12/00	VG30E	V6		3.0	EFI	FPNN *					* 38mm pump
	D21-D22 *		06/95	12/00	Z24	4		2.4	EFI	FPNN *					* 38mm pump
<i>Nissan</i>															
	Nissan									PF51NI *					* With Japanese 51mm Fuel Pump
<i>Pintara</i>															
	U12 (FWD)		11/89	04/93	CA20E	4	SOHC	2.0	EFI		0280140147				
<i>Pulsar</i>															
	N14		10/91	08/95	SR20DE	4	DOHC	2.0	EFI	FP51NI					
	N14		10/91	08/95	GA16DE	4	DOHC	1.6	EFI	FP51NI					
<i>Skyline</i>															
	Automatic Transmission		07/86	12/90	RB30	6	DOHC	3.0	EFI					TPSVLSA	
	Manual Transmission		07/86	12/90	RB30	6	SOHC	3.0	EFI					TPSVLSM	

SAAB

<i>SAAB</i>															
	900 (K- Electronic)		01/76	07/85	BE20	4	OHV	2.0	EFI		0 580 254 984				

SECTION 2 :: SENSORS AND PUMPS

Make	Model	Series	From	To	Engine	Cyl	Type	Size	System	Fuel Pumps	Idle Speeds	Map Sensors	Speed Sensors	TPS Switches	Notes
SAAB															
	Turbo (K- Electronic)		01/76	07/85	BE20	4	OHV	2.0	EFI		0 580 254 984				
SUZUKI															
<i>Swift</i>															
	Swift				G13B		SOHV	1.3	EFI	FPMS *					* Fitted with 38mm pump
<i>Vitara</i>															
	Vitara				G16B		SOHV	1.6	EFI	FPMS *					* Fitted with 38mm pump
TOYOTA															
<i>Camry</i>															
	MCV20		08/97	03/06	1MZ-FE	V6		3.0	EFI	FP38LS					
	SV20		05/87	08/89	1S-E	4		1.8	CARB	FP51MM					
	SV21		01/88	08/89	3SFC	4		2.0	CARB	FPHMT					
	SV21		01/88	02/93	3SFE	4		2.0	EFI	FP51MM					
	SV22		01/88	08/89	3SFC	4		2.0	CARB	FPHMT					
	SXV20		08/97	02/06	5SFE	4		2.2	EFI	FP38LS					
	VZV21		06/88	02/93	2VZ-FE	V6		2.5	EFI	FP51MM					
<i>Toyota</i>															
	Toyota									FP51MM *					* With 51mm fuel pump
VOLKSWAGON															
<i>Transporter</i>															
	AC		09/94	08/96	8V			2.5	EFI		IDLWWTN				

