

## MANN-FILTER: W 712/83



Marka	Seri	Model Tipi	kW / HP	Model Yılı
CHERY	Amulet / New Amulet / Flagcloud (A15)	1.3L SQR477FB	65 KW / 88 HP	04.2006-12.2008
CHERY	Amulet / New Amulet / Flagcloud (A15)	1.6L (CNG)	81 KW / 110 HP	01.2009-05.2010
CHERY	Amulet / New Amulet / Flagcloud (A15)	1.6L (CNG) SQR480EJCNG	71 KW / 97 HP	01.2008-12.2009
CHERY	ARRIZO 5	1.5 16V (RX, RXT, VVT Turbo Flex)	110 KW / 150 HP	11.2018-03.2022
CHERY	ARRIZO 5	1.5L SQRG4G15	88 KW / 120 HP	10.2023->
CHERY	ARRIZO 6	1.5 VVTI Turbo Flex	110 KW / 150 HP	06.2020->
CHERY	E3	1.5L SQRD4G15	80 KW / 109 HP	09.2013-12.2017
CHERY	E5	1.5 SQR477F;SQRD4G15	80 KW / 109 HP	07.2011-12.2018
CHERY	Fulwin 2	1.5 SQR477F	80 KW / 109 HP	10.2009-12.2015
CHERY	Tiggo 2	1.5 16V (Tiggo 2 PRO / Tiggo 3x Plus) SQRD4G15	80 KW / 109 HP	10.2021->
CHERY	Tiggo 2	1.5 16V Flex	85 KW / 115 HP	04.2018-03.2022
CHERY	Tiggo 3	1.5L SQRE4G15C	85 KW / 116 HP	08.2019->
CHERY	Tiggo 3	1.5T SQRE4T15C	115 KW / 156 HP	02.2021->
CHERY	Tiggo 5x	1.5 16V Turbo Flex	110 KW / 150 HP	01.2019->
CHERY	TIGGO 5x (Tiggo 4)	1.5L SQRE4G15B;SQRE4G15C	85 KW / 116 HP	10.2018->
CHERY	TIGGO 5x (Tiggo 4)	1.5T SQRE4T15B	108 KW / 147 HP	09.2017->
CHERY	TIGGO 5x (Tiggo 4)	1.5T SQRE4T15C	115 KW / 156 HP	09.2019->
CHERY	Tiggo 7 / Tiggo 7 Plus / Pro	1.5 TURBO FLEX	110 KW / 150 HP	01.2019-09.2022
CHERY	Tiggo 7 / Tiggo 7 Plus / Pro	1.5T i SQRE4T15C	115 KW / 156 HP	06.2019->
CHERY	Tiggo 7 / Tiggo 7 Plus / Pro	1.5T SQRE4T15	112 KW / 152 HP	09.2016->
CHERY	Tiggo 7 / Tiggo 7 Plus / Pro	1.5T SQRE4T15B	108 KW / 147 HP	09.2016->
CHERY	Tiggo 7 / Tiggo 7 Plus / Pro	1.5T SQRE4T15C	115 KW / 156 HP	03.2020->
CHERY	Tiggo 7 / Tiggo 7 Plus / Pro	1.6T 290TGDI SQR4J16;SQR4J16C	145 KW / 197 HP	03.2020->

CHERY	TIGGO 7 PRO	1.5 HYBRID 16V	118 KW / 160 HP	07.2022->
CHERY	Tiggo 8 / Tiggo 8 Plus	1.5T 230TCI SQRE4T15C	115 KW / 156 HP	05.2019->
CHERY	Tiggo 8 / Tiggo 8 Plus	1.5T SQRE4T15B	108 KW / 147 HP	04.2018->
CHERY	Tiggo 8 / Tiggo 8 Plus	1.6T 290TGD i SQRF4J16	145 KW / 197 HP	05.2019->
CHERY	Tiggo 8 / Tiggo 8 Plus	2.0T (390TGD i) SQRF4J20	187 KW / 254 HP	07.2021->
CHERY	Tiggo 8 Pro / Pro Max	1.5T (e+ Plug-in Hybrid) SQRE4T15C;112ABD;112ABE	240 KW / 326 HP	01.2022->
CHERY	Tiggo 8 Pro / Pro Max	2.0T 390TGD i SQRF4J20	187 KW / 254 HP	11.2021->
CHERY	X1	1.5L	79 KW / 107 HP	06.2013-12.2013
DAIHATSU	Charmant	1.6 (A45) 2T	55 KW / 75 HP	12.1981-09.1984
DAIHATSU	Charmant	1.6 Altair (A60) 4A	60 KW / 82 HP	05.1986-07.1987
DAIHATSU	Charmant	1.6 LE (A60) 4A	57 KW / 78 HP	09.1985-07.1987
DAIHATSU	Charmant	1.6 LE (A60) 4A	61 KW / 83 HP	08.1983-07.1987
DAIHATSU	Delta	2.5 (DV26/SV26/V20-2) DG		07.1972-10.1986
DAIHATSU	Delta	2.8 Diesel (V59BU) DL	40 KW / 54 HP	10.1986->
FORD	Fiesta (MX)	1.6 Ti HXJA, HXJB	88 KW / 120 HP	04.2010->
FORD	Fiesta VI / Fiesta Mk VII	1.6 HXJA	89 KW / 121 HP	10.2010->
LEXUS	ES	250	118 KW / 160 HP	12.1989-09.1991
LEXUS	ES	3.0 1MZ-FE	140 KW / 190 HP	10.1996-07.2001
LEXUS	ES	3.0L VZV 1MZ-FE	157 KW / 213 HP	08.2001-10.2006
LEXUS	ES	300	138 KW / 188 HP	09.1991-12.1997
LEXUS	GS	300 (JZS147) 2JZ-GE	156 KW / 212 HP	03.1993-11.1997
LEXUS	GS	300 (JZS160) 2JZ-GE	161 KW / 219 HP	10.2000-04.2005
LEXUS	GS	300 3.0		01.1989->
LEXUS	GS	300 4.0		01.1989->
LEXUS	GS	300 T3 (JZS160) 2JZ-GE	163 KW / 222 HP	12.1997-09.2000
LEXUS	GS	400 (JZS160) 1UZ-FE	216 KW / 294 HP	12.1997-11.2000
LEXUS	GS	430 V8 (JZS160) 3UZ-FE	207 KW / 283 HP	11.2000-04.2005
LEXUS	GS	430 V8 (UZS190) 3UZ-FE	208 KW / 283 HP	04.2005-12.2011
LEXUS	GX	470 (UJZ120) 2UZ-FE	175 KW / 238 HP	11.2001-12.2009

LEXUS	GX	470 (UZJ120) 2UZ-FE	199 KW / 270 HP	01.2005-12.2009
LEXUS	IS + IS SportCross	200 1G-FE	114 KW / 155 HP	04.1999-08.2005
LEXUS	IS + IS SportCross	200 Compressor 1GE-FEC	137 KW / 187 HP	07.2000-08.2005
LEXUS	IS + IS SportCross	300 2JZ-GE	157 KW / 214 HP	07.2000-08.2005
LEXUS	LS	400 (UCF10) 1UZ-FE	180 KW / 245 HP	12.1989-11.1994
LEXUS	LS	400 (UCF20) 1UZ-FE	194 KW / 264 HP	12.1994-08.1997
LEXUS	LS	400 (UCF20) 1UZ-FE	203 KW / 276 HP	09.1998-10.2000
LEXUS	LS	400 (UCF20) 1UZ-FE	209 KW / 284 HP	09.1997-07.2000
LEXUS	LS	400 3.0		01.1989->
LEXUS	LS	400 4.0		01.1989->
LEXUS	LS	430 V8 (UCF30) 3UZ-FE	207 KW / 281 HP	12.2000-08.2006
LEXUS	LX	4.5 (450 (FZJ80_)) 1FZ-FE	151 KW / 205 HP	09.1995-10.1997
LEXUS	LX	4.7i V8 (UZJ100) 2UZ-FE	172 KW / 234 HP	01.1998-12.2007
LEXUS	LX	4.7i V8 (UZJ100) 2UZ-FE	197 KW / 268 HP	01.1998-03.2008
LEXUS	LX	4.7i V8 (UZJ100) 2UZ-FE	202 KW / 275 HP	01.2002-12.2007
LEXUS	RX	300 (MCU15) 1MZ-FE	164 KW / 223 HP	01.1998-02.2003
LEXUS	RX	300 3.0 V6 (MCU15) 1MZ-FE VVT-i	148 KW / 201 HP	10.2000-04.2003
LEXUS	RX	300 3.0 V6 (MCU3) 1MZ-FE	150 KW / 204 HP	05.2003-12.2008
LEXUS	RX	330 (MCU338R) 3MZFE	172 KW / 234 HP	04.2003-01.2006
LEXUS	RX	400h (MHU38_) 3MZ-FE	200 KW / 272 HP	09.2005-12.2008
LEXUS	SC	430 V8 (UZZ40) 3UZ-FE	224 KW / 305 HP	01.2001-07.2010
LEXUS	SC	430 V8 (UZZ40) 3UZ-FE	244 KW / 332 HP	01.2001-07.2010
MINI (BMW GROUP)	Mini One I	1.4 Diesel (R50/52) 1ND	55 KW / 75 HP	06.2003-10.2005
MINI (BMW GROUP)	Mini One I	1.4 Diesel (R50/52) 1ND	65 KW / 88 HP	09.2005-07.2006
TOYOTA	4-Runner	2.4 22R	72 KW / 98 HP	08.1983-12.1984
TOYOTA	4-Runner	2.4 22RTEC	101 KW / 137 HP	08.1983-12.1988
TOYOTA	4-Runner	2.4i 22REC	82 KW / 112 HP	08.1987-03.1996
TOYOTA	4-Runner	2.7i 3RZ-FE	112 KW / 152 HP	11.1995-08.2002
TOYOTA	4-Runner	3.0 V6 3VZ-E	105 KW / 143 HP	07.1990-03.1996

TOYOTA	4-Runner	3.4i (N130) 5VZ-FE	136 KW / 185 HP	11.1995-03.1996
TOYOTA	4-Runner	4.0 (_N21_) 1GR-FE	183 KW / 249 HP	08.2002-07.2009
TOYOTA	4-Runner	4.0 (4WD) 1GR-FE	202 KW / 275 HP	01.2010->
TOYOTA	4-Runner	4.0 (GRN280) 1GR-FE	202 KW / 275 HP	01.2009->
TOYOTA	4-Runner	4.0 1GR-FE	174 KW / 237 HP	09.2005-09.2009
TOYOTA	4-Runner	4.7 2UZ-FE	175 KW / 238 HP	08.2002-09.2006
TOYOTA	4-Runner	4.7 2UZ-FE	194 KW / 265 HP	01.2005-12.2009
TOYOTA	Alphard I	3.0 V6 (MNH10W, MNH15W) 1MZ-FE	162 KW / 220 HP	09.2003-03.2008
TOYOTA	Altezza	3.0 (JCE10) 2JZ-GE	162 KW / 220 HP	07.2001-11.2005
TOYOTA	Aristo	4.0 1UZ-FE	173 KW / 235 HP	10.1992-07.1997
TOYOTA	Auris I (E150)	1.4 D-4D 1ND-TV	66 KW / 90 HP	02.2007-12.2018
TOYOTA	Avalon	3.0 (XLS) 1MZ-FE	140 KW / 190 HP	03.2006->
TOYOTA	Camry I (V10)	1.8 TD (V1) 1C-TL	54 KW / 73 HP	10.1984-01.1988
TOYOTA	Camry II (_V2_)	2.5 V6 (VZV21) 2VZ-FE	118 KW / 160 HP	02.1988-05.1991
TOYOTA	Camry III (_CV1_, _XV1_)	2.2 16V (LE / SW LE)	93 KW / 127 HP	01.1993-12.2000
TOYOTA	Camry III (_CV1_, _XV1_)	3.0 (VCV10) 3VZ-FE	138 KW / 188 HP	06.1991-08.1996
TOYOTA	Camry III (_CV1_, _XV1_)	3.0 24V	138 KW / 188 HP	
TOYOTA	Camry IV (_CV2_, _XV2_)	3.0 24V (MCV20.) 1MZ-FE	140 KW / 190 HP	08.1996-12.2001
TOYOTA	Camry IV (_CV2_, _XV2_)	3.0 V6 (MCV20.) 1MZ-FE	135 KW / 184 HP	04.2000-12.2001
TOYOTA	Camry V (MCV3_, ACV3_, XV3_)	2.0 1AZFE	110 KW / 150 HP	05.2002-11.2004
TOYOTA	Camry V (MCV3_, ACV3_, XV3_)	3.0 V6 (XV30) 1MZ-FE	136 KW / 186 HP	11.2001-12.2005
TOYOTA	Camry V (MCV3_, ACV3_, XV3_)	3.0i 24V DOHC (MCV36R) 1MZ-FE	141 KW / 192 HP	09.2002-06.2006
TOYOTA	Camry VI (_XV4_)	3.5 (XV40) 2GR-FE	209 KW / 284 HP	01.2007->
TOYOTA	Carina I	1.6 (TA1) 2T	55 KW / 75 HP	02.1976-03.1978
TOYOTA	Carina I	1.6 (ZA12)	58 KW / 79 HP	05.1973-03.1978
TOYOTA	Carina I	1.6 2TB	63 KW / 86 HP	10.1975-03.1978
TOYOTA	Carina I	1.6 DX, GL (TA60L) 2T	55 KW / 75 HP	02.1982-09.1983
TOYOTA	Carina I	1.6 GL, DX (TA4L) 2T	55 KW / 75 HP	01.1978-01.1982
TOYOTA	Carina I	1.8	57 KW / 78 HP	01.1978-05.1983

TOYOTA	Carina I	1.8 D 1C	48 KW / 65 HP	04.1982-09.1983
TOYOTA	Carina II	1.8 3T	63 KW / 86 HP	01.1982-02.1987
TOYOTA	Carina II	2.0 D DX, GL (T15) 2C-L	50 KW / 68 HP	02.1984-05.1988
TOYOTA	Celica	1.6 GT (TA22) 2T-G	79 KW / 107 HP	12.1974-03.1978
TOYOTA	Celica	1.6 GT (TA23) 2T-G	79 KW / 107 HP	02.1976-03.1978
TOYOTA	Celica	1.6 GT (TA4C)	81 KW / 110 HP	04.1980-02.1982
TOYOTA	Celica	1.6 GT (TA4C) 2T-G	80 KW / 109 HP	04.1978-02.1982
TOYOTA	Celica	1.6 LT (TA2) 2T	55 KW / 75 HP	02.1976-03.1978
TOYOTA	Celica	1.6 LT (TA22)	58 KW / 79 HP	05.1973-03.1978
TOYOTA	Celica	1.6 LT Coupe 2T-B	55 KW / 75 HP	02.1979-07.1983
TOYOTA	Celica	1.6 ST (TA2) 2T-B	63 KW / 86 HP	02.1976-03.1978
TOYOTA	Celica	1.6 ST (TA22) 2T-B	63 KW / 86 HP	05.1973-03.1978
TOYOTA	Celica	1.6 ST (TA60) 2T	66 KW / 90 HP	02.1979-08.1983
TOYOTA	Celica	1.6 ST (TA60) 2T-B	63 KW / 86 HP	02.1982-08.1985
TOYOTA	Celica	1.6 ST 2T-B	63 KW / 86 HP	08.1977-01.1982
TOYOTA	Celica	2	63 KW / 86 HP	10.1975-07.1977
TOYOTA	Celica	2.0 Turbo 4WD Coupe (ST185) 3S-GTE	150 KW / 204 HP	10.1989-01.1994
TOYOTA	Celica	2.0 Turbo 4WD Coupe (ST185) 3S-GTE	153 KW / 208 HP	10.1989-01.1994
TOYOTA	Celica	2.0 XT (RA61) 21R-C	77 KW / 105 HP	02.1982-08.1985
TOYOTA	Celica	2.0 XT,GT Coupe (RA6) 21R	88 KW / 120 HP	01.1982-10.1986
TOYOTA	Celica	2.0 XT,GT Coupe (RA6) 21R-U	77 KW / 105 HP	01.1982-10.1986
TOYOTA	Celica	2.2 16V (GT)		01.1993-12.1995
TOYOTA	Celica	2.8i Supra (MA61) 5M-GE	125 KW / 170 HP	05.1982-10.1986
TOYOTA	Chaser (X7)	2.0 (X7) 1G-EU	97 KW / 132 HP	08.1984-08.1988
TOYOTA	Chaser (X8)	2.0 (GX81) 1G-GE	110 KW / 150 HP	08.1988-10.1992
TOYOTA	Coaster	2.4 (M/T-RB20/26) 22R		04.1982-03.1993
TOYOTA	Commuter	2.0 (T-RZH124B) 1RZ		07.1989-11.1993
TOYOTA	Commuter	2.0 i (Z-RZH124B) 1RZE		09.1993->
TOYOTA	Commuter	2.5 CRD Turbo 16V DOHC (KDH222) (JTFSS22P) 2KDFTV	80 KW / 109 HP	03.2005-10.2006

TOYOTA	Corolla	1.4 D-4D 1ND-TV	66 KW / 90 HP	04.2007-07.2014
TOYOTA	Corolla III (E30/E40/E50/E60)	1.6 (TE51) 2T	54 KW / 73 HP	09.1976-12.1979
TOYOTA	Corolla III (E30/E40/E50/E60)	1.6 (TE51) 2T-B	62 KW / 84 HP	09.1976-12.1979
TOYOTA	Corolla IV (E70)	1.6 (TE71) 2T	54 KW / 73 HP	09.1979-05.1983
TOYOTA	Corolla IV (E70)	1.6 (TE71) 2T	55 KW / 75 HP	09.1979-05.1983
TOYOTA	Corolla IV (E70)	1.6 (TE71) 2T-B	63 KW / 86 HP	09.1979-05.1983
TOYOTA	Corolla IV (E70)	1.6 GT (TE71) 2T-G	81 KW / 110 HP	05.1980-09.1983
TOYOTA	Corolla IV (E70)	1.8 (TE72) 3T-C	55 KW / 78 HP	09.1979-05.1983
TOYOTA	Corolla IV (E70)	1.8 D (TE71) 1C	43 KW / 58 HP	01.1983-09.1983
TOYOTA	Corolla IX (E12/E13)	1.4 D-4D (E12) 1ND-TV	66 KW / 90 HP	09.2004-03.2009
TOYOTA	Corolla V (E80)	1.8 D (CE80) 1C	43 KW / 58 HP	06.1983-05.1988
TOYOTA	Corolla V (E80)	1.8 D (CE80) 1C-L	47 KW / 64 HP	06.1983-08.1987
TOYOTA	Corona	1.5 5A-F	85 KW / 116 HP	
TOYOTA	Cressida	2.0 GL,DL (RX60) 21R-C	77 KW / 105 HP	05.1981-10.1982
TOYOTA	Cressida	2.0 Kombi (X6) 21R	77 KW / 105 HP	02.1981-03.1985
TOYOTA	Cressida	2.0i (GX71) 1G-GE	110 KW / 150 HP	01.1983-11.1988
TOYOTA	Cressida	2.4 2L-T	63 KW / 86 HP	01.1985-10.1988
TOYOTA	Cresta (X100)	2.0 VVTi 24V 1G-FE, 1G-GE	118 KW / 160 HP	10.1996-09.2001
TOYOTA	Cresta (X100)	2.5 VVTi 1JZ-GE	147 KW / 200 HP	10.1996-09.2001
TOYOTA	Crown	2.8 (MS1K) 5M-E	107 KW / 146 HP	09.1980-09.1983
TOYOTA	Crown	2.8 Si (MS112) 5M-E	107 KW / 146 HP	04.1980-07.1983
TOYOTA	Crown	2.8i Super Saloon (S12)	125 KW / 170 HP	02.1984-03.1985
TOYOTA	Crown	3.0 ((JZS133_, JZS147_, JZS149_)) 2JZ-GE	162 KW / 220 HP	
TOYOTA	Dyna	KDY220 2KDFTV		08.2004->
TOYOTA	Dyna	KDY221 1KDFTV		08.2004->
TOYOTA	Dyna	KDY230 2KDFTV		08.2004->
TOYOTA	Dyna	KDY231 1KDFTV		08.2004->
TOYOTA	Dyna	KDY240V 2KDFTV		08.2004->
TOYOTA	Dyna	KDY241V 1KDFTV		08.2004->

TOYOTA	Dyna	KDY270 2KDFTV		08.2004->
TOYOTA	Dyna	KDY271 1KDFTV		08.2004->
TOYOTA	Dyna	KDY280 2KDFTV		08.2004->
TOYOTA	Dyna	KDY281 1KDFTV		08.2004->
TOYOTA	Dyna	KDY290V 2KDFTV		08.2004->
TOYOTA	Dyna	RZU100 3RZFE		05.1995-05.2000
TOYOTA	Dyna	RZU140 3RZFE		05.1995-05.2000
TOYOTA	Dyna	RZU300 3RZFE		05.2000->
TOYOTA	Dyna	RZU340 3RZFE		05.2000->
TOYOTA	Dyna	RZY220 1RZE		07.2001-08.2003
TOYOTA	Dyna	RZY230 1RZE		07.2001-08.2003
TOYOTA	Dyna	RZY231H 3RZFPE		07.2001-08.2007
TOYOTA	Dyna	RZY281H 3RZFPE		07.2001-08.2007
TOYOTA	Dyna	TRY220 1TRFE		08.2003->
TOYOTA	Dyna	TRY230 1TRFE		08.2003->
TOYOTA	Dyna 150	3.0 D 1KD-FTV	100 KW / 136 HP	10.2009->
TOYOTA	Dyna 150	3.0 D 1KD-FTV	80 KW / 109 HP	09.2006->
TOYOTA	Dyna 200	2.2 4Y	69 KW / 94 HP	10.1993-05.1995
TOYOTA	FJ Cruiser	4.0 (GSJ15) 1GR-FE	176 KW / 239 HP	06.2005-10.2009
TOYOTA	Fortuner / Hilux II	2.5 Diesel (GUN156_, 166_) 2KD-FTV	75 KW / 102 HP	03.2016-08.2017
TOYOTA	Fortuner / Hilux II	2.7 (TGN156_, 166_, 168_) 2TR-FE	122 KW / 166 HP	05.2015->
TOYOTA	Fortuner / Hilux II	2.8 Diesel (GUN156_, 166_) 1GD-FTV	130 KW / 177 HP	05.2015->
TOYOTA	Fortuner / Hilux II	4.0 (4WD) 1GR-FE	175 KW / 238 HP	01.2005-05.2015
TOYOTA	Harrier	3.0 1MZ-FE	148 KW / 201 HP	12.1997-12.2001
TOYOTA	Harrier	3.0 1MZ-FE	164 KW / 223 HP	05.1997-02.2003
TOYOTA	Harrier	3.0 4WD 1MZ-FE	164 KW / 223 HP	08.2003-01.2006
TOYOTA	Harrier	3.3 HYBRID (MHU38_) 3MZ-FE	155 KW / 211 HP	04.2005-09.2013
TOYOTA	HiAce	2.0 (H10) 1RZ	74 KW / 101 HP	02.1990-08.1995
TOYOTA	HiAce	2.0 (RZH112) 1RZ	74 KW / 101 HP	08.1989-08.1993

TOYOTA	HiAce	2.4 (H12G) 2R-ZE	85 KW / 115 HP	01.1996-04.1998
TOYOTA	HiAce	2.4i (RZH103) 2RZ-E	88 KW / 120 HP	08.1989-08.1995
TOYOTA	HiAce	2.4i (RZH115) 2RZE Kat.	85 KW / 116 HP	08.1989->
TOYOTA	HiAce	2.5 D-4D (H1/H2) 2KD-FTV	65 KW / 88 HP	10.2001-08.2006
TOYOTA	HiAce	2.5 D-4D (H1/H2) 2KD-FTV	75 KW / 102 HP	10.2001-08.2006
TOYOTA	HiAce	2.5 D-4D 2 KD-FTV, H	70 KW / 95 HP	10.2006-12.2012
TOYOTA	HiAce	2.5 D-4D 2 KD-FTV, H	86 KW / 117 HP	10.2006-12.2012
TOYOTA	HiAce	2.5 D-4D 2KD-FTV	75 KW / 102 HP	08.2004->
TOYOTA	HiAce	2.7 VVTi (TRH201) 2TRFE	111 KW / 151 HP	01.2004->
TOYOTA	HiAce	2.7, 2.7 4WD (H18/29) 3RZ-FE	105 KW / 143 HP	04.1997-12.2006
TOYOTA	HiAce	3.0 DT (H200) 1KD-FTV	100 KW / 136 HP	01.2005->
TOYOTA	HiAce	3.0 DT (KDH200) 1KD-FTV	80 KW / 109 HP	11.2006->
TOYOTA	HIACE VI	2.8 1GD-FTV	120 KW / 163 HP	05.2019->
TOYOTA	Highlander I	3.0 V6 1MZ-FE	164 KW / 223 HP	11.2000-08.2007
TOYOTA	Highlander I	3.3 V6 3MZ-FE	170 KW / 232 HP	08.2003-08.2007
TOYOTA	Highlander I	3.3 V6 Hybrid 3MZ-FE	200 KW / 268 HP	03.2005-08.2007
TOYOTA	HILUX (VIGO)	2.7 ((TGN111_, TGN121_, TGN136_)) 2TR-FE	118 KW / 160 HP	05.2015->
TOYOTA	HILUX (VIGO)	2.7 (4WD (TGN126_)) 2TR-FE	121 KW / 165 HP	05.2015->
TOYOTA	HiLux / Fortuner	2.0 1AZ-FSE	108 KW / 147 HP	02.2005-05.2015
TOYOTA	HiLux / Fortuner	2.0 1TR-FE	98 KW / 133 HP	02.2005-05.2015
TOYOTA	HiLux / Fortuner	2.0 8V SOHC (RZN147) 1RZ-FE	80 KW / 109 HP	11.1997-10.2002
TOYOTA	HiLux / Fortuner	2.4 (RN1, RN5, RN6) 22R	84 KW / 114 HP	06.1989-08.1998
TOYOTA	HiLux / Fortuner	2.4 4WD (RN1, RN5, RN6) 22R	84 KW / 114 HP	06.1989-12.1995
TOYOTA	HiLux / Fortuner	2.4 8V SOHC (RN85) 22R	75 KW / 102 HP	10.1988-11.1997
TOYOTA	HiLux / Fortuner	2.4 D (GUN112_, GUN122_, GUN135_) 2GD-FTV	110 KW / 150 HP	05.2015->
TOYOTA	HiLux / Fortuner	2.4 D (GUN12) 2GD-FTV	110 KW / 150 HP	06.2015->
TOYOTA	HiLux / Fortuner	2.4 i 4WD (RZN1) 2RZ-FE	103 KW / 140 HP	08.1997-07.2005
TOYOTA	HiLux / Fortuner	2.5 16V TB Diesel (CD D4-D 4x2 / 4x4)	75 KW / 102 HP	01.2006->
TOYOTA	HiLux / Fortuner	2.5 16V TB Diesel (CS D4-D 4x2 / 4x4)	75 KW / 102 HP	01.2006->

TOYOTA	HiLux / Fortuner	2.5 D-4D (4WD) 2KD-FTV	75 KW / 102 HP	
TOYOTA	HiLux / Fortuner	2.5 D-4D (KDN1) 2KD-FTV	65 KW / 89 HP	10.2001-07.2005
TOYOTA	HiLux / Fortuner	2.5 D-4D (KDN1) 2KD-FTV	75 KW / 102 HP	10.2001-07.2005
TOYOTA	HiLux / Fortuner	2.5 D-4D (KUN1, KUN2) 2KD-FTV	106 KW / 144 HP	12.2007-05.2015
TOYOTA	HiLux / Fortuner	2.5 D-4D (KUN1, KUN2) 2KD-FTV	75 KW / 102 HP	08.2005-05.2015
TOYOTA	HiLux / Fortuner	2.5 D-4D (KUN1, KUN2) 2KD-FTV	88 KW / 120 HP	08.2005-05.2015
TOYOTA	HiLux / Fortuner	2.5 TB Diesel (Chassi D4-D 4x4)	75 KW / 102 HP	01.2006->
TOYOTA	HiLux / Fortuner	2.5 TD (KUN1,KUN2) D-4D (2KD-FTV)	75 KW / 102 HP	03.2005-05.2015
TOYOTA	HiLux / Fortuner	2.7 (RZN1_) 3RZ-FE	108 KW / 147 HP	01.1998-04.2005
TOYOTA	HiLux / Fortuner	2.7 16V 4x2 Flex (SW4) VVT-I FLEX	120 KW / 163 HP	02.2012-05.2015
TOYOTA	HiLux / Fortuner	2.7 16V Gasolina (DOHC VVT-i - SR) 2TRFE	116 KW / 158 HP	10.2008->
TOYOTA	HiLux / Fortuner	2.7 4WD (TGN16) 2TR-FE	118 KW / 160 HP	03.2005-05.2015
TOYOTA	HiLux / Fortuner	2.8 16V Diesel (D-4D)	130 KW / 177 HP	07.2015->
TOYOTA	HiLux / Fortuner	2.8 D (GUN112_, GUN122_, GUN135_) 1GD-FTV	150 KW / 204 HP	01.2020->
TOYOTA	HiLux / Fortuner	2.8 D (GUN12) 1GD-FTV	130 KW / 177 HP	06.2015->
TOYOTA	HiLux / Fortuner	3.0 24V V6 4x4 (SW4)	125 KW / 170 HP	01.1994-12.2001
TOYOTA	HiLux / Fortuner	3.0 D (4WD (KUN26)) 1KD-FTV	120 KW / 163 HP	03.2005-12.2011
TOYOTA	HiLux / Fortuner	3.0 D (5LE) (LN14/15/16) 5LE	71 KW / 97 HP	12.2000-04.2005
TOYOTA	HiLux / Fortuner	3.0 D (GGN5_, KUN5_, LAN5_, TGN5_) 1KD-FTV	125 KW / 170 HP	08.2009->
TOYOTA	HiLux / Fortuner	3.0 D (KUN15) 1KD-FTV	145 KW / 197 HP	01.2006-12.2012
TOYOTA	HiLux / Fortuner	3.0 D (KUN16) (KUN16) D-4D (1KD-FTV)	126 KW / 171 HP	01.2005->
TOYOTA	HiLux / Fortuner	3.0D-4D (KUN1, KUN2) 1KD-FTV	126 KW / 171 HP	03.2007-09.2015
TOYOTA	HiLux / Fortuner	3.4 24V DOHC (VZN167) 5VZ-FE	124 KW / 169 HP	11.2002-04.2005
TOYOTA	HiLux / Fortuner	3.4 24V V6 4x4 (SW4)	137 KW / 186 HP	01.1997-12.2001
TOYOTA	HiLux / Fortuner	4.0 (GGN165_) (N15, N16) 1GR-FE	175 KW / 238 HP	11.2015->
TOYOTA	HiLux / Fortuner	4.0 4WD (GGN15/25) 1GR-FE	175 KW / 238 HP	03.2005->
TOYOTA	HiLux / Fortuner	4.0 VVTi 4WD (SW4) 1GR-FE	175 KW / 238 HP	03.2009-06.2012
TOYOTA	HILUX / MIGHTY X	2.0 ( TGN15) 1TR-FE	100 KW / 136 HP	02.2005->
TOYOTA	HILUX / MIGHTY X	2.5 D-4D (KDN150, KDN155, KDN190) 2KD-FTV	75 KW / 102 HP	06.1997-03.2006

TOYOTA	HILUX / MIGHTY X	3.4 (4WD(RZN140)) 5VZ-FE	140 KW / 190 HP	01.1995-07.2005
TOYOTA	Hilux VIII / Hilux Revo	2.4 D (GUN112_, GUN122_, GUN135) 2GD-FTV	110 KW / 150 HP	
TOYOTA	Hilux VIII / Hilux Revo	2.4 D (GUN125 / 135) 2GD-FTV	125 KW / 170 HP	10.2018->
TOYOTA	Hilux VIII / Hilux Revo	2.5 D (KUN135) 2KD-FTV	106 KW / 144 HP	05.2015->
TOYOTA	Hilux VIII / Hilux Revo	2.7 (GUN125 / 135) 2TR-FE	122 KW / 166 HP	05.2015->
TOYOTA	Hilux VIII / Hilux Revo	2.8 D (GUN126) 1GD-FTV	130 KW / 177 HP	05.2015->
TOYOTA	Hilux VIII / Hilux Revo	2.8 D 4WD (GUN126) 1GD-FTV	150 KW / 204 HP	06.2020->
TOYOTA	Kijang Innova / Condor (TGN4, KUN4)	2.0 (TGN40) 1TR-FE	100 KW / 136 HP	08.2006->
TOYOTA	Kijang Innova / Condor (TGN4, KUN4)	2.5 D-4D ((_TGN4_, _KUN4_)) 2KD-FTV	65 KW / 88 HP	08.2004->
TOYOTA	Kijang Innova / Condor (TGN4, KUN4)	2.5D (KUN40) 2KD-FTV	75 KW / 102 HP	08.2008->
TOYOTA	Kijang Innova / Condor (TGN4, KUN4)	2.7 VVTi ((_TGN4_, _KUN4_)) 2TR-FE	106 KW / 144 HP	08.2004->
TOYOTA	Kijang Innova / Condor (TGN4, KUN4)	2.8 D (GUN12) 1GD-FTV	130 KW / 177 HP	06.2015->
TOYOTA	Kluger	3.0 24V DOHC VVT (MCU2) 1MZ-FE	164 KW / 223 HP	06.2000-05.2007
TOYOTA	Kluger	3.3 Hybrid 3MZ-FE	200 KW / 272 HP	03.2005-05.2007
TOYOTA	Land Cruiser	2.4 (RJ70/73) 22R	77 KW / 105 HP	01.1984-12.1986
TOYOTA	Land Cruiser	2.4 (RJ70/73) 22R	81 KW / 110 HP	11.1984-12.1989
TOYOTA	Land Cruiser	2.7 (J15 Prado) 2TR-FE	120 KW / 163 HP	08.2009-09.2013
TOYOTA	Land Cruiser	2.7 16V (J9/90/95/Prado) 3RZ-FE	112 KW / 152 HP	10.1996-08.2004
TOYOTA	Land Cruiser	2.8 D-4D (J15) 1GD-FTV	130 KW / 177 HP	06.2015->
TOYOTA	Land Cruiser	2.8 D-4D (J15) 1GD-FTV	147 KW / 200 HP	10.2018->
TOYOTA	Land Cruiser	3.0 D-4D (J12) 1KD-FTV	122 KW / 166 HP	11.2004-02.2010
TOYOTA	Land Cruiser	3.0 D-4D (J12) 1KD-FTV	127 KW / 173 HP	12.2006-02.2010
TOYOTA	Land Cruiser	3.0 D-4D (J12) 1KD-FTV	150 KW / 204 HP	08.2006-07.2009
TOYOTA	Land Cruiser	3.0 D-4D (J15) 1KD-FTV	127 KW / 173 HP	03.2010->
TOYOTA	Land Cruiser	3.0 D-4D (J15) 1KD-FTV	140 KW / 190 HP	01.2010->
TOYOTA	Land Cruiser	3.4i 24V (VZJ90/95) 5VZFE	131 KW / 178 HP	04.1996-08.2002
TOYOTA	Land Cruiser	4.0 V6 (J12) 1GR-FE	183 KW / 249 HP	01.2003-08.2004
TOYOTA	Land Cruiser	4.0 V6 (J12) 1GR-FE	203 KW / 276 HP	08.2005-07.2009
TOYOTA	Land Cruiser	4.2 TD (J20)	150 KW / 204 HP	01.2010->

TOYOTA	Land Cruiser	4.5 I (FZJ105_) 1FZ-FE	173 KW / 235 HP	01.1998-07.2008
TOYOTA	Land Cruiser	4.7 V8 (J20)	175 KW / 238 HP	01.2010->
TOYOTA	Land Cruiser	4.7 V8 (J20)	212 KW / 288 HP	01.2008->
TOYOTA	Land Cruiser	4.7 V8 (UZJ200) 2UZ-FE	232 KW / 315 HP	01.2008->
TOYOTA	Land Cruiser	4.7 V8 32V (UZJ100/LC100) 2UZ-FE	173 KW / 235 HP	01.1998-08.2007
TOYOTA	Land Cruiser	4.7 V8 32V (UZJ100/LC100) 2UZ-FE	175 KW / 238 HP	02.2002-08.2007
TOYOTA	Landcruiser PRADO	2.7i 16V DOHC VVT (J12) 2TR-FE	121 KW / 165 HP	08.2004-08.2009
TOYOTA	Landcruiser PRADO	2.8 16V DOHC VVT (GDJ150) 1GDFTV	130 KW / 177 HP	08.2015->
TOYOTA	Landcruiser PRADO	3.0D 16V DOHC (J15) 1KDFTV	127 KW / 173 HP	11.2009->
TOYOTA	Landcruiser PRADO	4.0 V6 VVT-i (GRJ125) 1GR-FE	207 KW / 282 HP	01.2003-07.2009
TOYOTA	Lite-Ace	1.8 D (CM20) 1C	41 KW / 56 HP	10.1982-09.1985
TOYOTA	Lite-Ace	1.8 D (CM35) 1C	46 KW / 63 HP	09.1985-07.1988
TOYOTA	Mark 2 (X10)	2.0 (X10) 1G-FE	118 KW / 160 HP	10.1996-09.2001
TOYOTA	Mark 2 (X10)	2.5 2MZ-FE	147 KW / 200 HP	08.1996-07.2001
TOYOTA	Mark 2 (X11)	2.0 (X11) 1G-FE	118 KW / 160 HP	10.2000-06.2007
TOYOTA	Mark 2 (X11)	2.5 (X11) 1JZ-FSE	147 KW / 200 HP	10.2002-11.2004
TOYOTA	Mark 2 (X11)	2.5 (X11) 1JZ-GE	144 KW / 196 HP	10.2000-10.2002
TOYOTA	Mark 2 (X11)	2.5 (X11) 1JZ-GTE	206 KW / 280 HP	10.2000-11.2004
TOYOTA	Mark 2 (X90)	2.5 1JZ-GE	132 KW / 179 HP	10.1992-09.1996
TOYOTA	Previa (Estima)	2.4 2AZFE	125 KW / 170 HP	01.2005->
TOYOTA	Previa (Estima)	2.4 2TZ-FZE	118 KW / 160 HP	09.1993-12.1997
TOYOTA	Previa (Estima)	2.4 4WD 2TZ-FE	97 KW / 132 HP	05.1990-08.2000
TOYOTA	Previa (Estima)	2.5 (LX)	01.1992-12.1992	
TOYOTA	Progres	2.5 4WD (JCG15) 1JZ-FSE	147 KW / 200 HP	01.2000-12.2007
TOYOTA	Progres	3.0 (JCG11) 2JZ-GE	158 KW / 215 HP	05.1998-07.2004
TOYOTA	Progres	3.0 4WD (JCG15) 2JZ-FSE	162 KW / 220 HP	10.2004-07.2007
TOYOTA	Sequoia	4.7 (UCK35, 45) 2UZ-FE	175 KW / 238 HP	09.2000-10.2007
TOYOTA	Sequoia	4.7 (UCK35) 2UZ-FE	201 KW / 273 HP	05.2004-10.2007
TOYOTA	Sienna	3.3L (MCL25) 3MZ-FE	169 KW / 230 HP	01.2003-01.2009

TOYOTA	Solara	3.0 1MZ-FE	140 KW / 190 HP	02.2000-11.2002
TOYOTA	Solara	3.3 (V6)	165 KW / 225 HP	01.2004->
TOYOTA	Supra	2.8i 24V (MA61) 5M-GE	125 KW / 170 HP	01.1983-11.1987
TOYOTA	Supra	3.0 (JZA80_) 2JZ-GE	165 KW / 224 HP	05.1993-10.1999
TOYOTA	Supra	3.0 24V (JZA80) 2JZ-GTE	243 KW / 330 HP	05.1993-10.1998
TOYOTA	Supra	3.0 24V (MA70) 7M-GE	150 KW / 204 HP	01.1986-08.1988
TOYOTA	Supra	3.0 Turbo (MA70) 7M-GTE	173 KW / 235 HP	09.1987-04.1993
TOYOTA	Supra	3.0 Turbo (MA70) 7M-GTE	175 KW / 238 HP	08.1988-05.1993
TOYOTA	Supra	Supra	01.1993-12.1995	
TOYOTA	SW4	2.7 16V Flex (SR A/T / SR M/T) 2TR-FE	120 KW / 163 HP	02.2012->
TOYOTA	Tacoma	2.7 (RZN140, RZN169) 3RZ-FE	110 KW / 150 HP	06.1997-03.2006
TOYOTA	Tacoma	2.7 (TRN220_, TRN225_, TRN240_, TRN245_, TRN260) 2TR-FE	118 KW / 160 HP	09.2013->
TOYOTA	Tacoma	3.4 (V6) 5VZ-FE	140 KW / 190 HP	01.1995-12.2004
TOYOTA	Tacoma	4.0 4WD (GRN245) 1GR-FE	175 KW / 238 HP	09.2004-07.2015
TOYOTA	TownAce	1.6 (TR10V) 2TJ		01.1976-12.1982
TOYOTA	TownAce	1.8 (13TU) 13TU		01.1978-12.1982
TOYOTA	ToyoAce	2.0 (RY16) 5R	43 KW / 59 HP	07.1972-02.1979
TOYOTA	TOYOACE	KDY220 2KDFTV		08.2004->
TOYOTA	TOYOACE	KDY221 1KDFTV		08.2004->
TOYOTA	TOYOACE	KDY230 2KDFTV		08.2004->
TOYOTA	TOYOACE	KDY231 1KDFTV		08.2004->
TOYOTA	TOYOACE	KDY240V 2KDFTV		08.2004->
TOYOTA	TOYOACE	KDY241V 1KDFTV		08.2004->
TOYOTA	TOYOACE	KDY270 2KDFTV		08.2004->
TOYOTA	TOYOACE	KDY271 1KDFTV		08.2004->
TOYOTA	TOYOACE	KDY280 2KDFTV		08.2004->
TOYOTA	TOYOACE	KDY281 1KDFTV		08.2004->
TOYOTA	TOYOACE	KDY290V 2KDFTV		08.2004->
TOYOTA	TOYOACE	RZU100 3RZFE		05.1995-05.2000

TOYOTA	TOYOACE	RZU140 3RZFE		05.1995-05.2000
TOYOTA	TOYOACE	RZU300 3RZFE		05.2000->
TOYOTA	TOYOACE	RZU340 3RZFE		05.2000->
TOYOTA	TOYOACE	RZY220 1RZE		07.2001-08.2003
TOYOTA	TOYOACE	RZY230 1RZE		07.2001-08.2003
TOYOTA	TOYOACE	RZY231H 3RZFPE		07.2001-08.2007
TOYOTA	TOYOACE	RZY281H 3RZFPE		07.2001-08.2007
TOYOTA	TOYOACE	TRY220 1TRFE		08.2003->
TOYOTA	TOYOACE	TRY230 1TRFE		08.2003->
TOYOTA	Tundra	4.0 1GR-FE	176 KW / 239 HP	11.2006-12.2011
TOYOTA	Tundra	4.7 2UZ-FE	183 KW / 249 HP	02.1999-10.2006
TOYOTA	Tundra	4.7 2UZ-FE	206 KW / 280 HP	02.1999-11.2006
TOYOTA	Tundra	4.7 2UZ-FE	207 KW / 280 HP	11.2006-03.2009
TOYOTA	Ventury	2.5 D-4D 2KD-FTV	75 KW / 102 HP	08.2004->
TOYOTA	Verossa	2.0 VVTi 1G-FE	118 KW / 160 HP	10.2000-11.2003
TOYOTA	Verossa	2.5 VVTi 1JZ-FSE	147 KW / 200 HP	10.2000-11.2003
TOYOTA	Verossa	2.5 VVTi 1JZ-GTE	206 KW / 280 HP	10.2000-11.2003
TOYOTA	Vienta	3.0 24V DOHC (MCV20) 1MZFE	141 KW / 192 HP	08.1997-10.2000
TOYOTA	Vienta	3.0 24V DOHC (VCV10) 3VZFE	136 KW / 185 HP	10.1995-08.1997
TOYOTA	Windom	2.5 (MCV21) 2MZ-FE	147 KW / 200 HP	10.1996-07.2001
TOYOTA	Windom	3.0 (MCV20) 1MZ-FE	155 KW / 211 HP	10.1996-07.2001
TOYOTA	Windom	3.0 VVTi G (MCV30) 1MZ-FE	158 KW / 215 HP	08.2001-07.2004
TOYOTA	Yaris I / Yaris Verso (P1)	1.4 D-4D 1ND-TV	55 KW / 75 HP	09.2001-09.2005
TOYOTA	Yaris II (XP9)	1.4 D-4D 1ND-TV	66 KW / 90 HP	01.2006-08.2011
VW (VOLKSWAGEN)	Taro	2.4 22R	84 KW / 114 HP	06.1989-04.1997