

MAKE & MODEL	SENSING DEVISE	PRESSURE (KPA)	S/FLOW LTR/HR	IJ/FLOW CC/MIN
ALFA:				
Alfa Romeo all Models 4 cyl engine	VAF	250 - 300	110	7.2 - 10
Alfa Romeo all Models 6 cyl engine	VAF	250 - 300	120	10 to 15
Alfa 3.0 L V6 164	VAF	250 - 300	120	15 to 16
AUDI:				
Audi 80 2.0 E 1991	K-Jetronic	500 - 520	140	CONSTANT
BMW:				
323i	K-Jetronic	500	100	CONSTANT
1982 528i	VAF	260 - 300	135	10 to 12
635 M6 3.5 L		250 - 300	130	14
735i	*	250 - 300	130	12 to 15
1989 E34	*	250 - 300	120	12 to 15
318i	*	250 - 300	110 - 120	7 to 11
850 V8 (2 Engines 2 Systems)	VAF	250 - 300	120 - 140	15 to 20
CITROEN:				
Citreon BX19 1905cc 1988		250	140	6
DAEWOO:				
Lanos 1.5 L		250 - 300	100	6
DAIHATSU:				
Charade 1989/92	MAP	227 - 276	70	5
Applause 1989/92	MAP	227 - 276	90	6
FIAT:				
FIAT Regatta INTENZIONE	VAF	250 - 0 300	100	6.5 to 7
FORD:				
Laser TX3I 1986	VAF	210 - 290	95	5
KC Laser, GC Meteor 1985-87	VAF	210 - 290	95	5.5
KE Laser, 1987-90	VAF	220 - 300	120	6.2
KF/KH	VAF	250 - 300		5.8
Laser 1.8 L Twin Cam 1991-94 KH	VAF	240 - 300	110	5.8
Capri SOHC 1989-90	VAF	240 - 300	110	5.8 to 7
Capri DOHC TURBO	VAF	250 - 300	100	6.8
Corsair UA 2L 1989-92	HW	250 - 300	120	6.2
Corsair UA 2.4L 1989-92	HW	250 - 300	120	7.2 to 8
Ford Courier 2.6L 1992	HW	200 - 250	70	8
AT Telstar 1987-89,AT-AV TX5 1987-90	VAF	250 - 280	90	5.2 to 6.5
Ford Telstar V6 Quad Cam 1993		250 - 280	90	7.2 to 8
XE Falcon, XK Fairlane,FD LTD 1983-84	VAF	200 - 250	110	10 to 15
XF Falcon, ZL Fairlane, FE LTD 1984-88	VAF	200 - 250	110	10 to 15
EA,EB Falcon, NA,NC Fairlane,DA,DC	MAP	200 - 250	90 - 100	11
EA Falcon (T/Body injection) 1989	MAP	100	80 - 90	10 to 12
EF Ford 6 cyl. ext. manifold.	MAP	250 - 300	130	11 to 14
EL Falcon 1997	MAP	250	90 - 110	10 to 12
Bronco 5.0 ltr. V8	MAP	250 - 300	125 - 140	15 to 18
Bronco 5.8 ltr. V8	MAP	250 - 300	130	18 to 20
Fairlane ED, FE, NA Multi	MAP	250 - 280	120	11 to 12
Fairlane NA CFI	MAP	100	70 - 80	11
Fairmont EF 6 Cyl. 1994	MAP	250 - 300	130	11 to 14

FAIRMONT EF 8 Cyl. 1994	MAP	250 - 300	135	15 to 18
MAKE & MODEL	SENSING DEVISE	PRESSURE (KPA)	S/FLOW LTR/HR	IJ/FLOW CC/MIN
FORD:				
Fairmont Ghia V8 5.0ltr. 1994	MAP	250 - 300	135	15 to 18
Fairmont Ghia 6 Cyl. 1994	MAP	250 - 300	120	11
Falcon EA CFI 3.2 ltr.	MAP	100	70 - 80	11
Falcon EA CFI 3.9 ltr	MAP	100	70 - 80	11 to 12
Falcon EA Multipoint	MAP	200 - 250	90 - 100	11
Falcon EB series 2	MAP	225 - 280	130 - 140	10 to 11
Falcon EB CFI	MAP	100	70 - 80	11
Falcon EB Multipoint	MAP	225 - 280	130 - 140	10 to 11
Falcon EB V8	MAP	250 - 300	135	14 to 16
Falcon ED 4.0 ltr. Multipont	MAP	250 - 280	120	11 to 12
Falcon ED 5.0 ltr. SEFI	MAP	250 - 290	130 - 140	14 to 16
Falcon XR 6 cyl.	MAP	250 - 300	110 - 120	10 to 11
Falcon XR 8 cyl.	MAP	240 - 290	120	16 to 18
Falcon EF 6 cyl.	MAP	250 - 300	120	11 to 14
Falcon EF 8 cyl	MAP	240 - 290	120	16
Falcon EF XR 6 cyl	MAP	250 - 300	130	11
Falcon EL 6 cyl	MAP	250 - 300	110 - 120	11
HOLDEN:				
Barina City		250 - 300	100	5
Isuzu 1989 RLJ 2.5L vac sens probe	VTX	250 - 300	140	8.2
JK,JL Apollo 1989-92	VAF	250 - 300	90	4.9 to 5
LD Astra, TBI	MAP	100	70 - 80	7.2 to 8
LD Astra, 1.8 engine 1987-89	MAP	200 - 250	110	7.2
JD Camira 1984-85	VAF	200 - 250	120	6.2 to 7
JD Camira TBI	MAP	100	70 - 80	7.2 to 8
JE Camira, 1987-89	MAP	240 - 300	110	6.5
Camaro 5.0ltr.	MAP	250 - 300	130	14 to 15
Nova LF 1.4 L	MAP	250 - 0 300	100	6
Nova LF 1.6 L	MAP	250 - 300	100	7 to 8
Nova 1991/92	MAP	250 - 300	100	7 to 8
VK Commodore EFI	VAF	250 - 300	120	10 to 11
VK Commodore, Calaise 1984-86	*	250 - 300	120	10 to 11
VL Commodore, Turbo	MAP	250 - 300	130	11 to 14
VL Commodore, V8	MAP	250 - 300	130	18 to 20
VL Commodore, Calaise 1986-88	HW	200 - 250	120	10 to 11
VL Commodore, Calaise 1986-88	HW	200 - 250	140	7 to 8
VN,VP,VR Commodore V6 1988-93	MAP	250 - 300	140	10 to 12
VP Commodore V8 1991 (single pump)	MAP	250 - 300	140	20 to 21
VN Commodore, Calais V8 1988-90	MAP	250 - 300	130	20 to 21
(Has 2 pumps, problem internal leak by split hose ect.)				
VR Commodore, V6 Auto	MAP	250 - 300	140	11 to 12
VR Commodore, V6 Manual	MAP	250 - 300	140	11 to 12
VR Commodore, V8 Auto	MAP	250 - 300	140	18 to 20
VR Commodore, V8 Manual	MAP	250 - 300	140	18 to 20
VR Clubsport 185 V8 Manual	MAP	250 - 300	140	20 to 21
VS Commodore, V6 Manual	MAP	250 - 300	140	11 to 12
VS Commodore, V8 1996	MAP	250 - 300	140	18 to 20
VS HSV 185 V8 Auto	MAP	250 - 300	140	20 to 21
VT Commodore, V6 1997	MAP	250 - 280	90 - 110	10 to 11
VT HSV 195 V8 Auto	MAP	250 - 300	100	23
Firebird 5.0 L.	MAP	250 - 300	120	15 to 18
Firebird 5.7L.	MAP	250 - 300	120	18 to 20

Jackaroo 1989	*	250 - 300	110	11
Piazza 1986	*	250 - 300	110	11 to 12
MAKE & MODEL	SENSING DEVISE	PRESSURE (KPA)	S/FLOW LTR/HR	IJ/FLOW CC/MIN

HOLDEN:

Rodeo 1987-88	HW	200 - 250	120	10 to 11
Rodeo 1988-90	HW	200 - 250	120	10 to 11
Rodeo 1990-95	HW	200 - 250	120	10 to 11
Rodeo 1998 V6 LX	MAP	220 - 250	90	11 to 12
(Turn mixture screw in the plug of the wiring harness above the Computer for 10-11 cc/min)				
Statesman Series 1	MAP	250 - 300	130	18 to 20
Statesman Series 11	MAP	250 - 300	130	18 to 20

HONDA:

Accord 2.0	VAF	280 - 300	100	5 to 7
Civic 1989	MAP	250 - 300	90	4.9 to 5
CRX 1.6 L	MAP	250 - 300	90	4.9 to 5
Integra 1.6	MAP	250 - 300	90	5 to 6.8
Legend 2.5L	MAP	250 - 300	90	8 to 9
Legend 2.7L	MAP	250 - 300	90	10
Prelude PGM-FI 1987	MAP	250 - 300	90	8 to 9
Prelude 1992	MAP	250 - 300	90	4.9 to 5
Honda Prelude	MAP	250 - 300	90	5 to 6.8
Honda 1.6 L 16 Valve 1988	MAP	250 - 300	100	5 to 7

HYUNDAI:

Excel 1990	MAP	240 - 250	90	5
Excel 1992	MAP	240 - 250	90	5 to 6.8
Excel 1993	MAP	240 - 250	90	5 to 6.8
Excel 1994	MAP	240 - 250	90	5 to 6.8
Excel 1997	MAP	240 - 250	90	5
Excel 1999 1.5 Ltr Twin Cam GX 16 Valve	MAP	240 - 250	90	6
Lantra 1992	MAP	250 - 300	100	5 to 6.8
Lantra 1993	MAP	250 - 300	90	5 to 6.8
Lantra 1994	MAP	250 - 300	100	6.8
Lantra 1997 1.8 16 Valve	MAP	250	90	6
S Coupe 1992	MAP	250 - 300	110	7 to 8
S Coupe 1993	MAP	250 - 300	110	5 to 6.8
S Coupe 1994	MAP	250 - 300	100	5 to 6.8
Sonata 1992 2.4ltr.	MAP	250 - 300	110	8
Sonata 1993	MAP	250 - 300	110	5 to 6.8
Sonata 1994	MAP	250 - 300	110	5 to 6.8
Sonata 3 Ltr	MAP	250 - 300	90	8

JAGUAR:

Sovereign 1987	VAF	260 - 310	100	20 to 21
XJSC 3.6 L	MAP	200 - 250	140	13 to 15
XJSC V12 1987		200 - 250	140	

JEEP:

1996 - 98 Jeep	HW	300 - 340		13
Cherokee 4.0 L	HW	300 - 340		16
Grand Cherokee	HW	300 - 340		18

MAZDA:

323 Series 1 1985-87	VAF	220 - 300	90	5 to 6
323 Series 2 1987-89	VAF	220 - 300	120	5 to 6

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323 SOHC 1989-92	VAF	250 - 300	110	5 to 6
323 Astina 1.8 L		250 - 300	90	5 to 6
MAZDA:				
Mazda Familia 1.5 L DOHC 1990		250 - 300	90	5 to 6
Mazda Capella 2L 16 Valve 1988	VAF	220 - 300	90	6 to 7
Mazda 121		250 - 300	90	5
626, MX-6 1987-89	VAF	250 - 300	100	10
626 16 Valve 2.0 L	VAF	250 - 300	90	6.2 to 7
626 2.2 L 1990-92	VAF	250 - 300	90	6.2 to 7
929 2.0 L 1984-86	VAF	250 - 300	90	5 to 6
929 1986- Turbo	VAF	220 - 300	90	5 to 7
929 1986-87	VAF	220 - 300	90	5 to 6
929 1987-89	VAF	220 - 300	90	6 to 7
Mazda Bravo B2600	VAF	220 - 250	90	6
MX-5 1993	VAF	220 - 300	90	5 to 6
RX7 1986	MAP	250 - 300	110	5 to 6
RX7 1986 Turbo	MAP	250 - 300	110	7 to 8
Bravo 2.6 L 1998 12 Valve	MAP	220 - 250	90	7 to 8
MITSUBISHI:				
CACB Lancer 1.5 L 1989-92	VTX	250 - 300	100	5.2
HGHH Galant SOHC 1988-92	VTX	250 - 300	100	6 to 7
TN-TP Magna 1987-90	VTX	250 - 300	90 - 100	6 to 7
Pajero 3L V6 1988-91	VTX	250 - 300	70	10
Pajero 1991 6G72	MAP	250 - 300	90	10 to 11
Colt 1989 DOHC	VTX	250 - 300	100	6.2
Colt 1989 SOHC	VTX	250 - 300	100	7.2
Cordia AA	VTX	250 - 300	100	5.2
Cordia AB	VTX	250 - 290	100	6.2
Cordia AC	VTX	250 - 280	100	7.2
Galant VR4 24 Valve V6 1993	VTX	250 - 280	100	7.2
Galant HJ 2.0 L. GA 12	VTX	250 - 300	100	5.2
Galant HG	VTX	250 - 300	100	5.2
Galant HH	VTX	250 - 300	100	5.2
L 300 Van 1991-95	MAP	206 - 255	100	6.8
Lancer CB 1.5 L	HW	200 - 250	120	8.5
Lancer CB 1.6 L DOHC	MAP	206 - 255	100	6.8
Lancer CB 1.6 L SOHC	MAP	206 - 255	100	6.8
Magna KF V6 3.5 Ltr 1994-96	HW	250 - 300	70	8 to 10
Magna TN	HW	200 - 250	70	8 to 10
Magna TP	HW	200 - 250	70	10 to 11
Magna TR 4 Cyl.	HW	200 - 250	70	6.5
Magna TR V6	HW	200 - 250	70	10 to 11
Magna TS 4 Cyl. 1994-96	HW	250 - 300	70	6 to 7
Magna TS V6 1994	HW	250 - 300	70	8
Magna V6 3.5 L 1999	HW	250 - 300	70	12
Mirage CE 1996	HW	250 - 300	70	6.8
Starion JA	HW	200 - 250	120	6 to 7
Starion JB	HW	200 - 250	120	6 to 7
Starion JD	MAP	206 - 255	100	6.8
Verada KR V6 1992	HW	200 - 250	70	10 to 11
Verada KS V6	HW	200 - 250	70	10 to 11
MERCEDES:				
280 CE	HW	250 - 300	110	5.2

190E	K-Jetronic	520	130	CONSTANT
K-JETRONIC SYSTEMS		520	140	CONSTANT
KE-JETRONIC		500 - 520	130	CONSTANT
MAKE & MODEL	SENSING DEVISE	PRESSURE (KPA)	S/FLOW LTR/HR	IJ/FLOW CC/MIN

NISSAN:

NISSAN: (vacuum sensor problems) NOTE:(#) DUAL PUMP VOLTAGE ON SOME MODELS!

Nissan Atessa		200 - 250	110	9
280 ZX 1979-1983	VAF	206 - 260	110	10
300 C 1984-	HW	250 - 300	110	5.2
300 ZX 1984-	HW	250 - 300	110	6 to 7.2
Nissan Bluebird	HW	200 - 250	120	10 to 11
Bluebird U13	HW	250 - 300	100	8.2
Nissan Bluebird ARX 1992		250 - 300	110	6.2
EXA 1.6 Twin Cam	VAF	200 - 250	100	7.5
EXA 1.8 Twin Cam	*	200 - 250	90	6.2
EXA N12 Turbo	VAF	200 - 250	110	10 to 11
Gazelle 1884	VAF	200 - 250	80	6.2
Maxima HJ 30	HW	200 - 250	80	8.2
Maxima HJ 31	HW	200 - 250	80	6.2
Navara D21-Z20	VAF	200 - 250	80	7.2
Navara VG 30-E V6	VAF	200 - 250	80	6.2
Patrol Y60	MAP	200 - 250 #	100	13
Datsun 280 ZX Turbo 6 Cyl		210 - 260	100	12 to 14
Pulsar, ET Turbo 1984	VAF	200 - 250	80	6.2
N13 Pulsar 1.6L 1988 (TBI)	MAP	100	80	5.5 - 6
N13 Pulsar 1.8L 1987-90	MAP	130 - 190 #	90	6
Pulsar 1992 2L	*	250 - 300	100	5.7
Pulsar N13 PFI	MAP	100	60 - 70	8
Pulsar N13 TBI	MAP	100	70	10
Pulsar N14	VAF	200 - 250	100	6.5
Pulsar GTI R Turbo		250 - 300	110	8
Pathfinder 3.0 L V6		250 - 300	110	15
Pintara 1986-89	VAF	210 - 260 #	90	6.2
Gazelle 2.2L 1984	VAF	200 - 250	100	6.5
Pintara 2.0L 1989-90	HW	250 - 300	110	5.2
Pintara 2.4L 1989-92	HW	250 - 300	90	7
R30 Skyline 1981-86 R30	VAF	200 - 250	100	10
R31 Skyline 1986-90 R31	HW	210 - 260	100	10
Sylvia 1988		210 - 260	100	8 to 9
Terano V6 300		210 - 260	100	10 to 12
XFN Ute 4.1 L.	HW	210 - 260	110	10 to 14

PEUGEOT:

Peugeot 309	VAF	250 - 300	100	6.5
Peugeot 405	VAF	250 - 300	100	13

PROTON:

Proton 1.5 L GL	MAP	200 - 255	100	6.8
Proton 1.6L XL	MAP	200 - 255	100	7 to 8

PORSCHE:

Porsche 944 Turbo		250	160	19
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ROVER:

1989 Vitesse V6 2.4L 24 valve	*	200 - 250	90	11
Range Rover V8		200 - 250	90	16

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SUBARU:				
1600 cc 1983-1985	MAP	206 - 255	100	6.8
1800 cc 1987-1989	MAP	206 - 255	100	6.8
Sports 1989	VTX	200 - 250	100	7.3
Liberty 1989-92	MAP	206 - 255	100	6.8
Liberty GX 4WD 1993	MAP	206 - 255	100	10
2000 cc Turbo 1995	HW	206 - 255	145	6.8
WRX		255 - 300	145	8
SUZUKI:				
1988 T/C 16V 1300 (MAX F/PUMP 400)	MAP	200 - 250	80	5.5
Swift 1987 1.3 L GTI	MAP	200 - 250	100	6.8
Swift 1988 1.3 L GTI	MAP	200 - 250	100	6.8
Vitara	MAP	200 - 250	80	5.5
TOYOTA:				
Avante 1986 22R-E	VAF	250 - 300	80	9
Corolla 4A-FE & GE 1.6L 1989-92	MAP	230 - 300	80	4.9
Corolla AE 1993 4 AGE 1600 TC	MAP	220 - 300	80	5.2
Starlet Life Twincam 1332cc 1997	MAP	230 - 300	90	4
Corona, Celica 22R-E 2.4L 1985 CSI	VAF	250 - 300	90	7.2
Corona, 16 Valve EFI 2.0 L 1990	VAF	250 - 300	90	5
Celica ST162RL 21 1983	VAF	250 - 300	90	5.3
Celica 5S-FE 2.2L 1990/92	MAP	250 - 300	90	6.2
Celica RA65 84 2.4L 1990-92	MAP	250 - 300	90	7 to 8
Celica 1986-90 CSI	VAF	250 - 300	90	4.9 to 6
Celica ST162 3SEG 2.L 1986-90 CIS	VAF	250 - 300	90	4.9 to 6
Celica ZZT231R 2.0L 2000	MAP	330		4.9 to 6
Camry SV11 2S-E 2.0L 1983-85	VAF	250 - 300	90	4.9 to 5.2
Camry SV11 2S-E 2.0L 1986-87	VAF	250 - 300	90	4.9
Camry SV20 IC-CI 1.8L 1987-89	MAP	250 - 300	90	5.2 to 6
Camry SV21 1987-90 3S-FE 2.0L	VAF	250 - 300	90	4.9
Camry 5SFE 4 Cyl 1998 2.2L	MAP	345	90	7
Camry VZV21 2VZ-FE 2.5L V6 1988-90	VAF	250 - 300	100	6.5
Grande	VAF	250 - 300	90	5 to 7
Cressida 1981-85, Crown 1980-85 5ME 2.8L	VAF	250 - 300	110	10 to 11
Cressida 1989 7MFG 31 CIS	VAF	250 - 300	70	8
Cressida 1990 model 7MGE 3L CIS	VAF	250 - 300	80	9
HI Ace 2RZ-E	VAF	250 - 300	80	9
HI Lux 22- RE	VAF	250 - 300	80	8 to 9
Landcruiser (Dual P/voltage) 1FZ-FE	VAF	250 - 300	90	10 to 14
Landcruiser V8 100 Series *		300	40/95	20
* Variable Load Output. Off-load 40l/hr. Road test 140 l/h, 95 l/h tested with Toyota Coder Unit				
Lexen (see Holden VN,VR,VP				
4Runner 3VZ-FE	VAF	250 - 300	90	10 to 11
Rav 4 2 L 1996		250 - 300	90	4.9 to 6
Suppra 7M-GE	VAF	250 - 280	90	7 to 9
Tarago 4YE 2.2L 1986-90 3S-FE CIS	VAF	250 - 300	90	6 to 7
VOLVO:				
All K-JETRONIC Series 4 Cyl.		500 - 520	120	CONSTANT
All K-Jetronic Series 6 Cyl.		500 - 520	120	CONSTANT

7 Series

250 - 300

110

10 to 11

MAKE & MODEL	SENSING DEVISE	PRESSURE (KPA)	S/FLOW LTR/HR	IJ/FLOW CC/MIN
PORSCHE:				
All K-JETRONIC models		500 - 520	120	CONSTANT
All EFI model 6 cyl.		250 - 300	140	12
VOLKSWAGEN:				
Golf	VAF	210 - 250	80	9
Golf II GLI	VAF	210 - 250	80	8
Golf II GLI	K-Jetronic	500 - 520	80	CONSTANT
Golf III GLI	VAF	210 - 250	110	9
Golf II GTI	K-Jetronic	500 - 520	100	CONSTANT
Type 3 Fastback/Station wagen	MAP	210 - 250	110	7.5 to 8
Passat/Polo/Golf 4cyl	*	250 - 300	120	6.8 to 7
Passat GT 2 L 16 V	K-Jetronic	500 - 520	100	CONSTANT
Santana 5 Cyl 20 Valve	VAF	210 - 250	110	10 to 11
Santana	K-Jetronic	500 - 520	100	CONSTANT
Transporter 1.8L	VAF	250 - 300	120	6.2 to 7
Transporter 1.9L and 2.1L	VAF	250 - 300	110	7.2 to 8
AUDI:				
ALL K-JETRONIC Models		500	140	CONSTANT
SAAB:				
ALL K-JETRONIC Models		500	120	CONSTANT

