



Alternators Starters

*Work harder
and
meet at the top!*

Jinzhou Wonder Halla Electrical Equipment Co., Ltd

2023

Jinzhou Halla Electrical Equipment Co., Ltd. is the wholly-owned subsidiaries of Wonder Auto Group Limited. "JHEECO" is the abbreviation for Jinzhou Halla Electrical Equipment Co., Ltd. The headquarter is located in Jinzhou city, Liaoning province. JHEECO is the first self-owned technology, independent brand of automotive electrical products



manufacturers in China. The company was founded in 1996 and it has been committed to innovative technology and development of alternators and starters, making significant contribution to the growth and development of the automobile industry for 26 years.

JHEECO has the most advanced national labs and test center in Chinese automotive industry .JHEECO as one of the famous OE suppliers in China has many high-quality customers such as GMW, Hyundai, KIA, GEELY, BYD, JAC, SAME, JETTA, BMW, Volkswagen, SGMW etc.

Jinzhou Wonder Halla Electrical Equipment Co., Ltd. is the wholly-owned subsidiary of JHEECO, the abbreviation is "JHAEM", which is responsible for the business of alternators and starters in aftermarket. JHAEM possesses advanced assembly lines in China which can produce products with OE quality and can provide cost-effective products to the global automotive aftermarket.



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Alternators



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Alfa Romeo	1
Audi	1
BAIC	1
BMW	1
Bobcat	2
Brilliance	2
Buick	2
BYD	2
Case	2
Caterpillar	3
CHANA	3
Chery	3
Chevrolet	3
Chrysler	3
Citroen	3
Daewoo	3
Daimler	3
DF-Aeolus	4
DF-Forthing	4
DFSK	4
Dodge	4
Eagle	4
FAW	4
Fiat	4
Ford	4
GEELY	5
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GWM	5
GWM-PICKUP	5
Hafei	5
HAIMA	5
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HAWTAI	6
Honda	6
Hyundai	6
Infiniti	7

Isuzu	7
JAC	7
Jaguar	7
Jeep	7
John Deere	7
Kia	7
Kubota	8
Land Rover	8
LEOPAARD	8
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LIFAN	8
LUXGEN	8
LYNK&CO	9
Mazda	9
Mercedes	9
Mercury	9
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Mitsubishi	9
Nissan	10
Peugeot	10
Pontiac	10
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Ram	11
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Suzuki	11
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WEY	13
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Starters



BAIC	15
Brilliance	15
BYD	15
Caterpillar	15
Chery	15
Chevrolet	15
Chrysler	16
Citroen	16
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TANK	18
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Volvo	18
WEY	18
ZOTYE	18
Others	19



Vehicle series



Year of manufacture



engine



Leste NO.



original equipment manufacture NO.



Voltage



Current



Pulley



Power



Gear wheel

Acura							
CL	1997	2.2L	13538	101211-5480	14	90	-
Integra	1990-1991	1.8L	13326	100211-7330	14	65	-
	1996-2001	1.8L	11101	101211-9820	14	90	-
RL	1996-2004	3.5L	13675	101211-7230	14	110	-
	2005-2008	3.5L	11151	31100-RJA-A01	14	130	-
RSX	2002-2004	2.0L	13966	A2TB7591	14	90	-
TL	2005	3.2L	11150	31100-RGL-A01	14	130	-
TSX	2004-2005	2.4L	13980	31100-RAA-A01	14	105	-
	2004-2005	2.4L	11503	104210-3290	14	105	-
	2009-2014	2.4L	11390	06311-R50-505RM	14	130	-
Alfa Romeo							
159	-	2.4L	24086	104210-2780	14	150	-
Audi							
A3	2008-2012	1.8T	23255	06B 903 016 AF	14	140	-
	2010-2013	2.0L	11134	0 124 525 039	14	140	-
	2009-2013	2.0L	23255	0 124 525 009 0 124 525 088	14	140	-
A4	2001-2004	1.9L	11360	0 124 525 128	14	150	-
	2000-2004	2.0L	23115	0 124 515 059 06B 903 016 P	14	120	-
A5	2008-2010	3.2L	11461	TG15C094	14	150	-
A6	1999-2001	2.8L	13932	SG12B011	14	120	-
TT	2011-2015	2.0L	11721	0 124 525 187 0 124 525 542	14	140	-
	2007-2009	3.2L	11463	0 124 525 146	14	140	-
BAIC							
B40	-	2.4L	-	G4BA-3701020A	14	120	-
C53F	-	1.5L	-	K01160110	14	110	-
D20	-	1.5L	-	T00002422	14	120	-
X55	-	1.5L	-	T00002422	14	120	-
LUBA	-	2.7L	-	G4BA-3701020	14	90	-
HYOSOW	-	1.0T	-	37010100-A02-000	14	100	-
HYOSOW H3/S2/S3	-	1.5L	-	37010100-C01-000	14	85	-
HYOSOW H6/H8	-	1.5L	-	37010100-C04-000	14	100	-
HYOSOW C20/S6	-	1.5T	-	37010100-C09-000	14	110	-
HYOSOW C20/H3/S6	-	1.5T	-	37010100-C05-000	14	110	-
	-	2.0T	-	37010100-D02-000	14	110	-
HYOSOW H6	-	1.8L	-	37010100-C03-000	14	100	-
HYOSOW S3/M30S	-	1.8L	-	37010100-C06-000	14	100	-
SENOVA C30/C50	-	1.5L	-	A00028907	14	110	-
SENOVA S50/X55	-	1.5L	-	K00560090	14	110	-
SENOVA C30/C50	-	1.5L	-	M00000735	14	110	-
SENOVA X25/X35	-	1.5L	-	A00028907	14	110	-
	-	1.5L	-	M00000735	14	110	-
WEVAN M20/M40S	-	1.2L	-	A12-3701010	14	90	-
WEVAN M20/X25	-	1.2L	-	A12-3701010	14	90	-
YINXIANG H3/M20	-	1.5L	-	37010100-B02-000	14	85	-
YINXIANG	-	1.0T	-	37010100-A02-000	14	100	-
BMW							
228i	2014-2016	2.0L	14203	104210-6390	14	170	-
	2014-2016	2.0L	14204	104210-6400	14	210	-
316d	2009-2011	2.0L	20888	FG18S052	14	180	-
335i	2012-2015	3.0L	11712	104210-6500	14	210	-
528i	2011	3.0L	11791	104210-6250	14	210	-
-	1998-2000	-	13882	0 124 515 097 0 124 515 050	14	120	-

Mini	2001-2010	-	23297	102211-2220	14	105	-
	2002-2010	-	11049	102211-2230	14	105	-
Mini One	2004-2007	1.6L	11050	SG12S073	14	120	-
Bobcat							
864F	1999	-	12390	TA000A48401	14	90	-
Brilliance							
Valerie N2	-	1.5L	-	4A13-3701020C	14	85	-
Valerie N5	-	1.5L	-	4A13-3701020	14	80	-
Jinbei 750/X30	-	1.5L	-	31100-D15-A000	14	85	-
Jinbei X30	-	2.2L	-	491Q-3701020A	14	65	-
Jinbei Grace	-	2.2L	-	491QM3-3701040	14	120	-
	-	2.7L	-	3095767	14	110	-
Jinbei Guanjing	-	1.5T	-	3006102	14	120	-
	2019	1.6L	-	3017535	14	120	-
Jinbei HIACE	-	1.5L	-	4A13-3701020	14	80	-
	-	2.0L	-	4G20V-3701040	14	105	-
	-	2.2L	-	491Q-3701040	14	90	-
	-	2.2L	-	V22-3701020	14	105	-
	-	2.2L	-	491Q-3701020J	14	130	-
	-	2.2L	-	491QMB-3701040A	14	130	-
-	2.4L	-	2TZ-3701020	14	130	-	
Zhonghua FRV/FSV	-	1.6L	-	1800A211	14	85	-
Zhonghua H230/H330	-	1.5T	-	3002332	14	105	-
	-	1.5T	-	3109189	14	105	-
Zhonghua M82/V7	-	1.6T	-	1000308	14	150	-
Zhonghua Junjie	-	1.5L	-	4A13-3701020	14	80	-
	-	1.5L	-	DAE481Q-E2/4G93D	14	85	-
	-	1.8T	-	3092315	14	120	-
	-	2.0L	-	3095428	14	120	-
	-	2.0L	-	DA4L3701950	14	110	-
Zhonghua V3	2020	1.6L	-	3017535	14	120	-
Zhonghua V3/V5	-	1.5L	-	3004281	14	90	-
	-	1.5L	-	3100829	14	90	-
Zhonghua V5	-	1.5T	-	3002332	14	105	-
	-	1.5T	-	3109189	14	105	-
Zhonghua V6	-	1.5T	-	3006090	14	140	-
	-	1.6T	-	3010036	14	140	-
Zhonghua BS6	-	1.8T	-	3092315	14	120	-
	-	2.4L	-	SMW251043	14	110	-
-	2011-	2.0L	-	3100696	14	95	-
-	-	2.0L	-	SMD317862	14	90	-
Buick							
Enclave	2008	3.6L	11252	104210-6160	14	170	-
LaCrosse	2010	3.0L	11932	FG15S097	14	150	-
BYD							
F0	-	1.0L	-	371QA-3701020	14	75	-
F3	-	1.5L	-	471Q-3701950	14	85	-
	-	1.5L	-	476Q-1L-3701950	14	85	-
F3/L3/Yuan	-	1.5L	-	473QA-3701020	14	90	-
Speed Sharp	-	1.5L	-	473QA-3701020	14	90	-
Qin/Song	-	2.0T	-	487ZQA-3701100	14	150	-
F6/G6/M6/S6	-	2.0T	-	488QA-3701100	14	120	-
F6	-	2.4L	-	SMW250976	14	110	-
-	-	2.0L	-	BYD483QA-3701010	14	90	-
Case							
-	2003-2008	4.5L	12591	0 124 555 005	28	70	-

Caterpillar							
-	-	-	12192	101211-9010	14	90	-
-	-	-	12303	A3T03471	14	65	-
CHANA							
HONOR/RAESOR	-	1.5L	-	DAE481Q-E2/4G93D	14	85	-
-	-	-	-	-	-	-	-
Chery							
-	-	-	23987	-	14	90	-
A3	-	1.3L	-	D4S13-3701010	14	90	-
A5/Eastar Cross/Tiggo	-	1.8L	-	B11-3701110BB	14	90	-
Eastar Cross/G5/G7	-	1.9T	-	B11-3701110CA	14	105	-
Karry/New Cowin	-	1.5L	-	A11-3701110BA	14	90	-
	-	1.5L	-	A15-3701110BA	14	90	-
QQ	-	1.0L	-	465Q-1A2/D-3701950	14	65	-
Tiggo	-	2.0L	-	SMW250309	14	90	-
Chevrolet							
Cobalt	2006-2007	2.2L	11140	104210-4420	14	120	-
Colorado	2007-2012	2.9L	11148	TG12S028	14	125	-
Cruze	2011	1.4L	11399	FG12S031	14	120	-
	2012-2013	1.4L	11654	FG12S048	14	120	-
Equinox	2007-2008	3.4L	11156	104210-2160	14	150	-
	2012	3.0L	11453	FG15S100	14	150	-
L4	1999-2003	2.0L	13781	A5TA4291	14	70	-
matiz	1998-2005	0.8L	21431	AB165104	14	65	-
Metro	1998-2000	1.0L	13336	5T07091A	14	55	-
Prizm	1998-2002	1.8L	13756	101211-9960	14	80	-
Sail	-	1.4L	9070278	TG9S	14	90	-
Silverado	2014	4.3L	14007	104211-8340	14	150	-
Sprint	1989-1991	1.0L	13415	A5T07092	14	60	-
				A5T07092ZC			
				A5TA0792			
				A5TA0792ZC			
Chrysler							
200	2014	3.6L	11570	7B0-903-015CXRMN	14	150	-
300	2011-2018	3.6L	11598	421000-7040	14	180	-
	2014	5.7L	11576	421000-7030	14	220	-
Aspen	2007	4.7L	11240-6G1	421000-0470	14	160	-
Concorde	1998-2001	2.7L	13763	121000-4231	14	120	-
CRUISER	2004-2005	-	13892	A3TB2491	14	120	-
Daytona	1990	2.2L	13353	121000-3430	14	75	-
	1990	2.2L	13245	121000-3380	14	90	-
GRAND VOYAGER	2012	2.8L	20392	104210-6080	14	210	-
Neon	1999-2005	2.0L	13735	A2TB1491	14	80	-
PT Cruiser	2003-2005	2.4L	13995	A2TG0191	14	100	-
Sebring	2001-2005	2.4L	13929	A3TB2291	14	95	-
	2005	2.4L	13868	04606755AA	14	120	-
Town	2001-2006	3.3L	13870	04868430AB	14	160	-
Town & Country	1996-1997	3.3L	13594	121000-4160	14	120	-
	2010	3.3L	11243	421000-0540	14	140	-
VOYAGER	-	2.8L	23830	04868429AC	14	160	-
-	-	-	11040	421000-0150	14	130	-
Citroen							
-	2010	3.0L	23835	0 124 525 064	14	140	-
Daewoo							
Lanos	1999-2002	1.5L	8280	96303556	14	90	-
SPARK	1998-2005	0.8L	21431	-	14	65	4PK
	2005-2015	1.0L	21431	AB165104	14	65	-
Daimler							
-	1997-2003	-	13758	101211-7630	14	120	-

DF-Aeolus							
AX7	2015-2017	1.8T	-	X03004AC-3701071(B)	14	140	-
H30	-	-	-	XY3701010B-465Q2	14	65	-
DF-Forthing							
Fengon 580	-	1.5T	-	3701100E0100	14	90	-
JOYEAR	-	1.5L	-	DAE481Q-E2/4G93D	14	85	-
	-	1.5L	-	MW253599	14	90	-
	-	1.6L	-	1800A211	14	85	-
JOYEAR SX3/SX6	-	1.3T	-	DAED148012	14	100	-
	-	1.5L	-	DAED174788	14	105	-
JOYEAR X5	-	1.6T	-		14	150	-
	-	1.8T	-	X03004AC-3701071(B)	14	140	-
JOYEAR X5/X6/X7	-	1.5L	-	MW253631	14	110	-
M7/JOYEAR SX7	-	1.8T	-	X03004AC-3701071	14	140	7PK
W03	-	1.5L	-	4A13-3701020C	14	85	-
DFSK							
-	-	1.3L	-	01.37000965	14	70	-
-	-	-	-	3701010	14	65	-
Dodge							
2000	1989-1990	2.0L	13249	37300-33010	14	65	-
Colt	1990-1991	2.0L	14436	A2T14792	14	75	-
	1993-1994	2.4L	13451	A2T38391	14	75	-
D100	1988-1989	3.9L	13185	121000-3360	14	90	2PK
Dakota	1997-1998	2.5L	13746	121000-4120	14	120	-
	2003-2004	4.7L	13873	121000-4540	14	136	-
Durango	2004-2006	3.7L	13913	4801252AA	14	160	-
Stealth	1994-1995	3.0L	13351	A4T01493	14	110	-
	1996	3.0L	13598	A3T12391	14	90	-
	1996	3.0L	13597	A3T12291	14	110	-
Eagle							
Summit	1991	1.5L	14473	A3T45794	14	90	-
	1992	1.8L	13450	A2T38892	14	75	-
Talon	1993-1994	1.8L	13197	A2T09691	14	65	-
FAW							
Xenia M80	-	1.3L	-	4A13-3701020M	14	70	-
	-	1.5L	-	4A15L-3701020-D	14	65	-
Xenia R9/Besturn T77	-	1.2T	-	3701010-FJ	14	110	-
Fiat							
Ducato	2000-2002	2.8L	23223	SG12B040	14	120	-
	2006-2010	-	12588	0 124 525 020	14	140	-
-	2006-2011	2.3L	23421	0 124 525 130	14	150	-
Ford							
B-Max	2013-2015	1.4L	24011	TG12C087	14	120	-
C-Max	-	-	20215	104210-2740	14	150	-
	-	-	23821	104210-2710	14	150	-
	-	-	24070	104210-3821	14	150	-
Crown	2009	-	11432	104210-5860	14	155	-
E-350	2003	7.3L	7797	F81U-10300-DB	14	110	-
Escape	2001-2004	3.0L	8259	118U-10300-CD	14	110	-
Escort	1991	1.8L	13350	A2T38892	14	65	-
Excursion	2003	6.0L	8306	3C3T-10300-AA	14	110	-
F-150	2004-2008	4.6L	8318	4L3U-10300-BA	14	110	-
	2005-2008	4.2L	8447	4U2Z-10V346-AARM	14	110	-
F-250	2008-2010	6.4L	11290	104210-6103	14	200	-
Fiesta	2003-2008	1242cc	22169	A5TA7792	14	90	-
	2008	1.3L	20557	TG12C126	14	120	-
Fiesta V	2003-2008	-	22172	A5TA7692	14	70	-
Focus	2000-2001	2.0L	8260	98AB-10300-EB	14	110	-
	2000-2004	2.0L	8261	98AB-10300-FC	14	110	-

Focus	2012-2018	2.0L	11747	FG15S091	14	150	-
Probe	1989	2.2L	13196	A2T05892	14	70	-
	1993-1997	2.5L	13446	A3T08491	14	90	-
	1994-1998	2.0L	21155	A2T33191	14	80	-
Ranger	1999-2006	2.5TD	22638	A2TA6099	14	70	-
	2010-2011	2.3L	11546	A2TG1691	14	100	-
	2010-2011	4.0L	11278	A3TG6491	14	105	-
GEELY							
Bory/Boyue	-	1.8T	-	JL4T18-01654018	14	130	-
Emgrand/SC7/Vision	-	1.5L	-	1016055482	14	100	-
Emgrand EC8	-	1.5L	-	JLY-4G18-01650836	14	100	-
FY11	-	2.0T	-	8890653041 0125 812 038 8888470300	14	215	-
GLEAGLE/SC7/Vision	-	1.5L	-	JLY-4G18-01650836	14	100	-
KC-1	-	2.0L	-	01654709	14	130	-
Panda/Ziyoujian	-	1.0L	-	3G10-03650158	14	90	-
Panda	-	1.0L	-	3G10J-01657937	14	90	-
Vision X3	-	1.3L	-	4A13-3701020H	14	90	-
Vision	-	1.8L	-	LFB479Q-3701100A	14	80	-
Geo							
-	1989-1992	-	13240	100211-8480	14	70	-
Prizm	1993-1997	1.6L	13482	101211-0060	14	70	-
GWM							
-	-	2.2L	-	3701020B-E00 486Q-3701030A	14	65	-
COWRY	-	2.0L	-	SMW250759	14	90	-
C30/C50/M4	-	1.5T	-	3701100-EG01T	14	90	-
C30/FLORID	-	1.5L	-	3701100A-EG01	14	90	-
C50	-	1.5T	-	3701100A-EG01B	14	105	-
	-	1.5T	-	3701100-EG01B	14	105	-
GWPERI/FLORID	-	1.3L	-	3701100-E10	14	80	-
Wingle 5	-	2.2T	-	3701020B-E07	14	90	-
Wingle 6	-	2.4T	-	SMW252828	14	90	-
GWM-PICKUP							
POER	-	2.0T	-	3701100XEC51	14	120	-
	-	2.0T	-	3701100XED95	14	120	-
-	-	2.0T	-	3701100XED66	14	120	-
-	-	2.4L	-	SMW252828	14	90	-
Hafei							
Saima	-	1.5L	-	471Q-3701950	14	85	-
	-	1.5L	-	476Q-1L-3701950	14	85	-
HAIMA							
Family323	-	1.6L	-		14	90	-
	-	1.8L	-	A2TB0191	14	80	-
M3/M6/S5	-	1.5L	-	N03G1028100	14	85	-
M6/S5	-	1.5T	-	N01G1028100	14	100	-
	-	1.5T	-	N01G1028100B1	14	100	-
2	-	1.5L	-	MW252436	14	85	-
HANTENG							
X5/X7	-	1.5T	-	3701020-13	14	90	-
	-	1.5T	-	3701020-13-01	14	110	-
	-	1.5T	-	3701020-13-01	14	130	-
HAVAL							
H1		1.5T	-	3701100A-EG01B	14	105	-
H2/H6	2017	1.5T	-	3701100AEGE2	14	120	-
H5	-	2.0T	-	SMW251442	14	106	-
	-	2.0T	-	3701100-ED01A	14	110	-
	-	2.0T	-	3701100-ED01A-3	14	110	-

H5	-	2.0T	-	3701100XED20	14	110	-
	-	2.4L	-	SMD354804	14	90	-
	-	2.4T	-	SMW252828	14	90	-
H6	XXXX-2015	1.5T	-	3701100-EG01B	14	105	-
	-	1.5T	-	3701100AEG06B	14	120	-
	-	1.5T	-	3701100-XEG71	14	120	-
	-	2.0T	-	3701100-ED01	14	110	-
	-	2.0T	-	SMW252498	14	120	-
H6/H7/H8/H9	-	2.0T	-	3701100AEC02	14	180	-
HAWTAI							
Santa Fe	-	2.0L	-	37004000B01 37001000B01	14	120	-
Honda							
Accord	1993	2.2L	13325	100211-8710	14	80	-
	1994-1997	2.2L	13539	101211-5500	14	80	-
	1998-2002	2.3L	13767	102211-1010	14	80	-
	-	2.0L	20419	104210-5370	14	130	-
	-	2.0L	20493	104210-5370	14	130	-
Civic	1992	1.5L	13509	100211-9770	14	70	-
	-	1.6L	13540	101211-5690	14	90	-
	1999-2000	1.6L	13674	101211-9250	14	80	-
	2011	1.8L	11175	A2TC1591	14	80	-
CR-V	1997-1998	2.0L	13743	101211-9810	14	95	-
	1999-2001	2.0L	13847	102211-1260	14	95	-
Fit	2007-2008	1.5L	11177	A5TB1391	14	80	-
Pilot	2012-2015	3.5L	11573	104210-1240	14	130	-
Prelude	1999-2001	2.2L	13722	101211-9740	14	90	-
-	-	-	11391	104210-5920	14	130	-
-	-	-	11392	104210-5910	14	130	-
-	-	-	21778	A5TA1091	14	70	-
Hyundai							
Accent	1995-2000	-	13702	AB190058	14	90	-
	2000-2002	1.5L	13839	AB180128	14	90	-
	2000-2002	1.5L	13973	AB190147	14	90	-
	2003	1.5L	11011	2655023	14	90	-
	2005	1.5L	20796	37300-2A100	14	120	-
	2012-2014	1.6L	13209	37300-2B300 TG9S	14	90	-
	2008-2009	1.6L	13973	37300-23600	14	90	-
Amica	2000-2003	-	23039	37300-02503	14	60	-
	2000-2003	-	23039	37300-02503	14	60	4PK
Azera	2007-2010	3.3L	11191	02131-9153	14	130	-
	2006-2007	3.8L	11192	02131-9280	14	130	-
Coupe	2002-2009	1.6L	13839	AB180128	14	90	-
Elantra	2007-2012	2.0L	11311	2655635	14	90	-
H-1	2008-2017	2.5L	20957	37300-4A320	14	120	-
i20	2010-2016	1.4L	20655	37300-2A800	14	130	-
	2013-2016	1.4L	20651	37300-2B700	14	90	-
ix35	2010-2016	2.0L	11492	37300-25600	14	110	-
	2010-2016	2.0L	20338	FG15S034	14	150	-
	2010-2015	2.0 CDRi	20133	104210-1060 37300 - 2F200	14	150	-
Santa	2001-2002	2.4L	11001	AB195141	14	95	-
	2001-2002	2.7L	23982	AB1950133	14	95	-
Santa Fe	2007-2009	2.7L	11190	02131-9271	14	130	-
	2013-2014	2.4L	11710	FG15S110	14	150	-
Scoupe	1993-1994	1.5L	13701	37300-22023	14	75	-
Sonata	1999-2003	2.4L	13783	AB195125	14	95	-

Sonata	2006-2010	2.4L	11189	TG11C076	14	110	-						
	2006-2008	2.4L	11202	37300-25301	14	110	-						
	2014	2.4L	11606	FG15S059	14	130	-						
	1999	2.5L	13782	439344	14	110	-						
	2003	2.7L	11015	TG11C024	14	110	-						
	2004	2.7L	11020	2655516	14	110	-						
	1999	2.5L	13782	AB195116	14	95	-						
Tucson	2005-2009	2.0L	11001	37300-38700	14	100	-						
	2005-2009	2.0L	13783	37300-38310	14	100	-						
	2014-2015	2.4L	11702	FG15S	14	150	-						
XG300	2001	3.0L	13887	AB112112 37300-39010	14	120	-						
Infiniti													
G20	1991-1993	2.0L	13549	AL2352X ... 23100-64J15 203-376 1-1427-01MI	14	80	-						
				1994-1996				2.0L	13723	A2T82491	14	80	-
				1999-2002				2.0L	13784	A2TB3891	14	80	-
G35	2003-2004	3.5L	11051	A3TB4291	14	110	-						
	2003-2006	3.5L	11052	A3TG0191	14	110	-						
J30	1993-1996	3.0L	13478	A1829 ... 23100-0P515 203-429	14	90	-						
Isuzu													
Trooper	1992-1995	3.2L	13521	100211-9730	14	75	-						
JAC													
Refine S1	-	1.3L	-	1025100GG010	14	85	-						
Refine S2	-	1.5L	-	1025100GH010	14	90	-						
Refine S2	-	1.5L	-	1025100GH012	14	90	-						
Refine S3	-	1.5L	-	1025100GH055-F001	14	110	-						
Refine M3	-	1.6L	-	1025100GK030	14	110	-						
Refine	-	2.4L	-	MW253631	14	110	-						
Jaguar													
S-Type	2000-2004	3.0L	13908	101211-7892	14	120	-						
Vanden Plas	1993-1997	4.0L	13524	100211-6310	14	120	-						
X-Type	2002-2005	2.5L	13926	102211-0870	14	120	-						
Jeep													
Commander	2006	5.7L	11155	56044380AC	14	160	-						
	2007-2008	5.7L	11241	56044380	14	150	-						
Grand Cherokee	2014-2018	3.0L	20402	104210-6590	14	220	-						
Liberty	2002-2005	2.4L	13961	121000-4520	14	136	-						
	2005-2006	2.8L	11114	56044672AA	14	150	-						
TJ	1999-2000	2.5L	13834	121000-3610	14	81	-						
John Deer													
4055 6 Cyl.	1989-1992	7.67L	12066	100211-6030	14	120	-						
7210 6	1996-2001	6.78L	12194	101211-7130	14	140	-						
4700 4 Cyl.	1999-2000	2.19L	12195	100211-6420	14	140	-						
-	2004-2009	2.44L	12660	021080-0140	14	150	-						
Kia													
Carens	2000-2004	1.8L	23314	AB190110	14	90	-						
Magentis	2001-2004	-	23982	37300-37200	14	95	-						
Mentor	1994-2003	-	13559	A2T39391	14	73	-						
	1994-2003	-	13614	A2T80391	14	73	-						
Pride	1995-2000	-	22751	AB150021	14	65	-						
Rio	2001-2002	1.5L	13948	AB180140	14	80	-						
Sephia	1994-1995	1.6L	13523	A2T33991	14	70	-						

Sephia	1996-1997	1.6L	13731	OK24A-18-300A	14	80	-
	1997	1.8L	13718	A2TB0091	14	70	-
	1995	1.8L	13730	OK24A-18-300A	14	70	-
	1998-2001	1.8L	13785	AB170094	14	70	-
	1999-2001	1.8L	13863	OK241-18-300	14	80	-
Soul	2010	1.6L	11471	37300-2B101 TG9S	14	90	-
	2012-2013	1.6L	11608	37300-2B150	14	90	-
Sportage	1995-2002	2.0L	13646	AB170035	14	70	-
	2011-2013	2.0L	11607	FG15S	14	130	-
Kubota							
M110DT	1999-2004	110HP	12430	A5TA7899	14	80	-
Land Rover							
Discovery III	-	2.7L	24028	104210-3710	14	150	-
Discovery IV	2009-2016	3.0L	20491	104210-2420	14	150	-
Freelander	2002-2005	2.5L	11031	102211-0800	14	115	-
LR3	2005-2008	4.0L	11205	104210-3700	14	150	-
Range Rover SPORT	2006-2013	3.6L	20358	104210-4010	14	150	-
LEOPAARD							
CS9	-	1.5L	-	MW253545	14	110	-
CS9/CS10	-	1.5L	-	CF4915-3701020	14	85	-
	-	1.5L	-	5407502910001	14	90	-
	-	1.5T	-	CF4G15T-3701020	14	110	-
	-	2.0L	-	SMW250759	14	90	-
	CS10	-	2.0T	-	SMW253622	14	120
Mattu	-	1.6T	-	1000308	14	150	-
Q6	-	2.4L	-	2TZ-3701020A	14	90	-
-	-	-	-	SMD354802	14	75	-
-	-	-	-	DAMD343562	14	90	-
-	-	1.5L	-	DAE481Q-E2/4G93D	14	85	-
-	-	3.0L	-	A3TA0791	14	100	-
Lexus							
ES350	2011-2016	3.5L	11137	104210-2100	14	130	-
	2016	3.5L	11326	104210-5510	14	150	-
GS300	2001-2005	3.0L	13791	102211-0730	14	100	-
	2006	3.0L	11196	104210-2050	14	150	-
GS350	2013-2015	3.5L	14072	104211-8092	14	150	-
GS400	1998-2000	4.0L	13715	101211-7300,	14	100	-
GS430	2006-2007	4.3L	11197	104210-4000	14	130	-
GX470	2003-2007	4.7L	13983	104210-3440	14	130	-
LS400	1993-1994	4.0L	13553	100211-6390	14	100	-
	1995	4.0L	13669	101211-9150	14	80	-
LX470	1998-1999	4.7L	13796	102211-1370	14	80	-
LX570	2008-2011	5.7L	11405	104210-6140	14	180	-
RX300	2001-2003	3.0L	13905	104210-3120	14	130	-
RX330	2004-2006	3.3L	11032	104210-3650	14	130	-
	2004-2006	3.3L	11033	104210-3620	14	100	-
RX350	2007-2009	3.5L	11136	104210-2070	14	100	-
SC300	1995	3.0L	13547	101211-7020	14	100	-
SC400	1992-1994	4.0L	13389	100211-6410	14	100	-
LIFAN							
320/520/620	-	1.0L	-	LF465Q5A-3701100A	14	70	-
520	-	1.3L	-	LF479Q1-3701100A	14	75	-
	-	1.3L	-	LF479Q5-3701100A	14	70	-
620	-	1.6L	-	LF481Q1-3701100A	14	90	-
LUXGEN							
U6	-	2.2T	-	23100SE340	14	120	-
GPK/Luxury 7/U6	-	1.8T	-	23100SE371	14	140	-

LYNK&CO							
5	-	2.0T	-	8890653041 0125 812 038 8888470300	14	215	-
Mazda							
2	2011-2014	1.5L	11578	A2TG1391ZC	14	90	-
3	2003-2009	1.6L	23875	A2TC0091	14	80	-
	2004-2006	2.0L	11008	A3TG1391	14	90	-
	2009	2.0L	11174	A3TG4791	14	90	-
	2007-2012	-	23945	A3TB6581	14	90	-
5	2005-2010	2.0L	11836	A3TB6781	14	100	-
6	2003-2005	2.3L	11005	A3TG0091	14	90	-
	2003-2005	2.3L	13996	A3TG0081	14	100	-
	2002-2010	-	23309	A3TB4981	14	90	-
	2010	2.5L	11168	A002TJ0391	14	100	-
323	1988-1989	1.6L	14905	A2T05772	14	60	-
	1999-2003	-	22634	A002TB1298	14	80	-
626	2000-2002	2.0L	13445	A2TB5891ZC	14	84	-
929	1990-1991	3.0L	13282	A2T13977	14	70	-
Millenia	1997-2002	2.5L	13759	101211-7240	14	90	-
MPV	2000-2001	2.5L	13883	A3TB1081	14	90	-
Proceed G5	1997	-	22482	A5T02677	14	60	-
Protege	1995	1.8L	13650	A2T39291	14	80	-
	2002-2003	1.6L	13719	A2TB0191	14	80	-
Revue B3	1997	-	13574	A5T03391A	14	60	-
RX-7	1989-1991	1.3L	13337	A2T17574	14	80	-
	1993-1995	1.3L	13460	A3T08591	14	100	-
RX-8	2004-2008	1.3L	11025	A3TG1291A	14	100	-
	2009-2010	1.3L	11329	A3TG5691	14	110	-
-	2005-2009	2.5	11215	0 124 525 054	14	150	-
Mercedes							
-	2005-2009	2.5	11215	0 124 525 054	14	150	-
-	-	-	-	0 124 515 190	14	120	-
C160	2005-2008	1.8	13954	0 124 515 088	14	120	-
C220	2013-2014	2.2L	21231	TG15C181	14	150	-
G65	2012-2018	-	20990	FG18S044	14	180	-
GLK280	2008-2009	3.0L	14051	0 124 525 171	14	150	-
GLK350	2009-2015	2.5/3.0/3.5	14051	0009061202	14	150	-
Mercury							
Cougar	2001-2002	2.5L	8254	XS71-10300-FB	14	110	-
Villager	1999-2002	3.3L	13821	A3TA5691	14	125	-
MG							
EXPRESS	2003-2005	-	21467	YLE102420	14	85	-
Mitsubishi							
-	-	-	22753	A3T10691	14	90	-
3000GT	1993-1995	3.0L	13703	A4T01493	14	110	-
Carisma	1997-2004	-	11014	37300-38400	14	110	-
Diamante	1992-1993	3.0L	13435	A4T01893	14	90	-
Eclipse	2000-2005	2.4L	13840	A2TA5393	14	90	-
	2007-2010	2.4L	11095	A3TG2192AC	14	110	-
FUSO	-	-	20906	0124525216	14	140	-
Galant	1994-1995	2.4L	13616	A2T80591	14	90	-
	1997-1998	2.4L	13585	A2T82791	14	90	-
				... MD327535 MD354787			
	2000-2003	2.4L	13898	A2TB5791	14	85	-
	1996-2000	2.5L	22660	A3TA4691	14	100	-
1999	3.0L	13886	A3TA7691	14	85	-	

L200	1996-2001	2.0L	12646	A3TA0991	14	75	-
	2005-2015	-	11415	A5TG0491ZT	14	90	-
	-	-	-	A5TG0791ZT	14	90	-
L300	1994-1998	2.0L	12645	A5TA0191	14	55	-
Lancer	2004	2.0L	13787	A2TA5391	14	90	-
	2003-2018	2.0L	21189	A3TG2991A	14	110	-
	2008-2010	2.0L	11377	A3TG3181	14	120	-
Mirage	1997-1999	1.5L	13750	A2TA5192	14	80	-
	1997	1.8L	13751	A2TA4991	14	85	-
Montero	1994	3.5L	13615	A3T14491	14	90	-
	1995-1996	3.0L	13692	A3TA0791	14	90	-
	1998-2000	3.5L	13786	A3TA1191	14	90	-
	2001-2002	3.5L	13949	A3TB2891	14	100	-
	2004-2005	3.8L	11056	A3TG2291	14	110	-
Montero Sport	1997-1999	2.4L	13717	A5TA0391	14	70	-
Outlander	2004-2006	2.4L	11055	A3TG1192	14	110	-
	2007	3.0L	11317	A3TG4491	14	120	-
Pajero	1994-2000	2.8L	12626	A3T09198	14	90	-
	1994-2000	2.8L	12636	A3T08699	14	75	-
	1997	2.4L	12647	A3TA0491	14	90	-
	2000-2005	3.5L	23990	A3TA7291	14	125	-
	2000-2010	-	23306	A3TA4298	14	125	-
	2007-2012	3.2L	23956	A3TG4679	14	120	-
Pajero 4M41 engine	2010	-	20382	A2TX1279	14	150	-
Triton	2005	4D56	20160	A3TG3391ZT	14	110	-
	2004	4M40	20073	A5TG0379	14	85	-
	2004	-	20073	70037	14	90	-
Van	1987-1990	2.4L	13238	A3T04493	14	80	-
Nissan							
-	-	-	20066	A5TA7981	14	80	-
-	-	-	20405	A5TA5271	14	70	-
Almera	1995-2002	1.5L	21450	A3TB0091	14	135	-
	2000-2010	-	21500	231005M310	14	90	-
	2000-2010	-	21501	LR1100-724	14	100	-
Altima	2007-2009	2.5L	11258	TG12S217	14	110	-
Axxess	1991-1992	2.4L	13286	A2T18792	14	80	-
D22	2001-2010	-	23308	A3TB5099	14	90	-
Frontier	2006	-	20370	A2TG1081	14	100	-
INTERSTAR Box	2006-2011	2.5	23367	0 124 525 044	14	150	-
Nissan	2010	1.5	23884	0 124 525 082	14	150	-
Pathfinder	2005-2010	-	23917	A3TG2681	14	130	-
Patrol	1995-1997	-	22665	A003TA2799	14	80	-
	1997-2000	-	23075	A003TA4399	14	100	-
Pixo	2011-2017	1.0L	23955	A5TG0291	14	80	-
Primera	2003-2010	2.2L	12560	A3TA6581	14	110	-
Sentra	2011-2012	2.0L	11413	A2TG1581AC	14	100	-
Succe	-	1.5L	-	4A13-3701020B	14	110	-
Peugeot							
206	1998-2005	-	21493	A13VI242	14	90	-
	1998-2005	-	TG9B064	TG9B064	14	90	-
207	2006-2015	1.4L	20574	A5TG0192	14	80	-
307	2008	2.0L	11182	SG12S051	14	120	-
Citroen	-	-	20336	A5TG0891	14	90	-
Pontiac							
Vibe	2003-2006	1.8L	13879	102211-2000	14	80	-
	2009-2010	1.8L	11385	104210-2801	14	100	-
Proton							
-	-	-	-	-	14	80	-

Ram							
2500	2013	6.7L	11583	4801311AE	14	160	-
Rover							
75 MGZT MGZT-T	1999-2006	1.8L	21510	YLE102280	14	105	-
Saab							
9-2X	2005	2.0L	13890	A2TB6291	14	75	-
	2005	2.5L	13889	A2TB2891	14	90	-
9-5 3000	2001-2007	-	23897	0124525019	14	140	-
-	2001-2007	3.0L	23897	0 124 525 019	14	140	-
Santafe							
-	1996	3.5T	CW748639	CW748639	14	90	-
Scania							
series G 230	2007	8.9L	21342	0 124 555 034	28	80	-
Scion							
tC	2011-2012	2.5L	11402	104210-2270	14	100	-
xA	2004-2006	1.5L	13857	102211-1960	14	90	-
xB	2004-2006	1.5L	11085	102211-1950	14	80	-
	2008-2015	2.4L	11195	104210-4810	14	100	-
Smart							
Fortwo	2008-2016	1.0L	11565	A5TG0991	14	90	-
Soueast							
Delica	-	-	-	SMD354802	14	75	-
DX3	-	1.5L	-	MW253794	14	92	-
DX3/DX7	-	-	-	MW258899	14	130	-
DX3/DX7/SX5	-	-	-	MW258898	14	130	-
DX7	-	1.5L	-	MW252775	14	110	-
	-	2.0T	-	SMW253358	14	120	-
	-	2.4L	-	SMW350368	14	110	-
Lioncel	-	1.5L	-	471Q-3701950	14	85	-
	-	1.5L	-	476Q-1L-3701950	14	85	-
	-	2.0L	-	DA4L3701950	14	110	-
Soveran	-	2.4L	-	SMD358421	14	100	-
V3/V5	-	1.5L	-	MW252758	14	90	-
V3	-	1.6L	-	1800A211	14	85	-
Subaru							
Forester	1997-2002	2.5L	11058	A2TG0391	14	90	-
	2006-2010	2.5L	11226	A3TG0491	14	110	-
	2000-2002	-	13479	A2T39091	14	75	-
	1999-2002	2.5L	13820	A2TB2991	14	75	-
Legacy	2006-2009	2.5L	11024	A3TG2391	14	110	-
	2008-2009	3.0L	11225	A3TG0591	14	100	-
	2013-2014	2.5L	11556	A3TG6781	14	110	-
Suzuki							
-	1996-2002	-	13680	102211-5150	14	70	-
-	1996-2002	-	13680-4G	13680B 4G55	14	70	-
Esteem	1995-1996	1.6L	13679	101211-0720	14	70	-
Grand Vitara II	-	1.9L	24020	104210-4660	14	140	-
Grand Voyager	2001-2004	2.5L	13795	102211-2430	14	80	-
SX4	2007-2009	2.0L	11253	A5TG1191	14	80	-
	2012-2013	2.0L	11564	A5TG1881	14	75	-
Toyota							
-	-	-	11138	27060-0P030-84	14	100	-
-	-	-	11198	27060-50360	14	110	-
-	1992-1993	-	13407	101211-5360	14	80	-
-	1996	2.2L	13578	121000-3510	14	90	-
-	-	-	13963	27060-28130	14	130	-
-	-	-	13992	27060-50280	14	130	-

-	-	-	13984	27060-0P020 104210-4200	14	130	-
-	-	-	21418	27060-28330	14	100	-
-	1996	2.2L	22590	101211-5010	14	80	-
-	1996	2.2L	22591	101211-5010	14	80	-
-	-	-	23352	101211-7871	14	120	-
-	-	-	23996	27060-28340	14	150	-
Land Cruiser	1998-2002	4.2	23352-81	101211-7870	14	120	-
4Runner	1993-1995	3.0L	13496	101211-0130	14	60	-
	1996-1997	2.7L	13673	101211-4120	14	70	-
	2010-2016	4.0L	11514	104210-2860	14	130	-
Auris	-	1.4L	20538	104210-2320	14	100	-
Avenis	-	2.0L	23298	104210-3050	14	130	-
	-	2.0L	23316	102211-2760	14	100	-
	2006	2.0L	23947	104210-4520	14	130	-
Camry	1992	2.2L	13397	100211-9780	14	70	-
	1993-1996	2.2L	13499	101211-0070	14	70	-
	1995-1996	2.2L	13557	101211-5540	14	80	-
	1997-2001	2.2L	13754	101211-9510	14	80	-
	2002-2003	2.4L	13958	102211-2480	14	80	-
Celica	2002-2003	3.0L	13956	101211-7450	14	100	-
	1994-1997	1.8L	13551	101211-5240	14	70	-
	1994-1999	2.2L	13556	101211-5090	14	80	-
Corolla	2000-2005	1.8L	13878	102211-1910	14	80	-
Corolla	2011-2013	1.8L	11577	104210-1461	14	110	-
Cressida	1989-1992	3.0L	13278	100211-8010	14	80	-
Hi-Ace	2001	-	11571	104210-9010	14	85	-
	2001-2010	-	23558	102211-5600	14	70	-
	2001-2012	2.5L	23313	102211-2310	14	85	-
Highlander	2001-2003	3.0L	13927	104210-3040	14	130	-
	2010-2014	2.7L	11400	104210-2610	14	100	-
L4	1984-1985	2.0L	14679	100211-1050	14	60	-
Land	1996-1999	-	23052	101211-0480	14	80	-
	1996-1999	-	23053	101211-0480	14	80	-
Land Cruiser	-	3.0L	24056	104210-3410	14	100	-
MR2	-	2.0L	13385	100211-8380	14	80	-
	1985-1987	1.6L	14683	100211-2070	14	70	-
	1993-1995	2.0L	13502	101211-7060	14	90	-
Paseo	1996-1999	1.5L	13659	101211-0740	14	70	-
Previa	1991	2.4L	13276	100211-7860 ... 27060-76020 27060-76030	14	70	-
	2006	2.2L	20226	104210-1880	14	130	-
RAV4	2008	2.2L	20890	104210-2370	14	150	-
	2004-2005	2.4L	11088	104210-3780	14	100	-
	2006-2008	3.5L	11323	104210-2090	14	130	-
	2010-2012	4.6L	11351	104210-5080	14	130	-
Sequoia	2010-2012	4.6L	11352	104210-5090	14	150	-
	2003-2007	4.7L	13994	104210-3380	14	130	-
Sienna	1998-1999	3.0L	13806	101211-7670	14	100	-
Solara	2002-2003	3.0L	13747	101211-2690	14	80	-
Supra	1993-1995	3.0L	13546	101211-5560	14	90	-
	1996-1998	3.0L	13552	101211-9350	14	80	-
T100 L4 2694cc	1994-1996	2.7L	13512	101211-0530	14	60	-
Tacoma	2005-2015	4.0L	11139	124325123	14	130	-
Tundra	2010-2016	4.6L	11350	104210-5100	14	100	-
Venza	2009-2015	2.7L	11403	104210-2350	14	130	-
Yaris	1999-2003	-	21472	102211-1680	14	90	-

Volkswagen							
CC	2012-2013	3.6L	11817	TG14C044	14	140	-
Volvo							
S40	2006	2.4L	11054	104210-3560	14	150	-
B12B DH12	2001-2012	12.0L	12599	0 124 555 009	28	80	-
-	-	2.0T	-	8890653041 0125 812 038 8888470300	14	215	-
WEY							
W7	-	2.0T	-	3701100AEC02	14	180	-
WULING							
CN100V	-	1.5L	-	23891172	14	90	-
Glory N300	-	1.5L	-	24528036	14	90	-
CN100/CN112	-	1.5L	-	24538024	14	90	-
Yanmar							
6LP-DTE	-	-	12355	101211-9940	14	80	-
-	-	-	12355-76	101211-9940	14	80	-
ZOTYE							
B12/Z300/Z500	-	1.5L	-	MW253055	14	90	-
SR7	-	1.5T	-	MW258378	14	130	-
SR9	-	2.0T	-	SMW253561	14	150	-
	-	2.0T	-	SMW253649	14	150	-
	-	2.0T	-	SMW253976	14	150	-
T300/Z500	-	1.5T	-	3701020-13	14	85	-
T500/T700	-	1.6T	-	3701020-22	14	160	-
T600/Z700	-	1.8L/1.8T	-	4G20T-3701110	14	140	-
Z200/Z200HB/Z300	-	1.5L	-	3701020-04	14	85	-
T600	-	2.0T	-	SMW253000	14	90	-
	-	2.0T	-	SMW253212	14	120	-
Others							
-	-	-	11194	104210-8110	14	80	-
-	-	-	11199	102211-0981	14	120	-
-	-	-	11274	A3TG5591	14	120	-
-	-	-	11551	A2TX2581	14	150	-
-	-	-	11683	A2TX3381	14	130	-
-	-	-	11869	A2TX5081A	14	130	-
-	-	-	13226	A2TX0881A	14	130	-
-	-	-	13322	100211-7050	14	70	-
-	-	-	20139	104210-6120	14	150	-
-	-	-	20164	A5TG0881	14	80	-
-	-	-	20374	A2TX0691	14	130	-
-	-	-	20381	A2TX0781	14	150	-
-	-	-	20381	A2TX0781	14	150	-
-	-	-	20383	A2TX2181	14	150	-
-	-	-	20383	A2TX2181	14	150	-
-	-	-	20393	104210-6080	14	180	-
-	-	-	20591	A2TX2781	14	150	-
-	-	-	20847	A2TX2881	14	150	-
-	-	-	20882	A5TA5977	14	80	-
-	-	-	20883	A2TX1081A	14	130	-
-	-	-	20891	A2TX3081	14	150	-
-	-	-	20906	0 124 525 216	14	140	-
-	-	-	20992	A5TA5077	14	75	-
-	-	-	21339	A002TX1781	14	150	-
-	-	-	21450	A2TB3191	14	80	-
-	-	-	22613	101211-9280	14	80	-
-	-	-	23544	A5TB0091	14	80	-
-	-	-	23775	0 124 525 059	14	150	-
-	-	-	24153	02131-9340 37300-4A310	14	110	-

-	-	-	24252	A2TX0481	14	150	-
-	-	-	-	104210-2750	14	150	-
-	-	-	-	A2TX1181	14	150	-
-	-	-	-	A2TX4381Z	14	150	-
-	-	-	-	A2TX1991ZT	14	150	-
-	-	-	13487(C)	-	14	90	-
-	-	-	13499(C)	-	14	90	-
-	-	-	13786(C)	A3TA0791	14	90	-
-	-	-	13787-4G	AL4032X M317862D ... 203-5037 1-2204-01MI	14	90	-
-	-	-	13787-5G	AL4032X M317862D ... 203-5037 1-2204-01MI	14	90	-
-	-	-	14436(C)	A2T09493	14	100	-
-	-	-	-	23100NE710	14	100	-
-	-	-	-	23100SE331	14	125	-
-	-	-	-	23100SE340	14	115	-
-	-	-	-	23100SE370	14	140	-
-	-	-	23308(C)	A3TB5099	14	90	-
-	-	-	-	SMW250722	14	110	-

BAIC							
BJ40	-	2.0T	-	YK200-3708100	12	0.9	-
	-	2.0T	-	3708100XEC62	12	1.4	-
	2021.03-	2.0T	-	PP10005789	12	2.0	-
	-	2.0T	-	YG200-3708100B	12	2.2	-
BJ80	2020-	3.0T	-	6G30T-BY03A-18400	12	0.9	-
LUBA	-	2.4L	-	G4BA-3708010B G4BA-3708010B	12	1.3	-
Changhe Q25/Q35	-	1.5L	-	CF4G15T-3708020	12	1.5	-
HYOSOW S2/S3	-	1.5L	-	37080100-C01-000	12	1.4	-
HYOSOW H2/H3F	-	1.5L	-	37080100-C01-000	12	1.4	-
SENOVA X25/X35/X55	-	1.5L	-	CF4G15T-3708020	12	1.5	-
SENOVA X25/X35	-	1.5L	-	M00000687	12	1.4	-
SENOVA X55/C40D	-	1.5L	-	M00000687	12	1.4	-
YINXIANG H2/M20	-	1.5L	-	37080100-B02-000	12	1.2	-
Brilliance							
Jinbei Grace	-	-	-	3708010-X2	12	2.5	-
	-	2.4L	-	4G24-3708020A	12	1.4	-
	-	2.4L	-	4G24-3708020B	12	1.4	-
	-	2.4L	-	4G24-3708020F	12	1.4	-
Jinbei Grace/HIACE	-	2.4L	-	4G24-3708020D	12	1.4	-
	-	2.4L	-	4G24-3708020E	12	1.4	-
Jinbei HIACE	-	2.0T	-	1015201GD196 1015201GD190	12	1.2	-
	-	2.2L	-	3708010A 3708010C	12	1.4	-
	-	2.2L	-	491Q-3708010A 4G20V-3708010	12	1.4	-
-	-	2.0L	-	4G22D4-3708010	12	1.4	-
Zhonghua Junjie	-	1.8T	-	BL18T-3708010	12	1.3	-
	-	2.2L	-	491Q-3708010A 4G20V-3708010	12	1.4	-
	-	2.4L	-	4G24-3708020D	12	1.4	-
	-	2.4L	-	4G24-3708020E	12	1.4	-
	-	1.5L	-	4A13-3708020	12	1.2	-
Zhonghua Junjie FRV	-	1.5L	-	4A13-3708020	12	1.2	-
Zhonghua V6	-	1.5T	-	3017536	12	1.2	-
	-	1.5T	-	3017900/P00	12	1.2	-
Zhonghua V3/V5	-	1.5L	-	3100830	12	1.2	-
BYD							
F0	-	1.0L	-	BYD371QA-3708020	12	1.0	-
F3/F3R/L3	-	1.5L	-	10146037-00 473QA-3708020	12	1.2	-
	-	1.5L	-	10146037-00 473QA-3708020	12	1.2	-
F6/G6/M6/S6/Song	-	1.5T	-	488QA-3708100	12	1.45	-
F3/F3R/G3	-	1.5L	-	BYD473QE-3708100	12	1.4	-
S6	-	2.0L	-	BYD483QA-3708010	12	1.3	-
Caterpillar							
-	1992-1997	-	17176	M001T79781	12	1.2	8T
Chery							
A15/A21	-	1.6L	-	477F-3708110	12	1.3	-
A16/A19	-	1.5L	-	477F-3708110BB	12	1.3	-
A19	-	1.5L	-	477F-3708110BB	12	1.3	-
Karry M1	-	1.0T	-	S12-3708110CA D09TCI-70500-2	12	1.6	-
	-	1.6L	-	A15-3708110AB	12	1.2	-
Chevrolet							
Metro	1998-2001	1.3L	16971	M003T33781	12	0.8	8T
Tracker	1991	1.6L	17266	M001T72483	12	1.4	8T

Tracker	2001-2002	1.6L	17194	M000T85781	12	1.7	8T
	2000-2003	2.0L	17836	SMT0216	12	1.4	-
Chrysler							
Sebring	2001-2005	2.4L	17796	M000T81181	12	1.4	8T
300	2008-2010	2.7L	19025	M000T32671	12	1.2	10T
Citroen							
Picasso	2013	-	18967	M1T80082	12	1.4	-
DF-Forching							
JOYEAR	-	1.5L	-	MW252759	12	1.2	-
-	-	1.9T	-	D19TC14-70308	12	1.9	-
-	-	1.9T	-	D16TIC 7001-0003E-01 X1970010	12	1.7	-
Dodge							
-	1991-2003	-	16853	36100-42010	12	2.2	10T
Caliber	2007-2009	1.8L	17994	M000T32071	12	1.2	8T
Colt	1974-1975	2.0L	16940	M002T40081	12	0.9	8T
	1993-1994	2.4L	16939	36100-32510	12	1.2	8T
Ram	1985	2.3L	16854	M002T60171	12	2.2	13T
Stealth	1991	3.0L	17221	M001T73281	12	1.2	8T
FODAY							
		1.9T		D19TC14-70308	12	1.9	
FOTON							
GRATOUR V3/V5		1.2L		E4W1261000007	12	1.0	
		1.2L		E4W1261000003	12	1.2	
Galloper							
2	1997-2001	3.0L	30897	M002T62771	12	2.2	13T
GEELY							
Emgrand	-	2.0L	-	-	12	1.6	-
Emgrand GL/GS	2017.08-	1.4T	-	5511692435	12	1.4	-
Bory	2015-2017	1.8T	-	01653695	12	1.4	-
	2015-	3.5L	-	JL6G35-3708100	12	1.6	-
	2017-2020	1.8T	-	01659208	12	1.4	-
Boyue	2016-2017	1.8T	-	01653695	12	1.4	-
	2017-2018	1.8T	-	01659208	12	1.4	-
Coolray/BoryGE	-	1.5T	-	016020979	12	1.4	-
Panda/Ziyoujian	-	1.0L	-	JL3G10-03650160	12	1.2	-
SC7/Emgrand EC8	-	1.5L	-	13600180	12	1.4	-
Vision S1/X3	-	1.5L	-	13600180	12	1.4	-
Vision X3	-	1.3L	-	4A13-3708020M	12	1.2	-
GWM							
COWRY	-	2.2L	-	3708010-E07-F2	12	1.4	-
FLORID/GWPERI	-	1.3L	-	3708100-Z10	12	1.2	-
Wingle 5/6	-	2.0T	-	3708100-ED01	12	2.0	-
Wingle 5	2020-	2.4L	-	SMW254239	12	1.4	-
GWM-PICKUP							
-	-	2.0T	-	3708100C-ED01	12	2.5	-
-	-	2.0T	-	3708100XED95	12	2.0	-
-	-	2.2L	-	3708010-E07-F2	12	1.4	-
POER	-	2.0T	-	3708100BED95	12	2.5	-
HANTENG							
X5/X7	-	1.5L	-	3708020-04	12	1.3	-
	-	1.5T	-	3708020-05 3708020-13	12	1.3	-
	-	1.6L	-	3M12Q-A4-83200	12	1.4	-
X7	-	1.8T	-	4G18T-3708100	12	1.4	-
	-	1.8T	-	4G18T-3708100	12	1.4	-
HAVAL							
C30/C50/H1/H2/H6	-	1.5T	-	3708100B-EG01	12	1.2	-
	-	1.5T	-	3708100XEG42	12	1.2	-
H2/H6	-	1.5T	-	3708100XEG08B	12	1.2	-

H5	-	2.0T	-	S1810A121	12	1.4	-
	-	2.4L	-	SMD172860	12	1.2	-
H6/M6	2018-	1.5T	-	3708100XEG84	12	1.2	-
	2018-	1.5T	-	3708100XEG90	12	1.2	-
	-	1.5T	-	3708100XEG90	12	1.2	-
H6	-	2.4L	-	SMW252608	12	1.6	-
	2018	1.5T	-	3708100XEGAA 3708100XEG84	12	1.2	-
H6/H7/H8/H9	-	2.0T	-	3708100XED95	12	2	-
H7/H8/H9	-	2.0T	-	3708100AEC02	12	1.4	-
JOLION	-	1.5T	-	3708100XEG90	12	1.2	-
	-	1.5T	-	3708100XEB05	12	1.2	-
	-	1.5T	-	3708100XEG08B	12	1.2	-
	-	1.5T	-	3708100XEG86	12	1.2	-
---	-	2.0T	-	3708100-ED01	12	2	-
---	-	2.2L	-	3708010-E07-F2	12	1.4	-
Hyster	2001-2004	1.9L	11360	0 124 525 128	14	150	
H-25XL	1998-2006	-	18096	M0T84381	12	1.2	8T
Hyundai	2008-2010	3.2L	11461	TG15C094	14	150	
-	2010-2013	-	17593	36100-2B020	12	0.9	8T
-	2013-2018	1.0L	30592	36100-03101	12	0.9	10T
Accent	2001-2003	1.5L	17827	36100-26800	12	0.9	8T
	2006-2009	1.6L	17826	36100-26850	12	0.9	8T
	2011	1.6L	10884	36100-22810	12	0.9	8T
Elantra	1996-1997	1.8L	17708	36100-23000	12	1.2	8T
	1996-1997	1.8L	17709	36100-23100	12	1.2	8T
	2007-2012	2.0L	17987	36100-23070	12	1.2	8T
	2007-2012	2.0L	17988	36100-23170	12	1.2	8T
Sonata	-	2.0L	6974	36100-2G200	12	1.2	11T
	1999-2005	2.4L	17761	36100-38050	12	1.2	8T
	1999-2005	2.4L	17762	36100-38090	12	1.2	8T
	1999-2001	2.5L	17764	36100-37210	12	1.2	8T
Isuzu							
-	-	7.8L	-	8981412060	24	5.0	-
JAC							
Refine	-	-	-	1015201GC030	12	1.2	-
	-	2.0L	-	1015201GD037	12	1.2	-
Refine M3	-	1.6L	-	1043100GK030	12	1.2	-
Refine M5	-	1.9T	-	1043100FB010	12	2	-
	-	2.0T	-	1043100FB012	12	2.5	-
Refine S1/S2/S3	-	1.3L	-	1043100GG010	12	1.2	-
	-	1.5L	-	104310GG010	12	1.2	-
Refine S3	-	1.5L	-	1043100GG01C	12	1.2	-
Rein	-	1.9T	-	1043100FB	12	2.0	-
	-	1.9T	-	D16TIC 7001-0003E-01/X1970010	12	1.7	-
	-	1.9T	-	LN11X167012	12	1.7	-
KAWAI							
-	-	1.9T	-	D19TC14-70308	12	1.9	-
Kia							
Picanto (TA)	2011	1248cc	30507	36100-03400	12	1.2	-
Pride	-	-	17010	M001T71811	12	0.85	8T
	1990-2004	-	33165	36100-2X000	12	0.9	-
Rio	2001-2002	1.5L	17811	36100-2X000	12	0.9	8T
	2012-2015	-	30054	M0T32571	12	0.9	8T
Sorento	2003-2006	3.5L	17810	36100-35900	12	1.2	8T
Kubota							
Z402	2008-2015	-	19162	M0T90881	12	1.2	8T

Lawn							
-	-	-	19107	M0T88081	12	1.3	8T
LEOPAARD							
Q6	-	2.4L	-	2TZ-3708020	12	1.6	-
CS9/CS10	-	1.5L	-	3708020/5407502310000	12	1.3	-
CS9	-	1.5L	-	CF4G15-3708030A1	12	1.3	-
CS10	-	1.5T	-	CF4G15T-3708030	12	1.3	-
	-	1.5L	-	CF4G15T-3708030 MW253610	12	1.3	-
	-	2.0T	-	SMW253621	12	1.4	-
	-	2.0T	-	SMW253770	12	1.4	-
-	-	2.4L	-	4G24-3708020F	12	1.4	-
LIFAN							
320/520	-	1.3L	-	LF470Q-2h-3708100A	12	0.9	-
520	-	1.6L	-	L3708100A1	12	1.2	-
521	-	1.3L	-	3708100-E10	12	1.2	-
320/520/620/720	-	1.3L	-	LF481Q1-3708100A	12	1.2	-
LYNK&CO							
9		2.0T		8889067590	12	1.4	
Mazda							
B2600	1987-1988	2.6L	17185	M001T70485	12	1.4	8T
Miata	1999-2005	1.8L	17592	MI50286	12	1.0	8T
Protege	2000-2003	1.6L	17765	M000T80381	12	1.0	10T
	1999-2000	1.8L	17766	FP50-18-400	12	1.0	8T
Gas	1999-2006	-	19827	M0T92581	12	0.9	8T
3 B6ZE	2003-2009	1.6L	33267	M000T91381	12	1	-
3	2012	2.0L	-	M000T33271	12	1	11T
	2010	2.3L	-	M000T37271	12	1.4	11T
Mitsubishi							
3000GT	1991	3.0L	17131	M001T71381	12	1.4	8T
Eclipse	2006-2010	2.4L	17931	MN153444	12	1.4	8T
Galant	1999	3.0L	17795	M000T80781	12	1.2	8T
Lancer	-	2.0L	17905	M000T30771	12	1.2	8T
	2002	2.0L	17772	M000T81281	12	1.2	8T
Mirage	1997	1.8L	17734	M000T80581	12	1.0	8T
Corsa	2006-2010	1.4L	30896	M002T61171	12	2.2	-
Suzuki							
Aerio	2002-2003	2.0L	17797	M000T86481	12	1.2	-
TANK							
300	-	2.0T	-	3708100XEC56	12	1.4	-
500	-	3.0T	-	3708100XEZ01	12	1.8	-
Volkswagen							
Polo	-	-	-	SVES081401	12	1.2	10T
Bora	-	1.6L	-	442012	12	1.2	10T
	-	1.6L	-	442011	12	1.2	10T
VOLVO							
XC90	-	2.0T	-	8889067590	12	1.4	-
WEY							
VV5/VV7	-	2.0T	-	3708100AEC02	12	1.4	-
VV5/VV6/VV8	-	2.0T	-	3708100XEC56	12	1.4	-
ZOTYE							
M300/T300/Z200	-	1.5L	-	3708020-04	12	1.3	-
T600/Z700	-	1.8T	-	4G20T-3708000	12	1.2	-
	-	1.8T	-	4G20F3708000-01	12	1.4	-
T700	-	2.0T	-	4G20TDI-3708100	12	1.4	-
	-	2.0T	-	4G20TDI-3708100-01	12	1.6	-
Mutiplan	-	1.6L	-	M880027	12	1.5	-
SR7/SX5/SX6	-	1.5L	-	MW252759	12	1.2	-
Z300/Z500	-	1.5L	-	MW252759	12	1.2	-

Z300/Z500	-	1.5L	-	MW253056	12	1.3	-
T600	-	2.0T	-	SMW253097	12	1.4	-
SR9-8AT	-	2.0T	-	SMW253871	12	1.4	-
SR9	-	2.0T	-	SMW295870/SMW253562	12	1.4	-
Others							
TX4	2006-2015	-	31510	134758080	12	2	9T
-	-	-	17749	M1T84381	12	1.6	-
-	-	-	17859	M000T87481	12	1.4	-
-	-	-	30256	36100-2B102	12	0.9	-
-	-	-	32684	228000-7700 ... NAD101410	12	1.2	-
-	-	-	-	24518889			-
-	-	-	-	36100-03100	12	0.8	8T
-	-	-	-	36100-03601	12	0.9	-
-	-	-	-	S25-505GS	12	4.5	-