

Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
ISUZU				
4BA1	9-11261-802-2	4	98	180
DA120	9-11261-301-0	6	100	220/D116
DA120	9-11261-287-1	6	100	220/D119
DA640A	9-11261-302-0	6	102	220/D116
DA640B	9-11216-293-0	6	102	220/D119
DA640C	9-11261-288-0	6	102	220/D119
6BB1/6BD1	1-11261-118-0	6	102	204
4BC1/4BC2	5-11261-014-2	4	102	187
6BF1/6BG1	1-11261-119-0	6	105	203
4BE1	5-11261-016-2	4	105	187
6HE1	8-94396-332-0	6	110	210
6HE1T	8-94390-530-0	6	110	210
4HE1T	8-97176-728-0	4	110	210
4HF1	8-94389-276-3	4	112	180
10PA1/10PB1	1-11261-063-0	10	115	219.25
6SA1	1-11261-065-3	6	115	216
6HH1	8-94393-273-1	6	115	210
4HG1	8-97351-558-0	4	115	180
10PC1	1-11261-076-0	10	119	219.25
10PC1 NEW	1-11261-143-1	10	119	219.25
10PD1	1-11261-161-1	10	119	234.25
6SD1	1-11261-106-2	6	120	239.2
6QA1	1-11261-074-0	6	125	282
10PE1	1-11261-175-0	10	127	233
6RB1-MTC	1-11261-116-0	6	132.9	267
4M-6RB1	1-11261-106-0	6	132.9	264
6WA1	1-11261-296-0	6	132.9	266
6RA1/6RB1	9-11261-290-0 1-11261-133-0	6	135	264
6WG1		6	147	267
C190	9-11261-244-1	4	86	163
C240	9-11261-230-1	4	86	178
C223	5-11261-015-2	4	88	163
4JC1	8-94169-883-1	4	88	156
4JA1	8-94462-130-0	4	93	156
4JB1	8-94247-861-2	4	93	181
4JG1/4JG2	8-94456-791-0	4	95.4	178.5
D500	9-11261-257-0	6	98	206.5

Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
DAIHATSU				
DE	992-4223-1101	4	85	181
DG	992-5113-1171	4	88	182/D97
DG	11461-87302	4	88	182/D97
DG	11461-87304	4	88	182/D101
DL	11461-87303	4	92	182
DL	11461-87305	4	92	178
Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
HINO				
DM100	11467-1440	6	90	199
Wo4D/E	11467-1761	4	104	201
DS70/DS90	11467-1280	6	105	261
EH100	11467-1040	6	105	206
Ho6BT	11467-1931	6	105.8	204
EH300	11467-1020	6	108	204
Ho6CT	11467-1591	6	108	204
EH500/Ho7C/Ho7D	11467-1200	6	110	204
Jo5C	11467-2601	4	114	204
Jo7C	11467-2611	5		
Jo8C	11467-2621	6		
EL100	11467-1240	6	116	222.5
EB300/EB400	11467-1180	6	120	288
EP100	11467-1730	6	120	236
EM100	11467-1661	6	124	236
M10G/M10C	11467-2000	6	127	236
ED100/ER200	11467-1370	6	128	291
EF300/EF350	11467-1071	8	132	248
EF500	11467-1101	8	135	248
EF550	11467-1690	8	135	248
K13C	11467-2090	6	135	267
EK200	11467-1910	6	137	267
EF700/EF750/F170D	11467-1091	8	137	248
F17C/F17E	11467-1702	8	139	248
V22C	11467-2130	10	139	248
F20C	11467-2280	8	146	244.3
Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
MAZDA				
R2	R2B6-10-311	4	86	163
RF/R2	R201-23-051	4	86	165

XA/E2500/T2500	0636-10-311	4	88.9	191
S2/B2200	1456-23-051	4	88.9	167
XB/E2700	0527-23-051	4	92	191
WL/B2500		4	93	165
HA/E3000	1363-23-051	4	95	191
HA/T3000	SE01-23-051	4	95	189
VS	VSY1-10-311A	4	98	168
SL/T3500	SL01-23-311	4	100	193.5
TF/T4000	TFY0-10-311	4	105	200
TM/T4500		4	109	202.5
Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
mitsubishi				
4D68	MD181195	4	82.7	154
4DQ5	30607-50301	4	84	162
4D55	MD050430	4	91.1	165
4D56	MD103648	4	91.1	167
4DR5	31607-02202	4	92	176
4DRT		4	95	186
4M40	MD168963	4	95	186
4D30	ME011513	4	100	196.5
4D31/6D31	ME011604	4	100	191.5
4D34/4D32	ME013366	4	104	197.5
4D32	ME012900	4	104	192
4D33	ME013333	4	108	197
6D14	ME031617	6	110	206
6D14	ME071198	6	110	211
6BD1	30007-62200	6	110	270
4D35	ME031656	4	116	200
6D15	ME071062	6	113	206
6D15	ME071090	6	113	211
6D15	ME071224	6	113	206
6D16	ME041105	6	118	204
6D16	ME051157	6	118	206
6D20		6	125	261.3
6D22	ME061036	6	130	261.8
8DC8	ME062602	8	135	229.7
8DC9	ME120028	8	135	259.7
6D40	ME062783	6	135	261
8DC10		8	138	259.7
6D17		6	118	210

6D17T		6	118	209.5
6DC9T		6	113	276
Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
NISSAN				
SD22	11012-76200	4	83	176
SD23/SD25	11012-L2002	4	89	172
TD25	11012-44G10	4	92.5	160.5
TD27	11012-43G10	4	96	160.5
BD30	11012-54T00	4	96	172.5
ED30	11012-J2000	4	98	184.5
ED6	11012-Z5000	6	100	212
ED33	11012-T9000	4	100	191
FD33	11012-02T01	4	100	191
ED35/FD35	11012-01T10	4	102.5	191
FE6	11012-Z5518	6	108	220
FE6	11012-Z5604	6	108	217
FD46	11012-03T00	6	108	215
FD42	11012-0T001	4	108	198
ND6/NE6	11012-95001	6	110	229/D119
N6D/NE6T	11012-95065	6	110	229/D121
NF6	11012-95515	6	120	226
PD6	11012-96000	6	125	259
PE6	11012-96500	6	133	254/D144
PE6T	11012-96565	6	133	243
PE6T	11012-96576	6	133	
RD8	11012-97025	8	135	238
RE8	11012-97118	8	135	238.3
RE10	11012-97161	10		236
RF8	11012-97164	8	138	246
Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
TOYOTA				
IDZ	11461-78200	4	86	75
2J	11461-48011	4	88	183
2J	11461-48010	4	88	182
2L	11461-54100	4	90	160.5
2H	11461-96601	6	91	184
2H	11461-68010	6	91	184
2L	11461-54060	4	92	160.5
2L	11462-54070	4	92	179.5
1HZ	11462-17010	6	94	168.5

B	11461-56010	4	95	190/B100
B	11461-56020	4	95	190/B102
B	11461-56030	4	95	190/B99
11B	11462-56060	4	95	192
11Z	11461-78300	4	96	182.5
3L	11461-54100	4	96	190
2B	11461-57010	4	98	190
D	11461-76020	6	100	242
3B	11461-58010	4	102	188
13B	11461-58020	4	102	190.5
14B	11462-77040	4	102	192
2D	11461-77040	6	105	242
2D	11461-77021	6	105	233
Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
KOMATSU				
4D92	6140-21-2211	4	92	185
4D94	6144-21-2211	4	94	181
6D95	6207-21-2110	6	95	180
S6D102	6736-29-2110	6	102	200
4D105	6130-22-2213	4	105	228
4D105	6130-22-2310	4	105	223
S6D105	6137-21-2200	6	105	223
S6D108	6222-21-2210	6	108	219.5
S6D110	6138-21-2210	6	110	225
4D120	6110-21-2212	4	120	293
6D125	6150-21-2221	6	125	256.5
4D130	6115-21-2211	4	130	293
NH220	6610-21-2213	6	130.175	303.5
NT855	6710-21-2210	6	139.7	288
6D140	6211-21-2210	6	140	283
6D155	6128-21-2215	6	155	327/D186
S6D155	6128-29-2210	6	155	327/D184
Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
CATERPILLAR				
3064	5I7523	4	101.6	195
3066		6	101.6	195
3114	7C6208	4	104.7	196.85
3116		6	104.7	196.85
D315	4F6486	4	114.3	271
D318		4	114.3	271

D330A/D333A	8S2240	4	114.3	263.8
3208/3160	9N6275	8	114.3	196
D333C/D334/3306	2P8889	6	120.65	255
	5H5676	6	130.175	309.8
D343,D349	6N8700	6	137.16	305.1
D339	8N5676	4	146.05	382
D353	8N9174	6	158.75	382
3406, 3408, 3412	2W6000	6	137.16	274.34
3508, 3512		8, 12	170.027	358.6
Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
MAN				
D0846	51.01201.0318	6	108	254
D1146	63.01201.0050	6	111	234
D2146	50.00246.583	6	121	287
D2366	65.01201.0051	6	123	275
D2538/D2548		8	125	253
D2848	65.01201.0049	8	128	253
D2856	51.01201.0309	5	128	270
Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
MAN				
OM636	181-011-0110	6	75	190
OM615	615-011-0210	4	87	158.4
OM602/OM904	610-011-0210	6	89	156.5
OM616	616-011-0310	4	91	158.4
OM352/OM362	004WV13		96	222.5
OM314	004WV09		97	223
OM364	362-011-0311	6	97.5	222.5
OM360	005WV03		115	253.5
OM401/OM403	403-011-3410	6	125	253
OM355	355-011-0710 355-011-0810	6	128	287.5
OM423	423-011-0210	6	128	253
OM501	003WN30		130	258
Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
PEUGEOT				
206		4	75	135
405		4	83	141
504	021-WN10	4	84	136.1
505	021-WN13	4	88	136.2
Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
KIA				

SF	K756-10-311	4	92	167
RFA	To2VN01-10-311	4	93	168
JS P-A	OK65A-10-311	4	94.5	168
JT P-A	OK75A-10-311	4	98	166.2
JD/K3500	SL01-23-051	4	100	193.5
SH/K3600	SL01-23-501	4	100	193.5
Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
FIAT				
8060.25	007WV49		103	198
8460.21	007WN45		120	250
8210/8215	007WT25		137	282
8210.12.000	007WT42		137	282
8815P3P	223WN04		110	236
8140	007WV56		92	167
8040.54PPO	007WV48		103.2	196
802000	EM7001		94	187
8025.02	007WV09		99	187
8210.12.000	007WT24		137	282
Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
CUMMINS				
3B/3BT/6BT	3904166	6	102	200
6CT	3919937	6	114	238/D131
6CT	3907792	6	114	238/D133
V6-155/V8-210	3022530	6	117.475	165.6
LT10	3080760	6	125	241
6CT	3948095	6	114	235/D131
NH250	184400	6	130.175	303.5
NT855	3055099	6	139.7	288
Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
STERY				
WD615-67	61500010014		126	241
WD615-68	61500010319		126	241
	61500010344		126	241
WD612	321WT06		108	218
Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
PERKINS				
3.144	31358119	3	88.925	215.9
3.152	31358345	3	91.48	215.9
4.203	31358323	4	91.48	215.9
4.212/4.236	31358341	4	98.48	227.28

6.354	31358393	6	98.48	227.28
	31358327	6	98.48	227.2
	31358339	6	98.48	227.2
	31358324	6	98.48	228.98
4.248	31358352	4	101.28	227.27
6.372	31358346	6	101.28	227.27
	31358345 S/F	3	90.5	216
6.372	31358343	6	101.28	223.9
	31358905	8	107.95	226.06
	31358534	4	114.3	230.78
	31358533	4	114.3	230.78
135		6	135	283.3
Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
RVI				
G170	592WN09		102	234.4
AE385	209WT18		135	287
310/340	209WT15		135	286
MID620.30	209WN13		120	241
MIDS620.30	209WN17		120	261
720			102	220.7
Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
RENAULT				
R15	021WN09	4	73	134
R14		4	75	135.2
		4	79	143.2
		6	120	260
		6	135	285.7
R5, R9	021WN08	4	88	140.8
R4, R5	021WN23	4	70	135
R18	021WN14	4	76	134
R16		4	79	144
Cl07-0890		4	90	173
Cl07-0891		4	90	173
Cl08-1063		4	75.8	130
5001/855/8451			123	256.5
Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
SCANIA				
DS11	1114035		127	291
DS14			127	276
DS16	061WN17		127	271

DS9			115	265.5
Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
VOLVO				
TD60	037WN07	6	98.68	234.5
TD70	037WN11	6	104.77	257
TD100A	037WN18	6	120.64	293.7
TD100BGF	037WN23	6	120.64	295.7
TD120			130.175	310.99
TD121			130.175	310.99
TD122F			130.175	319.165
Engine Model	OE NO.	NO. CYL.	BORE. MM	LENGTH.MM
DAF				
DF615	212275		104.18	239
DH825	240474	6	118	262
		4	130	288.5
DKTD325	241054	4	130	288.5