

ALCO	SP-1002
ALCO	SP-1079
AMC	FO-011A
AMC	HO-606
AMC	HO-610
AMC	HO-821
AMC	MO-429
AMC	MO-520
AMC	NO-2223
ARMAFILT	O-65/66.1
ASAS	SPC 901
ASHIKA	10-01-120
ASHIKA	10-03-313
ASHIKA	10-03-315
ASHIKA	10-05-593
ASHIKA	10-07-703
ASHIKA	10-K0-001
BALDWIN	B-1400
BOSCH	0 451 104 068
BOSCH	0 451 104 509
BOSCH	0 986 452 061
BOSCH ASIEN	9 000 022 186
BOSCH ASIEN	9 000 022 187
BOSCH ASIEN	9 000 022 188
BOSCH ASIEN	9 000 022 189
BOSCH ASIEN	9 000 022 714
BOSCH ASIEN	9 000 022 729
BOSCH USA	72182
CHAMP / CHAMP INTERNATIONAL	LS 106
CHAMP / CHAMP INTERNATIONAL	LS 198
CHAMP / CHAMP INTERNATIONAL	PH 2805
CHAMP / CHAMP INTERNATIONAL	PH 2808
CHAMP / CHAMP INTERNATIONAL	PH 2865
CHAMP / CHAMP INTERNATIONAL	PH 2876
CHAMPION	F 129
CLEAN	DO 853
CLEAN	DO 853/A
CLEAN	DO 854
CLEAN	DO 854/A
CLEAN	DO 949
COOPERS	Z 1039
COOPERS	Z 1239
COOPERS	Z 1297
CROSLAND	2007
CROSLAND	2151
DELPHI	FX0074
DELPHI	FX0078
DELPHI	FX0179
DELPHI	FX0185
DELSA	DS 1199
DONALDSON	P 50-2015
DONALDSON	

DONALDSON	P 50-2062
DONALDSON	P 50-2067
DONALDSON	P 55-0461
ELOFIC	EXL-146
FIAAM	FT 5368
FIAAM	FT 5389
FIL FILTER	ZP 04
FIL FILTER	ZP 55 B
FILTRON	OP 595
FILTRON	OP 637
FILTRON	OP 642
FLEETGUARD/CUMMINS FILTRATION	LF-3692
FLEETGUARD/CUMMINS FILTRATION	LF-3925
FRAM	PH-4998
FRAM	PH-5541
FRAM	PH-5594
FRAM	PH-5594 A
FRAM	PH-5885
FRAM	PH-6017 A
FRAM	PH6607
FRAM	PH-6607
GIF-FILTER	GL 267
GIF-FILTER	GL 591
GUD	Z 223
GUD	Z 282
HALFORDS	HOF257
HALFORDS	HOF274
HENGST	H 97 W 03
HENGST	H 97 W 06
HOFFER	7605131
HOFFER	7605131/1
HOFFER	7605131/12
HOFFER	7605131/7
JAKOPARTS	J1310303
JAKOPARTS	J1310307
JAKOPARTS	J1310500
JAKOPARTS	J1311018
JAKOPARTS	J1311026
JAKOPARTS	J1313000
JAKOPARTS	J1313001
JAKOPARTS	J1313007
JAKOPARTS	J1313013
JAKOPARTS	J1313016
JAKOPARTS	J1314012
JAKOPARTS	J1317004
JAPANPARTS	J FO-120
JAPANPARTS	J FO-120S
JAPANPARTS	J FO-197
JAPANPARTS	J FO-197S
JAPANPARTS	J FO-300
JAPANPARTS	J FO-301
JAPANPARTS	

JAPANPARTS	J FO-301S
JAPANPARTS	J FO-302
JAPANPARTS	J FO-302S
JAPANPARTS	J FO-303
JAPANPARTS	J FO-303S
JAPANPARTS	J FO-304
JAPANPARTS	J FO-313
JAPANPARTS	J FO-313S
JAPANPARTS	J FO-315S
JAPANPARTS	J FO-392
JAPANPARTS	J FO-392S
JAPANPARTS	J FO-593
JAPANPARTS	J FO-593S
JAPANPARTS	J FO-703
JAPANPARTS	J FO-703S
JAPANPARTS	J FO-704
JAPANPARTS	J FO-704S
JAPANPARTS	J FO-K01
JAPANPARTS	J FO-K01S
KS KOLBENSCHMIDT	107-OS
KS KOLBENSCHMIDT	489-OS
LAUTRETTE (MECAFILTER)	ELH 4119
LAUTRETTE (MECAFILTER)	ELH 4212
LAUTRETTE (MECAFILTER)	ELH 4243
LAUTRETTE (MECAFILTER)	ELH 4259
LUBER-FINER	PH 2805
LUBER-FINER	PH 2876
LUCAS (LUCAS-TRW)	EDL 963
MAHLE (Knecht / Mahle)	OC 195
MAHLE (Knecht / Mahle)	OC 259
MAHLE (Knecht / Mahle)	OC 495
MANN-FILTER	W 67/1
MAPCO	61510
MAPCO	61557
MEAT & DORIA	15131
MEAT & DORIA	15131/1
MEAT & DORIA	15131/12
MEAT & DORIA	15131/7
M-FILTER	MH 3390
M-FILTER	MH 3397
MICRO	T 59
MICRO	T 600
MICRO	T 7316
MISFAT	Z258
MISFAT	Z452
MOTAQUIP AAPCO	VFL 305
MOTAQUIP AAPCO	VFL 326
MOTAQUIP AAPCO	VFL 339
MOTAQUIP AAPCO	VFL 390
MOTAQUIP AAPCO	VFL 393
MOTORCRAFT	FL 816
MOTOPARTS	

NIPPARTS	J1310303
NIPPARTS	J1310307
NIPPARTS	J1310500
NIPPARTS	J1311018
NIPPARTS	J1311026
NIPPARTS	J1313000
NIPPARTS	J1313001
NIPPARTS	J1313007
NIPPARTS	J1313013
NIPPARTS	J1313016
NIPPARTS	J1314014
NIPPARTS	J1317004
NIPPARTS	J1317008
P.B.R.	BC-1259
P.B.R.	BC-1268
P.B.R.	BC-1297
P.B.R.	BC-1339
PERMATIC (MECAFILTER)	ELH 4119
PERMATIC (MECAFILTER)	ELH 4212
PURFLUX	LS 301
PURFLUX	LS 871
PURFLUX	LS 871 A
PURFLUX	LS 892
PUROLATOR	L 14459
PUROLATOR	L 14612
PUROLATOR	L 14622
PUROLATOR	L 17754
PUROLATOR	L 18097
PUROLATOR	L 24458
PUROLATOR	L 27535
RYCO	R2275P
RYCO	Z148A
RYCO	Z436
RYCO	Z445
RYCO	Z79A
SAMPIYON	CS 1571
SCHUPP / SF FILTER	SP 4046
SCHUPP / SF FILTER	SP 4067
SCHUPP / SF FILTER	SP 4116
SCHUPP / SF FILTER	SP 4579
SCHUPP / SF FILTER	SP 4652
SCHUPP / SF FILTER	SP 4752
SOFIMA	S 3258 R
SOFIMA	S 3424 R
SOFIMA	S 3484 R
SOFIMA	S 4900 R
SOFIMA	S 5120 R
TECNECO	OL 205-J
TECNECO	OL 215-J
TECNOCAR	R 193
TECNOCAR	R 205
TECNOCAR	

TECNOCAR	R 215
TEHO FILTER	R 96
TEHO FILTER	4189
TJ FILTERS	OK 189
U.F.I.	FB 5337
U.F.I.	23 258 00
U.F.I.	23 271 00
U.F.I.	23 272 00
U.F.I.	23 424 00
U.F.I.	23 452 00
U.F.I.	23 484 00
UNICO	LI 665/1
UNICO	LI 666/80
UNICO	LI 675
UNION JAPAN	C-218
UNION JAPAN	C-410
UNION JAPAN	C-411
UNION JAPAN	C-420
UNION JAPAN	C-430
UNION JAPAN	C-431
UNION JAPAN	C-560
UNION JAPAN	C-830
UNIPART	GFE 327
UNIPART	GFE 387
VIC	C-224
VIC	C-304
VIC	C-307
VIC	C-406
VIC	C-808
VIC	C-901
VIC	O-401
WIX	51356
WIX	51365
WIX (EUROPE)	WL7162
WIX (EUROPE)	WL7200
WIX (EUROPE)	WL7204
YUIL FILTERS	YOK-002
YUIL FILTERS	YOMA-001
YUIL FILTERS	YOMA-002
YUIL FILTERS	YOMA-008
YUIL FILTERS	YOMA-010
YUIL FILTERS	YOMA-014
YUIL FILTERS	YON-010
YUIL FILTERS	YOSU-001
YUIL FILTERS	YOSU-004

Applications



ABG

DD-Serie

16	Kubota D722-B	13	18	03/1995-12/1999
18	Kubota D722-B	13	18	01/1993-12/2002
20	Kubota D722-B	13	18	03/1995 >

DD-Serie					
16	Kubota D722-B	13	18	03/1995	>
18	Kubota D722-B	13	18	03/1995	>
20	Kubota D722-B	13	18	03/1995	>
AEBI TRAKTOREN (CH)					
TT / Terratrac-Serie					
TT 33	Kubota V1200B				
TT/Terratrac-Serie					
TT 33	Kubota V1200B				
AIRMAN					
AX (Minibagger/Compact Excavators)					
08	Kub. Z482	6	8	01/1989	>
AX-Serie					
08	Kub. Z482	6	8	01/1989	>
ASIA MOTORS					
Rocsta					
1.8i 4x4		57	77	06/1993	>
1.8i 4x4		57	77	06/1993-12/1999	
BELLIER AUTOMOBILES					
Atoll					
500 Diesel	Yanmar Diesel 523 cc	4	5	01/1995	>
Bellier Transporter					
500 D	Yanmar Diesel 523 cc	4	5	01/2000	>
Divane					
520 Diesel	Yanmar Diesel 523 cc	4	5	01/2002	>
VX					
650 Diesel	Yanmar Diesel 523 cc	9,6	12	01/1995	>
BOMAG					
BW-Serie					
80 AD-2	Kubota D722				
80 ADH-2	Kubota D722				
FORD					
Econovan					
1.4	UC	48	65	03/1986-03/1992	
HITACHI					
UE-Serie					
07	Mitsubishi L2A				
UE 07	Mitsubishi L2A				
HONDA					
Insight					
1.0 12V		56	76	08/2000	>
1.0 12V		56	76	08/2000-12/2006	
HONDA MARINE					
BF-Serie (Mid + High Range HP)					
20					
25					
30					
35					
40					
45					
50					
HYUNDAI					
Atos / Atos Prime / Amica					
1.0i	G4HC	40	54	02/1998-03/2002	
1.0i	G4HC-E	43	59	03/2001	>
INFINITI					
EX					

25 V6	VQ25HR	175	238	01/2010 >
35 V6	VQ35HR	221	295	01/2007 >
37 V6	VQ37VHR	228	310	01/2007 >
37 V6	VQ37VHR	235	320	09/2010 >
FX				
FX 35	VQ35DE	206	280	01/2003-09/2008
FX 35	VQ35DE	223	303	10/2008 >
FX 37	VQ37VHR	235	320	10/2008 >
FX 45	VK45DE	235	320	01/2003-09/2008
FX 50	VK50VE	287	390	02/2009 >
FX 50 Vettel Edition	VK50VE	309	420	11/2012-12/2012
G25				
2.5 V6	VQ25HR	163	222	01/2011 >
G35				
3.5 V6	VQ35DE	191	260	10/2002-12/2006
3.5 V6	VQ35HR	228	310	11/2006-12/2008
3.5 V6 Sport	VQ35DE	208	283	01/2003-12/2008
G37				
3.7 V6	VQ37VHR	235	320	10/2008 >
I30 (Maxima)				
3.0		142	193	01/1997-10/2000
M (Y51)				
M25	VQ25HR	163	222	03/2010 >
Q70 (Y51)				
2.5 V6	VQ25HR	163	222	05/2013 >
3.5 H (Hybrid)	VQ35HR	225	306	05/2013 >
QX4 (Terrano)				
3.3 V6		125	170	01/1997 >
QX50 (J50)				
2.5 V6	VQ25HR	175	238	05/2013 >
QX56				
5.6i	VK56DE	230	313	01/2004-12/2006
5.6i	VK56DE	239	325	01/2007-04/2010
QX60 / JX (L50)				
3.5	VQ35DE	193	262	11/2012 >
QX70 (S51)				
5.0 V8	VK50VE	287	390	05/2013 >
IRMER & ELZE KOMPRESSOREN				
Irmair-Serie				
2	Yanmar 3TNE68	15	20	01/2000 >
JDM (SIMPA-JDM)				
Titane				
500 Diesel	Yanmar Diesel 523 cc	4	5	01/1997 >
JOHN DEERE				
2000-Serie				
2210				01/2003-12/2006
2305	Yanmar TNV	18	24	01/2005 >
2320	Yanmar TNV	18	24	
2320	Yanmar TNV	18	24	01/2006 >
300-Serie				
322	Yanmar			
330	Yanmar			
332	Yanmar			
332	Yanmar 3TN66			01/1988-12/1991
355 D	Yanmar	11,9	16	
4000-Serie				

4010		14	19,5	01/2003 >
4010	YANMAR	14	19,5	01/2003-12/2005
4100, 4100 A	3TNE74	15	20	01/1998 >
4100, 4100 A	3TNE74	15	20	01/1998-12/2000
4110	Yanmar	15	20	
4110	Yanmar	15	20	01/2003-12/2006
4115	Yanmar	18	24	01/2002 >
400-Serie				
430	Yanmar 3cyl.			
455	Yanmar			
455	Yanmar 3TNA72UJ3			01/2000 >
600-Serie				
655	YANMAR	14	19	01/1986-12/1990
670	YANMAR	12	16	01/1989-12/1997
700-Serie				
755	Yanmar	15	20	01/1986-12/1998
756				
GX-Serie				
GX 355	Yanmar 2V78			
X-Serie				
X 495	Yanmar 3TNE74	18	24	01/2003 >
X 595 AWD	Yanmar 3TNE74	18	24	01/2003 >
X-Serie (Garden Tractor)				
750				
754				
758				
KIA MOTORS				
Carens I				
1.6 16V		77	105	07/2002 >
1.8 16V		81	110	10/2000-08/2002
1.8 16V		93	126	07/2002 >
Carens I (FC)				
1.8 16V		81	110	10/2000-08/2002
Carens II (FJ)				
1.6 16V		77	105	07/2002-09/2006
1.8 16V		93	126	07/2002-09/2006
Clarus				
1.8i 16V	T8	85	116	07/1996 >
1.8i 16V	T8	85	116	07/1996-10/2001
2.0i 16V	FE (16 V)	98	133	07/1996 >
2.0i 16V	FE (16 V)	98	133	07/1996-10/2001
Picanto				
1.0		45	61	04/2004 >
1.1	G4HG	48	65	04/2004 >
Picanto I (BA)				
1.0		45	61	04/2004-05/2011
1.1	G4HG	48	65	04/2004-05/2011
Pride				
1.1i	B1	38	52	01/1991 >
1.3 16V	B3	47	64	10/1996 >
1.3 16V	B3	47	64	10/1996-06/1999
1.3 GLXi	B3	44	60	02/1996 >
1.3 GLXi	B3	53	72	02/1996 >
1.3 GLXi	B3	53	72	02/1996-05/1997

1.3i		51	69	01/1990 >
Rio I (00-05)				
1.3i 16V	B3	55	75	05/2000-10/2005
1.5i 16V		72	98	05/2000-10/2005
Rio I (DC)				
1.3i 16V	B3	55	75	05/2000-10/2005
1.3i 16V		60	82	08/2002-02/2005
1.5i 16V		72	98	05/2000-10/2005
Roadster (Elan)				
1.8		100	136	08/1999 >
Sephia				
1.5i	B5	59	80	02/1996 >
1.5i	B5	59	80	02/1996-12/1998
1.6i	B6	59	80	09/1993 >
1.8i		82	112	01/1995 >
Shuma I (Shepia II)				
1.5i		65	88	04/1998-05/2001
1.8i		81	110	04/1998-05/2001
Shuma II				
1.6i 16V		75	101	03/2001-04/2003
1.8i 16V	TED	84	114	01/2003-08/2004
Spectra				
1.6i		75	101	01/2005 >
KOBELCO				
SK-Serie				
007	Yanmar 2TN66L	6	8	01/1992 >
KOMATSU				
PC (Kettenbagger / Crawler Excavators)				
PC 05-7	3 D 68 E-3			
PC 05-7	3 D 72-2			
PC 10-7	3D74E			
PC 12 R-8 (10001-..)	3D68E-3G	10	14	
PC 12 UU-2	3 D 68 E			
PC 15 R-8 (10001-..)	3D68E-N3FB	11	15	
PC 20 R-8	3 D 84 E			
PC 20-6	3D84-1FA			
PC 20-7	3D82E			
PC 30-6	3D841GA			
PC 40-6	3D95SE1E			
PC-Serie (EXCAVATORS)				
05-7	3 D 68 E-3			
05-7	3 D 72-2			
10-7	3D74E			
12 UU - 2	3 D 68 E			
12R-8 (10001-..)	3D68E-3G	10,6	14	
15R-8 (10001-..)	3D68E-N3FB	11,4	15	
20 R-8	3 D 84 E			
20-6	3D84-1FA			
20-7	3D82E			
30-6	3D841GA			
40-6	3D95SE1E			
KUBOTA				
B1000-Serie				
B 1200				

B 1220					01/2009 >
B 1400					
B 1402					
B 1500					
B 1502					
B 1600					
B 1620	Kubota D722				01/2009 >
B 1702					
B 1820	Kubota D782				01/2009 >
B1200					
B1400					
B1402					
B1500					
B1502					
B1600					
B1702					
B10-Serie					
B1410	D 905 E-BX				
B1610	D 905 E-BX				
B20-Serie					
B1220					
B1620					
B1820					
B5000-Serie					
B 5000					
B 5001					
B 5100	Kubota	10	13		01/1973-12/1977
B 5200	Kubota	10	13		01/1983-12/1996
B5000					
B5001					
B5100	Kubota	10	13		01/1973-12/1977
B5200	Kubota	10	13		01/1983-12/1996
B6000-Serie					
B 6001					
B 6100	Kubota	10	14		01/1978-12/1984
B 6200	Kubota	11	15		01/1983-12/1984
B6001					
B6100	Kubota	10	14		01/1978-12/1984
B6200	Kubota	11	15		01/1983-12/1984
B7000-Serie					
B 7000					
B 7001					
B 7200	Kubota	13	17		01/1983-12/1990
B 7300 HSD	D722-D10SP PN#1J007-02001	9	12		01/1997 >
B 7400 HSD	D722	12	16		01/1998 >
B 7410 DT	D782-E-D20				
B7000					
B7001					
B7100	Kubota	12	16		01/1977-12/1984
B7200	Kubota	13	17		01/1983-12/1990
B8000-Serie					
B 8100					

B 8200	Kubota	14	19	01/1983-12/1990
B8100				
B8200	Kubota	14	19	01/1983-12/1990
BX-Serie				
1500 D-48	Z602-E PN#1J001-00001			
1500 D-54	Z602-E PN#1J001-00001			
1800 D / E	D722E-BX	13	18	01/2000 >
1830 D	D722-E-BX			
1850 D	D722-E2-BX-2			
1860 D	D722E3BX2			
1870	D722-E3-BX-3			
2230 D	D902-E-BX			
2350	D902-E2-BX-2			
2350 D	D902-E2-BX-2	18	24	
2360	D902E3BX2			
2370	D902-E3-BX-3			
24	D902-E2-BX-2 PN#1G826-00001			
25	D902-E2-BX-2 PN#1G826-00001			
G/GL/GV-Serie				
G1800/1800S		12	16	
G1900/1900S		13	18	
G2000		15	21	
G2160/G2160-R48S	Kubota D 782	15	21	
G2460G	WG752 PN#EG294-00000			
G4200H		9	12	
GF-Serie				
GF1800	D722 PN#1J002-01001			
GF1800E	D722 PN#1J002-01001			
GR-Serie				
2100	D782			
2110	D782-E2-GX			
2120	D782			
GZD-Serie				
GZD 15 / 21				
KX (Minibagger / Mini Excavators)				
016-4				
018-4	D902E3BH3 S/N above #40442			
019-4				
36-3	D782-BH	9	12	
41-3	D 902-EBH	16	22,2	
RTV900-Serie				
RTV900	D902-E-UV			
RTV900G	D902-E-UV PN#1G826-08001			
RTV900G9	D902-E-UV PN#1G826-08001			
RTV900R	D902-E-UV PN#1G826-08001			
RTV900R6	D902-E-UV PN#1G826-08001			
RTV900R9	D902-E-UV PN#1G826-08001			
RTV900T	D902-E-UV PN#1G826-08001			
RTV900T5	D902-E-UV PN#1G826-08001			
RTV900T6	D902-E-UV PN#1G826-08001			

RTV900W	D902-E-UV PN#1G826-08001			
RTV900W6	D902-E-UV PN#1G826-08001			
RTV900W6SE	D902-E-UV PN#1G826-08001			
RTV900W9	D902-E-UV PN#1G826-08001			
RTV-X900G-A/G-H/R/W	D902 PN# 1J025-10001			
RTV-Serie				
RTV400	EX42			
RTV500	GZD460			
TG-Serie				
1860-48	D722-E-GX PN#1J002-02001			
1860-54	D722-E-GX PN#1J002-02001			
1860A-48	D722-E-GX PN#1J002-02001			
1860A-54/1860AB-54	D722-E-GX PN#1J002-02001			
1860B-54	D722-E-GX PN#1J002-02001			
T-Serie				
T1600H	Z482	10	14	
ZD-Serie				
18	D722 PN# 1J002-06001			
21	D782 PN# 1G716-00001	15	21	
221	D782-E3-ZD-1 PN#1J093-10001			
321	D782E2ZD2 PN#1G716-04001	15	21	01/2007 >
321N/S	D782E2ZD2 PN#1G716-04001			
323	D902-E3-ZD PN#1J025-11001			
ZG-Serie				
ZG 222 A	KGZ770E2M1 PN# EG373-11000	32	44	
ZG 222-48	KGZ770E2M1 PN#EG373-00000	32	44	
ZG 227/227 A	KGZ770E2M2 PN#EG372-00000	32	44	
ZG 332P-60/ZG 332LP-72		32	44	
ZP-Serie				
ZP330LP-72	WG972-GL-E3-ZG-1PN#EG801-51001			
ZP330P-60	WG972-GL-E3-ZG-1PN#EG801-51001			
MARINER MARINE				
Small-Range				
15		11	15	
9.9		7	9,9	
MAZDA				
1000				
1.0	PC	33	45	01/1975-01/1977
121 (87-96)				
1.1	B116	42	57	10/1987-10/1990
1.3	B3	44	60	10/1987-10/1990
1.3 16V	B3	40	54	11/1990-07/1996
1.3 16V	B3	53	72	11/1990-07/1996
1.3 Kat.	B3	40	55	04/1989-10/1990
121 (DA/DB)				
1.1	B116	42	57	10/1987-10/1990
1.3	B3	44	60	10/1987-10/1990
1.3 16V	B3	40	54	11/1990-07/1996

1.3 16V	B3	53	72	11/1990-07/1996
1.3 Kat.	B3	40	55	04/1989-10/1990
2 (DE)				
1.3		55	75	10/2007 >
1.3		63	86	10/2007 >
1.5		76	103	10/2007 >
3				
1.4		62	85	01/2004 >
1.6		77	105	10/2003 >
3 (BK)				
1.4		62	85	10/2003-06/2009
1.4		59	80	01/2004-06/2009
1.6		77	105	10/2003-06/2009
3 (BL)				
1.6		77	105	06/2009 >
3 (BM)				
1.5 Skyactiv-G 100		74	101	09/2013 >
323 I (FA)				
1.0	PC	33	45	06/1977-05/1980
1.3	T	44	60	01/1977-05/1980
1.4	UC	51	69	05/1978-08/1980
323 I (FA) 77-80				
1.0	PC	33	45	06/1977-05/1980
1.3	T	44	60	01/1977-05/1980
1.4	UC	51	69	05/1978-08/1980
323 II (BD)				
1.1	E1	40	54	11/1980-10/1985
1.3		50	68	11/1980-10/1985
1.3	E3	44	60	11/1980-10/1985
1.5	E5	63	86	11/1980-12/1983
1.5	E5	65	88	11/1980-10/1985
1.5	E5 OHC	55	75	05/1982-10/1985
1.5 St.W.	D5	52	70	04/1982-10/1985
323 II (BD) 80-85				
1.1	E1	40	54	11/1980-10/1985
1.3		50	68	11/1980-10/1985
1.3	E3	44	60	11/1980-10/1985
1.5	E5	63	86	11/1980-12/1983
1.5	E5	65	88	11/1980-10/1985
1.5	E5 OHC	55	75	05/1982-10/1985
1.5 St.W.	D5	52	70	04/1982-10/1985
323 III (BF/BW)				
1.1	E1	40	54	09/1985-12/1987
1.3	E3	44	60	08/1985-05/1989
1.3	E3	49	67	09/1985-08/1989
1.3	B3	55	75	09/1989-05/1991
1.4	B3	44	60	09/1987-10/1989
1.5	B5	55	75	08/1985-05/1989
1.5	E5	55	75	08/1985-05/1989
1.5	B5	54	73	01/1987-05/1989
1.5	B5	54	73	09/1987-10/1989
1.5i		70	95	08/1985-05/1989
1.5i Turbo		85	115	08/1985-05/1989

1.6	B6	77	105	08/1985-05/1989
1.6	B6E	63	86	01/1986-11/1989
1.6		54	73	09/1987-10/1989
1.6 GT	B6	77	105	01/1988-04/1990
1.6 4x4 St. W.	B6E	63	86	05/1986-11/1989
1.6 GT	B6	63	85	11/1986-10/1989
1.6 GT	B6	63	86	09/1987-10/1989
1.6 GT Turbo 4WD		110	150	08/1987-10/1989
1.6 Turbo 4 WD	B6 (Turbo)	103	140	10/1987-11/1991
323 III (BF/BW) 85-89				
1.1	E1	40	54	09/1985-12/1987
1.3	E3	44	60	08/1985-05/1989
1.3	E3	49	67	09/1985-08/1989
1.3	B3	55	75	09/1989-05/1991
1.4	B3	44	60	09/1987-10/1989
1.5	B5	55	75	08/1985-05/1989
1.5	E5	55	75	08/1985-05/1989
1.5	B5	54	73	01/1987-05/1989
1.5	B5	54	73	09/1987-10/1989
1.5i		70	95	08/1985-05/1989
1.5i Turbo		85	115	08/1985-05/1989
1.6	B6	77	105	08/1985-05/1989
1.6	B6E	63	86	01/1986-11/1989
1.6		54	73	09/1987-10/1989
1.6 4x4 St. W.	B6E	63	86	05/1986-11/1989
1.6 GT	B6	63	85	11/1986-10/1989
1.6 GT	B6	63	86	09/1987-10/1989
1.6 GT	B6	77	105	01/1988-04/1990
1.6 GT Turbo 4WD		110	150	08/1987-10/1989
1.6 Turbo 4 WD	B6 (Turbo)	103	140	10/1987-11/1991
323 IV (BG)				
1.3	B3E	49	67	09/1989-07/1994
1.3		54	73	03/1991-07/1994
1.6	B6E	62	84	09/1989-06/1991
1.6	B6	65	88	03/1991-10/1994
1.8 16V	BP31	103	140	09/1989-07/1994
1.8 16V 4WD	BP52	76	103	09/1991-07/1994
1.9	BP Kat.	76	103	04/1991-07/1994
1.9	BP52	76	103	09/1991-07/1994
1.9 16V	B5 (DOHC)	94	128	09/1989-03/1993
1.9 16V Turbo 4WD	BP (DOHC)	120	163	01/1991-07/1994
1.9 16V Turbo 4WD		136	185	01/1993-07/1994
323 IV (BG) 89-94				
1.3	B3E	49	67	09/1989-07/1994
1.3		54	73	03/1991-07/1994
1.6	B6E	62	84	09/1989-06/1991
1.6	B6	65	88	03/1991-10/1994
1.8 16V 4WD	BP52	76	103	09/1991-07/1994
1.9	BP Kat.	76	103	04/1991-07/1994
1.9	BP52	76	103	09/1991-07/1994
1.9 16V	B5 (DOHC)	94	128	09/1989-03/1993
1.9 16V	BP (DOHC)	94	128	03/1991-07/1994

1.9 16V Turbo 4WD	BP (DOHC)	120	163	01/1991-07/1994
1.9 16V Turbo 4WD		136	185	01/1993-07/1994
323 V (BA)				
1.4	B3 (16V)	54	73	08/1994-10/1998
1.5 16V	Z5	65	88	08/1994-10/1998
1.8 16V	BP	84	114	08/1994-10/1998
323 V (BA) 94-98				
1.4	B3 (16V)	54	73	08/1994-10/1998
1.5 16V	Z5	65	88	08/1994-10/1998
1.9 16V	BP	84	114	08/1994-10/1998
323 VI (BJ)				
1.4	B3-ME	53	72	01/2001-05/2004
1.4 16V	B3-ME	54	73	09/1998-02/2001
1.5 16V	Z5	65	88	09/1998-02/2001
1.6		70	95	11/2000-05/2004
1.6		72	98	11/2000-05/2004
1.9 16V	BP	84	114	09/1998-02/2001
2.0 16V		96	130	11/2000-05/2004
323 VI (BJ) 98-03				
1.4	B3-ME	53	72	01/2001-05/2004
1.4 16V	B3-ME	54	73	09/1998-02/2001
1.5 16V	Z5	65	88	09/1998-02/2001
1.6		70	95	11/2000-05/2004
1.6		72	98	11/2000-05/2004
1.9 16V	BP	84	114	09/1998-02/2001
2.0 16V		96	130	11/2000-05/2004
626 II (GC)				
1.6	F6	59	80	11/1982-06/1987
1.6		55	75	03/1983-09/1987
2.0	FE	74	101	03/1983-09/1987
2.0		68	93	01/1985-09/1987
2.0	FE	88	120	01/1986-09/1987
626 III (GD/GV)				
1.8		69	94	11/1987-05/1992
1.8	F8	65	88	11/1987-05/1992
2.0	FE	81	110	09/1987-01/1990
2.0	FE Kat. / FEA Kat.	66	90	09/1987-10/1990
2.0	FE	79	107	11/1987-05/1992
2.0 16V	FEKat.(16V)	109	148	06/1987-08/1989
2.0 16V	FE	103	140	11/1987-05/1992
2.2 12V	F2	85	115	11/1987-12/1991
626 IV (GE)				
1.9	FP	77	105	08/1991-04/1997
1.9	FP	66	90	08/1994-04/1997
2.0 i	FS	85	115	08/1991-04/1997
2.0 i	FS	110	150	11/1994-02/1998
2.0 i 4WD	FS	85	115	04/1992-04/1997
2.2 12V	F2 Kat.	85	116	05/1991-02/1998
626 V (GF/GW)				
1.9	FP	66	90	05/1997-01/2000
1.9	FP	74	100	12/1999-09/2002
2.0	FS	100	136	05/1997-09/2002
2.0	FS	85	115	05/1997-09/2002

1.6	B6	80	109	04/1998 >
1.8	BP	90	122	04/1998 >
B-Serie (Pickup)				
2.2	F2	68	92	08/1991-03/1996
2.6 12V 4WD	G6MPV Kat.	90	122	01/1990-07/1999
Demio				
1.3i	B3-ME	46	63	08/1998 >
1.3i	B3-ME	46	63	08/1998-02/2003
1.3i H.P.	B3	53	72	08/1998-04/2000
1.5i		55	75	05/2000 >
1.5i		55	75	05/2000-02/2003
E 2000-Serie				
2.0	FE	60	82	03/1991-05/1994
2.0	FE	71	97	06/1994-05/2003
2.0 4WD	FEBN	60	82	10/1988-09/1989
Econovan				
1.4		48	65	03/1984 >
E-Serie				
1.3	TC			01/1975-12/1983
1.4	D417	35	48	03/1984-08/1988
MPV				
2.0		88	120	08/2000-08/2002
2.0 16V	FS-DS	90	122	10/1999-09/2000
MX-3				
1.3	B69	65	88	07/1991 >
1.6i 16V	B6	65	88	09/1991-04/1994
1.6i 16V	B6D	79	107	01/1994 >
MX-5				
1.6	B64F	85	115	05/1990-01/1994
1.6	B6	66	90	01/1995-05/1998
1.6 16V	B6	81	110	05/1998-11/2005
1.8	BPF1	96	130	08/1993-11/1994
1.8 16V	BP-ZE	103	140	05/1998-12/2000
1.8 16V	BP	102	139	11/2000-11/2005
1.8 16V	BP	107	146	11/2000-11/2005
1.9 16V	BP	102	139	11/2000-11/2005
1.9 16V	BP	107	146	11/2000-11/2005
MX-6				
2.0	FS	85	115	02/1992-02/1997
Premacy				
1.9	FP	74	100	08/1999 >
1.9	FP	84	115	08/1999-10/2001
1.9	FP	74	100	08/1999-06/2005
2.0	FS7E, FS7G	96	130	11/2001 >
2.0	FS7E, FS7G	96	130	11/2001-06/2005
RX-7				
1.2	12AN2	77	105	05/1979-05/1981
1.2	12AN2	85	115	01/1981-03/1984
1.2	12AN2	83	113	03/1984-03/1986
1.4 Turbo Twin	RE13B	176	239	07/1992-09/1993
RX-8				
RX-8	RENESESIS	141	192	11/2003 >
RX-8	RENESESIS	170	231	11/2003 >
RX-8	RENESESIS	141	192	11/2003-12/2010

RX-8	RENESESIS	170	231	11/2003-12/2010
Xedos 6				
1.6 16V	B69	83	113	08/1992-05/1994
1.6 16V	B6	79	107	06/1994 >
1.6 16V	B6	79	107	06/1994-10/1999
MERCURY MARINE				
Small-Range				
15		11	15	
9.9		7	9,9	
MESSERSI				
M-Serie				
M 18 BE	Kubota D902	15	20	01/2007 >
MITSUBISHI				
Pajero Junior				
1.1	4A31	55	75	10/1995-12/2001
NANNI DIESEL				
2-Serie				
2.45 HE (Kubota Z482)		7	10	
2.50 HE (Kubota Z482)		10	14	
3-Serie				
3.75 HE (Kubota D722-E)		15	21	
NISSAN				
200 SX, ZX				
2.0i 16V	SR20DE	103	140	07/1988-11/1993
2.0i 16V	SR20DE	118	160	10/1993-12/1999
2.0i 16V Turbo	SR20DET	147	200	04/1994-12/1999
350 Z				
3.5 V6	VQ35DE	206	280	09/2003 >
3.5 V6	VQ35DE	222	301	05/2005 >
3.5 V6	VQ35DE	230	313	09/2005 >
370 Z				
3.7 V6		243	331	06/2009 >
Almera I (95-00)				
2.0 GTi		105	143	07/1996-05/2000
Almera I (N15)				
2.0 GTi		105	143	07/1996-05/2000
Almera II (00-)				
1.5	QG15DE	66	90	03/2000-12/2002
1.5	QG15DE	72	98	10/2002 >
1.8	QG18 DE	84	115	03/2000-12/2002
1.8	QG18 DE	85	116	10/2002 >
2.0	SR20DE	100	136	03/2000 >
Almera II (N16)				
1.5	QG15DE	66	90	03/2000-12/2002
1.5	QG15DE	72	98	10/2002 >
1.8	QG18 DE	84	115	03/2000-12/2002
1.8	QG18 DE	85	116	10/2002 >
2.0	SR20DE	100	136	03/2000 >
Almera Tino				
1.8	QG18DE	84	114	07/2000 >
1.8	QG18DE	85	116	01/2003 >
2.0	SR20DE	100	136	07/2000 >
Altima				
2.5	QR25DE	130	177	01/2006 >
3.5 V6	VQ35DE	201	273	01/2006 >
CUBE				

1.6		81	110	08/2009 >
Juke				
1.6		86	117	09/2010 >
1.6		69	94	01/2013 >
1.6 DIG-T		140	190	09/2010 >
1.6 DIG-T		147	200	02/2013 >
1.6 DIG-T	MR16DDT	160	218	08/2014 >
Maxima				
2.0 QX	VQ20DE	103	140	02/1995-08/2000
2.0 V6 24V QX	VQ20DE	103	140	03/2000 >
3.0 QX	VQ30DE	142	193	01/1995-12/1996
3.0 V6 24V QX	VQ30DE	147	200	05/2000 >
Micra III (03-)				
1.6i 16V 160 SR	HR16DE	81	110	07/2005 >
Micra III (K12)				
1.6i 16V 160 SR	HR16DE	81	110	07/2005 >
Micra IV (K13)				
1.2	HR12DDR	72	98	05/2010 >
1.2	HR12DE	59	80	05/2010 >
Murano				
3.5 V6	VQ35DE	172	234	03/2005 >
3.5 V6	VQ35DE	188	256	09/2008 >
Note				
1.6		81	110	03/2006 >
1.6	HR16DE	81	110	03/2006 >
Note (E12)				
1.2	HR12DE	59	80	09/2013 >
1.2 DIG-S	HR12DDR	72	98	09/2013 >
NV200				
1.6	HR16DE	81	110	11/2009 >
Pathfinder				
2.7 TD	TD27ETI	96	131	12/1999-03/2005
3.3 V6	VG33E	125	170	09/1997-03/2005
3.3 V6	VG33E	110	150	08/1999-02/2001
3.5 V6	VQ35DE	162	220	01/2001-03/2005
4.0 V6	VQ40DE	195	265	05/2005 >
Patrol GR II				
4.5i	TB45E	147	200	06/1997 >
4.8i	TB48	180	245	06/1997 >
Primera II (96-02)				
1.8	QG18DE	84	114	09/1996-07/2002
2.0	SR20DE	103	140	09/1996-07/2002
2.0 16V	SR20DE EGI Kat.	110	150	09/1996-07/2002
2.0 16V	SR20DE MPI	96	131	09/1996-07/2002
2.0 16V	SR20DE SPI	85	115	09/1996-07/2002
Primera II (P11)				
1.6 16V	QG16DE	78	106	10/2000-07/2002
1.8	QG18DE	84	114	09/1996-07/2002
2.0	SR20DE	103	140	09/1996-07/2002
2.0 16V	SR20DE EGI Kat.	110	150	09/1996-07/2002
2.0 16V	SR20DE MPI	96	131	09/1996-07/2002
2.0 16V	SR20DE SPI	85	115	09/1996-07/2002
Primera III (02-)				
1.6	QG16DE	80	109	02/2002 >

1.8	QG18DE	85	116	02/2002 >
2.0	QR20DE	103	140	02/2002 >
Primera III (P12)				
1.6	QG16DE	80	109	02/2002 >
1.8	QG18DE	85	116	02/2002 >
2.0	QR20DE	103	140	02/2002 >
Qashqai				
1.6	HR16DE	84	114	02/2007 >
1.6	HR16DE	85	115	02/2007 >
2.0	MR20DE	104	141	02/2007 >
Qashqai II				
1.6 DIG-T	MR16DDT	120	163	11/2014 >
Teana				
2.0	QR20DE	100	136	09/2003-02/2008
2.3 V6	VQ23DE	127	173	09/2003-02/2008
2.5	QR25DE	134	182	02/2008 >
2.5	QR25DE	127	173	09/2013 >
2.5 4WD	QR25DE	123	167	01/2010 >
3.5 V6	VQ35DE	180	245	09/2003-02/2008
3.5 V6	VQ35DE	183	249	02/2008 >
Tiida				
1.6 16V		81	110	01/2008 >
1.8 16V		93	126	01/2008 >
Tino				
1.8 16V	NEOQG18DE	88	120	02/1999 >
2.0 16V	SR20DE	99	135	02/1999 >
X-Trail I (01-07)				
2.0i	QR20DE	103	140	05/2001 >
2.0i Turbo	SR20DET	205	280	10/2001 >
2.5i		121	165	02/2003 >
X-Trail I (T30)				
2.0i	QR20DE	103	140	05/2001-06/2007
2.0i Turbo	SR20DET	205	280	10/2001-06/2007
2.5i		121	165	02/2003-06/2007
X-Trail II (07-)				
2.5		124	169	07/2007 >
X-Trail II (T31)				
2.0 16V	MR20DE	104	141	07/2007-09/2010
2.5 16V		124	169	07/2007-09/2010
NISSAN MARINE				
Outboards (NSF-Series)				
15		11	15	
18		13	18	
25		18	25	
30		22	30	
9.9		7	9,9	
RENAULT				
Clio III / Clio Collection				
2.0 16V	M4R 700	102	140	12/2006 >
Espace IV (2002-)				
3.5 V6	V4Y	177	241	10/2002 >
Espace IV / Grand Espace IV				
3.5 V6	V4Y	177	241	10/2002 >
Koleos				
2.5	2TRB700	126	171	09/2008 >
.	...			

3.5 24V	V4Y 713	175	238	10/2008	>
Vel Satis					
3.5 V6 24V	V4Y	177	241	10/2001	>
SABB MOTOR (MARINE-ENGINES)					
M-Series (Mitsubishi)					
M4.130					
M4.140					
SUBARU					
Forester (SF)					
2.0	EJ20	90	122	08/1997-12/1998	
2.0	EJ20	92	125	06/1998-09/2002	
2.0 S-Turbo	EJ20G	125	170	04/1999-03/2001	
2.0 S-Turbo	EJ20G	130	177	02/2001-09/2002	
Forester (SG)					
2.0	EJ20	92	125	09/2002-03/2008	
2.0	EJ20	115	158	09/2005-03/2008	
2.0 S/XT-Turbo	EJ20G	130	177	09/2002-03/2008	
2.5	EJ25D	121	165	07/2005	>
2.5 RX	EJ25	115	156	11/2002-08/2005	
2.5 XT-Turbo	EJ25	155	211	09/2004-03/2008	
2.5 XT-Turbo	EJ25	169	230	09/2005-03/2008	
Forester (SG/SF)					
2.0	EJ20	115	158	09/2005	>
2.5 XT-Turbo	EJ25	155	211	09/2004	>
2.5 XT-Turbo	EJ25	169	230	09/2005	>
Forester (SH)					
2.0 16V	EJ20, FB20	110	150	04/2008	>
2.5 XT	EJ25	169	230	04/2008	>
2.5 X	EJ25, FB25	126	171	06/2010	>
Impreza I (GC/GF/GFC)					
1.6	EJ16E	66	90	12/1996-12/2000	
1.6i	EJ16	70	95	06/1998-12/2000	
1.6i 4WD	EJ16	66	90	08/1992-12/2000	
1.8i 4WD	EJ18	76	103	08/1992-12/2000	
2.0 Turbo 4WD	EJ20	155	211	12/1996-12/2000	
2.0 Turbo GT 4WD	EJ20T	160	218	06/1998-12/2000	
2.0i 4WD	EJ20	85	115	10/1995-12/2000	
2.0i 4WD	EJ20	92	125	06/1998-12/2000	
2.0i Turbo	EJ20T	155	211	03/1994-12/2000	
Impreza II (GD/GG)					
1.5 R		77	105	09/2006	>
1.5 R		77	105	09/2006-08/2007	
1.6	EJ16	70	95	12/2000-12/2005	
2.0 GX	EJ20	92	125	12/2000-12/2005	
2.0 R	EJ20	118	160	11/2005	>
2.0 R	EJ20	118	160	11/2005-08/2007	
2.0 WRX	EJ20T	160	218	12/2000-03/2003	
2.0 WRX	EJ20T	165	225	02/2003-12/2005	
2.0 WRX STI	EJ20T	195	265	02/2002-12/2005	
2.0 WRX STI S202	EJ20T	235	320	07/2002-12/2005	
2.5 WRX	EJ25	169	230	11/2005	>
2.5 WRX	EJ25	169	230	11/2005-08/2007	
2.5 WRX STI	EJ25	206	280	11/2005	>

2.5 WRX STI	EJ25	206	280	11/2005-08/2007
Impreza III (G3)				
1.5 16V		79	107	09/2007 >
2.0 16V		110	150	09/2007 >
2.5		169	230	02/2008 >
2.5 STI		294	400	04/2010 >
2.5 WRX STI		221	301	02/2008 >
Impreza IV				
2.5 WRX STi		221	300	06/2014 >
Justy (84-03)				
1.0	EF10	40	54	11/1984-06/1989
1.0	EF10	37	50	05/1987-12/1994
1.0 4WD	EF10	40	54	11/1984-12/1990
1.0 4WD	EF10	37	50	05/1987-12/1994
1.2	EF12	50	68	10/1986-12/1990
1.2	EF12	49	67	05/1987-10/1995
1.2	EF12	55	75	10/1990-10/1995
1.2 4WD	EF12	49	67	05/1987-09/1995
Justy I (KAD) + II (JMA, MS)				
1.0	EF10	40	54	11/1984-06/1989
1.0	EF10	37	50	05/1987-12/1994
1.0 4WD	EF10	40	54	11/1984-12/1990
1.0 4WD	EF10	37	50	05/1987-12/1994
1.2	EF12	50	68	10/1986-12/1990
1.2	EF12	49	67	05/1987-10/1995
1.2	EF12	55	75	10/1990-10/1995
1.2 4WD	EF12	49	67	05/1987-09/1995
Legacy I				
1.8 4WD	EJ18 SPI	76	103	01/1989-09/1991
1.8i 16V	EJ20	85	116	10/1991-09/1994
2.0 4WD Super	EJ20 EMPI	85	116	05/1992-10/1994
2.0 Turbo 4WD Super	EJ20-GN	147	200	05/1992-10/1994
2.0i 4WD	EJ20	85	116	09/1994-03/1999
2.2 Super 4WD	EJ22 EMPI	100	136	01/1989-10/1994
2.2i	EJ22 EMPI	94	128	09/1994-12/1998
2.2i 4WD	EJ22 EMPI	96	131	06/1996-12/1998
2.5 16V 4WD	EJ25	110	150	07/1996-12/1998
Legacy II				
2.0	EJ20-E	92	125	04/1999-02/2004
2.5	EJ25D	115	156	12/1998-02/2004
Legacy III				
2.0 16V	EJ20	101	138	10/2003 >
2.0 16V	EJ20	120	165	09/2005 >
2.5 16V	EJ25	121	165	10/2003 >
Legacy III (03-)				
2.0 16V	EJ20	101	138	10/2003 >
2.0 16V	EJ20	120	165	09/2005 >
2.5 16V	EJ25	121	165	10/2003 >
Legacy IV				
2.0i	EJ204/BJ204	110	150	09/2009 >
2.5 GT	EJ255	195	265	07/2010 >
Libero				
1.0 4WD	EF10	37	50	01/1983-12/1987

1.2 4WD	EF12	38	52	08/1986-02/2000
1.2i 4WD	EF12	40	54	05/1993-02/2000
Liberty (BL / BP)				
2.5i	EJ253	123	167	09/2009 >
Outback I				
2.5	EJ25D	115	156	10/2000-02/2004
Outback II				
2.5 16V	EJ25	121	165	02/2004-09/2009
Outback II (04-)				
2.5 16V	EJ25	121	165	02/2004 >
Outback III				
2.5i		123	167	09/2009 >
SVX				
3.3i 24V	EG33 DOHC	169	230	09/1992-09/1994
3.3i 24V	EG33 DOHC	162	220	09/1994-12/1997
Vivio				
660 4WD	EN07E	32	44	03/1992-10/1995
TAKEUCHI				
TB - Kompaktbagger orange / Compact Excavators				
TB 20R	Yanmar 3TNV76-XTB			
TB 23R	Yanmar 3TNV76-XTB	14	19	
TB 0 (Kompaktbagger / Compact Excavators)				
TB 007	Yanmar 2TN66L-UTBA; 2TNE68-ETB			
TB 007	Yanmar 3TN66L	5,8	7	01/1995 >
TB 014	Kubota D782-E2B-BHTU-1	9	12	
TB 014	Yanmar 3TNE68-NTB, -TB1, - ETB1			
TB 014A/S	Yanmar 3TNE68	9	12	01/1998 >
TB 015	Yanmar 3TNA72L-UTBZ			
TB 016	Yanmar 3TNE68-NTB, -TB1, - ETB1			
TB 016	Yanmar 3TNV70-STB	10,1	14	
TB 016A/S	Yanmar 3TNE68	9	12	01/1998 >
TB 1 (Kompaktbagger / Compact Excavators)				
TB 108	Yanmar 2TNV70 / 2TNE68- ETBA	7	10	
TB 2 (Kompaktbagger / Compact Excavators)				
TB 219	Yanmar 3TNV70-NTB			
TB 219 A/S	Yanmar 3TNV70-STB	10	16	
TB-FR/R (Zero Swing Excavators)				
TB 20R	Yanmar 3TNV76-XTB	13,9	18	
TB 23R	Yanmar 3TNV76-XTB	13,9	18	
TB-Serie				
007	Yanmar 3TN66L	5,8	7	01/1995 >
014 A/S	Yanmar 3TNE68	9	12	01/1998 >
016 A/S	Yanmar 3TNE68	9	12	01/1998 >
108				
THOMAS				
T-Serie				
83	Kubota D 850 B	14,8	19	
TOHATSU MARINE				
Outboards (MFS-Series)				
15		11	15	
18		13	18	
25		18	25	

30		22	30
9.9		7	9,9
VOLVO CONSTRUCTION EQUIPMENT			
EC / ECR (Crawler Excavators)			
EC 15 C	3TNV76-WVE		
EC 17 C	3TNV76-WVE		
EC 18 C	3TNV76-WVE		
EC 20 C	3TNV76-WVE		
ECR 28	D1.2A, S/N - 11410		
YAMAGUCHI			
WB-Serie			
12H	Kubota Z482	9	12
YANMAR			
B-Serie			
15-3			
Vio-Serie			
15-2 / 15-2A	3TNV70	9	12 01/2006 >
20-2			
20-3			
YANMAR DIESEL			
TN/TNA/TNC/TNE-Series			
2TNE68E			
3TNE68			
3TNE74-G2A/SA			
TNV-Series			
3TNV70-XBVA	3 Cylinder	12,1	16
YANMAR MARINE DIESEL			
JH-Serie			
3JH2E, 3JH2TE			
3JH3E-YEU			