



KUAN KUNG MACHINERY CORP.

THE MOST RELIABLE ENGINE PARTS IN TAIWAN FOR AUTOMOBILE



Complete set of Engine Repair Parts named Liner Kit is our special offer for our customers. The Liner Kit includes Liner, Piston, Piston Ring (Imported from Japan RIK, NPR or TP) and Piston Pin, Bush and Clip. We pack them in the same way as Original. Using imported Piston Ring makes our Liner Kit to high quality enough to win client's confidence and satisfaction.

Heavy and Ultra Heavy Liners for Trucks, Trailers, Buses, Ships and Engineering Equipments are experienced more than 30 years, such as Komatsu,

We obtained the ISO 9001:2000 Approval Certificate in May of 2003. And further investigation passed in November of the same year. Implementation of the ISO specified details is executed and bring us to the 2nd time approval from SGS.

The Corporation Quality Target is setup on:

Quality First as well as Customer First. OUR QUALITY ASSURANCE POLICY

Improvement is required all the time..

Nothing best, always something better.

Quality First as well as Customer First.

Developing is keeping going to survive from this competitive market.

KUAN KUNG, A PARTNER YOU CAN RELY ON

Main operations in our Plants indicate that we are on the top quality equipped machines such as UltraSonic Cleaning Machines, Inner Dimension Drilling, Final Honing operation in which USA made " Sunnun " Honing machine CK-21 and Japan made Honing Machine are equipped. Also CNC Digital Machines are installed for automation machining operations.

CONSTANT PROGRESS IN THE NEW CENTURY

Developing to be taken is not only on the Products, but also on the Marketing. We attended many professional shows around the world, from Taipei, Las Vegas, Paris, Frankfurt to Dubai. We have to face all the customers in their regions to know what they really want to have

KUAN KUNG MACHINERY CORP.

#12, Lane 53, Taiming Rd., Wuji, Taichung, Taiwan,

Tel: 886-4-23350039(3 lines) Fax: 886-4-23350036, 23355834

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Tel: 886-4-23350037~39 Fax: 886-4-23350036 Email:kuan.kung@msa.hinet.net

HINO

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	AI	CH	

DM100 KM100	6	90.0	11467-1440A (11467-1330) 2-352-1965-01	199.0		13216-1120/A 3352-1961-00	5			04013-1020A
DQ100	6	92.0	11467-1480A	199.0		13216-1130	5			HMDKT3501
EC100	6	97.0	11467-1130C 11467-1491B	206.0		13216-1140/C 2380-1940-01	5 5			04013-1032A 04013-1057A
W04CT	4	104.0	11467-1771A	201.0	B	13216-1631B 13216-1781A 13216-1830A	3K 3K 3K			HMDKT4201
W04D	4	104.0	11467-1781(Y) 11467-1771(X) 11467-1791(Z) 11467-1761(W)	201.0	B	13216-1720C 13216-1460/E 13211-1801	3 3 3			04013-1170 KK132161460
W04D	4	104.0	11467-1781(Y) 11467-1771(X) 11467-1791(Z) 11467-1761(W)	201.0	B	13216-2220	3			
W04DT	4	104.0	11467-1771A	201.0	B	13216-1600B 13216-3201	3			
W04DT	4	104.0	11467-1771A	201.0	B	13216-2450	3			
W06D	6	104.0	11467-1771A	201.0	B	13216-1470/D/E	3			KK132161470D
W06D	6	104.0	11467-1771A	201.0	B	13216-2220	3			
W06E	6	104.0	11467-1771A	201.0	B	13216-1791B 13216-1720C 13211-2070	3 3 3			
DS70	6	105.0	11467-1280	261.0		13216-1040	5			04013-1025A
EH100(A)	6	105.0	11467-1030(A) 11467-1040(B)	204.0		13216-1010	5			04013-1021A 04013-1022A
H06BT	6	105.8	11467-1931	204.0		13216-1591B	4K			
EH300(A)	6	108.0	11467-1010(A) 11467-1020(B)	204.0		13216-1160	4			04013-1023A 04013-1024A
EH500	6	108.0	11467-1621	204	B	13216-1340A	4			
H06C	6	108.0	11467-1601A	204	B	13216-1540B	4			HMDKT4301
H06CT	6	108.0	11467-1601A	204	B	13216-1750D	4K			04013-1142A
H06CT	6	108.0	11467-1601A	204	B	13216-1800B 13216-1810A	4K 4K			
H06CT	6	108.0	11467-1621A(Z) 11467-1601A(X) 11467-1611A(Y) 11467-1591(W)	204 204 204 204	B	13216-2600A 13216-1441A	4 4K			
H06CT	6	108.0	11467-1601A	204	B	13216-2010A	4			
EH700(W) EH700(X) EH700(Y) EH700(Z))	6	110.0	11467-1200A 11467-1210A 11467-1220A 11467-1230A	204.0	B	13216-1180/1 13216-1471 13216-1890	4 4 4 4			HMDKT3301 HMDKT3401
EH700T	6	110.0	11467-1210A	204.0	B	13216-1390B 13216-1380	4 4			HMDKT3601
H07C	6	110.0	11467-1210A	204.0	B	13216-1771 13216-2300				HMDKT4001
H07CN	6	110.0	11467-1210A	204.0	B	13216-2290A 13216-1851	4 4			HMDKT3701

Code: S=Semi-Finish, F=Finish, AI=S&F, B=Blackening(Phosphated), C=Chromed, P=Copper Plated

AI(A=Alfin, N=nonAlfin B=Both Available, CH=Cooling Channel, K=Keystone, H=Half Keystone



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HINO

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	AI	CH	
H07CT	6	110.0	11467-1210A	204.0	B	13216-2062A 13216-2430A 13216-2830	4 4 4		CH CH CH	04013-1186A
H07D	6	110.0	11467-1210A	204.0	B	13216-2260A	4			KK132161980
H07DN	6	110.0	11467-1210A	204.0	B	13216-1980A	4			KK132162260
DS50 DS60	6	110.0	11467-1550B	266.0		13216-1050B 13216-1490A	5			
J05E	4	112.0	S1146-73210	204.0	B	S130A-E0100			CH	
J07E	5	112.0	S1146-73210	204.0	B	S130A-E0100			CH	
J08E	6	112.0	S1146-73210	204.0	B	S130A-E0100			CH	
J08E	6	112.0	S1146-73210	204.0	B	S0401-30269				
A09C	6	112.0								
J05C	4	114.0	11467-2601/11/21 11467-2780/90 11461-78060/70/80	204.0	B	13216-2631	3			04013-2631
J05CT	4	114.0	11467-2601/11/21 11467-2780/90 11461-78060/70/80	204.0	B	13306-1080	3			
J05CT	4	114.0	11467-2601/11/21 11467-2780/90 11461-78060/70/80	204.0	B	13306-1012	3			
J07C	5	114.0	11467-2601/11/21 11467-2780/90 11461-78060/70/80	204.0	B	13216-2631	3			04013-2631
J07CT	5	114.0	11467-2601/11/21 11467-2780/90 11461-78060/70/80	204.0	B	13306-1080	3			
J07CT	5	114.0	11467-2601/11/21 11467-2780/90 11461-78060/70/80	204.0	B	13306-1012	3			
J08C	6	114.0	11467-2601/11/21 11467-2780/90 11461-78060/70/80	204.0	B	13216-2631	3			04013-2631
J08CT	6	114.0	11467-2601/11/21 11467-2780/90 11461-78060/70/80	204.0	B	13306-1080	3			
J08CT	6	114.0	11467-2601/11/21 11467-2780/90 11461-78060/70/80	204.0	B	13306-1012	3			
S05CB	4	114.0	11467-2951A	186.5	B	13216-2983	3			
S05D	4	114.0	11467-2951A	186.5	B	13216-78030/1	3			
EB100	6	115.0	11467-1390A			13216-1090A				
EB200	6	115.0	11467-1390A			13216-1090A				04013-1097A
EL100	6	116.0	11467-1640A	222.8		13216-1272A	4			04013-1071A
EB300	6	120.0	11467-1380A	288		13216-1110/A	4			
EB400	6	120.0	11467-1380A	288		13216-1230A	4			
DK10	6	120.0	11467-1380B			13216-1080A	5			04013-1080A
DK10T	6	120.0	11467-1380B			13216-1070B	5			
EP-100	6	120.0	11467-1730A 11467-1740B 11467-1750C		B	13216-1420C 13216-1710A 13216-1920A	4 4 4			

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HINO

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	AI	CH	
P09C			11467-1730A		B	13216-2460	4K			
EP100T	6	120.0	11467-1730A		B	13216-1450C	4DK			
P11C	6	122.0	11467-3140A		B	13216-2700	4			
P11C	6	122.0	11467-3140A		B	13216-2930	3			
P11C	6	122.0	11467-3140A		B	13216-2723	4			
EM100	6	124.0	11467-1661(A) 11467-1671(B)	236.0	B	13216-1370C 13216-1690A	4K 4K			
M10C	6	127.0	11467-2020	236	B	13216-2070A 13216-2411	4K			
M10U	6	127.0	11467-2020	236	B		4K			
ED100	6	128.0	11467-1020A 11467-1170	291.0		13216-1170	4			
ER200	6	128.0	11461-1020A			13216-1281A	4			04013-1098A
ER200	6	128.0	11461-1020A			13216-1281A	4			04013-1117A
EF100	8	130.0	11467-1110A			13211-1140A	4			
EF100(L)	8	130.0	11467-1110A	248.0		13216-1290A	4			04013-1039A
EF100(R)						13226-1040A	4			04013-1037A
EF300(L)	8	132.0	11467-1071B	248.0		13216-1320A	4K			04013-1075A
EF300(R)						13226-1070A	4K			04013-1074A
EF300(L)						13216-1241A	4K			04013-1039A
EF300(R)						13216-1011A	4K			04013-1037A
EF350(L)	8	132.0	11467-1071B	248.0		10216-1330A	4K			04013-1061A
EF350(R)						13226-1080A	4K			04013-1060A
EF500(L)	8	135.0	11467-1101A	248.0		13216-1252A	4K			04013-1054A
EF500(R)						13226-1022A	4K			04013-1053A
EF550(L)	8	135.0	11467-1690A	248.0		13216-1560A	4K			04013-1096A
EF550(R)						13226-1140A	4K			04013-1095A
						13226-1140A	4K			04013-1113A
K13C	6	135.0	11467-2090A 11467-2380A	266.0		13216-1850A 13216-2140A 13216-2330A 13226-1261C 13216-2240A 13216-2330A	4 4 4 4 4 4			04013-1133A 04013-1137A 04013-1201A
K13CT	6	135.0	11467-2090A	267		13216-2140A	4			
K13D	6	137.0	11467-1910A	267.0		13216-2100A 13216-2440A	4K 4K			
EK100	6	137.0	11467-1910A (11467-1080) (11467-1910) 11467-1960	267.0	Cr	13216-1220A 13216-1224A 13216-1530A 13216-1222	4			04013-1092A 04013-1110A 04013-1115A
EK100T	6	137.0	11467-1910A	267.0		13216-1410A				KK132161410
EK130T	6	137.0	11467-1910A	267		13216-1812A	4			
EK200	6	137.0	11467-1910A	267		13216-1900 13211-1900	4			
E13C	6	137.0	11467-3230A	251	B	13211-0200				04013-0144
EF700(L)	8	137.0	11467-1091A	248.0		13216-1261A	4K			04013-1063A
EF700(R)			(11467-1900)			13226-1031B	4K			04013-1062A
EF750(L)	8	137.0	11467-1091A	248.0		13216-1860A	4K			04013-1112A

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HONDA

LINER, PISTON & KIT

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston			Liner Kit Or Remarks
			No.	L	Code	No.	Ring	Al	CH

GAB07	4	56.5				13101-383-000	3		
G42	1	66.0				13101-822-000	3		
GV200	1	67.0				13101-883-003	3		
EB1	4	70.0				13101-634-920	3		
						13101-634-000	3		
						13101-634-630	3		
EB2	4	72.0				13101-634-670	3		
						13101-634-671	3		
EN	4	72.0	11461-679-621			13101-PA1-010	3		
						13101-PA5-000	3		
EJ	4	72.0				13101-PA5-030	3		
						13101-PA0-000	3		
G65(GS65)	1	72.0				13101-823-000	3		
EC	4	74.0				13101-568-010	3		
						13101-568-010	3		
ED1	4	74.0				13101-657-670	3		
						13101-657-010	3		
						13101-657-020	3		
						(13101-657-030)			
						(13101-663-670)			
EF1	4	74				13101-671-000	3		
						(13101-671-010)			
EM1 (EF1)	4	74				13101-PA6-000	3		
						(13101-PA6-306)			
						13101-PA6-020	3		
						13101-PA6-010	3		
						(13101-PA6-305)			
EV	4	74				13101-PE7-000	3		
						13101-PE7-660	3		
	4	74				13101-PE4-730	3		
EW	4	74				13101-PE1-000(R)	3		
						(13105-PE1-000(L))			
EV	4	74				13101-PE0-660(R)	3		
						(13101-PE1-721(L))			
GSU30	4	74				13101-471-003	3		
ZC	4	75				13101-PG6-000	3		
D13 (D15B)	4	75				13101-PM3-P01	3		
D13B	4	75				13101-PM0-B01	3		
D15B	4	75				13101-PM3-000	3		
						(13101-PM3-010)			
ZC	4	75				13101-PM6-000	3		
						(13101-PM6-010)			
EK1	4	77				13101-689-000	3		
						(13101-689-010)			
EP	4	77				13101-PC1-000	3		
						(13101-PC1-010)			
						(13101-PC3-600)			
						13101-PC2-000	3		
						(13101-PC2-010)			
						(13101-PC4-600)			
EK1	4	77				13101-PB2-000	3		
						(13101-PB2-900)			

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ISUZU

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston			Liner Kit Or Remarks
			No.	L	Code	No.	Ring	Al	CH

G130	4	75.0					3		
3AF1	3	76.0				5-12111-169-0 (5-12111-245-0)			
4EC1	4	76.0				8-94129-828-0 (8-94129-844-1)	3		
4EC1-T	4	76.0				8-94149-276-4	3		
4FE1	4	76.3				8-94169-747-1 8-94169-752-1	3 3		
4XC1	4	77.0				8-94425-275-0 8-94141-426-0 8-94411-975-0 8-94162-766-2	2 2 3 3		
G150	4	79.0				9-12111-811-0	3		
4EE1	4	79.0				8-97129-437-0~2			
4EE1T	4	79.0				8-97043-772-0/3-0 8-94381-709-0/1			
G161AB	4	82.0				9-12111-462-0 (9-12111-667-0)	3		
G161	4	82.0	9-11261-602-0			9-12111-670-0 (9-12111-784-0)	3		
G161Z	4	82.0	9-11261-602-0			8-94200-645-0 (8-94211-129-0) 8-94218-808-0 (8-94220-636-0) 8-94244-402-0	3 3 3		
4ZA1	4	82				8-94232-085-0 5-84452-742-1	3 3		
C221	4	83	9-11261-253-1	174.0	CR	5-12111-065-0 9-12111-646-0	5		5-8751-0060-1
G180S	4	84				9-12411-622-0	3		
G180	4	84	9-11261-210-0			5-12111-066-3	3		
G180Z	4	84	9-11261-210-0			8-94201-040-0 (8-94201-607-0)	3		
G180	4	84	9-11261-210-0			8-94215-088-0 8-94235-290-0 (8-94238-475-0) 8-94251-268-1	3 3 3		
4FB1	4	84	8-94111-803-3			8-94228-886-2 8-94201-492-0 8-94235-962-0	3		
4FC1	4	84				8-94228-887-0/1 8-94111-655-1 8-94139-972-0	3 3 3		
4ZB1	4	84				8-94235-290-2 (8-94235-924-0)	3		
4ZB1J	4	84				8-94251-268-1 (8-94251-925-0)	3		
G201	4	86				9-12111-544-0 (9-12111-689-0) 5-12111-011-0	3 3		

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ISUZU

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	AI	CH	
C240	4	86	9-11261-230-1 9-11261-230-0	178	CR	5-12111-064-0 9-12111-813-0	4			
C240	4	86	9-11261-230-1 9-11261-230-0	178	CR	9-12111-834-0	5			
C190	4	86	9-11261-224-1	163.0	CR	5-12111-119-0 (5-12111-203-0) 5-12111-225-0 5-12111-202-0 5-12111-202-1	4 4 4 4			5-8781-0148-1 5-8781-0183-2 5-8781-0149-1 5-8781-0236-1
C240(3G) C190(3G)	4	86	9-11261-230-1	178.0 163.0	CR CR	5-12111-226-0 8-94326-225-0 5-12111-064-0	3 3 3			5-8781-0235-0 5-8781-0536-2 5-8781-0085-2
G200Z	4	87				8-94213-831-0 8-94237-469-1	3 3			
G200	4	87				8-94258-494-1	3			
G200W	4	87				8-94237-082-0 (8-94237-082-1) 8-94107-912-0	3 3			
4ZC1	4	88				8-94250-916-1	3			
4FD1	4	88				8-94105-454-0	3			
C223	4	88	5-11261-015-0/2 8-94169-883-1	163.0	CR	5-12111-212-0	3			5-8781-0226-1
C223	4	88	5-11261-015-0/2 8-94169-883-1	163.0	CR	8-94250-729-0	3			5-8781-0239-1
C223T	4	88	5-11261-015-0/2 8-94169-883-1	163.0	CR	8-94118-826-0	3			
4JC1	4	88	8-94169-883-0 5-11261-015-0/2		CR	8-94335-619-0 8-94169-885-0	3			5-8781-0641-0
4ZD1	4	89.3	8-94156-657-0			8-94156-657-0 8-94136-777-3	3 3			
4FG1	4	89.3				8-94454-813-0	3			
D400	6	92	9-11261-205-0			9-12111-598-0	5			
4ZE1	4	92.6				8-94163-189-2	3			
4JA1	4	93	8-94110-144-0 8-94462-130-0	156.0	CR	8-94152-712-1 8-94369-281-0	3 3			5-8781-0277-3 5-8781-0717-0 (5-8781-0737-0)
4JA1(N)	4	93	8-94110--144-0 8-94462-130-0	156.0	CR	8-94436-892-0 8-97089-892-0 8-97109-181-0 8-97176-601-0	3 3 3 3			
4JB1	4	93	8-94247-861-2 8-94247-861-0	181.0	CR	8-94152-711-1 8-94433-177-1 8-94445-718-0	3 3 3			5-8781-0278-0 5-8781-0627-0 5-8781-0628-0
4JB1	4	93	8-94247-861-2 8-94247-861-0	181.0	CR	8-94311-606-0	3			
4JB1-T	4	93	8-94247-861-0/2	181.0	CR	8-94340-620-0 8-94369-218-0 8-97176-602-0	3			5-8781-0636-0
4JB1-T	4	93	8-94247-861-0/2	181.0	CR	8-94460-887-1 8-97108-621-0	3			
4JG1	4	95.4	8-94456-791-0	178.0	CR	8-97074-507-0	3			5-8781-1104-0

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AI(A=Alfin, N=nonAlfin B=Both Available, CH=Cooling Channel, K=Keystone, H=Half Keystone



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ISUZU

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	Al	CH	
4JG2	4	95.4	8-97043-287-0	178.0	CR	8-97073-647-1 8-97086-449-0	3 3			
4JG2T	4	95.4	8-97043-287-0	178.0	CR	8-97176-620-0 8-97176-624-0/1 8-97176-625-0/1	3 3 3			
4JH1T	4	95.4	8-97176-702-0	178.0	CR	8-97305-586-1 8-97305-585-3	3 3			
4JJ1	4	95.4				8-97367-397-1	3			
4BA1	4	98	9-11261-802-0~2	180.5	CR	5-12111-055-1 5-12111-201-0	3 3			5-8781-0087-2/3 5-8781-0158-1
D500	6	98	9-11261-257-0	206.5	CR	5-12111-055-1 5-12111-201-0	3 3			1-8781-0087-2
DA120	6	100	9-87692-095-0 9-11261-287-0/1	220.0		9-12111-196-0 9-12111-320-0 1-12111-126-0 9-12111-901-0	5 5 4			9-8852-0064-4
DA220	4	100	9-87692-095-0	220.0		1-12111-126-0 9-12111-901-0	4			9-8852-0063-4
DA640(A)	6	102	9-11261-288			1-12111-122-1				1-8781-0015-5
DA640(C)	6	102	9-11261-288-0	228.0 228.0		1-12111-321-0 1-12111-050-0 1-12111-122-0(1) 1-12111-122-1 (1-12111-740-0)	5 4 4			1-8781-0015-5 1-8781-0016-5
DA640T	6	102	9-11261-288-0			1-12111-125-1				1-8781-0116-1
4BB1	4	102	1-11261-118-0	204.0	CR	5-12111-013-0	3			5-8781-0088-1
4BC1	4	102	5-11261-014-2		CR	5-12111-172-1 (5-12111-188-1)	3			5-8781-0172-1 (5-8781-0210-1)
4BC2	4	102	5-11261-014-2		CR	5-12111-230-4 8-94169-765-0 8-97012-662-0 8-97083-121-1	3 3			5-8781-0211-4 5-8781-0292-2 5-8781-0780-1 5-8781-1524-0
4BD1	4	102	1-11261-118-0	204.0	CR	5-12111-176-0 5-12111-224-1 5-12111-303-1 1-12111-321-0 1-12111-587-1 1-12111-609-0 5-12111-068-0/2 5-12111-211-1 1-12111-240-1 5-12111-242-1 (5-12111-265-0) 8-94154-798-1 8-94175-027-2 8-94422-975-1 8-94321-734-0 8-94452-912-0	3 3 3 3 3			1-8781-0232-2 1-8781-0299-3 1-8781-0366-3 1-8781-0368-1 1-8781-0903-0 1-8781-0918-0 5-8781-0093-7 5-8781-0169-2 5-8781-0423-2 5-8781-0221-1 (5-8781-0490-2) (5-8781-0529-1) 5-8781-0249-2 5-8781-0311-3 5-8781-0316-3 5-8781-0466-1 5-8781-0473-1 5-8781-0479-1

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ISUZU

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	Al	CH	
4BD1-T	4	102	1-11261-118-0	204.0	CR	5-12111-240-1 8-94175-027-2 5-12111-303-0/1	3			1-8781-0226-5 5-8781-0316-3
4BD1-T	4	102	1-11261-118-0	204.0	CR	5-12111-325-1 5-12111-428-0 5-12111-176-0 8-94174-649-1 8-94157-349-0 8-94154-798-1 8-94175-027-2 8-94321-734-0 (8-94321-734-0)	3			1-8781-0340-1 1-8781-0393-3 5-8781-0485-1 5-8781-0280-4 5-8781-0310-1 5-8781-0311-0 5-8781-0316-3 5-8781-0548-2 (5-8781-0555-1)
4BD2T	4	102.0	1-11261-118-0	204.0	CR	8-97025-457-2 8-97176-640-0	3		CH	5-8781-0923-1
4BD2T	4	102.0	1-11261-118-0	204.0	CR	8-97176-642-0	3		CH	
6BB1	6	102	1-11261-118-0	204.0	CR	5-12111-013-0	3			1-8781-0088-6
6BB1	6	102	1-11261-118-0	204.0	CR	1-12111-633-0 1-12111-634-0				1-8781-0709-0 1-8781-0833-2
6BD1	6	102	1-11261-118-0	204	CR	5-12111-068-0 (5-12111-068-2)	3			
6BD1-T	6	102	1-11261-118-0	204	CR	1-12111-325-1 1-12111-303-1 1-12111-428-1 5-12111-777-0	3			1-8781-0340-1
4BG1	4	105	1-11261-119-0	203	CR	8-94340-331-1				5-8781-0769
4BE1	4	105	5-11261-016-0 5-11261-016-2	187	CR	5-12111-022-0 8-94478-116-0 8-94438-989-1	3 3			5-8781-0832-0 5-8781-0496-1
4BE1	4	105	5-11261-016-0 5-11261-016-2	187	CR	8-94478-116-0	3			5-8781-0496-1
4BF1	4	105	1-11261-119-0	203	CR	8-97063-867-0				5-8781-0858-1
6BG1	6	105	1-11261-119-0 1-11261-147-2	203	CR	1-12111-323-2 (1-12111-377-4) 1-12111-435-0 1-12111-528-0 1-12111-617-0	3			1-8781-0392-2 1-8781-0605-1 1-8781-0895-0
6BG1-T	6	105	1-11261-119-0	203	CR	1-12111-471-0 1-12111-366-0 1-12111-435-0 1-12111-593-0	3			1-8781-0442-1 1-8781-0411-2 1-8781-0594-0 1-8781-0854-0
6BG1-T	6	105	1-11261-119-0	203	CR	1-12111-626-0	3		CH	1-8781-0904-0
6BG1-T	6	105	1-11261-119-0	203	CR	8-97358-574-0	4		CH	
6BF1	6	105	1-11261-119-0	203	CR	1-12111-345-0	3			
4HE1T	4	110	8-97176-723-0 ~ 8-97176-728-0	210	B	8-97176-652-0 8-17183-664-0 8-17183-665-0 8-97233-129-0 8-97233-130-0	3K			5-8781-3280-0
4HE1T	4	110	8-94396-332-0 8-94391-600/1-0	210	B	8-94391-696-0/1 8-97251-697-0/1	4K			5-8781-3744-1

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ISUZU

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	Al	CH	
6HE1	6	110	8-94396-332-0	210	B	8-94396-837-0	3			1-8781-0853-0 1-8781-1455-0
6HE1T	6	110	8-94396-332-0	210	B	1-87310-059-0/060 8-94391-594-0 8-94391-596-0 8-94391-605-0 8-94391-696-0			CH	1-8781-1459-0
6HE1T	6	110	8-94396-332-0	210	B	8-94391-696-0			CH	
4HF1	4	112	8-94389-276-3 8-97144-174-0 8-97176-727-0	180		8-97095-585-0 8-97176-655-0	3			5-8781-3332-0
4HF1	4	112	8-94389-276-3 8-97144-174-0 8-97176-727-0	180		8-97063-867-0 8-97095-654-0	3			5-8781-3330-0
4HF1	4	112	8-94389-276-3 8-97144-174-0 8-97176-727-0	180		5-87913-391-0	3K			
4HG1	4	115.0	8-97351-558-0	180	B	8-97183-666-0	3K			
4HG1T	4	115.0	8-97351-558-0	180	B	8-97219-032-0	3K		CH	
4HK1	4	115.0	8-94393-273-1	210	B	8-98041-141-0	4K		CH	
6HK1	6	115.0	8-94393-273-1	210	B	8-94391-895-1	4K		CH	
6SA1	6	115	1-11261-065-2 1-11261-106-2 1-11261-094-1	216	Cu	1-12111-217-0 1-12111-350-1 1-12111-452-1 1-12111-452-2 1-12111-603-0				1-8781-0295-2 1-8781-0352-2 1-8781-0406-2 1-8781-0815-1 1-8781-0855-0
4HJ1	4	115.0	8-94393-273-1	210	B	8-97228-302-0	4K		CH	
4HL1	4	115.0				8-97331-643-0				
6SA1T	6	115	1-11261-094-0 1-11261-094-1	216	Cu	1-12111-459-1 1-12111-460-1 1-12111-459-0			CH	1-8781-0501-1 1-8781-0505-1 1-8781-0469-2
6SA1MTC	6	115	1-11261-094-1		Cu	1-12111-468-1				1-8781-0702-1
6HH1	6	115	8-94393-273-1	210	B	8-94394-950-0			CH	
6HH1T	6	115	8-94393-273-1	210	B	8-94391-598-0			CH	
6HL1-TC	6	115	8-94391-602-0/1			8-97602-904-0				
10PA1	10	115	1-11261-063-0 1-11261-155			1-12111-157-0 1-12111-216-0 1-12111-154-1 1-12111-154-1 1-12111-154-1 1-12111-216-0				1-8781-0191-3 1-8781-0193-4 1-8781-0203-4 1-8781-0533-0 1-8781-0307-3 1-8781-0686-0 1-8781-0843-0
8PA1	8	115	1-11261-063-0 (-033,-064) 1-11261-155-0			1-12111-157-0 1-12111-216-0 1-12111-154-1 1-12111-154-1 1-12111-154-1 1-12111-216-0				1-8781-0191-3 1-8781-0193-4 1-8781-0203-4 1-8781-0533-0 1-8781-0307-3 1-8781-0686-0 1-8781-0843-0
8PB1T	8	115	1-11261-063-0 (-033,-064)			1-12111-176-0 1-12111-271-0				1-8781-0843-0 1-8781-0262-1

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ISUZU

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	AI	CH	
10PB1	10	115	1-11261-063-0 (-033,-064) 1-11261-155-0			1-12111-217-0 1-12111-156-1 1-12111-259-0 1-12111-271-0				1-8781-0190-4 1-8781-0204-4 1-8781-0285-0 1-8781-0757-0
10PB	10	115	1-11261-155-0			1-12111-271-0				1-8781-0684-0
10PB1T	10	115	1-11261-155-0			1-12111-276-0				1-8781-0685-0
4HG1	4	115	8-94319-032-0		B	8-97183-666-0				
10PD1	10	119	1-11261-161-1			1-12111-549-3 1-12111-444-1				1-8781-0781-2 1-8781-0835-0
8PC1	8	119	1-11261-076-0 1-11261-144-2			1-12111-282-1 1-12111-282-3				1-8781-0324-4 1-8781-0534-1
10PC1	10	119	1-11261-076-0 1-11261-111-0 1-11261-115-0 1-11261-147-2 1-11261-143-1			1-12111-296-1 1-12111-419-2				1-8781-0323-2 1-8781-0424-3 1-8781-0476-1 1-8781-0676-1
10PC1T	10	119	1-11261-076-0 1-11261-147-2			1-12111-407-2 1-12111-419-2 1-12111-495-0				1-8781-0477-2 1-8781-0549-3 1-8781-1175-0
12PC	12	119	1-11261-161-1			1-12111-600-1				1-8781-0844-0
DH100	6	120	9-11261-241-0			9-12111-171-0 9-12111-849-1 9-12111-742-3 1-12111-144-0	5 4 4			1-8781-0029-2 1-8781-0028-3 1-8781-0212-1
6SD1	6	120	1-11261-106-2		B	1-12111-591-0 1-12111-620-1				
6SD1T	6	120	1-11261-106-2		B	1-12111-569-0 1-12111-567-0 1-12111-547-0				1-8781-0667-0 1-8781-0712-1 1-8781-0959-1
6SD1T	6	120	1-11261-106-2		B	1-12111-842-0 1-12111-843-0				
6QA1	6	125	1-11261-074			1-12111-206-0/1 (1-12111-338-0)	3			
D920	6	125	9-11261-227-0 1-11261-017-0			1-12111-103-1				1-8781-0085-5 1-8781-0188-4
6QA1	6	125	1-11261-091-0 1-11261-074-0 1-11261-094-1 1-11261-160-0		Cr	1-12111-338-0 1-12111-206-1				1-8781-0320-0 1-8781-0378-0 1-8781-0655-1 1-8781-0841-0
10PE1	10	127	1-11261-175-0 1-11261-175-0 1-11261-286-0			1-12111-678-0 1-12111-813-0				
10PE1	10	127	1-11261-175-0 1-11261-175-0 1-11261-286-0			1-12111-926-0				
6WA1	6	132.9	1-11261-362-1			1-12111-671-0				
6WA1T	6	132.9				1-12111-907-1				
E120	6	135	9-11261-290-0	264	Cu	1-12111-524-2/0 1-12111-526-0 1-12111-080-1	3			1-8781-0514-0 1-8781-0516-0

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[illegible][illegible]



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MAZDA

LINER, PISTON & KIT

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	AI	CH	

PB	4	68.0	0249-10-311	125.0		0249-99-111 0259-23-200 0249-11-102	3			
B1	4	68.0				B1T0-11-SA0	3	N		
TB	4	70.0	0271-23-206	132.0		0268-23-200 0268-11-102 0271-23-200	3			
PC	4	70.0				0317-23-200	3			
PC2	4	70.0				8698-23-200	3			
E1	4	70.0				E101-23-200A	3			
B3	4	71.0	B30-11-SA0			B3Y0-11-SA0	3			
TC	4	73.0	0324-23-311 0310-10-311			0324-23-200 0370-23-200 8034-23-200	3 3 3			
JF	V6	74.0				JFY3-11-SA0	3			
UA	4	75.0		147.5		0107-11-102 0603-23-200 0571-23-200 0572-23-200	3			
UC	4	77.0				8569-23-200 D410-23-200 8568-23-200	3 3 ?			
E5	4	77.0				E501-23-200 E502-23-200A E580-23-200C	3 3 3			
E3	4	77.0				E301-23-200 E302-23-200A	3 3			
UB	4	78.0				0222-23-200	3			
VB	4	78.0				0290-23-200 (3879-23-200)	3			
NA	4	78.0	0305-10-311 0305-23-311			0305-23-200 H602-23-200 8170-23-20 (H601-23-200) D27Z-6108B	3 3 3 3			
B6	4	78.0				B6Y0-11-SA0A	3			
B6-T	4	78.0				B6Z2-11-SB0C	3			
PN	4	78.0				PN11-11-SA0B PN20-11-SBX	3			
VC	4	80.0				H802-23-200	3			
MA	4	80.0				3975-23-200 4112-23-200 (8682-23-200A) (HE01-23-200) 4116-23-200 (8171-23-200) H801-23-200 HE41-23-200	3 3 3 3			
F6	4	81.0				F601-23-200 F605-23-200	3 3			
VA	4	82.0	0552-10-311	169.0		0164-23-200	4	N		

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MAZDA

LINER, PISTON & KIT

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston			Liner Kit Or Remarks
			No.	L	Code	No.	Ring	Al	CH
(E2000)						2477-23-200 0553-23-200		N N	
BP	4	83.0				BPY1-11-SA0 BPY1-11-SA0A BPY3-11-SA0	3 3		
F8	4	86.0				F801-23-200	3		
FE	4	86.0				FE01-23-200 FE30-23-200A	3 3		
R2	4	86.0	RF01-10-311	163.0		RF01-23-200	3		
R2	4	86.0	R2B6-10-311 R2B6-10-313	163.0		R2Y0-11-SA0	3		
R2	4	86.0	R2B6-10-311 R2B6-10-313	163.0		R2Y3-11-SA0B	3		Y
R2	4	86.0	R2B6-10-311 R2B6-10-313	163.0		R2Y4-11-SA0B	3		Y
F2	4	86.0				F2Y2-11-SA0 F2Y4-11-SA0	3 3		
RF-T	4	86.0				RFY0-11-SA0A	3		
RF	4	86.0	RF01-10-311			RFY0-11-SA0 RFY0-11-SA0A RFY4-11-SA0A	3 3 3		Y
U2	4	86.0							
XA E2500	4	88.9	0636-10-311 S501-23-051	191.0		0559-99-111 0559-23-200 0636-23-200 0750-23-200	5 5 5 5		
S5 T2500	4	88.9	S501-23-051			S501-23-200 S501-99-111	3		
YA	4	88.9				0559-23-200 0636-23-200 0750-23-200	5		
S2 E2200	4	88.9	1456-23-051	167.5		1456-23-200A 8259-23-200A	3 3		MZDKT0801 MZDKT0501
XB E2700	4	92.0	0527-23-051 0528-10-311	191.0	S	0528-23-200 0553-23-200A V101-23-200	5 5 3		MZDKT0601 MZDKT0902
ZB E4100	6	92.0	0528-10-311 V101-23-051	191.0		0528-23-200 V101-23-200	5 3		MZDKT0601 MZDKT0902
WL	4	93.0	WL01-23-051	167.5		WLY3-11-SA0C WLY5-11-SA0B	3 3	Y Y	
WL-T	4	93.0	WL01-23-051	167.5		WLY1-11-SAOA WLY8-11-SAOB	3		Y Y
WL-CT	4	93.0	WL01-23-051	167.5		WLYE-11-SAO WLYE-11-SAO	3		Y Y
HA E3000	4	95.0	SE01-23-051 1363-23-51	189.0		1363-23-200	3		MZDKT0901
HA T3000	4	95.0	SE01-23-051	189.0		SE01-23-200A	3		MZDKT0901
W9	4	95.0	1363-23-051 1363-23-051A			W9Y1-11-SAO	3		

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LINER, PISTON & KIT



KUAN KUNG MACHINERY CORP.

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MITSUBISHI

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston			Liner Kit Or Remarks
			No.	L	Code	No.	Ring	Al	CH

G11B	4	69.5				MD030312	3		
2G23	2	70.0				MD019851	3		
G23B	2	70.0				MD097640	3		
G13B	4	71.0				MD074677	3		
4G13	4	71.0				MD099759	3		
						MD148167	3		
4G42	4	71.0				MD010690	3		
						(MD011946)			
						MD011236	3		
4G33	4	73.0	ME009380			MD002710	3		
						(MD002851)			
						MD009580	3		
						(MD009581)			
G33B	4	73.0				MD009541	3		
4G36	4	73.0	ME009380			MD000796	3		
						MD009561	3		
G33B	4	73.0				MD106535	3		
G12B	4	74.0				MD030322	3		
4G31	4	74.5				MD002675	3		
G15B	4	75.5				MD074715	3		
G15	4	75.5	11012-28500			MD099770	3		
2G24	2	76.0				MD018248	3		
4G15	4	76.0				MD148157	3		
						(MD320295)			
4G41	4	76.5				MD010670	3		
						(MD011176)			
4G41R	4	76.5				MD011941	3		
G32B	4	76.9				MD009521	3		
4G32	4	76.9				MD004767	3		
						(MD008861)			
						MD004670	3		
						(MD004761)			
						(MD008851)			
G32T	4	76.9				MD074471	3		
						MD079158	3		
4G32	4	76.9				MD105495	3		
G32B	4	76.9				MD100405	3		
4DQ30	4	77.0				30417-70100	3		
2G25	4	78.0				MD066577	3		
JH4	4	79.4	JM60332	206.0					
4G62	4	80.6				MD040571	3		
G37B	4	80.6				MD074210	3		
G62BT	4	80.6				MD040471	3		
						MD074221	3		
4G37	4	80.6				MD100416	3		
4D65	4	80.6	ME127022			MD061985	3		
			MD158963						
4D65T	4	80.6	ME136682			MD072264	3		
						MD131615	3		
4D65T	4	80.6	ME136682			MD131615			

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MITSUBISHI

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	AI	CH	
4G51	4	81.0				MD023031	3			
S3E9	4	82.0				34617-00100	3			
4DQ1	4	82.0	30607-20301	162.5		30617-20109	4			
4D68	4	82.7	MD171196 MD181195			MD194163				
4D68T	4	82.7	MD171196 MD181195			MD194157				
4DQ5	4	84.0	30607-50301 (30607-50401)	163.0	S	30617-57105 30617-62100				MFDKT6500 MFDKT6700
4G52	4	84.0	MD021000			MD021000 (MD021058)	3			
G52B	4	84.0				MD021192	3			
KE47	4	85.0				MD013924	3			
G63B	4	85.0				MD040591 MD040821	3 3			
G63T	4	85.0				MD041641	3			
G63B	4	85.0				MD100372	3			
4G63	4	85.0	MD105500			MD129942 MD194365	3			
4G64	4	86.5				MD105377 MD068759	3 3			
4G53	4	88.0	MD103648/9			MD024921	3			
G54B	4	91.1				MD024947 (MD024991) (MD026861) MD061248 (MD128450)	3 3			
4G54	4	91.1				MD080394	3			
G54B	4	91.1				MD026921 MD071172 MD026871	3 3 3			
4D55	4	91.1	MD050430 MD050243 MD103648	165		MD050021 MD103318	3			
4D55T	4	91.1	MD050430 MD050243 MD103648	165	S	MD050011 MD182601 MD103308	3			
4D56	4	91.1	MD050430 MD050243 MD103648	168		MD304748 MD304835 MD304839	3			
4D56T	4	91.1	MD050430 MD050243 MD103648 MD168963	168		MD103308 MD182607 MD304850 MD301853 MD301859	3			
4D57	4	91.1	MD050430 MD050243 MD103648							
6G72	6	91.0				MD194548 MD158317 MD119671(R)	3 3 3			

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MITSUBISHI

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston			Liner Kit Or Remarks
			No.	L	Code	No.	Ring	Al	CH

						(MD152563(L))			
4DR5	4	92.0	31607-02202		S	31617-00106 ME002117	4		MFDKT4101
4DR51	4	92.0	31607-02202		S	MD002044	4K		
6DR5	6	92.0	31607-02101		S	31617-00106 ME002044	4		ME999054
6G74	V6	93.0				MD189498	3		
S4FT	4	94.0				36717-09100	3H		
S4S	4	94.0	32407-00300			32A17-00100	3H		
S4E	6	94.0	34407-00301			34417-04100 34417-20101			MFDKT7300
6DS1	6	95.0	ME020306	191.2		ME023255			ME023254
6DS3	6	95.0	ME021841			ME023267			ME023266
4DR7	4	95.0	ME997798	180	S	ME021861	3K		
4M40	4	95.0	ME201780 ME200622	186		ME200680/1/2 ME201780/1/2			
4M40T	4	95.0	ME201780 ME200622	186		ME203223/4/5			
4M40T	4	95.0	ME201780 ME200622	186		ME200689			
4M42T	4	95.0	ME201780 ME200622	186		ME190906 ME190903			
S4E2	4	98.0	34407-05400	168.5		34417-54100	3H		
S6E2	4	98.0	34407-05400	168.5		34417-54100			
S4F	4	98.0	34407-05400	168.5		36717-41100			
6DS3	6	98.0	ME021841 ME020306	201.2		ME023067 ME023255			ME023266 ME023254
6DS5	6	98.0	ME020316	191.2		ME023262			ME023261
6DS7(O)	6	98.0	ME021843/1	201.2		ME024402 ME023274-03	3		ME024019
6DS70C (N)	6	98.0	ME029187 ME029081	206.2		ME024402	3		MFDKT5904
4D30	4	100.0	ME011513 (ME011523)	196.5	S	ME012051 (ME012090) ME012065 ME012000/1 ME012115	3 3 3 3		MFDKT4201
4D31	4	100.0	ME011604/06 ME011523 (ME011625)	191	S	ME012131 ME012906 ME012889	3 3 3		ME999709
4D31 (4D31T)	4	100.0	ME011604/06 ME011523 (ME011625)	191	S	ME012145 ME012906 ME012155 (ME012160)	3		KK012155
4D31T	4	100.0	ME011604/06 ME011523 (ME011625)	191	S	ME012135 ME012858	3 3 3		MFDKT6900
6D31	6	100.0	ME011604/06 ME011523 (ME011625)	191	S	ME012889	3		ME999709

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MITSUBISHI

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	AI	CH	
6D31T	6	100.0	ME011604/06 ME011523 (ME011625)	191	S	ME012858	3			MFDKT6900
S4K	4	102.0	34307-00500/01	196	S	34317-21100				
S6K	6	102.0	34307-00500/01	196	S	34317-21100				
S6KT	6	102.0	34307-00500/01	196	S	34317-21100				
4D32	4	104.0	ME012900	197	S	ME012174	3			
4D32	4	104.0	ME012900	197	S	ME018277	3			
4D32	4	104.0	ME012900	197	S	ME018274	3			ME996388
4D34	4	104.0	ME013366 (ME013367)	200	S	ME012900/01 ME012928	3			MFDKT6902
4D34T	4	104.0	ME013366	200	S	ME014160	3			
4D34T	4	104.0	ME013366	200	S	ME013325	3			
4D34T	4	104.0	ME013366	200	S	ME011143 ME220470	3 3		Y Y	
4D36	4	104.0	ME012900	200		ME018283				
6D34T	6	104.0	ME013366	200	S	ME014160	3			
6D10	6	105.0	ME031502~4 ME031039			ME032194 (ME032300)	3			MFDKT0801
6D11	6	105.0	ME031505~7			ME032301	3			MFDKT0901
4D33	4	108.0	ME013369 ME013333	200		ME012897 ME013312	3			
4D33	4	108.0	ME013369 ME013333	200		ME018280	3			
4D35	4	110.0	ME013678	200		ME014693 ME018825				
4D35T	4	110.0	ME013678	200		ME014693 ME018825				
6D14	6	110.0	ME031617(NEW) ME031453 ME031870 ME032619 ME071198	206		ME032216/98 (ME032531) (ME032619/21) ME032656 (ME033916) ME072042 ME072024 ME072022 ME072172 ME032626	3 3 3 3 3 3 3			MFDKT5905 ME999442 KK032626 MFDKT5605
6D14T	6	110.0	ME071174 (ME071178,79,80)	206		ME032742 ME072170 ME032569	3			KK032742 ME997452 ME997080 ME999115
6D14T (2AT)	6	110.0	ME071175 (ME071198,99,200)	206						
6D14 (3AT)	6	110.0	ME031617 ME031637	211		ME032669 ME072047				ME999441
6DB1(O)	6	110.0	ME040040	270		300177-0102 30017-90100 30017-97100	4			30094-01100 30094-02100 30094-02600
6DB1(N)	6	110.0	30007-62200 30007-62200	270		30017-99100				31194-00402

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MITSUBISHI

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	Al	CH	
6D15	6	113.0	ME031655~57 ME031656 ME031657 ME071041	206		ME072033 (ME072035) ME032595 ME032593 ME032661 ME033934	3 3			MFDKT6201 MFDKT6301 MFDKT6600
6D15T	6	113.0	ME031063 ME031064 ME031065	211		ME032870/1 ME072055				MFDKT6002 ME997463
6D153AT	6	113.0	ME047574 ME071086~9 ME071090~2 ME071145	211		ME072055				
6D16	6	118.0	ME071225 ME071128 ME071224	205	B	ME072000 ME072002				
6D16N	6	118.0	ME071225 ME071128 ME071224	205	B	ME072062 ME072064				ME999923 MFDKT7400
6D-16T	6	118.0	ME041105	206	B	ME072065				ME999945
6D-16T	6	118.0	ME041105	206	B	ME300199			Y	
6D163AT	6	118.0	ME041105	206	B	ME072570			Y	
6D163AT	6	118.0	ME041105	206	B	ME072549			Y	
6D17	6	118.0	ME071538-43	209	B	ME072374				
6M60	6	118.0		211	B	ME131943			Y	
4M51	4	118.0		190		ME240047 ME240316		Y		
4M51T	4	118.0		190		ME241686 ME241688		Y	Y	
6D-20	6	125.0	30907-10500 ME051554	261.5		ME052469	3HK			ME999317
6D-20 (6D21)	6	125.0	30907-10500 ME051554	261.5		30907-10103 30907-10101	3K			MFDKT4501
6D-22	6	130.0	ME051217 ME051104 ME051221 (ME051633) (ME051500~3)	262		ME052447 ME052939 ME052902				MFDKT4302 ME997306 ME999443
6D22T	6	130.0	ME051217 ME051104 ME051221 (ME051633) (ME051500~3)	262		ME052792 ME052791 ME052664/5				ME997031 ME997122 ME999594
6D223AT	6	130	ME051217 ME051104 ME051221 (ME051633) (ME051500~3)	262		ME052792				
6D24	6	130.0	ME152654	262		ME151395 ME151399 ME151400~1				

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MITSUBISHI

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	Al	CH	
6D24T	6	130.0	ME152654	262		ME151409 ME158096			Y	
6D24T	6	130.0	ME152654	262		ME152652			Y	
6D24T	6	130.0	ME152654	262		ME151416			Y	
6D24T	6	130.0	ME152654	262		ME153081			Y	
6DC2 (NEW)	6	130.0	31207-72603 (31207-72503)							
8DC2	8	130.0	31207-43402 (30207-02202) ME062526			31117-14102 31217-77101				31294-51015 ME999331
8DC2N	8	130.0	ME062526			31217-77101				31294-71070
8DC4	8	130.0	31207-43402 (30207-02202) ME062526			31217-50106 ME062273				31294-51023 ME999145
8DC7	8	130.0	31207-43401 (30207-02202) ME062526			ME062280				ME999147
8DC6 (OLD)	8	135.0	31207-63202 ME062379			31217-64104 31217-78101				31294-65052 MFDKT6001
8DC8 (OLD)	8	135.0	31207-63202 ME062379			31217-67106 31217-68104 ME062287				31294-66065 31294-66073 ME999148
8DC6(N)	8	135.0	31207-72104	Cr						
8DC8(N)	8	135.0	31207-72104	Cr						
8DC81	8	13.50	ME062379			ME062422				MFDKT4601
8DC82	8	135.0	ME062379			ME090132 ME090717				MFDKT6300 ME997013
8DC9	V8	135.0	ME062602~4 ME061141	Cr		ME062408	4			MFDKT5604
8DC91A	V8	135.0	ME062602~4 ME061141			ME090132 (ME090134)	3			
8DC91	8	135.0	ME062602~4 ME061141			ME091048 ME090139				ME997303 MR999507
8DC91T	8	135.0	ME062602~4 ME061141			ME090166				ME997134
8DC9T	8	135.0	ME062602~4 ME061141			ME065579				ME999435
8DC92	8	135.0	ME062602~4 ME061141			ME091048 ME091851				
8DC93	8	135.0	ME062602~4 ME061141			ME093424				
12DH	12	135.0				32317-00103	4			
S6B	6	135.0	36207-12100			36217-30101 36217-30700 36217-70700	4 4 4			
S6B2	6	135.0	34A07-2210			34A17-00200	4			
S6BFMTK	6	135.0				36217-41200	4			
S6B3	6	135.0				34A17-00200				
6D40	6	135.0	ME120028			ME120684	3		Y	ME997307
6D40T	6	135.0	ME120028			ME121199	3		Y	

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NISSAN

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston			Liner Kit Or Remarks
			No.	L	Code	No.	Ring	Al	CH

MA10	4	68.0				12010-01B01 (12010-01B02)	3		
MA12	4	71.0				12010-16B61	3		
J13	4	73.0	R010-H10000			12010-13201 (12010-B5101)	3		
A10	4	73.0				12010-18021 (12010-H2301) (12010-H2361)	3		
A12	4	73.0	11012-H1000 11012-B3200	S		12010-H1001 (12010-H1011) (12010-H1061)	3		
A13	4	73.0				12010-H6201 (12010-H6211)	3		
D11	3	73				1210-H2361			
E10S	4	73.0				12010-41M02	3		
GA14	4	73.6				12010-87A61	3		
A12S	4	73.0	11012-H1000			12010-H8511 (12010-H8521)	3		
A12	4	73.0	11012-H1000			12010-H9012 12010-H9022	3 3		
A12A	4	73.0	11012-H1000			12010-H9502 (12010-H9512)	3		
A14	4	76.0	11012-H7200	S		12010-H7201 (12010-H7211) (12010-H7711)	3		
A14S	4	76.0	11012-H7200			12010-H7511 (12010-H7521) (12010-H7685) 12010-H8911/21 (12010-H8931) (12010-H9221)	3 3		
A14	4	76.0	11012-H7200			12010-H7684 12010-H8702	3 3		
A15S	4	76.0	11012-H7200			12010-G3411 (12010-G3421) (12010-H9261)	3		
A15	4	76.0	11012-H7200			12010-H9704 12010-H9714 12010-H9802	3 3 3		
E13S	4	76.0				12010-01M02 (12010-01M12) 12010-01M22	3 3		
E15S	4	76.0				12010-11M02 (12010-11M12) (12010-19M02)	3		
E15	4	76.0				12010-19M22 (12010-73A22) 12010-11M22 (12010-13M02) (12010-13M22) 12010-15M02	3 3 3 3 3		

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KUAN KUNG MACHINERY CORP.

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Tel: 886-4-23350037~39 Fax: 886-4-23350036 Email:kuan.kung@msa.hinet.net

NISSAN

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	Al	CH	
E15T	4	76.0				12010-17M12	3			
E15	4	76.0				12010-31M02	3			
E16	4	76.0				12010-33M22	3			
A13	4	76.0				12010-H8661	3			
GA16S	4	76.0				12010-94M61	3			
GA16DS	4	76.0				A2010-74Y00	3			
J14	4	76	32606-18000							
J15	4	77.95	11012-B3000	S		12010-01W02/12	3			
J16			11012-13200			(12010-E3002)				
L20	6	77.95				12010-E3001	3			
L20A	6	77.95	12033-73042 12033-01200 12033-Y7000 12033-Y7010 12033-Y7011			12010-F5112 (12010-Y7002) (12010-Y7012) 12010-Y4002 (12010-Y6402/12) (A2010-E3019)	3 3 3			
L20T	6	77.95				12010-V0301	3			
L20	6	77.95				12010-V0301	3			
L20E	6	77.95				12010-03L02 (12010-14S01)	3			
L20	6	77.95				12010-15S02 (12010-15S12)	3			
VG20	V6	77.95				12010-V5101	3			
VG20ET	V6	77.95				12010-V5311	3			
CA16	4	77.95	12033-55M00			12010-06E01/11 (12010-D1101/11)	3			
RB20E	4	77.95				12010-55S01	3			
CD17	4	80.0	11012-16A02 11012-16A00			12010-16A02 12010-17A02 12010-17A04 12010-71A02	3 3 3 3			
J18	4	80.5	12033-N7900 12033-24W00			12010-J22G0	3			
L13	4	83.0				12010-22001 (12010-22101)	3			
L14	4	83.0				12010-H2701 12010-H2711 12010-69811 12010-H2501 (12010-H2511)	3 3 3 3			
L13	4	83.0				12010-U8772	3			
L13,L14, L16T	4	83.0	11012-21000	S		12010-A8601 (12010-A8612)	3			
L16	4	83.0	11012-U2000			12010-23002 (12010-E3101) 12010-A9601 (12010-A9611) 12010-A3501 (12010-A3512)	3 3 3			
Z16	4	83.0				12010-W7111	3			
CA18	4	83.0				12010-01F01/11	3			

Code: S=Semi-Finish, F=Finish, All=S&F, B=Blacking (Phosphated), Cr=Chromed, F=Phosphated
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NISSAN

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston			Liner Kit Or Remarks
			No.	L	Code	No.	Ring	Al	CH

						(12010-D0301) (12010-D1201)			
CA18ET	4	83.0				12010-17F11	3		
Z16	4	83.0				12010-W7161	3		
L23	6	83.0				12010-69811	3		
L24	6	83.0				12010-E3111	3		
L24E	6	83.0				12010-A8601 (12010-A8612)	3		
L24S	6	83.0				12010-27L02	3		
L24	6	83.0				12010-H2501 (12010-H2511)	3		
L24E	6	83.0				12010-W2402 12010-W3102	3 3		
L26	6	83.0				12010-23002 (12010-E3101)	3		
SD22	4	83.0	11012-76200 11012-76201 11012-76202			12010-R8110 12010-36W10 (12010-R8111) 12010-J5310 (12010-Y1411) (12010-Y5210 (12010-Y5211) 12010-Y5212 12010-J5312	3 3 5 5		NDDKT3001 NDDKT0401 NDDKT2201 NDDKT0301 NDDKT2401 NDDKT2301
SD33 SD33T	6	83.0	11012-76200 11012-76201			12010-C8602 12010-C8701	3		
CA20S	4	84.5				12010-D1801	3		
CD20	4	84.5	11012-57J00			12010-57J00 A2010-57J01 A2010-8E100			
CA20	4	84.5	11012-U8501			12010-04F01 (12010-04F11) (12010-10F01) 12010-13E11	3 3		
LD28	6	84.5	11012-V0702			12010-V0702 (12010-V5702) 12010-V0762 (12010-W2502)	3 3		
G16	6	85.0				12010-R3001 (12010-R3011)	3		
G18	4	85.0				12010-78508 (12010-78515) 12010-R3301	3 3		
L18	4	85.0	11012-U2000 11012-78500			12010-A8701 (12010-W2000) 12010-A8711 (12010-W0801) (12010-W0811) 12010-U2021	3 3		
L20(B)	4	85.0	11012-U6000	S		12010-U6001 (12010-U6011)	3		

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NISSAN

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston			Liner Kit Or Remarks
			No.	L	Code	No.	Ring	Al	CH

						12010-04W01	3		
Z18	4	85.0				12010-N8301/11 (12010-S5801) (12010-W0421/11) 12010-W1501 (12010-W1511)	3		
Z20	4	85.0	11012-U6000			12010-W1411 (12010-W1421) (12010-W1461) 12010-W4001 12010-82W01	3		
Z20S	4	85.0	11012-U6000			12010-N85010 12010-N85011 (12010-N8521) (12010-N8701) 12010-N8711	3		
Z20	4	85.0	11012-U6000			12010-N8411 12010-N8421 12010-V2801	3		
LD20	4	85.0	11012-V2801 11012-N8411 11012-A8701			12010-18L02 12010-W1702 12010-W1762	3		
LD20T	4	85.0	12033-W4200			12010-W3402	3		
LD20(N)	4	85.0	11012-W1702 11012-W1700 11012-W1000			12010-G5502 12010-G5562	3		
RD28	6	85.0	11012-22J64 11012-22J17			12010-22J64 A2010-V7213	3		
RD28T	6	85.0	11012-22J64 11012-22J17			A2010-VB300			
P680	6	3-3/8 85.69	11012-58000			12010-58000 (12010-58022) 12010-58100 (12010-80000) (12010-C8010)	3		
L28E	6	86.0				12010-Y4111 (12010-Y4121) 12010-Y8602 (12010-Y8612) 12010-P7902 (12010-P7912)	3		
L28S	6	86.0				12010-C6412	3		
L28	6	86.0	11012-N4200			12010-P9012	3		
RB26	V6	86.0				A2010-05U11	3		
RB24S	6	86.0				12010-76L01	3		
SR20DE	4	86.0				A2010-63J00	3		
SR20DET	4	86.0				A2010-54C00	3		
RB30	6	86.0				12010-67S11 (12010-67S21)	3		
RB20E	4	86.0							
YD22	4	86.0				A2010-AW400			

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NISSAN

Liner, Piston & Kit

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			No.	L	Code	No.	Ring	Al	CH

						A2010-4U166 A2010-8H800				
Z22S	4	87.0	11012-06W11			12010-06W11	3			
Z22	4	87.0	11012-U8001			12010-D8101	3			
VG30	V6	87.0				12010-V5901 (12010-V7101)	3			
VG30E	V6	87.0				12010-21P61 A2010-10G61 12010-V7161	3 3 3			
VG30ET	V6	87.0				12010-02P01 (12010-03P01)	3			
VG30DE	V6	87.0				A2010-96E00	3			
H20	4	87.2	11012-14600	S		12010-74001 (12010-R9001) 12010-74501	3 3			
U20	4	87.2				12010-25511	3			
G20	4	89.0				12010-E6831 12010-E6621	3 3			
FJ20ET	4	89.0				12010-R2201	3			
Z24	4	89.0	11012-10W01 11012-30W01			12010-83W01 12010-30W01	3 3			
KA24E	4	89.0				12010-86G20	3			
KA24	4	89.0				A2010-30R12	3			
SD23	4	89.0	11012-L2002 11012-L2003 11012-L2000 11012-L2006			12011-09W01 12010-T6202 12010-T6212 (12010-T6272) 12011-09W01 (12010-29W00) (12010-6203/13/73) 12010-T6205 12012-T6203	3 3 3			NDDKT3101 NDDKT3201 NDDKT3801
SD25	4	89.0	11012-L2002 11012-L2003 11012-L2000 11012-L2006			12011-L2002 (12010-L2012) (12010-L2072) 12010-T7210 (12010-T7211) 12011-T7200 12011-T7204 12011-T7205	3 3			11000-L2000 NDDKT3401 NDDKT4101 NDDKT3002
TD23	4	89.0	11012-02N10 11012-29W00 12033-02N10 12033-02N00 11012-02N01			12011-02N01 (12010-02N11) 12010-02N06/7 (12010-02N16/7)	3 3			
YD25	4	89.0				A2010-VK510 A2010-VK515/6				
BD25	4	92.9	11012-44G10 11012-44G40			12010-87G11	3			
TD25	4	92.9	11012-44G10 11012-44G40			12011-44G10				KK1201144G10

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NISSAN

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston			Liner Kit Or Remarks
			No.	L	Code	No.	Ring	AI	CH
TB42	4	96.0				12010-03J61	3		
TD27	4	96.0	11012-43G00 11012-43G05 11012-43G10 11012-43G11 11012-43G20	160.0		12011-43G01 12010-43G02/12 12011-10T02/12	3 3		NDDKT3427
TD27	4	96.0	11012-43G00 11012-43G05 11012-43G10 11012-43G11 11012-43G20	160.0		12010-6T000/10	3 3		
TD27T	4	96.0	11012-43G00 11012-43G05 11012-43G10 11012-43G11 11012-43G20	160.0		12010-05D00 12010-05D10 12010-31N02 12010-31N03 12010-31N12 12010-31N13			
TD27II	4	96.0	11012-43G00 11012-43G05 11012-43G10 11012-43G11 11012-43G20	160.0		A2010-9C626 12010-7F406 A2010-7F406 A2010-7F407 A2010-7F408			
TD27T	4	96.0	11012-43G00 11012-43G05 11012-43G10 11012-43G11 11012-43G20	160.0		12010-10T05			
TD42	6	96.0	11012-06J00/10	160.0		12011-43G01 12010-43G02/12 12011-10T02/12	3		NDKT4301G06
TD42	6	96.0	11012-06J00/10	160.0		12010-6T000/10	3		NDKT0610J0
TD42T	6	96.0	11012-06J00/10	160.0		12010-05D00 12010-05D10 12010-31N02 12010-31N03 12010-31N12 12010-31N13	3		
TD42T	6	96.0	11012-06J00/10	160.0		12010-10T05	3		
TD42	6	96.0	11012-06J00/10	160.0		A2010-9C626 12010-7F406 A2010-7F406 A2010-7F407 A2010-7F408	3		
BD30	4	96.0	11012-54T00	172.4		12010-54T00/10	3		
BD30T	4	96.0	11012-54T00	172.4		12010-69T05/06	3K		
ED30	4	98.0	11012-J2000/01	184.5		12010-J2000 (12010-J2001) 12010-J5571	4 4 3		11000-J2000
QD32	4	99.2	11012-25611 11012-2S611	155.0		12010-2S605	3		
QD32T	4	99.2	11012-25611	155.0		12010-2S615			

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NISSAN

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston			Liner Kit Or Remarks
			No.	L	Code	No.	Ring	Al	CH

ED33	4	100.0	11012-2S611 11012-T9000 11012-T9001	191.0		12011-T9000/01 12010-J6500/01 12010-T9010/20 12010-02T10	3 3 3 3			NDDKT2601
FD33	4	100	11012-02T00/01 11012-02T10	191.0		12011-T9313	3			
FD33T	4	100.0	11012-02T00/01 11012-02T10 11012-T9000 12033-T9302 12033-T9308	191.0		12011-T9313 12011-T9314 12010-T9300	3			NDDKT3701 (NDDKT3901)
ED6	6	100.0	11012-Z5001/02 11012-Z5012	212.0		12011-Z5000/02				11000-Z5026
FD6	6	100.0	11012-Z5020 11012-Z5001 11012-Z5512	217.0		12011-Z5572 12011-Z5571 12011-Z5505 12011-Z5573 12011-Z5502 12011-Z5512 12011-Z5516 12010-Z5576	3 3			11000-Z5031 11000-Z5058 11000-Z5057 11000-Z5061 NDDKT2701 NDDKT2801 NDDKT2501 NDDKT4300
FD6T	6	100.0	11012-Z5001 11012-Z5502 11012-Z5020 11012Z5100 11012-Z5512	217.0		12011-Z5509 12011-Z5513 12011-Z5509 12011-Z5572 12010-Z5600	3			11000-Z5029 11000-Z5059 11000-Z5030 11000-Z5060 NDDKT4100
FD35	4	102.5	11012-01T13 12033-01T10 11012-01T14 11012-01T01	191.0		12010-01T04/14	3			
FD35T	4	102.5	12033-01T60 11012-01T01	191.0		12010-01T03/13	3			
ED35	4	102.5	11012-01T01 12033-56T10	191.0		12010-56T12	3			
FE6	6	108.0	11012-Z5518 11012-Z5604	217.0		12011-Z5618/15 12011-Z5801				NDDKT4200 11000-Z5525
FE6TA	6	108.0	11012-Z5518 11012-Z5604	217.0		12011-Z5507				11000-Z5529
FE6B	6	108.0	11012-Z5518 11012-Z5604	217.0		12011-Z5764 12011-Z5768				11000-Z5625
FE6T	6	108.0	11012-Z5518 11012-Z5604	217.0		12011-Z5502				
FE6T	6	108.0	11012-Z5518 11012-Z5604	217.0		12011-Z5968				
FE6T	6	108.0	11012-Z5518 11012-Z5604	217.0		12011-Z5772				
FE6T	6	108.0	11012-Z5518 11012-Z5604	217.0		12011-Z5716				
FE6T	6	108.0	11012-Z5518 11012-Z5604	217.0		12011-Z5780				

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			No.	L	Code	No.	Ring	AI	CH	
FE6T	6	108.0	11012-Z5518 11012-Z5604	217.0		12011-Z5795				
FE6T	6	108.0	11012-Z5518 11012-Z5604	217.0		12011-Z5567				
FE6T	6	108.0	11012-Z5518 11012-Z5604	217.0		12011-Z5512 12011-Z5609				
FE6T	6	108.0	11012-Z5518 11012-Z5604	217.0		12011-Z5799				
FE6T	6	108.0	11012-Z5518 11012-Z5604	217.0		12011-Z5788				
FD42	4	108.0	11012-0T000	197.0		12010-0T015 12010-0T016				
FD46	4	108.0	11012-0T300	213.5		12010-0T302 12010-0T312				
FD46T	4	108.0	11012-0T300	213.5		12010-0T311 12010-19D00				
UD3 ~ UD8	3 ~ 8	110.0	11012-90006			12010-90000	6			
ND6	6	110.0	11012-95001			12011-95000	3			11000-95026
ND6T	6	110.0	11012-95001			12011-95004	3			11000-95029
NE6	6	110.0	11012-95002			12011-95010 12011-95073 12011-95105	3 3			11000-95027 11000-95028 KK1201195105
NE6T	6	110.0	11012-95002 11012-95064			12011-95062 12011-95074	3			KK1201195062 11000-95128
NF6T	6	120				12011-95512				
PD6	6	125.0	11012-96000/01			12011-96000 12011-96007 12011-96008	3			11000-96028 11000-96027
PD6T	6	125.0	11012-96000/01 11012-96067			12011-96005 (12011-96009) 12011-96013	3			11000-96029
PE6	6	133.0	11012-96500/01			12011-96516 12011-96570 12011-96508	3			11000-96125 11000-96129
PE6H	6	133.0	11012-96501 11012-96566			12011-96517 12011-96518				11000-96128 KK1201196518
PE6T	6	133.0	11012-96501 11012-96566 11012-96566 11012-96501T			12011-96565 12011-96578 12011-96564 12011-96572 12011-96509	3			11000-96127 11000-96328 11000-96127 KK1201196572
PE6TB	6	133.0	11012-96607			12011-96600				
PF6	6	133.0	11012-96607							
PF6T	6	133.0	11012-96607			12011-96964 12011-96576 12011-91690 12013-96669				
PF6TB	6	133.0	11012-96607			12011-96504				
RD8	8	135.0	11012-97025			12011-97079	3			11000-97026

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[illegible][illegible]

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KOMATSU

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	AI	CH	

4D92	4	92.0	6140-21-2211	185.0		6140-31-2113	3K			KODKT1501
4D94	4	94.0	6144-21-2211 6142-22-2211	181.0		6142-32-2110	3			
4D94	4	94.0	6144-21-2211 6142-22-2211	181	F	6142-32-2120	3			
4D94	4	94.0	6144-21-2211 6142-22-2211	181	F	5142-31-2111	3			
4D94E	4	94.0		181	S	129901-22081	3			
4TNE94	4	94.0		181	S	129900-22080	3			
4TNV94	4	94.0		181	S	129906-22080	3			
4D95	4	95.0	6207-21-2110 (6207-21-2120)	180.0		6204-31-2111 6204-32-2151 6204-33-2130 6204-33-2140	3 3H 3 3			
4D95	4	95.0	6207-21-2110 (6207-21-2120)	180.0		6204-31-2121	3			
4D95	4	95.0	6207-21-2110 (6207-21-2120)	180.0		6201-32-2111 6201-32-2121	3 3			
6D95	6	95.0	6207-21-2110	180.0		6202-32-2130 6202-32-2140 6202-33-2150 6202-33-2130 6206-31-2110 6206-31-2120 6206-33-2140 6207-31-2121 6207-31-2131 6209-31-2110 6209-31-2120 6209-31-2150	3H 3 3 3 3 3 3 3K 3K 3K 3K 3K			
6D95	6	95.0	6207-21-2110	180.0		6207-31-2110 6207-31-2120	3K 3K			
6D95L	6	95.0	6207-21-2110	180.0		6207-31-2141 6209-31-2141	3K 3K			
6D95	6	95.0	6207-21-2110	180.0		6207-31-2180	3K			
S6D95	6	95.0	6207-21-2110	180.0		6202-33-2160	3K			
4D98E	4	98.0			S	139903-22081				
S6D102	6	102.0	6137-29-2110 6736-29-2110	200.0		6735-31-2110 6735-31-2140				
4D105	4	105.0	6130-22-2310 6136-21-2210 6110-21-2210	117.8		6130-32-2110 (6136-31-2112) 6136-31-2110 6130-31-2111 6130-31-2120	3 3 3 3	A		KODKT1401 KODKT0801 KODKT2001
S4D105	4	105.0	6136-21-2210 (6137-22-2210) 6130-22-2310	223.0		6131-31-2110 6131-31-2120 6131-32-2120	3K 3K 3K			KODKT1701
6D105	6	105.0	6137-21-2210	223.0		6136-31-2111	3	A		

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KOMATSU

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston			Liner Kit Or Remarks
			No.	L	Code	No.	Ring	Al CH	

			6136-21-2210 6136-21-2210			6136-31-2112	3	A	KODKT1301
6D105	6	105.0	6137-21-2210 6136-21-2210 6136-21-2210	223.0		6136-32-2110	3	A	KODKT1901
6D105	6	105.0	6137-21-2210 6136-21-2210 6136-21-2210	223.0		6137-31-2110	3	A	
S6D105	6	105.0	6137-21-2210 6136-21-2210 6136-21-2210	223.0		6137-32-2130	3K		KODKT2101
S6D108	6	108.0	6222-23-2220	219.5		6222-31-2210 6222-33-2110			
S6D110	6	110.0	6138-21-2210 (6138-21-2210) 6138-21-2211	225.0		6138-32-2120	3K		KK6138322110
S6D110	6	110.0	6138-21-2210 (6138-21-2210) 6138-21-2211	225.0		6138-32-2020	3K		
S6D110	6	110.0	6138-21-2210 (6138-21-2210) 6138-21-2211	225.0		6138-31-2010	3K		
S6D110	6	110.0	6138-21-2210 (6138-21-2210) 6138-21-2211	225.0		6138-32-2110	3K	A	
6D114	6	114.0	3919937						
6D114E	6	114.0	3919937			3923163			
4D120	4	120.0	6110-21-2212 6136-21-2210	293.0		6110-33-2131 6110-33-2132	3 3	A	KODKT1901
S4D120	4	120.0	6110-21-2212	293.0		6113-31-2110	3	N	
6D120	6	120.0	6110-21-2212			6151-31-2511	4		
6D125	6	125.0	6150-21-2221	256.5		6150-31-2110 6150-31-2111 6150-31-2112 6150-31-2113	3 3 3		
6D125	6	125.0	6150-21-2221	256.5		6151-31-2170 6151-31-2171	3K 3K		
6D125	6	125.0	6150-21-2221	256.5		6151-31-2150	3K		
S6D125	6	125.0	6150-21-2221	256.5		6151-31-2511			NEW IRON
S6D125	6	125.0	6150-21-2221	256.5		6152-31-2112			OLD IRON
S6D125	6	125.0	6150-21-2221	256.5		6152-32-2510			NEW IRON
4D130	4	130.0	6115-21-2211	293.0		6114-31-2111	3		KK6114322112
S4D130	4	130.0	6115-21-2211	293.0		6115-31-2112	3		
6D140	6	140.0	6211-21-2210	282.6		6210-32-2130 6212-31-2151	4		IRON Piston
S6D140	6	140.0	6211-21-2210	282.6		6212-31-2130 6211-31-2111			IRON Piston (W) IRON Piston (w)
S6D140	6	140.0	6211-21-2210	282.6		6212-31-2170			IRON Piston (a)

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KOMATSU

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston			Liner Kit Or Remarks
			No.	L	Code	No.	Ring	Al	CH

						6211-32-2110 6211-31-2111				IRON Piston IRON Piston (w)
S6D140	6	140.0	6211-21-2210	282.6		6217-31-2130				IRON Piston
6D155	6	155.0	6128-21-2214/5/6 6128-21-2222 6128-21-2211/2	327.0		6125-31-2102	4	A		
6D155	6	155.0	6128-21-2214/5/6 6128-21-2222 6128-21-2211/2	327.0		6128-31-2140	3K	A		
SA6D155	6	155.0	6128-21-2214/5/6 6128-21-2222 6128-21-2211/2	327.0		6127-31-2140	3K	A		
SA6-V170-1B	6	170.0	6162-23-2210	342		6164-31-2110				
SA6D170 (A-1B)	6	170.0	6162-23-2210	342		6162-33-2140 6162-33-2110 6162-33-2120				
IRON 170	6	170	6162-23-2210	342		6162-35-2120				IRON
IRON 170	6	170	6240-23-2210	324		6240-31-2111				IRON
COMMIS&KOMATSU										
6BT	6	102.0				6738-31-2111				
6CT	6	114.0	3919937		131					
6CT	6	114.0	3907792		133					
NH220	6	130.0	6610-21-2213	303.0		6620-31-2110	4K	A		KODKT1601
NRT0	6	130.0				6685-31-2111	4K			
NT06	6	130.0				6657-31-2110 6657-31-2111	4K 4K			
NH250	6	139.7	6710-21-2210	287						
NT855	6	139.7	6710-21-2210	287.0		6711-31-2110 6711-31-2010	4K			
NTA855	6	139.7	6710-21-2210	287		6710-31-2111	4K			
KT	6	158.75								

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TOYOTA

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	AI	CH	

1E	4	70.5			S	13101-10033	3			
2K	4	72.0	13011-12030 13011-12031 13011-12010		S	13101-12010	3			
2E	4	73.0	11461-11040		S	13101-11030 (13101-11090) 13101-11040 13101-11050 (13101-11051)	3 3 3			
3E	4	73.0			S	13101-11081	3			
4E	4	74.0			S	13101-11101				
1N	4	74.0	11461-55020		S	13101-55020	3			
3K	4	75.0	11462-24010 11461-13010		S	13101-24010/11	3			
4K-U 4K	4	75.0	11462-24010 11461-13010		S	13101-13020 (13101-13021) (13101-13022)	3			
1G-GEU	6	75.0			S	13101-88300	3			
1G-EU	6	75.0	11461-70010		S	13101-70010	3			
1G-G	6	75.0			S	13101-70020	3			
1G-GZ	6	75.0			S	13101-70040	3			
M	6	75.0	11462-41010	160.0	S	13101-41010	3			
2M	6	75.0				13101-41040 13101-42010 13101-41060 (13101-41061) 13101-41050 13101-41020 13101-41011	3 3 3 3 3 3			
2A	4	76.0			S	13101-14010 13101-14020	3 3			
2P	4	76.6	11462-21010		S	13101-21010	4			
3P	4	76.6	11462-23010	140.0	S	13101-23010 (13101-23011)	3			
4P	4	76.6	11462-23010	140.0	S	13101-78001 13101-96001	3			
1A	4	77.5			S	13101-15010	3			
3A	4	77.5	11461-15020 11461-15010		S	13101-15020	3			
2R	4	78.0	11462-31010		S	13101-31010 13101-31011	3			
5AF	4	78.7			S	13101-15040 13101-15050	3 3			
T	4	80.0	11461-25010		S	13101-25010 13101-25011 13101-25020	3 3 3			
4M	6	80.0	11461-45010		S	13101-45010 13101-45020 (13101-45021) 13101-45011	3 3 3			
12R	4	80.5	11462-31020	144.0	S	13101-31020	3			

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TOYOTA

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	AI	CH	

			11461-31020			(13101-31021) (13101-310220)				
1S	4	80.5	11461-31040		S	13101-63010 13101-63020	3 3			
5K	4	80.5	11461-13030		S	13101-13030 13101-13040	3 3			
4A-ELU	4	81.0			S	13101-16010	3			
4A-GEU	4	81.0			S	13101-16020 13101-16030	3 3			
4A-GE	4	81.0			S	13101-16070	3			
4A-FE	4	81.0			S	13101-16090	3			
4A	4	81.0	11461-16010		S	13101-16050	3			
4ASFI	4	82.5			S	13101-74071	3			
3E	4	83.0			S	13101-11081	3			
5M	6	83.0			S	13101-43020	3			
5M-GEU	6	83.0			S	13101-43040	3			
5M-G	6	83.0			S	13101-42030	3			
5M	6	83.0			S	13101-42040	3			
5M-GEU	6	83.0			S	13101-43041 13101-43051	3 3			
5M	6	83.0			S	13101-43010 (13101-43011) 13101-43030 (13101-43031)	3 3			
7M-GTEU	6	83.0			S	13101-42050	3			
7M-G	6	83.0			S	13101-42060	3			
1C	4	83.0	11461-64010 11461-64011		S	13101-64010 13101-64020	3 3			
1C-T	4	83.0			S	13101-64040	3			
1C	4	83.0	11461-64010 11461-64011		S	13101-64050 (13101-64100) 13101-64060 13101-64130	3 3			
2S	4	84.0			S	13101-74010 (13101-74011)	3			
21R	4	84.0	11461-37030 11461-37010		S	13101-37060 (13101-37061)	3			
21R-U	4	84.0	11461-37030		S	13101-37010	3			
21R-C	4	84.0	11461-37030		S	13101-37030	3			
21R	4	84.0	11461-37030 11461-37060		S	13101-37020 13101-37050	3 3			
2T	4	85.0	11461-26030 11461-26020 11461-26010		S	13101-26030 13101-26010 13101-26011	3 3 3			
2TU	4	85.0			S	13101-26031				
2TC	4	85.0			S	13101-26020				
2T-GR	4	85.0			S	13101-27021	3			
2T-J	4	85.0			S	13101-26040	3			
12T-U	4	85.0			S	13101-27030	3			
12T	4	85.0			S	13101-27040	3			

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TOYOTA

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	Al	CH	

3T 13T-U	4	85.0			S	13101-28010	3			
3T	4	85.0			S	13101-28020	3			
3T-GTEU	4	85.0			S	13101-88280	3			
13T	4	85.0			S	13101-18010	3			
						13101-18020	3			
4T-GTEU	4	85.5			S	13101-88283	3			
6R 7R 8R	4	86.0	11462-33010		S	13101-33010/2/3/4	3			
7RB 8RB	4	86.0			S	13101-33021 (13101-33024)	3			
1Y	4	86.0			S	13101-71010	3			
2Y	4	86.0	11461-72010		S	13101-72010	3			
3Y	4	86.0	11462-73010,20		S	13101-73010	3			
3S-GELU	4	86.0			S	13101-74030 (13101-74031)	3			
3S-FE	4	86.0			S	13101-74040	3			
2C	4	86.0	11461-64090 11461-64060 11461-64110		S	13101-64030 13101-64080 13101-64090 13101-64110	3 3 3 3			
2CD	4	86.0	11461-64090		S	13101-64141		Y		
2C-T	4	86.0	11461-64090		S	13101-64070 13101-64121 13101-64220 13101-64181	3 3 3 3		Y Y	
3C	4	86.0	11461-64150		S	13101-64150 (13101-64151) 13101-64210	3			
3CT	4	86.0	11461-64090		S	13101-64150				
1DZ	4	86.0	11461-78020 11461-78200		S	13101-78201 13101-78202				
1RZ	4	86.0	11462-75010		S	13101-75010				
3VZ	6	87.5			S	13101-62040				
3VZ-E	6	87.5			S	13101-65040 13301-65040	3			
3R	4	88.0			S	13081-40010				
5R	4	88.0	11462-40010	150.0	S	13101-44011 (13101-44012) (13101-44014) 13101-44015 13101-44020 (13101-44021) 13101-44016	3 3 3 3			
2J	4	88.0	11461-48011	184.0	S	13081-48011 13081-48010	5 5			
2J(O)	4	88.0	11461-48010	184.0	S	13081-48012/3 13101-48012/3	4 4			
2J(N)	4	88.0	11461-48011	184.0	S	13081-48015-1 13081-48015-2	3 3			TODKT1801A TODKT1801B

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TOYOTA

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston				Liner Kit Or Remarks
			No.	L	Code	No.	Ring	AI	CH	

						13081-48014 13081-47013				
2J(N)	4	88.0	11461-48011	184.0	S	13211-21910-71(A) (13221-21910-71(B))	3			
H	6	88.0	11461-48011 11461-48016	183.5	S	13081-47012 13081-47013 13101-47012 13101-47013	3 3			TODKT1501A TODKT1501B
18R	4	88.5	11461-34010		S	13101-34010 13101-34030 13101-34040	3			
18R-C	4	88.5			S	13101-88233 (13101-88252)	3			
16R	4	88.5			S	13101-36020 (13101-36030)	3			
20R	4	88.5	11461-34030 11461-38020		S	13101-38010 (13101-38020) 13101-38050 13101-38030	3 3 4			
F	6	90.0	11462-60010	188.0	S	13101-60010 13101-60011 13101-60020 13101-60030	4 4 4			
L	4	90.0	11461-54010 11461-54020 11461-54040	160.5	S	13101-54010 13101-54020 13101-54021 13101-54040 13101-54031	3 3 3 3 3			TODKT3001
4Y	4	91.0	11461-73010 11461-73011		S	13101-73030 13101-73040 13101-73031	3 3 3			
2H(N)	6	91.0	11461-68010	183.5	S	13081-68010 13101-68010/1	3			TODKT3002
2H(O)	6	91.0	11461-68010	183.5	S	13081-96601 13081-78601				
12H-T	6	91.0	11461-68010	183.5	S	13101-68020	3			
22R	4	92.0	11461-35020		S	13101-35010 (13101-35020) 13101-35030 (13101-35031) 13101-35050	3 3			
2L	4	92.0	11461-54060		S	13101-54060	3			TODKT-54060
2L II	4	92.0	11461-54070		S	13101-54070	3			TODKT54070
2L-T	4	92.0	11461-54060 11461-54070		S	13101-54050 13101-54030 13101-54080	3			TODKT54080
2L-T Late	4	92.0	11461-54060 11461-54070		S	13101-54090 (13101-54091) 13101-54111	3		Y	TODKT54090
2LT NEW	4	92	11461-54060		S	13101-54140 13101-54141	3		Y	TODKT54140

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TOYOTA

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston			Liner Kit Or Remarks
			No.	L	Code	No.	Ring	Al	CH

2KD	4	92.0			S	13101-30030 13101-30031	3			
2F	6	94.0	11462-61010		S	13101-61010 (13101-61011) 13101-61020	3 3			
3F	6	94.0			S	13101-61030	3			
3F-E	6	94.0			S	13101-61032	3			
1PZ	5	94.0	11461-17010	166.5	S	13101-17010	3			
1HZ	6	94.0	11461-17010 11462-17010	166.5	S	13101-17010 13101-17100	3	Y		
1HD-T	6	94.0	11461-17010	166.5	S	13101-17020 13101-17080	3			
1HD-T Late	6	94.0	11461-17010	166.5	S	13101-17040 13101-17060	3			
B(O) BU15	4	95.0	11461-56010		S	13101-56010,11 13101-56020,21	4			
B(N) BU20 BU30	4	95.0	11461-56020	190.0	SS	13101-56013 13101-56020 13101-56021 13101-56030 13101-56031	3 3 3 3 3			KK1310156031 TODKT2101
B NEW	4	95	11461-56020	190.0	S	13101-56050	3	Y		
11B OLD	4	95.0	11461-56030 11461-56060	190.0	SS	13101-56041 13101-56042	3 3			
11B Late	4	95	11461-56030	190.0	S	13101-56060		Y		
2RZFE	4	95.0			S	13101-75070				
2TZFE	4	95.0			S	13101-76041				
2RZE	4	95.0			S	13101-75020				
3RZFE	4	95.0			S	13101-75040				
2TZ	4	95			S	13101-95080				
1Z	4	96.0	11461-78360	182.5	S	13101-78300 13101-96300	3			KK1310189300 TODKT-78300
3L	4	96.0	11461-54100/1 11461-54090	160.5	S	13101-54100 (13101-54101)	3	Y		TODKT54100
1KZ-TE	4	96.0	11461-67030 11461-67020	170.0	S	13101-67030 13101-67020	3		Y	
1KZ-TE Late	4	96	11461-67030 11461-67020	170.0	S	13101-67050	3		Y	
1KD	4	96			S	13101-30020 13101-30060				
11Z	4	96	11461-78300 11461-78301		S	13101-78300 13101-96300				
12Z	4	96	11461-78300 11461-78301		S	13101-78360				
13Z	4	96	11461-78700		S	13101-78761				
2Z	4	98.0	11461-78400 11461-78700		S	13101-78700 13101-78771 13101-78702	3			
2B	4	98.0	11461-57010	190.2	S	13101-57011 13101-57020 13101-57022	3			TODKT1701

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EUROPE

LINER,PISTON & KIT

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston			Liner Kit Or Remarks
			No.	L	Code	No.	Ring	AI	CH

MACEDS BENZ

180D	4	75	SU453802						
190D	4	85	SU480601F						
200D	4	87	SU578403F						
OM312	6	90	SU477301F						
OM616	6	90.9							
OM321	6	95	SJ462801F						
OM352	6	97	SU607501F						
OM315	6	112	SU433901F						
OM326	6	128	SU518901F						
OM846	6	150							
OM360	6								
OM442	6								

LEYLAND

5.76LT	6	100.627	SJ198800N						
60.75LT	6	103.35	SJ518601NS						
6.17LT	6	104.183	SJ301001N						
6.54LT	6	107.21	HJ498400S						
4.22LT	6	111.125	SU498402						
7.391LT	6	111.125	SU351023						
9.8LT	6	121.935	HJ052201W						
11.1LT	6	127.015	SJ221502N						

PERKINS

4.108LT	4	79.375	SU553201						
P4/154	4	88.925	SU351027S						
P6	4	88.925	SU008900F						
P6/305	3/4/6	91.491	SJ546900N						
A4/203 43/152 A6/305	4/6	91.491	SJ546900N						
A/203 A3152	3/4/6	91.491	SU530201F						
4.236	4	98.47	SU569200S						DIESEL
A4/236	4	98.47	SJ529200S		F				
6.354	6	98.47	SU528101						DIESEL
4.248	4	101.05	SU351026						DIESEL
V8 510	8	107.95	SJ3510242S						
A4, 5.2LT	4	114.313	SU351025S						

INTERNATIONAL

FAJMAIL MD. MDV 1DC	1	76.2	SU498601F						
1942/9	1	80.0	SJ112902WRI						
1D9 OD9	1	80.101	SU625101						
WD9	1/2	87.465	SU617001						Super Series
DT358									
DT466									

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3064 3066	4/6	101.6	5I7523						
3114 3116	4/6	104.78	7C6208						
C7	4/6	110.0							
D330 D6C	4/6	114.3	3S1850-X						
3208/3160	4/6	114.3	9N6275						
D333/D334 3306 1673C	4/6	120.65	2P8889-X						
C13	6	130.0							
D343	4/6	137.16	7N734						
3406	4/6	137.16	2W6000						
C15	6	137.16							
C16	6	139.7							
C17	6	145.0							
D339	4/6	146.05	SN9174						
D399	6/8	158.75	8N9174						

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PWC (Personal Water Craft) SERIES

Sleeve

ITEM	DESCRIPTION	REF.	JETSKI.AU	SBT NO.	REMARK
S1	SEADOO 587(580)		580	44-101	
S2	SEADOO 587 WHITE			44-102	
S3	SEADOO 657		650	44-103	
S4	SEADOO 720		720 (95-96)	44-105	
S5	SEADOO 800		785	44-107	
S6	SEADOO 947(951)		951	44-108	
S7	SEADOO 951 SILVER			44-109	
S8	SEADOO 800 RFI			44-110	
S8	SEADOO 951 DI2002			44-111Z	
S9	SEADOO 4-TEC	4-STROKE		44-112	
K1	KAWASAKI 440			44-201	
K2	KAWASAKI 550			44-202	
K3	KAWASAKI 650		650	44-203	
K4	KAWASAKI 750	18MM COUPLER	750 SX 93-96	44-205	
K5	KAWASAKI 750	20MM COUPLER	750 SXI-ZXI	44-206	
K6	KAWASAKI 750	22MM WP		44-207	
K7	KAWASAKI 900		900 ZXI	44-209	
K8	KAWASAKI 1100		1100SXI	44-210	
K9	KAWASAKI 1200			44-211	
K10	KAWASAKI 1500			44-213	
P1	POLARIS 650		650	44-301	
P2	POLARIS 700/1050	NON HURRICANE	700	44-302	
93	POLARIS 700/1050	HURRICANE		44-302H	
P4	POLARIS 750		750	44-303	
P5	POLARIS 780		780SLX	44-304	
P6	POLARIS 900		900	44-305	
P7	POLARIS 1050		1051	44-306	
P8	POLARIS 1200			44-307	
P9	POLARIS MSX140			44-309	
Y1	YAMAHA 500		500	44-400	
Y2	YAMAHA 650		650	44-401	
Y3-1	YAMAHA 701(700)	SINGLE CARB	701WB-WR-VXR	44-402X	
Y3-2	YAMAHA 701(700)	TWIN CARB	701WR SJ 95-98	44-402T	
Y4	YAMAHA 760		760GP 96-98	44-403	
Y5	YAMAHA 1100		1100WR 95-97	44-404	
Y6	YAMAHA 1200 non-pv		1200GP-XL	44-405	
Y7	YAMAHA 800		800GP 1998	44-406	
Y8	YAMAHA 1200 PV			44-407	
Y9	YAMAHA FX140	4-STROKE		44-408	
Y10	YAMAHA 1300 PV			44-409	
Y11	YAMAHA FXHO/VX110	4-STROKE		44-410A	
T1	TIGERSHARK 640			44-501	
T2	TIGERSHARK 770			44-502	
T3	TIGERSHARK 900			44-503	
T4	TIGERSHARK 1100			44-504	
H1	HANDA AQUATRAX	4-STROKE		44-600	



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OUTBOARD

Sleeve

BRAND	ENGINE NO.	PART NO.	ID(MM)			KG	CuFt
YAMAHA							
YAMAHA	Y-2HP	6L5-10935-00	46				
YAMAHA	Y-8HP	677-10935-00	50				
YAMAHA	9.9/15HP	6E7-10935-00	56				
YAMAHA	9.9/15HP	63V-10935-00	56				
YAMAHA	Y-25HP	6G0-10935-00	67				
YAMAHA	Y-60	6K5-10935-00	72	long			
YAMAHA	Y-30A	6IN-10935-00	72	Shirt			
YAMAHA	Y-40C	676-10935-00	75				
YAMAHA	Y-40G	6F5-10935-00	78				
YAMAHA	S-40	66T-11312-00	80				
YAMAHA	Y75/85HP	688-10935-00	82	New			
YAMAHA	Y-48/55	697-10935-00	82	Old			
YAMAHA	Y-115/1YO	6E5-10935-00	90				
YAMAHA	175HP	6R5-10935-00	90				
YAMAHA	200HP	6G5-10935-00	90				
SUZUKI							
SUZUKI	DT-5	11212-98500	43				
SUZUKI	S9.9/15	11212-93131	59				
SUZUKI	S-30	11212-96350	71				
SUZUKI	S-40K	11212-94301	76				
SUZUKI	S-40C/S	11212-94490	79				
SUZUKI	S-48/55HP	11212-95325	84				
MARINER							
MARINER		M5-10935-00	55				
MARINER	MR2000	M10-10935-00	60				
MARINER	MR3000	M55-10935-00	75	OLD			
MARINER		M60-10932-00	76	NEW			
OMC							
OMC	65HP	340904	80.96				
OMC	40-55HP	326851	80.96				
TOHATSU							
T2	2HP	3B2-65011-0	50				
T5	5HP	369-01193-1	55.5				
T18	18HP		60				



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YANMAR

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston			Liner Kit Or Remarks
			No.	L	Code	No.	Ring	AI	CH

NT65		65.0							
TS50	1	70.0				104100-22090 (W/Rings)	4		
F-4(D-4)		70.0							
NK3		70.0							
NT70		70.0							
TF50		74.0							
TF60(55)		75.0							
TS60	1	75.0				104200-22090 (W/Rings)	4		
3T75HL	3	75.0				121500-22090	4		
F5(D5)		75.0							
NT75		75.0							
TF70(65)		78.0							
4TN 78TL	4	78.0				129403-22090 (W/Rings)	4		
TS70		80.0							
TF75(80)		80.0							
TS80	1	80.0				104300-22090	4		
F6(D6)		80.0							
NK4		80.0							
NT80		80.0							
3T		84.0							
3T84T	3	84.0				121252-22090 129367-22090	4 3		
2S		85.0							
TS105		85.0							
TF90		85.0							
F7(D7)		85.0							
NT85		85.0							
TF105(110)		88.0							
F8(D8)		90.0							
3E15B		91.5							
3M14,15		91.5							
TF115(120)		92.0							
2T		95.0							
TS155		95.0							
F10(D9)		95.0							
NK5		95.0							
NT95		95.0							
SS-4		95.0							
TF135(140)		96.0							
NK6		100.0							
NT100		100.0							
TS180		102.0							
TF155(160)		102.0							
F17		105.0							
NT105		105.0							
SS-6		105.0							
TS190		110.0							

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KOREAN CARS

Liner, Piston & Kit

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston			Liner Kit Or Remarks
			No.	L	Code	No.	Ring	AI	CH

HYUNDAI									
H100 (PORTER)	4	91.1	21131-42000	165		23410-42201 23410-42202 23410-42203			4D55
D4BB	4	91.1		165		23410-42701 23410-42711 23410-42721			4D55T
D4BF	4	91.1		165		23410-42850 23410-42860 23410-42870			4D56T
D4AE	4	100.0		191		23410-41410 23411-41410			4D31
J3	4	97.1	21111-4X000 21111-4X300	168.5		23410-4X900 23410-4X910			
J3	4	97.1	21111-4X000 21111-4X300	168.5		23410-4X940-3 23410-4X930-3 23410-4X950-3			
D4AF (K-1)	4	104.0	21131-41200	197		23410-41200 23411-41200			4D32
6D16	6	118.0	23411-83002			21131-93000			
6D22	6	130.0	21131-83002			23411-83002			
6D22T	6	130.0	21131-83002			23411-83600			
D6CB	6	130.0	21131-84400			23411-84400			
D6CC	6	130.0							
D6CA	6	133.0	21131-84021/2			23411-94002			
8DC9	8	135.0	21131-72000						
8DC91	8	135.0	21131-72000			23411-72000			
8DC91A	8	135.0	21131-72000			23411-72002			
KIA									
NB-1	4	86.0		163		K7Y0-11-SAO			B2200
R2	4	86.0	RF01-10-311			K777-11-102			RF
S2	4	89.0							
K2500	4	91.1							
SF	4	92.0	1456-10-311B K456-10-311 K756-10-311	165		K768-11-102 K720-11-SAO			K2400
ZB	6	92.0	0528-10-311 V101-23-051A	191		V101-11-102A(3G) 0528-23-200(5G)			T4100
WL	4	93.0	WL01-23-200	167.5					B2500
RFA	4	93.0	VN01-10-311	167.5		VNYI-11-SAO			HI-BESTA
JS	4	94.5	K65A-10-311	166		K6ZI-11-SAO			K2700
HA	4	95.0	SE01-23-051			0933-23-200 SE01-23-200A			E3000 T3000
J3	4	97.1	OK551-10-311	168		OK5Z1-11-SAO			
JT	4	98.0	K75A-10-311	166.2		K7Z1-11-SAO			
JD(K3500)	4	100.0	SL01-23-051	193		K4Y0-11-SAO			T3500T

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COMPRESSOR

Liner, Piston

Engine Model	No. Cyl.	Bore mm	Cylinder Liner			Piston			
			No.	L	Code	No.	Ring	Al	CH

HINO									
H06CT	1	70	29165-1130			29191-1130	4		P11CT,H07C
H06CT	1	70	29165-1170			29191-1130	4		H07C, H07CT
EH700	1	70	29165-1100	88		29191-1130	4		
EK100	1	80	29165-1050			29191-1150	4		H07CT,EM100
H07DT	1	80	29165-1210			29191-1150	4		
J08CT	1	80	29165-1220						
J08C	2	80	29165-1230		DC		4		
J08CTC	1	80	29165-1360						
K13C	1	85	29109-1010			29191-1110	4		F20C,F17C
K13CTV	1	85	29165-1280						
EF750	1	85	29165-1120			29191-1110	4		SH
E13CT	1	85	29165-1420			29191-1220	4		
P11C	1	85	29165-1430						
E13CTC	1	95	29165-1400			29191-1200	4		
ISUZU									
6BD1	1	70	1-19151-017-0	80		1-19161-021-0	3		
6BG1	1	70	1-19151-222-0	86		1-19161-021-0	4		6BD1T
E120	1	85							
6HE1	1	85	1-19151-218-0	91		1-19161-016-0	4		
6HK1									
DA640	1	85							
10PC1	1	85	1-19151-219-0						
10PD1	1	90	1-19151-236-0						
6WF1T	1	95	1-19163-065-0			1-19161-023-0	4		
FUSO									
6D15	1	80	ME713146	102		ME713143	4		6D14T,6D16
6D16T	1	80	ME713203						
6D22T	2	80	30975-16500		DC	ME713110	4		
8DC91									
6D24T	2	80	ME734034		DC				
FP415	1	80	ME713111						
FV415	1	85	ME713101			ME713114	4		FV419,8DC11
6D22	1	85	30975-22100			ME713114	4		6D20
6D20									
NISSAN									
PD6	1	85							
RF8	1	95	14535-99019			14528-99015	4		CW520,CK450
RE8									

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