

BLUE *dynamic* - 560 411 054 313 2

Informations générales

VARTA Références 560 411 054 313 2

Code ETN 560 411 054

Référence abrégée D48

Unité d'emballage 1

Etat de l'article 001

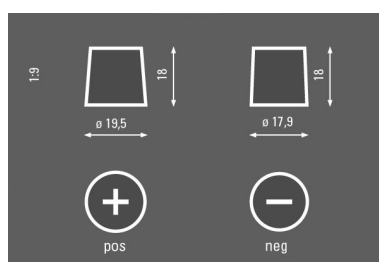
Informations Techniques

Voltage [V]	12	Longueur [mm]	232
Capacité (Ah)	60	Largeur [mm]	173
Courant d'essai à froid, DIN [A]		Hauteur [mm]	225
Courant d'essai à froid, NE [A]	540	Hauteur de fixation	204
Borne	1	Taille de bac	D23R
Rebord de fixation	B00		

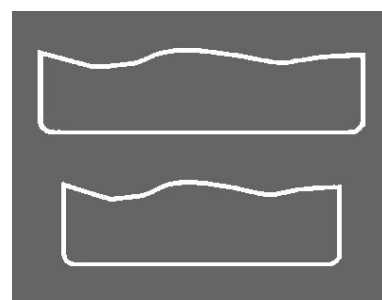
Représentation



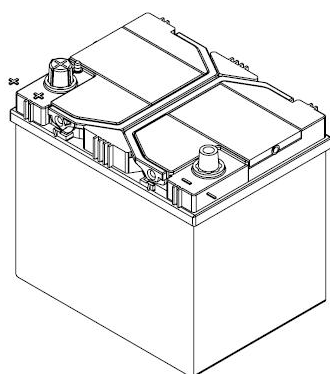
Photo



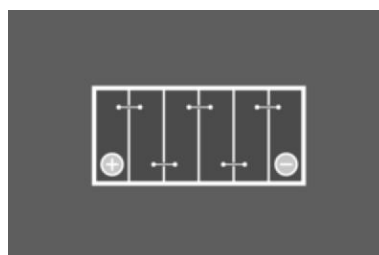
Borne



Listeau



Dessin technique



Disposition pôles

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ASTON MARTIN

CYGNET 04/11 10/13

1.3 (72 kW)

CHEVROLET

AVEO / KALOS 3/5 portes (T200) 02/03 05/08

1.2 (53 kW)

1.4 (61 kW)

1.4 16V (69 kW)

AVEO / KALOS 3/5 portes (T250, 06/06 T255)

1.2 (53 kW)

1.2 (55 kW)

1.2 (62 kW)

1.2 LPG (62 kW)

1.4 (74 kW)

AVEO / KALOS A trois volumes 03/05 (T250, T255)

1.2 (53 kW)

1.2 (55 kW)

1.2 (62 kW)

1.2 LPG (62 kW)

1.4 (61 kW)

1.4 (69 kW)

1.4 (74 kW)

1.5 (62 kW)

AVEO 3/5 portes (T300) 03/11

1.2 (51 kW)

1.2 (63 kW)

1.2 LPG (63 kW)

1.4 (74 kW)

1.6 (85 kW)

AVEO A trois volumes (T300) 03/11

1.2 (51 kW)

1.2 (63 kW)

1.4 (74 kW)

1.6 (85 kW)

CAPTIVA (C100, C140) 06/06

2.4 (123 kW)

2.4 4WD (123 kW)

2.4 (124 kW)

2.4 4WD (124 kW)

2.4 (126 kW)

2.4 4WD (126 kW)

2.4 (100 kW)

2.4 LPG (100 kW)

2.4 4WD (100 kW)

2.4 LPG 4WD (100 kW)

3.0 4WD (186 kW)

3.0 4WD (197 kW)

CHEVROLET

CAPTIVA (C100, C140) 06/06

3.0 Flexfuel (197 kW)

3.0 Flexfuel 4WD (197 kW)

2.2 D (120 kW)

2.2 D 4WD (135 kW)

EVANDA 03/05

2.0 (96 kW)

KALOS 03/05

1.2 (53 kW)

KALOS A trois volumes 03/05

1.2 (53 kW)

1.4 16V (69 kW)

LACETTI (J200) 03/03

1.4 16V (70 kW)

1.6 (80 kW)

1.8 (89 kW)

1.8 (90 kW)

LACETTI A trois volumes (J200) 03/03 03/13

1.4 (69 kW)

1.6 (80 kW)

LACETTI Break (J200) 08/03

1.6 (80 kW)

1.8 (90 kW)

CITROËN

DS 05/59 08/75

19 (59 kW)

19 (62 kW)

20 (66 kW)

20 (72 kW)

DS Décapotable 08/56 06/74

19 (61 kW)

21 (74 kW)

DAEWOO

KALOS (KLAS) 09/02

1.2 (53 kW)

1.4 (61 kW)

1.4 16V (69 kW)

KALOS A trois volumes (KLAS) 11/02 12/04

1.4 (61 kW)

1.4 (69 kW)

LACETTI A trois volumes 06/99 07/03

1.6 (78 kW)

LACETTI 3/5 portes (KLAN) 02/02

1.4 (70 kW)

1.6 (80 kW)

1.8 (90 kW)

LANOS (KLAT) 04/97

1.3 (55 kW)

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DAEWOO		HONDA	
LANOS (KLAT)	04/97	ACCORD III (CA)	11/85 12/89
1.5 (63 kW)		1.6 L (65 kW)	
1.5 (73 kW)		2.0 12V (75 kW)	
1.6 16V (78 kW)		2.0 EX (75 kW)	
LANOS A trois volumes (KLAT) 02/97		2.0 EX (76 kW)	
1.3 (55 kW)		2.0 EX (78 kW)	
1.5 (63 kW)		2.0 EXi (85 kW)	
1.6 16V (78 kW)		2.0 EXi (90 kW)	
MAGNUS	07/99	2.0 i 16V (98 kW)	
2.0 (96 kW)		2.0 i 16V (101 kW)	
NUBIRA (J100)	04/97	ACCORD III Aerodeck (CA)	11/85 12/89
1.6 16V (78 kW)		1.6 L (65 kW)	
2.0 CDX (93 kW)		2.0 EX (75 kW)	
2.0 16V (98 kW)		2.0 EX (76 kW)	
NUBIRA A trois volumes (J100) 04/97		2.0 EX (78 kW)	
1.6 16V (76 kW)		2.0 EXi (85 kW)	
1.6 16V (78 kW)		2.0 EXi (90 kW)	
2.0 (81 kW)		2.0 (101 kW)	
2.0 16V (93 kW)		ACCORD IV (CB)	11/89 12/93
NUBIRA Wagon (J100)	04/97	2.0 16V (66 kW)	
1.6 16V (66 kW)		2.0 16V (81 kW)	
1.6 16V (76 kW)		2.0 i 16V (98 kW)	
1.6 16V (78 kW)		2.2 i 16V (110 kW)	
2.0 16V (93 kW)		ACCORD IV Aerodeck (CB)	09/89 02/94
NUBIRA A trois volumes (J200) 07/03		2.0 i 16V (98 kW)	
1.4 (69 kW)		2.2 i 16V (108 kW)	
1.6 (80 kW)		2.2 i 16V (110 kW)	
1.8 (90 kW)		ACCORD IV Coupé (CB, CC)	05/89 12/93
NUBIRA Wagon (J200)	07/03	2.0 i 16V (98 kW)	
1.6 (80 kW)		ACCORD V (CC, CD)	06/92 12/97
TOSCA	02/06	2.0 i (85 kW)	
2.0 XT (105 kW)		2.0 i S (96 kW)	
DODGE		2.3 i SR (116 kW)	
CALIBER	06/06	ACCORD V Aerodeck (CE)	04/93 02/98
1.8 (110 kW)		2.0 i LS 16V (100 kW)	
2.0 (115 kW)		2.2 i ES (110 kW)	
2.4 (125 kW)		ACCORD V Coupé (CD)	04/93 12/98
2.4 Turbo (217 kW)		2.0 (100 kW)	
JOURNEY	06/08	2.2 i ES (110 kW)	
2.4 (125 kW)		ACCORD V (CE, CF_)	09/95 10/98
2.4 ECO+ (125 kW)		1.9 i (85 kW)	
2.4 (129 kW)		2.0 i LS (96 kW)	
2.7 (136 kW)		2.2 i VTEC (110 kW)	
2.7 FLEXFUEL (136 kW)		ACCORD VI (CK, CG, CH, CF8)	03/97 12/03
3.5 (173 kW)		1.6 LS (79 kW)	
3.5 AWD (173 kW)		1.6 i (85 kW)	
3.6 (211 kW)		2.2 Type-R (156 kW)	
		3.0 Vtec (147 kW)	

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HONDA			
ACCORD VI Hatchback (CH, CL)	12/99	12/02	
1.6 (85 kW)			
ACCORD VI Coupé (CG)	12/97	06/03	
2.3 VTi (113 kW)			
3.0 V6 24V (147 kW)			
ACCORD VII (CM)	09/02	05/08	
2.4 Vtec E (118 kW)			
ACCORD VIII (CU)	04/08		
2.0 i (115 kW)			
ACCORD VIII Break (CW)	07/08		
2.0 i (110 kW)			
2.0 i (115 kW)			
2.4 i (148 kW)			
ACCORD IX Coupé	09/12		
2.4 (138 kW)			
ACCORD IX A trois volumes (CR)	09/12		
2.0 E85 (114 kW)			
2.4 (129 kW)			
2.4 (138 kW)			
2.4 (141 kW)			
CIVIC VI Fastback (MA, MB)	09/94	02/01	
2.0 TDiC (74 kW)			
CIVIC VI Aerodeck (MB, MC)	04/98	02/01	
2.0 i D (74 kW)			
CR-V IV (RM_)	01/12		
2.4 AWD (132 kW)			
HUMMER			
HUMMER H3	04/05		
3.5 (162 kW)			
3.7 4WD (180 kW)			
3.7 4WD (180 kW)			
5.3 V8 AWD (224 kW)			
HYUNDAI			
H100 Camion plate-forme/Châssis	07/93	08/98	
2.4 (84 kW)			
HIGHWAY VAN	03/00	03/04	
2.0 16V (100 kW)			
LANTRA I (J-1)	10/90	11/95	
1.6 i.e. 16V (78 kW)			
1.6 i.e. 16V (84 kW)			
1.8 i.e. 16V (93 kW)			
PONY	06/74	12/85	
1.2 (40 kW)			
1.4 (50 kW)			
HYUNDAI			
PONY Wagon	02/78	06/86	
1.2 (40 kW)			
1.4 (50 kW)			
PONY (X-1)	09/82	12/89	
1.3 (50 kW)			
1.5 (53 kW)			
PONY A trois volumes (X-1)	10/85	09/89	
1.3 (50 kW)			
1.5 (53 kW)			
KIA			
JOICE	02/00		
2.0 (88 kW)			
2.0 (102 kW)			
SEPHIA (FA)	01/95	10/97	
1.5 i (59 kW)			
1.6 i (59 kW)			
1.8 i 16V (82 kW)			
SEPHIA A trois volumes (FA)	01/92	09/01	
1.5 i (59 kW)			
1.6 i (59 kW)			
1.8 i 16V (82 kW)			
LAMBORGHINI			
JALPA	01/82	12/87	
P 350 (188 kW)			
LDV			
MAXUS Autobus/Autocar	02/05	12/09	
2.5 D (70 kW)			
2.5 D (88 kW)			
MAXUS Camionnette	02/05	12/09	
2.5 D (70 kW)			
LEXUS			
IS I (_E1_)	04/99	07/05	
300 (157 kW)			
IS SportCross (_E1_)	10/01	10/05	
300 (157 kW)			
IS II (_E2_)	08/05	04/13	
350 (228 kW)			
350 AWD (228 kW)			
350 (234 kW)			
IS C (GSE2_)	04/09		
350 (228 kW)			
MAZDA			
616	09/69	10/78	
1.6 (55 kW)			
626 I (CB)	09/78	10/82	
1.6 (55 kW)			
2.0 (66 kW)			

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MAZDA

626 II Coupé (GC) 09/82 10/87
2.0 (70 kW)

2.0 (81 kW)
2.0 i Turbo (87 kW)

929 I (LA) 09/78 07/86
2.0 (66 kW)

B-SERIE (PE) 02/77 01/82
1.6 (55 kW)

1.8 (60 kW)
B-SERIE (UD) 01/81 08/85

1.6 (58 kW)
1.8 (62 kW)

2.0 (57 kW)
B-SERIE (UF) 01/85 12/99

1.6 (60 kW)
2.0 (62 kW)
2.0 (65 kW)
2.2 (68 kW)

2.2 12V (68 kW)
B-SERIE (UN) 11/98 12/08

2.2 8V 4WD (68 kW)

RX-7 I (SA) 03/78 03/86
1.0 (77 kW)

1.1 (83 kW)
1.1 (85 kW)

XEDOS 6 (CA) 01/92 10/99
1.6 16V (79 kW)

1.6 16V (83 kW)
2.0 V6 (106 kW)

MITSUBISHI

CORDIA (A21_A, AB, AC) 10/82 07/89
1.6 GSL (55 kW)

1.6 Turbo (84 kW)
1.6 Turbo (85 kW)

1.8 GSL (66 kW)
1.8 Turbo ECi (100 kW)

COLT I (A15_A) 12/78 03/84
1.4 Turbo (77 kW)

ECLIPSE CROSS (GK_) 10/17
1.5 (110 kW)

1.5 T-Mivec (120 kW)
1.5 T-Mivec 4WD (120 kW)

GALANT I (A12_) 01/77 08/80
1.6 (55 kW)

2.0 GLX (63 kW)
2.0 (72 kW)

MITSUBISHI

GALANT I Station Wagon 01/79 08/80
(A12_V)

1.6 GL (55 kW)
2.0 GLX (72 kW)

GALANT II (A16_) 09/80 05/84
1.6 GLX (55 kW)

2.0 GLS (75 kW)
2.0 Turbo ECi (125 kW)

2.3 Turbo-D (62 kW)
GALANT II Station Wagon 09/80 05/84

(A16_V)
1.6 GLX (55 kW)

2.0 GLX (75 kW)
2.3 Turbo-D (62 kW)

GALANT III (E1_A) 10/83 04/90
1.6 GLX (55 kW)

2.0 GLS (66 kW)
2.0 GLS (75 kW)

2.0 Turbo ECi (110 kW)
2.4 GLS (82 kW)

1.8 Turbo-D (60 kW)
GALANT IV (E3_A) 11/88 12/92

1.8 (66 kW)
2.0 (80 kW)

2.0 4WD (80 kW)
2.0 GTI 16V (106 kW)

2.0 GTI 16V 4x4 (106 kW)
2.0 GTI 16V (107 kW)

1.8 Turbo-D (55 kW)
GALANT IV A trois volumes 11/87 03/93

(E3_A)
1.6 (55 kW)

1.8 (63 kW)
1.8 (66 kW)

2.0 (80 kW)
2.0 4WD (80 kW)

2.0 GTi 16V (106 kW)
2.0 GTi 16V 4WD (106 kW)

2.0 GTi 16V (107 kW)
2.0 GTI 16V Cat 4WD (110 kW)

1.8 Turbo-D (55 kW)
GALANT V (E5_A, E7_A, E8_A) 11/92 10/96

1.8 (85 kW)
1.8 GLSi (93 kW)

2.0 GLSi (101 kW)
2.0 GLSi 4WD (101 kW)

2.0 V6-24 (110 kW)
2.5 (125 kW)

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MITSUBISHI			
GALANT V (E5_A, E7_A, E8_A)	11/92	10/96	
2.5 V6-24 4WD (125 kW)			
2.0 GLSTD (66 kW)			
GALANT V A trois volumes (E5_A, E7_A, E8_A)	11/92	12/98	
1.8 (85 kW)			
1.8 GLSI (93 kW)			
2.0 GLSI (101 kW)			
2.0 GLSI 4WD (101 kW)			
2.0 GLSTD (66 kW)			
2.0 V6-24 (110 kW)			
2.5 V6-24 4WD (125 kW)			
GALANT VI (EA_)	09/96	10/04	
2.0 GDI (107 kW)			
2.5 V6 24V (206 kW)			
GALANT VI Break (EA_)	09/96	10/03	
2.0 (100 kW)			
2.5 V6 24V (206 kW)			
GALANT A trois volumes (DJ_, 10/03 ED_, EF_)			
2.4 (118 kW)			
LANCER II (A17_)	09/79	02/83	
1.6 (60 kW)			
1.6 (62 kW)			
2.0 Turbo ECi (125 kW)			
LANCER III (C1_A, C6_A)	11/83	06/90	
1.8 Diesel (43 kW)			
1.8 Diesel (44 kW)			
LANCER III Station Wagon (C1_V, C3_V)	09/85	08/92	
1.8 4WD (61 kW)			
1.8 4WD (66 kW)			
1.8 4WD (63 kW)			
1.8 4WD (69 kW)			
1.8 D (43 kW)			
1.8 D (44 kW)			
LANCER IV (C6_A, C7_A)	04/88	12/97	
1.6 GTi (91 kW)			
1.8 GLX Diesel (44 kW)			
LANCER IV 3/5 portes (C6_A, C7_A)	04/88	05/94	
1.6 16V (83 kW)			
1.6 4WD (84 kW)			
1.8 4WD (71 kW)			
1.8 GTi 16V (100 kW)			
1.8 GTi 16V (103 kW)			
1.8 D (44 kW)			

MITSUBISHI			
LANCER V (CB_A, CD_A, CE_A)	07/91	12/96	
1.3 (55 kW)			
1.5 (65 kW)			
1.6 (66 kW)			
EVO II (192 kW)			
EVO III (198 kW)			
LANCER V Station Wagon (CB_W, CD_W)	09/92	10/03	
1.6 16V (83 kW)			
1.6 16V 4WD (83 kW)			
LANCER VI (CJ_, CP_)	09/95	12/03	
1.3 12V (55 kW)			
1.5 16V (69 kW)			
EVO VI (207 kW)			
2.0 D (50 kW)			
LANCER VIII (CY_A, CZ_A)	03/07		
1.5 Bifuel (80 kW)			
1.8 Bifuel (105 kW)			
LANCER CELESTE Coupé (A7_)	10/75	06/81	
1.6 ST (54 kW)			
2.0 GSR (66 kW)			
2.0 GSR (71 kW)			
2.0 GSR (77 kW)			
PAJERO PININ (H6_W, H7_W)	03/99	06/07	
1.8 (84 kW)			
1.8 GDI (88 kW)			
2.0 GDI (95 kW)			
PAJERO SPORT II (KH_, KG_)	01/08		
3.0 4WD (162 kW)			
3.2 DI-D 4WD (118 kW)			
SAPPORO I (A12_)	04/78	07/80	
1.6 SL, GL (55 kW)			
2.0 (66 kW)			
2.0 (72 kW)			
2.0 (79 kW)			
SAPPORO II (A16_A)	08/80	09/84	
1.6 GLX (55 kW)			
2.0 GSL (75 kW)			
2.0 GSR (82 kW)			
2.0 Turbo ECi (125 kW)			
SAPPORO III (E16A)	06/87	08/90	
2.4 (91 kW)			
SPACE WAGON (D0_V/W)	01/84	01/92	
1.8 GLX (66 kW)			
1.8 4WD (66 kW)			
2.0 GLX (62 kW)			
2.0 GLX 4WD (62 kW)			
2.0 GLXi (74 kW)			

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MITSUBISHI			
SPACE WAGON (D0_V/W)	01/84	01/92	
2.0 GLXi 4WD (74 kW)			
2.0 4WD (75 kW)			
SPACE STAR Monospace (DG_A)	06/98	12/04	
1.8 GDI (87 kW)			
1.8 GDI (90 kW)			
L 300 / DELICA II Autobus/Autocar (L03_P/G, L0_2P)	05/80	02/87	
1.6 (48 kW)			
1.6 (51 kW)			
1.8 (60 kW)			
1.8 4WD (60 kW)			
2.0 4WD (65 kW)			
2.3 D (50 kW)			
L 300 / DELICA II Camionnette (L03_P)	02/80	02/87	
1.6 (48 kW)			
1.8 (60 kW)			
2.3 D (50 kW)			
L 300 / DELICA II Camion plate-forme/Châssis (L03_P)	05/80		
1.6 (51 kW)			
2.5 D (51 kW)			
L 300 III Autobus/Autocar (P0_W, P1_W, P2_W)	08/86	12/13	
1.6 (51 kW)			
2.0 (64 kW)			
2.0 (65 kW)			
2.0 4WD (65 kW)			
2.0 (66 kW)			
2.0 4WD (66 kW)			
2.0 GLS (78 kW)			
2.0 i (83 kW)			
2.4 4WD (80 kW)			
2.4 (82 kW)			
2.4 4WD (82 kW)			
2.5 TD 4WD (64 kW)			
L 300 III Camionnette (P0_V, P1_V, P_2V)	11/86	12/13	
1.6 (51 kW)			
2.0 4WD (63 kW)			
2.0 (78 kW)			
2.0 (82 kW)			
2.5 TD (64 kW)			

MITSUBISHI			
L 300 III Camion plate-forme/Châssis (P1_T)	04/94	04/00	
2.0 (85 kW)			
NISSAN			
200 SX (S13)	07/88	12/95	
1.8 (99 kW)			
1.8 Turbo (124 kW)			
1.8 Turbo (122 kW)			
200 SX (S14)	10/93	12/99	
2.0 i 16V (118 kW)			
2.0 i 16V Turbo (147 kW)			
2.0 Turbo (162 kW)			
200 SX Coupé	01/79	07/83	
2.0 (88 kW)			
240 SX	08/88	02/01	
2.4 (112 kW)			
280 ZX,ZXT (HGS130)	07/78	05/84	
2.8 (103 kW)			
2.8 (108 kW)			
2.8 (110 kW)			
2.8 (147 kW)			
ALTIMA (L32)	10/06	07/13	
2.5 (128 kW)			
2.5 (138 kW)			
3.5 (201 kW)			
ALTIMA (L33)	05/12		
2.5 (134 kW)			
BLUEBIRD (B610)	08/71	01/80	
1.6 (60 kW)			
1.8 (59 kW)			
1.8 (65 kW)			
BLUEBIRD (910)	01/80	12/83	
1.6 (60 kW)			
1.8 (65 kW)			
2.0 i (80 kW)			
BLUEBIRD Traveller (W910)	01/80	06/86	
1.6 (60 kW)			
1.8 (65 kW)			
BLUEBIRD A trois volumes (910)	01/80	06/86	
1.8 (66 kW)			
1.9 i (80 kW)			
DATSUN 160 J (710, A10)	01/73	09/83	
1.6 (53 kW)			
1.6 (61 kW)			
1.6 i.e. (65 kW)			
DATSUN 180 B (PL810)	05/77	01/81	
1.8 (66 kW)			

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NISSAN			
DATSUN 180 B (PL810)	05/77	01/81	
1.8 (65 kW)			
LAUREL (HLC230)	03/77	05/83	
2.0 (71 kW)			
2.4 (83 kW)			
LAUREL (JC31)	11/80	12/85	
2.0 (71 kW)			
2.4 (83 kW)			
2.4 (88 kW)			
LAUREL (JC32)	11/84	06/90	
2.0 GL (75 kW)			
2.4 (94 kW)			
NAVARA (D22_)	01/97		
2.5 D 4x4 (98 kW)			
PICK UP (720)	01/80	03/86	
1,6 (51 kW)			
1.8 (59 kW)			
SERENA (C23)	06/91	09/01	
1.6 (71 kW)			
2.0 (93 kW)			
SERENA (C24)	06/99	12/13	
2.0 SGX (107 kW)			
2.0 SGX 4x4 (107 kW)			
SILVIA (S12)	06/83	12/88	
2.0 GP (107 kW)			
STANZA Hatchback (T11)	08/81	12/85	
1.6 (60 kW)			
1.8 (65 kW)			
1.8 (66 kW)			
STANZA (T11)	08/81	12/85	
1.6 (60 kW)			
1.8 SGL (66 kW)			
URVAN Autobus/Autocar (E23)	07/80	11/88	
2.0 (64 kW)			
URVAN Camionnette (E23)	07/80	11/98	
2.0 (55 kW)			
URVAN Autobus/Autocar (E24)	06/86	05/97	
2.0 (65 kW)			
2.0 (66 kW)			
URVAN Camionnette (E24)	06/86	05/97	
2.0 (65 kW)			
2.0 (66 kW)			
VANETTE Autobus/Autocar (KC120)	06/81	12/87	
1.2 (47 kW)			
1.5 (51 kW)			
VANETTE Camionnette (C120)	07/81	06/87	
1.2 (47 kW)			

NISSAN			
VANETTE Camionnette (C120)	07/81	06/87	
1.5 (49 kW)			
1.5 (60 kW)			
VANETTE Autobus/Autocar (C22)	10/86	12/11	
1.5 (51 kW)			
2.0 (66 kW)			
2.4 i (74 kW)			
2.4 i (77 kW)			
VANETTE Camionnette (C22)	10/86	12/11	
1.5 (51 kW)			
VANETTE CARGO Autobus/Autocar (HC 23)	04/94	05/01	
1.6 i (72 kW)			
VANETTE CARGO Camionnette (HC 23)	09/94	05/02	
1.6 i (71 kW)			
PROTON			
AEROBACK 3/5 portes (C2_A, C9_L)	10/88	12/02	
1.3 (55 kW)			
1.5 (66 kW)			
1.5 LX (66 kW)			
GEN 2 (CM_)	06/04		
1.3 (70 kW)			
1.6 (82 kW)			
IMPIAN	09/01		
1.6 (76 kW)			
JUMBUCK Pick-up	02/02		
1.5 (64 kW)			
PERSONA 300 (C9_M)	03/96	07/04	
1.3 (55 kW)			
313i (55 kW)			
315 GLSi (64 kW)			
315 GLi/GLSi (66 kW)			
316 (70 kW)			
316 GLXi (83 kW)			
318 16V GTI (99 kW)			
PERSONA 400 3/5 portes (C9_C, C9_S)	01/94	02/08	
413 GLSi (55 kW)			
415 GLi/GLSi (66 kW)			
416 i (70 kW)			
416 GLXi (83 kW)			
418 GLXi (85 kW)			
1.8 (99 kW)			
420 GLS D (48 kW)			
420 D (60 kW)			

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PROTON			
PERSONA 400 (C9_S)	01/94	02/08	
413 (55 kW)			
415 GLi/GLSi (66 kW)			
416 (70 kW)			
416 GLXi (83 kW)			
418 (85 kW)			
420 GLS D (48 kW)			
420 TD (60 kW)			
SALOON A trois volumes (C2_S)	01/89	11/96	
1.5 (66 kW)			
SATRIA (C9_M)	04/96	05/06	
1.3 (55 kW)			
1.3 (55 kW)			
1.5 (64 kW)			
1.5 (66 kW)			
1.6 (70 kW)			
1.6 (83 kW)			
1.8 GTi (103 kW)			
WIRA	05/95		
1.3 (55 kW)			
1.5 (64 kW)			
1.6 (70 kW)			
WIRA 3/5 portes	01/00		
1.3 (55 kW)			
1.5 (64 kW)			
SAAB			
90	08/84	08/87	
2.0 (74 kW)			
95 Station Wagon	02/60	12/78	
1.5 V4 (46 kW)			
1.5 V4 (48 kW)			
1.5 V4 (50 kW)			
96	09/60	08/80	
1.5 V4 (46 kW)			
1.5 V4 (48 kW)			
1.5 V4 (50 kW)			
99 Combi Coupe	08/68	01/87	
1.7 (59 kW)			
1.85 (65 kW)			
1.85 i (71 kW)			
2.0 (79 kW)			
2.0 (81 kW)			
2.0 i (87 kW)			
2.0 Turbo (107 kW)			
99	11/67	01/87	
2.0 (70 kW)			
2.0 GL (74 kW)			
SAAB			
99	11/67	01/87	
2.0 EMS (81 kW)			
2.0 EMS (87 kW)			
900 I Combi Coupe	06/78	06/94	
2.0 Turbo (103 kW)			
2.0 Turbo-16 S Cat (125 kW)			
2.0 Turbo-16 S (129 kW)			
900 I (AC4, AM4)	01/79	12/93	
2.0 -16 (92 kW)			
2.0 -16 (93 kW)			
2.0 Turbo (103 kW)			
2.0 S Turbo-16 (104 kW)			
2.0 Turbo (107 kW)			
2.0 S Turbo-16 (107 kW)			
2.0 Turbo (110 kW)			
2.0 Turbo-16 (118 kW)			
2.0 Turbo-16 S (129 kW)			
2.0 Turbo-16 S Cat (129 kW)			
900 I Décapotable	10/85	12/94	
2.0 Turbo-16 (118 kW)			
2.0 Turbo-16 S (129 kW)			
SSANGYONG			
ACTYON I	11/05		
2.3 (110 kW)			
2.0 Xdi (100 kW)			
KYRON	05/05		
2.0 Xdi (100 kW)			
2.3 (110 kW)			
SUBARU			
BRZ	06/12		
2.0 (147 kW)			
LEGACY V (BM)	05/09		
2.0 i AWD (110 kW)			
2.5 i AWD (123 kW)			
2.5 GT AWD (195 kW)			
LEGACY V Break (BR)	06/08	12/14	
2.0 i AWD (110 kW)			
2.0 i LPG AWD (108 kW)			
2.0 i AWD (110 kW)			
2.5 i AWD (123 kW)			
2.5 GT AWD (195 kW)			
2.5 i AWD (127 kW)			
LEGACY VI (BN, BS)	01/15		
2.5 i AWD (129 kW)			
3.6 i AWD (191 kW)			
LEONE I Hatchback	03/79	10/84	
1300 (45 kW)			
1600 (63 kW)			

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SUBARU			
LEONE I Hatchback	03/79	10/84	
1800 4WD (59 kW)			
1800 Turismo 4WD (60 kW)			
LEONE I (AB)	03/79	10/84	
1300 (45 kW)			
1600 (63 kW)			
1800 4WD (59 kW)			
1800 4WD (60 kW)			
LEONE I Break	09/78	12/84	
1300 (45 kW)			
1600 4WD (52 kW)			
1600 (63 kW)			
1800 4WD (59 kW)			
1800 Super 4WD (60 kW)			
LEONE II	11/84	12/94	
1300 (48 kW)			
1.6 (52 kW)			
1600 (55 kW)			
1.8 GL (59 kW)			
1.8 (66 kW)			
1800 4WD (66 kW)			
1800 Cat 4WD (70 kW)			
1.8 (77 kW)			
1.8 Turbo AWD (100 kW)			
1800 4WD (72 kW)			
1800 4WD (88 kW)			
1800 Turbo 4WD (96 kW)			
1800 Turbo 4WD (100 kW)			
LEONE II Break	09/83	12/94	
1600 4WD (54 kW)			
1600 4WD (55 kW)			
1800 4WD (66 kW)			
1800 Super Catalytic-Conv 4WD (70 kW)			
1800 Super 4WD (96 kW)			
1800 Super Turbo 4WD (100 kW)			
1800 4WD (72 kW)			
1800 4WD (88 kW)			
MV (AS_)	06/78	12/94	
1.6 (52 kW)			
1.8 (60 kW)			
1.8 (66 kW)			
OUTBACK (BR)	06/09		
2.5 i AWD (125 kW)			
2.5 i AWD (125 kW)			
OUTBACK (BS)	10/14		
2.5 AWD (129 kW)			

SUBARU			
OUTBACK (BS)	10/14		
3.6 AWD (191 kW)			
SVX (CX)	09/92	12/97	
3.3 i 24V 4WD (162 kW)			
3.3 i 24V 4WD (169 kW)			
TRIBECA (B9)	01/05		
3.0 (184 kW)			
3.0 (180 kW)			
3.6 (190 kW)			
XT Coupé (XT)	11/84	12/91	
1.8 Turbo 4WD (88 kW)			
1.8 Turbo 4WD (96 kW)			
1.8 Turbo 4WD (100 kW)			
TOYOTA			
COROLLA A trois volumes (_E18_, ZRE1_)	06/13		
1.6 (97 kW)			
1.8 VVTi (103 kW)			
DYNA Camion plate-forme/Châssis (_U_, _Y_)	08/77	05/95	
2.0 (72 kW)			
2.0 (79 kW)			
GT 86 Coupé (ZN6_)	03/12		
2.0 (147 kW)			
HILUX II Pick-up (_N2_)	05/72	07/78	
1,6 (49 kW)			
HILUX III Pick-up (_N3_, _N4_)	07/78	12/88	
1.6 (49 kW)			
2.0 (65 kW)			
2.0 4WD (65 kW)			
HILUX IV Pick-up (_N5_, _N6_)	11/82	12/89	
1.8 (58 kW)			
2.0 (65 kW)			
2.2 (69 kW)			
2.2 4WD (69 kW)			
HILUX V Pick-up (_N_, KZN1_, VZN1_)	09/88	01/99	
2.4 i 4WD (84 kW)			
HILUX VI Pick-up (_N1_)	08/94	03/06	
2.4 i 4WD (103 kW)			
HILUX Camion plate-forme/Châssis (_N1_, _N2_)	02/05		
3.0 D 4WD (126 kW)			
IQ (_J1_)	11/08	12/15	
1.33 (72 kW)			
1.4 D-4D (66 kW)			

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TOYOTA			
MODELL F (CR2_, YR2_)	11/82	10/90	
2.2 (72 kW)			
PASEO Coupé (EL44_)	06/88	08/95	
1.5 (74 kW)			
1.5 (85 kW)			
PASEO Coupé (EL54_)	08/95	12/99	
1.5 (66 kW)			
1.5 (81 kW)			
1.5 (85 kW)			
PASEO Décapotable (EL54_)	10/96	01/98	
1.5 (66 kW)			
1.5 (81 kW)			
RAV 4 IV (_A4_)	12/12		
2.0 (107 kW)			
2.0 4WD (107 kW)			
2.0 4WD (112 kW)			
2.5 4WD (132 kW)			
STARLET (_P7_)	10/84	12/89	
1.5 D (40 kW)			
YARIS (_P1_)	01/99	12/05	
1.4 D-4D (55 kW)			
HIACE III Wagon (_H1_)	08/87	12/04	
2.0 (74 kW)			
2.4 (88 kW)			
2.4 4WD (88 kW)			
HIACE III Camionnette (YH7_, LH6_, LH7_, LH5_, YH5_, YH6_)	08/87	07/06	
2.0 (74 kW)			
2.4 (88 kW)			
2.4 4WD (88 kW)			
HIACE IV Autobus/Autocar (_H1_, _H2_)	08/95		
2.4 (85 kW)			
2.4 4WD (85 kW)			
2.5 D-4D (70 kW)			
2.5 D-4D (86 kW)			
2.5 D-4D 4WD (86 kW)			
HIACE IV Camionnette (LXH1_, RZH1_, LH1_)	08/95		
2.4 (85 kW)			
LITEACE Autobus/Autocar (_R2_LG)	01/92	01/98	
2.2 (72 kW)			
LITEACE Camionnette (_R2__V)	01/92	01/95	
2.2 (72 kW)			

VAUXHALL			
ANTARA (L07)	08/06		
2.4 (126 kW)			
2.4 4x4 (126 kW)			
VW			
TARO	04/89	03/97	
1.8 (61 kW)			
2.2 (69 kW)			
2.4 i 4x4 (84 kW)			
ZAZ			
VIDA 3/5 portes	01/12		
1.4 (69 kW)			
1.5 (80 kW)			
VIDA A trois volumes	01/12		
1.4 (69 kW)			
1.5 (62 kW)			
1.5 (80 kW)			
CATERPILLAR			
GP			
GP15K			
GP18K			
GP20K			
GP25K			
GP30K			
GP35K			
EASTERN			
200			
254			
HAKO			
1000			
1000; 1900D			
2000			
2700D			
IHC			
200			
255; 275;			
KRASSER			
F			
F 2400B; FZ2400			
KUBOTA			
Others			
2000, 2400			
G2400			
MC CORMICK			
GM			
GM 40:45:50:55			
GX			
GX 40; 45; 50			

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SPERRY-NEW-HOLLAND

1000

1000

1100

1220; 1300; 1500

1600; 1700; 1900