



Parts guide suitable for
KOMATSU[®] ENGINES



All original equipment, manufacturer's names, part numbers, symbols, drawings, colours and descriptions are for reference purposes only, and it is not implied any part is that of these manufacturers.

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ISO 9001 - 2015 Certified

PROMO 132
AUGUST 2019





INDUSTRIAL DIVISION

Replacement parts suitable for:

KOMATSU®

Komatsu® Version
95 SERIES
102 SERIES
105 SERIES
107 SERIES
108 SERIES
110 SERIES

114 SERIES
120 SERIES
125 SERIES
130 SERIES
140 SERIES
155 SERIES
170 SERIES

Komatsu/Cummins® Version
NH220 SERIES
N855 SERIES
NTA855 SERIES
N14 SERIES
L10 SERIES
LTA10 SERIES

M11 SERIES
MTA11 SERIES
K19 SERIES
QSK19 SERIES
KT1150 SERIES
KT2300 SERIES
VTA1710 SERIES

CATERPILLAR®

D330	3054	3116	3408	C7	C16	C15
D333	3054C	3204	3412	C9	C18	C2.2
D342	3056	3208	3508	C10	3126	C3.3
D343	3056E	3304	3512	C11	3176	C4.4
D353	3064	3306	3516	C12	3176C	C6.6
D398	3066	3406	3520	C13	3196	3013C
D399	3114	3406C/E	C6.6	C15		3024



CUMMINS®

V.VT378
V.VT504
V.VT555
V.VT903
V.VTA28
4B4.5

4BT
6BT
4ISB
6ISB
6CT
QSK23

ISC
QSC
ISL
QSL
QSB
QSK45

B3.3
L10
M11
QSM11
NH220/N743
QSK60

NT855
N14
K19
K38
K50
QSK78

ISX
QSK15
QSK19
QSK38
QST30
QSK50

DETROIT DIESEL®

53
60

SERIES
SERIES

71 SERIES
V-71 SERIES

92 SERIES
149 SERIES

IVECO TECTOR® ENGINES

F4AE0481, F4AE0681, F4AE3481 AND F4AE3681

NEF® ENGINES

NEF 45 TIER2, NEF 67 TIER 2, NEF 45 TIER 3 AND NEF 67 TIER 3

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IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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ENGINE KITS

KMP can offer Engine Kits for all engines, based on the following components

EOK KIT COMPONENTS

Cylinder Kit
Main Metal Assy STD
Thrust Metal STD
Metal Conrod STD
Bushing Conrod
Bush Camshaft
Valve In
Valve Ex
Valve Guide
Valve Collet
Valve Spring
Valve Insert In
Valve Insert Ex
Gasket Kit Upper
Gasket Kit Lower



OFK KIT COMPONENTS

Cylinder Kit
Main Metal Assy STD
Thrust Metal STD
Metal Conrod STD
Gasket Kit Upper
Gasket Kit Lower



IFK KIT COMPONENTS

Cylinder Kit
Metal Conrod STD
Gasket Kit Upper
Gasket Oil Pan



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ENGINE KITS

PISTON No.	CYL. KIT	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	ENGINE
3803741	KMP3741	KMP3741.EOK-A	KMP3741.OFK	KMP3741.IFK	N14
3929161	1307230H91	KMP7230.EOK	KMP7230.OFK	KMP7230.IFK	S6D114-1
3929161	KMP5159	KMP5159.EOK	KMP5159.OFK	KMP5159.IFK	SA6D114E-1-GD
1295691H91	1295692H91	KMP3163.EOK	KMP3163.OFK	KMP3163.IFK	S6D114
6110-33-2132	KMP6110	KMP6110.EOK	KMP6110.OFK	KMP6110.IFK	4D120-11F/G
6113-31-2110	KMP6113	KMP6113.EOK	KMP6113.OFK	KMP6113.IFK	S4D120-11A/B/D/G
6114-31-2111	KMP6114	KMP6114.EOK	KMP6114.OFK	KMP6114.IFK	4D130-1 & S4D130-1
6127-31-2140	KMP6127	KMP6127.EOK-4A	KMP6127.OFK-4A	KMP6127.IFK-4A	S4D155-4
6127-31-2140	KMP6127	KMP6127.EOK-6	KMP6127.OFK-6	KMP6127.IFK-6	S6D155-4
6128-31-2140	KMP6128	KMP6128.EOK	KMP6128.OFK	KMP6128.IFK	SA6D155-4
6130-32-2110	KMP6130	KMP6130.EOK	KMP6130.OFK	KMP6130.IFK	4D105-3C
6131-31-2110	KMP2100	KMP2100.EOK	KMP2100.OFK	KMP2100.IFK	S4D105-1 & 2
6131-32-2120	KMP6131	KMP6131.EOK	OFK6131-105/3	KMP6131.IFK	S4D105-3
6136-31-2112	KMP2112	KMP2112.EOK	KMP2112.OFK	KMP2112.IFK	6D105-1
6136-32-2110	KMP6136	KMP6136.EOK-4	KMP6136.OFK-4	KMP6136.IFK-4	4D105-5H/5J/5T
6136-32-2110	KMP6136	KMP6136.EOK-6	KMP6136.OFK-6	KMP6136.IFK-6	6D105-1
6136-32-2120	KMP2030	KMP2030.EOK	KMP2030.OFK	KMP2030.IFK	4D105-5H/5T
6137-31-2112	KMP2032	KMP2032.EOK-4	KMP2032.OFK-4	KMP2032.IFK-4	S4D105-5A/B
6137-31-2112	KMP2032	KMP2032.EOK	KMP2032.OFK	KMP2032.IFK	S6D105-1
6137-32-2110	KMP2010	KMP2010.EOK	KMP2010.OFK	KMP2010.IFK	S4D105-5A/B
6137-32-2110	KMP2010	KMP2010.EOK-6	KMP2010.OFK-6	KMP2010.IFK-6	S6D105-1
6137-32-2110	KMP6137	KMP6137.EOK	KMP6137.OFK	KMP6137.IFK	S6D105-1
6137-32-2130	KMP2040	KMP2040.EOK	KMP2040.OFK	KMP2040.IFK	S6D105-1
6138-31-2010	KMP31-2010	KMP31-2010.EOK	KMP31-2010.OFK	KMP31-2010.IFK	SA6D110-1C/G
6138-32-2010	KMP32-2010	KMP32-2010.EOK	KMP32-2010.OFK	KMP32-2010.IFK	SA6D110-1N/P/P-B
6138-32-2120	KMP2120	KMP2120.EOK	KMP2120.OFK	KMP2120.IFK	SA6D110-1
6138-32-2320	KMP6138	KMP6138.EOK	KMP6138.OFK	KMP6138.IFK	S6D110-1
6150-31-2112	KMP6150	KMP6150.EOK	KMP6150.OFK	KMP6150.IFK	6D125-1
6150-32-2110	KMP2410	KMP2410.EOK	KMP2410.OFK	KMP2410.IFK	S6D125E-2 & SA6D125E-2
6151-31-2150	KMP2150	KMP2150.EOK	KMP2150.OFK	KMP2150.IFK	S6D125-1
6151-31-2171	KMP6151	KMP6151.EOK	KMP6151.OFK	KMP6151.IFK	S6D125-1
6151-31-2710	KMP2511	KMP2511.EOK	KMP2511.OFK	KMP2511.IFK	S6D125-1
6151-32-2110	KMP2110	KMP2110.EOK	KMP2110.OFK	KMP2110.IFK	S6D125E-2
6152-31-2113	KMP6152	KMP6152.EOK	KMP6152.OFK	KMP6152.IFK	SA6D125-1
6152-32-2510	KMP2510	KMP2510.EOK-A	KMP2510.OFK-A	KMP2510.IFK-A	S6D125E-2 & SA6D125E-2
6152-32-2510	KMP2510	KMP2510.EOK-B	KMP2510.OFK-B	KMP2510.IFK-B	S6D125E-2 & SA6D125E-2
6152-32-2510	KMP2510	KMP2510.EOK-C	KMP2510.OFK-C	-----	S6D125E-2 & SA6D125E-2
6152-32-2510	KMP2510	KMP2510.EOK-D	KMP2510.OFK-F	KMP2510.IFK-F	SA6D125E-2
6152-32-2510	KMP2510	KMP2510.EOK-E	-----	-----	SA6D125E-2
6152-32-2510	KMP2510	KMP2510.EOK-F	-----	-----	SA6D125E-2
6152-32-2510	KMP6154	KMP6154.EOK	KMP6154.OFK	KMP6154.IFK	SA6D125E-3B-7
6152-32-2510	KMP6154	KMP6154.EOK	KMP6154.OFK	KMP6154.IFK	SAA6D125E-3
6152-32-2510	KMP6154A	KMP6154A.EOK	KMP6154A.OFK	KMP6154A.IFK	SA6D125E-3B-7/8
6152-32-2510	KMP6154A	KMP6154A.EOK	KMP6154A.OFK	KMP6154A.IFK	SAA6D125E-3
6162-33-2120	KMP2060	KMP2060.EOK-A	KMP2060.OFK-A	KMP2060.IFK	S6D170-1
6162-33-2120	KMP2060	KMP2060.EOK-B	KMP2060.OFK-B	-----	S6D170-1
6162-33-2140	KMP6162	KMP6162.EOK	KMP6162.OFK	KMP6162.IFK	SA6D170-1
6162-35-2120	KMP2420	KMP2420.EOK-B	KMP2420.OFK	KMP2420.IFK	S6D170E & SA6D170E
6162-35-2120	KMP2420	KMP2420.EOK-B	KMP2420.OFK	KMP2420.IFK	SAA6D170E-2
6162-35-2120	KMP2250	KMP2250.EOK	KMP2250.OFK	KMP2250.IFK	SAA6D170E-2A
6162-35-2120	KMP2420	KMP2420.EOK-12	KMP2420.OFK-12	KMP2420.IFK-12	SA12V170E-2A
6164-31-2110	KMP6164	KMP6164.EOK	KMP6164.OFK	KMP6164.IFK	SA8V170-1

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PISTON No.	CYL. KIT	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	ENGINE
6164-31-2121	KMP2121	KMP2121.EOK	KMP2121.OFK	KMP2121.IFK	SA6D170-1
6164-31-2121	KMP2080	KMP2080.EOK	KMP2080.OFK	KMP2080.IFK	SA6D170-A-1T
6164-31-2121	KMP2121	KMP2121.EOK-12	KMP2121.OFK-12	KMP2121.IFK-12	SA12V170-1
6202-32-2140	KMP6202	KMP6202.EOK	KMP6202.OFK	KMP6202.IFK	4D95S-W-1G-E
6202-33-2160	KMP2160	KMP2160.EOK	KMP2160.OFK	KMP2160.IFK	4D95S-1H/1J
6204-31-2121	KMP6204	KMP6204.EOK-4	KMP6204.OFK-4	KMP6204.IFK-4	4D95L-1K-1L
6204-31-2121	KMP6204	KMP6204.EOK-6	KMP6204.OFK-6	KMP6204.IFK-6	6D95L-1
6204-31-2141	KMP2141	KMP2141.EOK-4	KMP2141.OFK-4	KMP2141.IFK-4	4D95L-E-2A
6204-31-2170	KMP2170	KMP2170.EOK	KMP2170.OFK	KMP2170.IFK	4D95LE-3-6S
6204-32-2161	KMP2161	KMP2161.EOK	KMP2161.OFK	KMP2161.IFK	4D95L-W-1
6205-31-2190	KMP6205	KMP6205.EOK	KMP6205.OFK-A	KMP6205.IFK-A	S4D95LE-3A-2
6206-33-2140	KMP6206	KMP6206.EOK	KMP6206.OFK	KMP6206.IFK	4D95L-1AA/1AA-7/1BB/1CC
6206-33-2140	KMP6206	KMP6206.EOK-6	KMP6206.OFK-6	KMP6206.IFK-6	6D95L-1
6206-33-2141	KMP2203	KMP2203.EOK	KMP2203.OFK	KMP2203.IFK	4D95L-1FF/GG/W/BW
6206-33-2141	KMP2203	KMP2203.EOK-6	KMP2203.OFK-6	KMP2203.IFK-6	6D95L-1AF-1
6207-31-2120	KMP2200	KMP2200.EOK	KMP2200.OFK	KMP2200.IFK	S6D95L-1
6207-31-2121	KMP2501	KMP2501.EOK-4	KMP2501.OFK-4	KMP2501.IFK-4	S4D95L-1K
6207-31-2121	KMP2501	KMP2501.EOK-6	KMP2501.OFK-6	KMP2501.IFK-6	S6D95L-1NN/1PP
6207-31-2141	KMP6207	KMP6207.EOK-4	KMP6207.OFK-4	KMP6207.IFK-4	S4D95L-1A/1B/1G
6207-31-2141	KMP6207	KMP6207.EOK-6B	KMP6207.OFK-6A	KMP6207.IFK-6	S6D95L-1
6207-31-2180	KMP2180	KMP2180.EOK	KMP2180.OFK	KMP2180.IFK	S6D95L-1MM
6208-31-2110	KMP6208	KMP31-2110.EOK	KMP6208.OFK	KMP6208.IFK	SAA4D95LE-3A-4A/W
6209-31-2141	KMP6209	KMP6209.EOK	KMP6209.OFK	KMP6209.IFK	SA6D95L-1
6209-31-2180	KMP2400	KMP2400.EOK	KMP2400.OFK	KMP2400.IFK	SA6D95L-1AF-1
6211-31-2120	KMP2033	KMP2033.EOK	KMP2033.OFK	KMP2033.IFK	SDA12V140-1
6211-31-2130	KMP2130	KMP2130.EOK-A	KMP2130.OFK-A	KMP2130.IFK-A	S6D140-1
6211-31-2130	KMP2130	KMP2130.EOK-B	KMP2130.OFK-B	KMP2130.IFK-B	S6D140-1
6211-31-2130	KMP2130	KMP2130.EOK-C	KMP2130.OFK-C	KMP2130.IFK-C	S6D140-1
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6211-31-2130	KMP2130	KMP2130.EOK	KMP2130.OFK	KMP2130.IFK	SDA12V140-1
6211-32-2130	KMP6211	KMP6211.EOK-A	KMP6211.OFK-A	KMP6211.IFK-A	SA6D140E-2 & SAA6D140E-2
6211-32-2130	KMP6211	KMP6211.EOK-B	KMP6211.OFK-B	KMP6211.IFK-E	SA6D140E-2 & SAA6D140E-2
6211-32-2130	KMP6211	KMP6211.EOK-D	KMP6211.OFK-F	KMP6211.IFK-F	SA6D140E-2 & SAA6D140E-2
6211-32-2130	KMP6212	KMP6212.EOK-A	KMP6212.OFK-A	KMP6212.IFK-A	SA6D140-1
6211-32-2130	KMP6212	KMP6212.EOK-B	KMP6212.OFK-B	KMP6212.IFK-B	SA6D140-1
6212-31-2170	KMP6212	KMP6212.EOK-C	KMP6212.OFK-C	KMP6212.IFK-C	SA12V140-1
6212-31-2170	KMP6212	KMP6212.EOK-E	KMP6212.OFK-E	KMP6212.IFK-E	SAA12V140-1
6216-34-2160	KMP6216	KMP6216.EOK	KMP6216.OFK	KMP6216.IFK	SAA12V140ZE-2
6217-31-2130	KMP6217	KMP6217.EOK-A	KMP6217.OFK-A	KMP6217.IFK-A	SA6D140E-3 & SDA6D140E-3
6217-31-2130	KMP6217	KMP6217.EOK-B	KMP6217.OFK-B	KMP6217.IFK-B	SA6D140E-3 & SDA6D140E-3
6219-31-2110	KMP6219	KMP6219.EOK	KMP6219.OFK	KMP6219.IFK	SAA12V140E-3
6221-31-2110	KMP6221	KMP6221.EOK	KMP6221.OFK	KMP6221.IFK	S6D108-1
6222-31-2110	KMP6222	KMP6222.EOK-A	KMP6222.OFK-A	KMP6222.IFK	SA6D108-1
6222-31-2110	KMP6222	KMP6222.EOK-B	KMP6222.OFK-B	-----	SA6D108-1
6222-33-2110	KMP6223	KMP6223.EOK	KMP6223.OFK	KMP6223.IFK	SAA6D108E-2A
6240-31-2111	KMP6240	KMP6240.EOK	KMP6240.OFK	KMP6240.IFK	SA6D170E-3A-7
6240-31-2111	KMP6240	KMP6240.EOK	KMP6240.OFK	KMP6240.IFK	SAA6D170E-3F-8
6245-31-2110	KMP6245	KMP6245.EOK	KMP6245.OFK	KMP6245.IFK	SAA6D170E-5
6251-31-2510	KMP6251	KMP6251.EOK	KMP6251.OFK	KMP6251.IFK	SAA6D125E-5A/B/C
6252-31-2110	KMP6252	KMP6252.EOK	KMP6252.OFK	KMP6252.IFK	SAA6D125E-6
6261-31-2130	KMP31-2130	KMP6261.EOK-A	KMP6261.OFK-A	KMP6261.IFK-A	SAA6D140E-5A/B/C
6271-31-2110	KMP6271	KMP6271.EOK	KMP6271.OFK	KMP6271.IFK	SAA4D95LE-5

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ENGINE KITS

PISTON No.	CYL. KIT	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	ENGINE
6275-31-2110	KMP6275	KMP6275.EOK	KMP6275.OFK	KMP6275.IFK	SAA4D95LE-6/A/B
6620-31-2110	KMP6620	KMP6620.EOK	KMP6620.OFK	KMP6620.IFK	NH220-C1
6710-31-2011	KMP6710	KMP6710.EOK	KMP6710.OFK	KMP6710.IFK	NTA855-1
6711-31-2110	KMP6711	KMP6711.EOK	KMP6711.OFK	KMP6711.IFK	NT855-1
6712-31-2110	KMP6712	KMP6712.EOK	KMP6712.OFK	KMP6712.IFK	N855-1
6733-31-2110	KMP6731	KMP6733.EOK	KMP6733.OFK	KMP6733.IFK	SA4D102E-1AB
6733-31-2110	KMP6731	KMP6733.EOK-6	KMP6733.OFK-6	KMP6733.IFK-6	SA6D102E-1AC
6735-01-3110	KMP1024	KMP1024.EOK-4	KMP1024.OFK-4	KMP1024.IFK-4	S4D102E-1
6735-01-3110	KMP1024	KMP1024.EOK-6	KMP1024.OFK-6	KMP1024.IFK-6	S6D102E-1AA
6735-31-2111	KMP1021	KMP1021.EOK-4	KMP1021.OFK-4	KMP1021.IFK-4	S4D102E-1
6735-31-2111	KMP1021	KMP1021.EOK-4	KMP1021.OFK-4	KMP1021.IFK-4	S4D102E-1
6735-31-2111	KMP1021	KMP1021.EOK-4	KMP1021.OFK-4	KMP1021.IFK-4	S4D102E-1
6735-31-2111	KMP1021	KMP1021.EOK-4	KMP1021.OFK-4	KMP1021.IFK-4	S4D102E-1
6735-31-2111	KMP1021	KMP1021.EOK-6	KMP1021.OFK-6	KMP1021.IFK-6	S6D102E-1AA
6735-31-2111	KMP1021	KMP1021.EOK-6	KMP1021.OFK-6	KMP1021.IFK-6	S6D102E-1AB
6735-31-2111	KMP1021	KMP1021.EOK-6	KMP1021.OFK-6	KMP1021.IFK-6	SA6D102E-1AB
6736-31-2010	KMP1027	KMP1027.EOK	KMP1027.OFK	KMP1027.IFK	SA6D102E-1AA
6738-31-2111	KMP1026	KMP1026.EOK-4	KMP1026.OFK-4	KMP1026.IFK-4	SAA4D102E-2B
6738-31-2111	KMP1026	KMP1026.EOK-6	KMP1026.OFK-6	KMP1026.IFK-6	SAA6D102E-2
6743-31-2101	KMP6743	KMP6743.EOK	KMP6743.OFK	KMP6743.IFK	SAA6D114E-2A-A
6743-31-2101	KMP6743	KMP6743.EOK-A	KMP6743.OFK	KMP6743.IFK-A	SAA6D114E-2A-A
6743-31-2101	KMP6743	KMP6743.EOK-B	-----	-----	SAA6D114E-2A-A
6743-31-2101	KMP6743	KMP6743.EOK-A	KMP6743.OFK-A	KMP6743.IFK-A	SAA6D114E-2
6745-32-2100	KMP6745	KMP6745.EOK	KMP6745.OFK-A	KMP6745.IFK	SAA6D114E-3
6746-31-2110	KMP6746	KMP6746.EOK	KMP6746.OFK	KMP6746.IFK	SAA6D114E-5
6754-32-2110	KMP5160	KMP5160.EOK	KMP5160.OFK	KMP5160.IFK	SAA6D107E-1
6754-32-2110	KMP5160	KMP6754.EOK	KMP6754.OFK	KMP6754.IFK	SAA4D107E-1
CU3802397	1295706H91	KMP5692.EOK	KMP5692.OFK	KMP5692.IFK	S6D114-1
CU3923163	KMP6742	KMP6742.EOK	KMP6742.OFK	KMP6742.IFK	SA6D114-1
CU3923163	KMP6742	KMP6742.EOK	KMP6742.OFK	KMP6742.IFK	SA6D114-1AA

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LONG & SHORT BLOCKS



can offer Long & Short Blocks with or without Camshaft Kit.

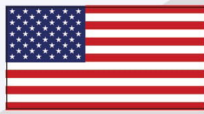
Long Blocks are supplied with Cylinder Heads fitted.
Short Blocks are supplied without Cylinder Heads.

All  Long & Short Blocks are built completely from  components and they are assembled by KMP qualified engine rebuilders in both the United Kingdom and the United States of America.

CYL.KIT	LONG BLOCK	SHORT BLOCK	ENGINE	BUILD
	W/O Camshaft Kit	W/O Camshaft Kit		
KMP2150	KMP-S6D125-LBP-A	KMP-S6D125-SBP-A	S6D125-1	BUILD 10C, BUILD 10D, BUILD 10E
KMP2511	KMP-S6D125-LBP-B	KMP-S6D125-SBP-B	S6D125-1	BUILD 10C, BUILD 10D, BUILD 10E
KMP6150	KMP-6D125-LBP-A	KMP-6D125-SBP-A	6D125-1	10A
KMP6150	KMP-6D125-LBP-B	KMP-6D125-SBP-B	6D125-1	10A
	With Camshaft Kit	With Camshaft Kit		
KMP2150	KMP-S6D125-LBP-C	KMP-S6D125-SBP-C	S6D125-1	BUILD 10C, BUILD 10D, BUILD 10E
KMP2511	KMP-S6D125-LBP-D	KMP-S6D125-SBP-D	S6D125-1	BUILD 10C, BUILD 10D, BUILD 10E
KMP6150	KMP-6D125-LBP-C	KMP-6D125-SBP-C	6D125-1	10A
KMP6150	KMP-6D125-LBP-D	KMP-6D125-SBP-D	6D125-1	10A

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United States of America



United Kingdom

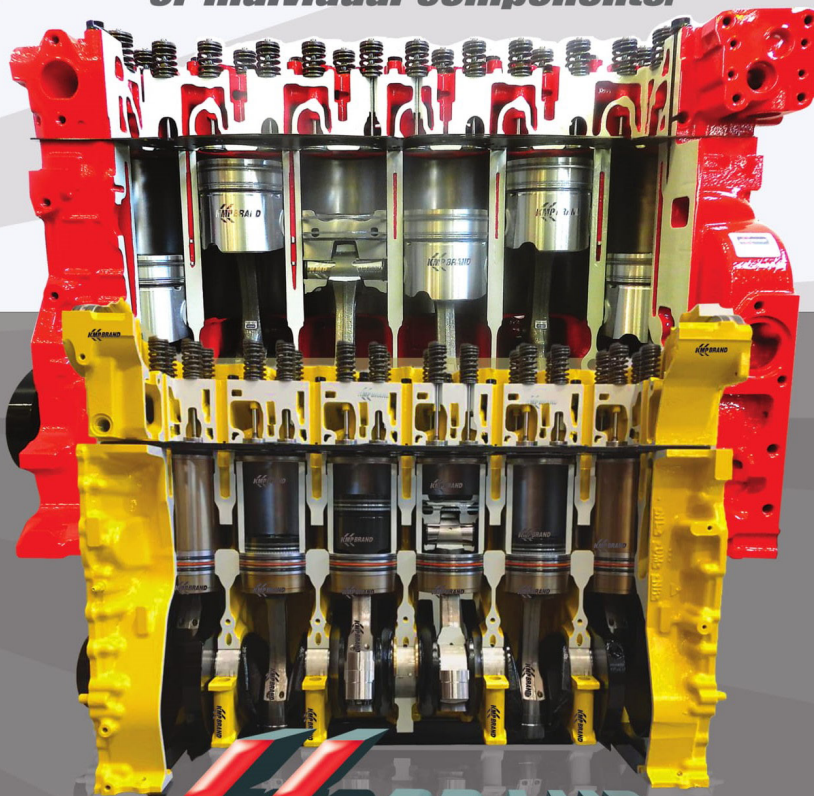


Singapore



Malaysia

***Available as Complete assembled long block
or individual components.***



The only genuine replacement

PROMO 130

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KOMATSU 4D95L-W-1 (Build 1A) Engine S/No. 10001-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6204-31-1201	1
Gear Crankshaft	6204-31-1220	1
Key	6206-31-1530	1
Front Seal	6204-21-3530	1
Rear Seal	6141-21-1332	1
Main Metal Assy STD	6204-21-8100	5
Main Metal Assy 0.25MM	6204-29-8100	5
Main Metal Assy 0.50MM	6204-28-8100	5
Main Metal Assy 0.75MM	6204-27-8100	5
Main Metal Assy 1.00MM	6204-26-8100	5
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6204-31-3101	4
Bolt Conrod	6204-31-3310	8
Bushing Conrod	6204-31-3130	4
Metal Conrod STD	6207-31-3300	4
Metal Conrod 0.25MM	6207-39-3300	4
Metal Conrod 0.50MM	6207-38-3300	4
Metal Conrod 0.75MM	6207-37-3300	4
Metal Conrod 1.00MM	6207-36-3300	4

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP2161	4
Piston Body	6204-32-2161	1
Pin Piston	6204-31-2410	1
Ring Set Piston	6202-32-2202	1
Liner	6207-21-2121	1
Piston Body	6204-32-2161	4
Pin Piston	6204-31-2410	4
Retainer Piston Pin	04065-03012	8
Ring Set Piston	6202-32-2202	4
Liner	6207-21-2121	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6204-12-1200	1
Tappet	6204-41-2110	8
Valve In	6207-41-4110	4
Valve Ex	6204-41-4210	4
Valve Collet	6204-41-4520	16
Valve Guide	6204-19-1310	8
Valve Insert Ex	6204-11-1440	4
Valve Spring	6204-41-4431	8
Seal Valve Stem	6204-41-4541	8
Retainer Valve Spring Upper	6204-41-4510	8
Push Rod	6204-41-3110	8
Capscrew Cyl Head	6142-11-1611	17

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6204-21-1102	1
Gear Camshaft	6204-41-1221	1
Bush Camshaft	6206-21-1420	2
Bush Camshaft	6206-21-1430	1
Camshaft C/W Gear	6204-41-1201	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6204-K1-9901	1
Gasket Kit Lower	6204-K2-0901	1
Gasket Cylinder Head	6204-11-1830	1
Gasket Valve Cover	6204-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6136-11-4850	1
Gasket Ex Manifold	6205-11-5811	1



Main Metal Assy STD

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KOMATSU 4D95L-W-1 (Build 1A) Engine S/No. 10001-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6204-51-1201	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105220-5280	1
Injector	6202-12-3100	4
Fuel Nozzle Injector	6202-12-3130	4

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6204-61-1104	1
Shaft Water Pump	6206-61-1311	1
Impeller Water Pump	6204-63-1330	1
Seal Water Pump	6204-61-1511	1
Seal Water Pump	6221-61-1520	1
Thermostat	600-421-6110	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Filter Fuel	600-311-6221	1
Filter Oil	600-211-6242	1
Filter Water	600-411-1050	1
Filter Water	600-411-1181	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2161.JFK	1
Out-Of-Frame Kit	KMP2161.OFK	1
Overhaul Kit	KMP2161.EOK	1

APPLICATIONS

WA40-1 S/No. 1001-Up

WA70-1 S/No. 10001-Up

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KOMATSU 4D95L-1K-1L (Build 1B) Engine S/No. 15548-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6204-31-1201	1
Gear Crankshaft	6204-31-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6141-21-1332	1
Main Metal Assy STD	6204-21-8100	5
Main Metal Assy 0.25MM	6204-29-8100	5
Main Metal Assy 0.50MM	6204-28-8100	5
Main Metal Assy 0.75MM	6204-27-8100	5
Main Metal Assy 1.00MM	6204-26-8100	5
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6204-31-3101	4
Bolt Conrod	6204-31-3310	8
Bushing Conrod	6204-31-3130	4
Metal Conrod STD	6207-31-3300	4
Metal Conrod 0.25MM	6207-39-3300	4
Metal Conrod 0.50MM	6207-38-3300	4
Metal Conrod 0.75MM	6207-37-3300	4
Metal Conrod 1.00MM	6207-36-3300	4

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6204	4
Piston Body C/W Clips	6204-31-2121	1
Pin Piston	6204-31-2410	1
Ring Set Piston	6204-31-2203	1
Liner	6207-21-2121	1
Piston Body C/W Clips	6204-31-2121	4
Piston, Pin & Clips	6204-31-2121WP	4
Pin Piston	6204-31-2410	4
Retainer Piston Pin	04065-03012	8
Ring Set Piston	6204-31-2203	4
Liner	6207-21-2121	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6204-12-1200	1
Tappet	6204-41-2110	8
Valve In	6207-41-4110	4
Valve Ex	6204-41-4210	4
Valve Collet	6204-41-4520	16
Valve Guide	6204-19-1310	8
Valve Insert Ex	6204-11-1440	4
Valve Spring	6204-41-4431	8
Seal Valve Stem	6204-41-4541	8
Retainer Valve Spring Upper	6204-41-4510	8
Push Rod	6204-41-3110	8
Capscrew Cyl Head	6142-11-1611	17

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6204-21-1102	1
Gear Camshaft	6204-41-1221	1
Bush Camshaft	6206-21-1420	2
Bush Camshaft	6206-21-1430	1
Camshaft C/W Gear	6204-41-1201	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6204-K1-9901	1
Gasket Kit Lower	6204-K2-0901	1
Gasket Cylinder Head	6204-11-1830	1
Gasket Valve Cover	6204-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6136-11-4850	1
Gasket Ex Manifold	6205-11-5811	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6204-51-1201	1
Core Oil Cooler	600-651-1510	1

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KOMATSU 4D95L-1K-1L (Build 1B) Engine S/No. 15548-Up

FUEL SYSTEM	PART No	QTY
Injector	6207-11-3100	4
Fuel Nozzle Injector	6207-11-3130	4

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6204-61-1104	1
Shaft Water Pump	6206-61-1311	1
Impeller Water Pump	6204-63-1330	1
Seal Water Pump	6204-61-1511	1
Seal Water Pump	6221-61-1520	1
Thermostat	600-421-6110	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Filter Fuel	600-311-6221	1
Filter Oil	600-211-6242	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6204.IFK-4	1
Out-Of-Frame Kit	KMP6204.OFK-4	1
Overhaul Kit	KMP6204.EOK-4	1

APPLICATIONS

PC60-3 S/No. 18001-Up
 PC60-5 S/No. 20501-Up
 PC60L-5 S/No. 7501-Up
 PC60U-5 S/No. 4501-Up
 PW60-3 S/No. 2001-Up
 PC80-3 S/No. 2001-Up
 PC75UU-1 S/No. 1001-Up



Crankshaft C/W Gear

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KOMATSU 4D95L-1AA/1AA-7/1BB/1CC (Build 1C) Engine S/No. 49965-Up

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft C/W Gear	6204-31-1201	1
Gear Crankshaft	6204-31-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6141-21-1332	1
Main Metal Assy STD	6204-21-8100	5
Main Metal Assy 0.25MM	6204-29-8100	5
Main Metal Assy 0.50MM	6204-28-8100	5
Main Metal Assy 0.75MM	6204-27-8100	5
Main Metal Assy 1.00MM	6204-26-8100	5
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.50MM(2 Pcs)	6204-28-8600	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6204-31-3101	4
Bolt Conrod	6204-31-3310	8
Bushing Conrod	6204-31-3130	4
Metal Conrod STD	6207-31-3300	4
Metal Conrod 0.25MM	6207-39-3300	4
Metal Conrod 0.50MM	6207-38-3300	4
Metal Conrod 0.75MM	6207-37-3300	4
Metal Conrod 1.00MM	6207-36-3300	4

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP6206	4
Piston Body C/W Clips	6206-33-2140	1
Pin Piston	6204-31-2410	1
Ring Set Piston	6204-31-2203	1
Liner	6207-21-2121	1
Piston Body C/W Clips	6206-33-2140	4
Piston, Pin & Clips	6206-33-2140WP	4
Pin Piston	6204-31-2410	4
Retainer Piston Pin	04065-03012	8
Ring Set Piston	6204-31-2203	4
Liner	6207-21-2121	4

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6204-13-1100	1
Tappet	6204-41-2110	8
Valve In	6207-41-4110	4
Valve Ex	6204-41-4210	4
Valve Collet	6204-41-4520	16
Valve Guide	6204-19-1310	8
Valve Insert In	6207-11-1430	4
Valve Insert Ex	6204-11-1440	4
Valve Spring	6204-41-4431	8
Seal Valve Stem	6204-41-4541	8
Retainer Valve Spring Upper	6204-41-4510	8
Rocker Arm	6205-43-5410	8
Push Rod	6204-41-3110	8
Capscrew Cyl Head	6204-13-1610	17

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Cylinder Block	6204-21-1102	1
Gear Camshaft	6204-41-1221	1
Gear Camshaft	6204-43-1120	1
Bush Camshaft	6206-21-1420	2
Bush Camshaft	6206-21-1430	1
Camshaft W/O Gear	6205-41-1300	1
Camshaft C/W Gear	6205-43-1200	1

GASKET KITS & COMPONENTS

	PART No	QTY
Gasket Kit Upper	6204-K1-0901	1
Gasket Kit Lower	6204-K2-9901	1
Gasket Cylinder Head	6204-11-1830	1
Gasket Valve Cover	6204-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6136-11-4850	1
Gasket Ex Manifold	6205-11-5811	1



Thrust Metal STD (3Pcs)

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KOMATSU 4D95L-1AA/1AA-7/1BB/1CC (Build 1C) Engine S/No. 49965-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6204-51-1201	1
Core Oil Cooler	600-651-1510	1

FUEL SYSTEM	PART No	QTY
Seal Injector	6204-11-3830	4
Injector	6207-11-3100	4
Holder Assy	6207-11-3110	4
Fuel Nozzle Injector	6207-11-3130	4

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6206-61-1104	1
Shaft Water Pump	6206-61-1342	1
Impeller Water Pump	6206-61-1553	1
Seal Water Pump	6221-61-1520	1
Thermostat	600-421-6110	1
Thermostat	600-421-6120	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Element	600-181-7260	1
Filter Fuel	600-311-7460	1
Filter Oil	600-211-6242	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6206.IFK	1
Out-Of-Frame Kit	KMP6206.OFK	1
Overhaul Kit	KMP6206.EOK	1

APPLICATIONS

PC60-6 S/No. 28001-Up

PC60L-6 S/No. 8001-Up

PC70-6 S/No. 34101-Up

PC90-1 S/No. 1001-Up

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KOMATSU 4D95L-1FF/GG/W/BW (Build 1D) Engine S/No. 131803-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6204-31-1201	1
Gear Crankshaft	6204-31-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6141-21-1332	1
Main Metal Assy STD	6204-21-8100	5
Main Metal Assy 0.25MM	6204-29-8100	5
Main Metal Assy 0.50MM	6204-28-8100	5
Main Metal Assy 0.75MM	6204-27-8100	5
Main Metal Assy 1.00MM	6204-26-8100	5
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6204-31-3101	4
Bolt Conrod	6204-31-3310	8
Bushing Conrod	6204-31-3130	4
Metal Conrod STD	6207-31-3300	4
Metal Conrod 0.25MM	6207-39-3300	4
Metal Conrod 0.50MM	6207-38-3300	4
Metal Conrod 0.75MM	6207-37-3300	4
Metal Conrod 1.00MM	6207-36-3300	4

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP2203	4
Piston Body C/W Clips	6206-33-2141	1
Pin Piston	6204-31-2410	1
Ring Set Piston	6204-31-2203	1
Liner	6207-21-2121	1
Piston Body C/W Clips	6206-33-2141	4
Pin Piston	6204-31-2410	4
Retainer Piston Pin	04065-03012	8
Ring Set Piston	6204-31-2203	4
Liner	6207-21-2121	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6204-13-1100	1
Tappet	6204-41-2110	8
Valve In	6207-41-4110	4
Valve Ex	6204-41-4210	4
Valve Collet	6204-41-4520	16
Valve Guide	6204-19-1310	8
Valve Insert In	6207-11-1430	4
Valve Insert Ex	6204-11-1440	4
Valve Spring	6204-41-4431	8
Seal Valve Stem	6204-41-4541	8
Retainer Valve Spring Upper	6204-41-4510	8
Push Rod	6204-41-3110	8
Capscrew Cyl Head	6204-13-1610	17

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6204-21-1102	1
Gear Camshaft	6204-41-1221	1
Bush Camshaft	6206-21-1420	2
Bush Camshaft	6206-21-1430	1
Camshaft W/O Gear	6205-41-1300	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6204-K1-0901	1
Gasket Kit Lower	6204-K2-0901	1
Gasket Cylinder Head	6204-11-1830	1
Gasket Valve Cover	6204-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6136-11-4850	1
Gasket Ex Manifold	6205-11-5811	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6204-51-1201	1
Core Oil Cooler	600-651-1510	1

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KOMATSU 4D95L-1FF/GG/W/BW (Build 1D) Engine S/No. 131803-Up

FUEL SYSTEM	PART No	QTY
Injector	6206-11-3100	4
Fuel Nozzle Injector	6206-11-3130	4

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6206-61-1104	1
Shaft Water Pump	6206-61-1342	1
Impeller Water Pump	6206-61-1553	1
Seal Water Pump	6221-61-1520	1
Thermostat	600-421-6120	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Filter Fuel	600-311-7460	1
Filter Oil	600-211-6242	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2203.IFK	1
Out-Of-Frame Kit	KMP2203.OFK	1
Overhaul Kit	KMP2203.EOK	1

APPLICATIONS

PC60-7 S/No. 45001-Up
PC60-7B S/No. 45001-Up
PC75UU-2 S/No. 5001-Up



Gasket Cylinder Head

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KOMATSU 4D95L-E-2A (Build 1E) Engine S/No. 100005-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6204-31-1201	1
Gear Crankshaft	6204-31-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6141-21-1332	1
Main Metal Assy STD	6204-21-8100	5
Main Metal Assy 0.25MM	6204-29-8100	5
Main Metal Assy 0.50MM	6204-28-8100	5
Main Metal Assy 0.75MM	6204-27-8100	5
Main Metal Assy 1.00MM	6204-26-8100	5
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6204-31-3101	4
Bolt Conrod	6204-31-3310	8
Bushing Conrod	6204-31-3130	4
Metal Conrod STD	6207-31-3300	4
Metal Conrod 0.25MM	6207-39-3300	4
Metal Conrod 0.50MM	6207-38-3300	4
Metal Conrod 0.75MM	6207-37-3300	4
Metal Conrod 1.00MM	6207-36-3300	4

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP2141	4
Piston Body C/W Clips	6204-31-2141	1
Pin Piston	6204-31-2410	1
Ring Set Piston	6205-31-2200	1
Liner	6207-21-2121	1
Piston Body C/W Clips	6204-31-2141	4
Piston Body C/W Clips	6205-31-2172	4
Piston, Pin & Clips	6204-31-2141WP	4
Piston, Pin & Clips	6205-31-2172WP	4
Pin Piston	6204-31-2410	4
Retainer Piston Pin	04065-03012	8
Ring Set Piston	6205-31-2200	4
Liner	6207-21-2121	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6204-13-1501	1
Tappet	6204-41-2110	8
Valve In	6207-41-4110	4
Valve Ex	6204-41-4210	4
Valve Collet	6204-41-4520	16
Valve Guide	6204-19-1310	8
Valve Spring	6204-41-4431	8
Seal Valve Stem	6204-41-4541	8
Retainer Valve Spring Upper	6204-41-4510	8
Push Rod	6204-41-3110	8
Capscrew Cyl Head	6204-13-1610	17

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6204-21-1504	1
Gear Camshaft	6204-41-1221	1
Bush Camshaft	6206-21-1420	2
Bush Camshaft	6206-21-1430	1
Camshaft W/O Gear	6205-41-1300	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6204-K1-0901	1
Gasket Kit Lower	6204-K2-0901	1
Gasket Cylinder Head	6204-11-1830	1
Gasket Valve Cover	6204-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6136-11-4850	1
Gasket Ex Manifold	6205-11-5811	1



Bushing Conrod

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KOMATSU 4D95L-E-2A (Build 1E) Engine S/No. 100005-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6204-51-1201	1

FUEL SYSTEM	PART No	QTY
Injector	6204-11-3100	4
Injector	6204-11-3101	4
Fuel Nozzle Injector	6204-11-3120	4

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6205-61-1203	1
Shaft Water Pump	6204-61-1650	1
Impeller Water Pump	6204-61-1630	1
Seal Water Pump	6221-61-1520	1
Thermostat	600-421-6120	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Filter Fuel	600-311-7460	1
Filter Oil	600-211-2110	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2141.IFK-4	1
Out-Of-Frame Kit	KMP2141.OFK-4	1
Overhaul Kit	KMP2141.EOK-4	1

APPLICATIONS

PC60-7 / PC60-7B S/No. 45001-Up
 PC75UU-3 S/No. 15001-Up
 PC78US-5 S/No. 1001-Up
 PC78US-6-N S/No. 4001-Up

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KOMATSU 4D95S-W-1G-E (Build 1F) Engine S/No. 23318-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6202-31-1100	1
Gear Crankshaft	6204-31-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6141-21-1332	1
Main Metal Assy STD	6204-21-8100	5
Main Metal Assy 0.25MM	6204-29-8100	5
Main Metal Assy 0.50MM	6204-28-8100	5
Main Metal Assy 0.75MM	6204-27-8100	5
Main Metal Assy 1.00MM	6204-26-8100	5
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6204-31-3101	4
Bolt Conrod	6204-31-3310	8
Bushing Conrod	6204-31-3130	4
Metal Conrod STD	6207-31-3300	4
Metal Conrod 0.25MM	6207-39-3300	4
Metal Conrod 0.50MM	6207-38-3300	4
Metal Conrod 0.75MM	6207-37-3300	4
Metal Conrod 1.00MM	6207-36-3300	4

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6202	4
Piston Body C/W Clips	6202-32-2140	1
Pin Piston	6204-31-2410	1
Ring Set Piston	6202-32-2300	1
Liner	6207-21-2121	1
Piston Body C/W Clips	6202-32-2140	4
Pin Piston	6204-31-2410	4
Retainer Piston Pin	04065-03012	8
Ring Set Piston	6202-32-2300	4
Liner	6207-21-2121	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6202-12-1300	1
Tappet	6204-41-2110	8
Valve In	6207-41-4110	4
Valve Ex	6204-41-4210	4
Valve Collet	6204-41-4520	16
Valve Guide	6204-19-1310	8
Valve Insert In	6207-11-1430	4
Valve Insert Ex	6204-11-1440	4
Valve Spring	6204-41-4410	8
Seal Valve Stem	6204-41-4541	8
Retainer Valve Spring Upper	6204-41-4510	8
Push Rod	6204-41-3110	8
Capscrew Cyl Head	6204-13-1610	17

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6204-21-1102	1
Gear Camshaft	6204-41-1221	1
Bush Camshaft	6206-21-1420	2
Bush Camshaft	6206-21-1430	1
Camshaft C/W Gear	6204-41-1201	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6202-K1-9901	1
Gasket Kit Lower	6202-K2-9901	1
Gasket Cylinder Head	6204-11-1830	1
Gasket Valve Cover	6204-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6136-11-4850	1
Gasket Ex Manifold	6205-11-5811	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6204-51-1201	1

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KOMATSU 4D95S-W-1G-E (Build 1F) Engine S/No. 23318-Up

FUEL SYSTEM	PART No	QTY
Injector	6202-12-3100	4
Fuel Nozzle Injector	6202-12-3130	4

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6204-61-1304	1
Shaft Water Pump	6206-61-1311	1
Impeller Water Pump	6204-63-1330	1
Seal Water Pump	6204-61-1511	1
Seal Water Pump	6221-61-1520	1
Thermostat	600-421-6120	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Filter Fuel	600-311-6221	1
Filter Fuel	600-311-7460	1
Filter Oil	600-211-6242	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6202.IFK	1
Out-Of-Frame Kit	KMP6202.OFK	1
Overhaul Kit	KMP6202.EOK	1

APPLICATIONS

D20P-6 / D20P-6A S/No. 60001-Up
D20PL-6 / PLL-6 S/No. 60001-Up
D20Q-6 / S-6 S/No. 60001-Up
D21A-6 / E-6 S/No. 60001-Up
D21P-6 / D21P-6A / D21P-6B S/No. 60001-Up
D21PL-6 S/No. 60001-Up
D21S-6 / S-6A S/No. 60001-Up

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KOMATSU 4D95S-1H/1J (Build 1G) Engine S/No. 124813-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6202-31-1100	1
Gear Crankshaft	6204-31-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6141-21-1332	1
Main Metal Assy STD	6204-21-8100	5
Main Metal Assy 0.25MM	6204-29-8100	5
Main Metal Assy 0.50MM	6204-28-8100	5
Main Metal Assy 0.75MM	6204-27-8100	5
Main Metal Assy 1.00MM	6204-26-8100	5
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6204-31-3101	4
Bolt Conrod	6204-31-3310	8
Bushing Conrod	6204-31-3130	4
Metal Conrod STD	6207-31-3300	4
Metal Conrod 0.25MM	6207-39-3300	4
Metal Conrod 0.50MM	6207-38-3300	4
Metal Conrod 0.75MM	6207-37-3300	4
Metal Conrod 1.00MM	6207-36-3300	4

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP2160	4
Piston Body	6202-33-2160	1
Pin Piston	6204-31-2410	1
Retainer Piston Pin	04065-03012	1
Ring Set Piston	6204-31-2203	1
Liner	6207-21-2121	1
Piston Body	6202-33-2160	4
Pin Piston	6204-31-2410	4
Retainer Piston Pin	04065-03012	8
Ring Set Piston	6204-31-2203	4
Liner	6207-21-2121	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6204-13-1300	1
Tappet	6204-41-2110	8
Valve In	6207-41-4110	4
Valve Ex	6204-41-4210	4
Valve Collet	6204-41-4520	16
Valve Guide	6204-19-1310	8
Valve Insert In	6207-11-1430	4
Valve Insert Ex	6204-11-1440	4
Valve Spring	6204-41-4410	8
Seal Valve Stem	6204-41-4541	8
Retainer Valve Spring Upper	6204-41-4510	8
Push Rod	6204-41-3110	8
Capscrew Cyl Head	6204-13-1610	17

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6204-21-1102	1
Gear Camshaft	6204-41-1221	1
Bush Camshaft	6206-21-1420	2
Bush Camshaft	6206-21-1430	1
Camshaft W/O Gear	6205-41-1300	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6202-K1-0900	1
Gasket Kit Lower	6202-K2-0901	1
Gasket Cylinder Head	6205-11-1813	1
Gasket Valve Cover	6204-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6136-11-4850	1
Gasket Ex Manifold	6205-11-5811	1



Ring Set Piston

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KOMATSU 4D95S-1H/1J (Build 1G) Engine S/No. 124813-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6204-51-1201	1

FUEL SYSTEM	PART No	QTY
Injector	6202-13-3500	4
Fuel Nozzle Injector	6202-13-3530	4

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6204-61-1304	1
Shaft Water Pump	6206-61-1342	1
Impeller Water Pump	6204-63-1330	1
Seal Water Pump	6221-61-1520	1
Thermostat	600-421-6120	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Filter Fuel	600-311-7460	1
Filter Oil	600-211-6242	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2160.IFK	1
Out-Of-Frame Kit	KMP2160.OFK	1
Overhaul Kit	KMP2160.EOK	1

APPLICATIONS

D20P-7A / D20PG-7A S/No. 75001-78603

D20PL-7 S/No. 62001-62453

D21A-7 / D21AG-7 / D21PG-7A S/No. 75001-78603

D21QG-7 / S-7 S/No. 61001-61131

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KOMATSU 4D95LE-3-65 (Build 1G-1)

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft C/W Gear	6204-31-1201	1
Gear Crankshaft	6204-31-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6140-21-1341	1
Main Metal Assy STD	6204-21-8100	5
Main Metal Assy 0.25MM	6204-29-8100	5
Main Metal Assy 0.50MM	6204-28-8100	5
Main Metal Assy 0.75MM	6204-27-8100	5
Main Metal Assy 1.00MM	6204-26-8100	5
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6204-31-3101	4
Bolt Conrod	6204-31-3310	8
Bushing Conrod	6204-31-3130	4
Metal Conrod STD	6207-31-3300	4
Metal Conrod 0.25MM	6207-39-3300	4
Metal Conrod 0.50MM	6207-38-3300	4
Metal Conrod 0.75MM	6207-37-3300	4
Metal Conrod 1.00MM	6207-36-3300	4

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP2170	4
Piston Body C/W Clips	6204-31-2170	1
Pin Piston	6204-31-2410	1
Ring Set Piston	6205-31-2300	1
Liner	6207-21-2121	1
Piston Body C/W Clips	6204-31-2170	4
Piston, Pin & Clips	6204-31-2170WP	4
Pin Piston	6204-31-2410	4
Retainer Piston Pin	04065-03012	8
Ring Set Piston	6205-31-2300	4
Liner	6207-21-2121	4

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6204-11-1501	1
Tappet	6204-41-2110	8
Valve In	6207-41-4110	4
Valve Ex	6204-41-4210	4
Valve Collet	6204-41-4520	16
Valve Guide	6204-19-1310	8
Valve Spring	6204-41-4410	8
Seal Valve Stem	6204-41-4541	8
Cap Upper Valve Stem	6204-41-4550	8
Push Rod	6204-41-3110	8
Capscrew Cyl Head	6204-13-1610	17

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Cylinder Block	6204-21-1504	1
Gear Camshaft	6204-41-1221	1
Bush Camshaft	6206-21-1420	2
Bush Camshaft	6206-21-1430	1
Camshaft W/O Gear	6204-41-1300	1

GASKET KITS & COMPONENTS

	PART No	QTY
Gasket Kit Upper	6204-K1-0901	1
Gasket Kit Lower	6204-K2-0901	1
Gasket Cylinder Head	6204-11-1840	1
Gasket Valve Cover	6204-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6204-11-4850	1
Gasket Ex Manifold	6205-11-5811	1

LUBRICATING OIL SYSTEM

	PART No	QTY
Oil Pump	6204-51-1201	1
Core Oil Cooler	6205-61-5400	1

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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KOMATSU 4D95LE-3-65 (Build 1G-1)

FUEL SYSTEM	PART No	QTY
Injector	6204-11-3600	4
Fuel Nozzle Injector	6204-11-3620	4

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6204-61-1601	1
Thermostat	600-421-6120	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Filter Fuel	600-311-2110	1
Filter Oil	600-211-2110	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2170.IFK	1
Out-Of-Frame Kit	KMP2170.OFK	1
Overhaul Kit	KMP2170.EOK	1

APPLICATION

WA65-5 W/CAB S/No. H50051-Up
 WA70-5 S/No. H50051-Up
 WA80-5 (20Kkm/h) S/No. H50051-Up
 WA80-5 (30Kkm/h) S/No. H50051-Up
 WA80-5 S/No. H50051-Up



Conrod Group

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KOMATSU S4D95L-1A/1B/1G (Build 1H) Engine S/No. 48811-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6205-31-1202	1
Gear Crankshaft	6204-31-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6141-21-1332	1
Main Metal Assy STD	6204-21-8100	5
Main Metal Assy 0.25MM	6204-29-8100	5
Main Metal Assy 0.50MM	6204-28-8100	5
Main Metal Assy 0.75MM	6204-27-8100	5
Main Metal Assy 1.00MM	6204-26-8100	5
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6207-31-3101	4
Bolt Conrod	6204-31-3310	8
Bushing Conrod	6207-31-3130	4
Metal Conrod STD	6207-31-3300	4
Metal Conrod 0.25MM	6207-39-3300	4
Metal Conrod 0.50MM	6207-38-3300	4
Metal Conrod 0.75MM	6207-37-3300	4
Metal Conrod 1.00MM	6207-36-3300	4

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6207	4
Piston Body C/W Clips	6207-31-2141	1
Pin Piston	6207-31-2420	1
Ring Set Piston	6207-31-2501	1
Liner	6207-21-2121	1
Piston Body C/W Clips	6207-31-2141	4
Piston, Pin & Clips	6207-31-2041	4
Pin Piston	6207-31-2420	4
Retainer Piston Pin	04065-03012	8
Ring Set Piston	6207-31-2501	4
Liner	6207-21-2121	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6205-11-1200	1
Tappet	6204-41-2110	8
Valve In	6209-41-4110	4
Valve Ex	6209-41-4210	4
Valve Collet	6204-41-4520	16
Valve Guide	6204-19-1310	8
Valve Insert In	6209-11-1430	4
Valve Insert Ex	6207-11-1440	4
Valve Spring	6204-41-4431	8
Seal Valve Stem	6204-41-4541	4
Retainer Valve Spring Upper	6204-41-4510	8
Push Rod	6204-41-3110	8
Capscrew Cyl Head	6204-13-1610	17

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6205-21-1401	1
Gear Camshaft	6204-41-1221	1
Bush Camshaft	6206-21-1420	2
Bush Camshaft	6206-21-1430	1
Camshaft W/O Gear	6205-41-1300	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6205-K1-2104	1
Gasket Kit Lower	6205-K2-2104	1
Gasket Cylinder Head	6204-11-1830	1
Gasket Valve Cover	6204-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6136-11-4850	1
Gasket Ex Manifold	6205-11-5811	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6204-51-1201	1
Core Oil Cooler	600-651-1570	1

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KOMATSU S4D95L-1A/1B/1G (Build 1H) Engine S/No. 48811-Up

FUEL SYSTEM	PART No	QTY
Injector	6202-13-3300	4
Injector	6206-11-3100	4
Fuel Nozzle Injector	6202-13-3330	4
Fuel Nozzle Injector	6206-11-3130	4

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6206-61-1104	1
Shaft Water Pump	6206-61-1342	1
Impeller Water Pump	6206-61-1553	1
Seal Water Pump	6221-61-1520	1
Thermostat	600-421-6110	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Air Filter Assy	600-181-9450	1
Filter Fuel	600-311-8222	1
Filter Oil	600-211-5242	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6207.IFK-4	1
Out-Of-Frame Kit	KMP6207.OFK-4	1
Overhaul Kit	KMP6207.EOK-4	1

APPLICATIONS

PC100-5 S/No. 28001-Up
 PC120-5 S/No. 30001-Up
 PC120-5 S/No. A40001-Up
 PC120-5C S/No. 36601-Up
 PC120-5M S/No. 36601-Up
 PC120-5Z S/No. 36601-Up
 PC130-5 S/No. 36601-Up
 PC130-5 S/No. 36601-Up

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KOMATSU S4D95L-1K (Build 1J) Engine S/No. 135080-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6205-31-1202	1
Gear Crankshaft	6204-31-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6141-21-1332	1
Main Metal Assy STD	6204-21-8100	5
Main Metal Assy 0.25MM	6204-29-8100	5
Main Metal Assy 0.50MM	6204-28-8100	5
Main Metal Assy 0.75MM	6204-27-8100	5
Main Metal Assy 1.00MM	6204-26-8100	5
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6207-31-3101	4
Bolt Conrod	6204-31-3310	8
Bushing Conrod	6207-31-3530	4
Metal Conrod STD	6207-31-3600	4
Metal Conrod 0.25MM	6207-39-3600	4
Metal Conrod 0.50MM	6207-38-3600	4
Metal Conrod 0.75MM	6207-37-3600	4
Metal Conrod 1.00MM	6207-36-3600	4

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP2501	4
Piston Body C/W Clips	6207-31-2121	1
Pin Piston	6207-31-2420	1
Ring Set Piston	6207-31-2501	1
Liner	6207-21-2121	1
Piston Body C/W Clips	6207-31-2121	4
Piston, Pin & Clips	6207-31-2121WP	4
Pin Piston	6207-31-2420	4
Retainer Piston Pin	04065-03012	8
Ring Set Piston	6207-31-2501	4
Liner	6207-21-2121	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6205-11-1200	1
Tappet	6204-41-2110	8
Valve In	6209-41-4110	4
Valve Ex	6209-41-4210	4
Valve Collet	6204-41-4520	16
Valve Guide	6204-19-1310	8
Valve Insert In	6209-11-1430	4
Valve Insert Ex	6207-11-1440	4
Valve Spring	6204-41-4431	8
Seal Valve Stem	6204-41-4541	4
Retainer Valve Spring Upper	6204-41-4510	8
Push Rod	6204-41-3110	8
Capscrew Cyl Head	6204-13-1610	17

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6205-21-1401	1
Gear Camshaft	6204-41-1221	1
Bush Camshaft	6206-21-1420	2
Bush Camshaft	6206-21-1430	1
Camshaft W/O Gear	6205-41-1300	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6205-K1-2104	1
Gasket Kit Lower	6205-K2-2104	1
Gasket Cylinder Head	6204-11-1830	1
Gasket Valve Cover	6204-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6136-11-4850	1
Gasket Ex Manifold	6205-11-5811	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6207-51-1201	1
Core Oil Cooler	600-651-1560	1
Core Oil Cooler	600-651-1570	1

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KOMATSU S4D95L-1K (Build 1J) Engine S/No. 135080-Up

FUEL SYSTEM	PART No	QTY
Injector	6202-13-3300	4
Fuel Nozzle Injector	6202-13-3330	4

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6206-61-1104	1
Shaft Water Pump	6206-61-1342	1
Impeller Water Pump	6206-61-1553	1
Seal Water Pump	6221-61-1520	1
Thermostat	600-421-6110	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Air Filter Assy	600-181-9450	1
Filter Fuel	600-311-8222	1
Filter Oil	600-211-5242	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2501.IFK-4	1
Out-Of-Frame Kit	KMP2501.OFK-4	1
Overhaul Kit	KMP2501.EOK-4	1

APPLICATIONS

PC100-6 / 6Z S/No. 40001-Up

PC100L-6 S/No. 15001-Up

PC120-6 / 6Z S/No. 45001-Up

PC130-6 S/No. 45001-Up

PW130-6K S/No. K30001-Up



Conrod

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KOMATSU S4D95LE-3A-2 (Build 1K) Engine S/No. 100001-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6204-31-1201	1
Gear Crankshaft	6204-31-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6141-21-1332	1
Main Metal Assy STD	6204-21-8100	5
Main Metal Assy 0.25MM	6204-29-8100	5
Main Metal Assy 0.50MM	6204-28-8100	5
Main Metal Assy 0.75MM	6204-27-8100	5
Main Metal Assy 1.00MM	6204-26-8100	5
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6204-31-3101	4
Bolt Conrod	6204-31-3310	8
Bushing Conrod	6207-31-3530	4
Metal Conrod STD	6207-31-3600	4
Metal Conrod 0.25MM	6207-39-3600	4
Metal Conrod 0.50MM	6207-38-3600	4
Metal Conrod 0.75MM	6207-37-3600	4
Metal Conrod 1.00MM	6207-36-3600	4

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6205	4
Piston Body C/W Clips	6205-31-2190	1
Pin Piston	6204-31-2410	1
Ring Set Piston	6205-31-2300	1
Liner	6207-21-2121	1
Piston, Pin & Clips	6205-31-2190WP	4
Pin Piston	6204-31-2410	4
Retainer Piston Pin	04065-03012	8
Piston Body C/W Clips	6205-31-2190	4
Ring Set Piston	6205-31-2300	4
Liner	6207-21-2121	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6205-13-1600	1
Tappet	6204-41-2110	8
Valve In	6207-41-4110	4
Valve Ex	6204-41-4210	4
Valve Collet	6204-41-4520	16
Valve Guide	6204-19-1310	8
Valve Spring	6204-41-4410	8
Seal Valve Stem	6204-41-4541	4
Retainer Valve Spring Upper	6204-41-4510	8
Push Rod	6204-41-3110	8
Capscrew Cyl Head	6204-13-1610	17

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6204-21-1504	1
Gear Camshaft	6204-41-1221	1
Bush Camshaft	6206-21-1420	2
Bush Camshaft	6206-21-1430	1
Camshaft C/W Gear	6205-41-1500	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6204-K1-0901	1
Gasket Kit Lower	6204-K2-0901	1
Gasket Cylinder Head	6204-11-1830	1
Gasket Valve Cover	6204-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6136-11-4850	1
Gasket Ex Manifold	6205-11-5811	1



Water Pump Assy

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KOMATSU S4D95LE-3A-2 (Build 1K) Engine S/No. 100001-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6207-51-1201	1

FUEL SYSTEM	PART No	QTY
Injector	6205-11-3200	4
Fuel Nozzle Injector	6205-11-3220	4

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6205-61-1203	1
Shaft Water Pump	6204-61-1650	1
Impeller Water Pump	6204-61-1630	1
Seal Water Pump	6221-61-1520	1
Thermostat	600-421-6110	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Filter Fuel	600-311-7460	1
Filter Oil	600-211-2110	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6205.IFK-A	1
Out-Of-Frame Kit	KMP6205.OFK-A	1
Overhaul Kit	KMP6205.EOK	1

APPLICATIONS

PC78MR-6-N S/No. 1001-Up

PC78US-6-N S/No. 4001-Up

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KOMATSU SAA4D95LE-3A-4A/W (Build 1L) Engine S/No. 100001-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6205-31-1202	1
Gear Crankshaft	6204-31-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6141-21-1332	1
Main Metal Assy STD	6204-21-8100	5
Main Metal Assy 0.25MM	6204-29-8100	5
Main Metal Assy 0.50MM	6204-28-8100	5
Main Metal Assy 0.75MM	6204-27-8100	5
Main Metal Assy 1.00MM	6204-26-8100	5
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6207-31-3101	4
Bolt Conrod	6204-31-3310	8
Bushing Conrod	6207-31-3130	4
Metal Conrod STD	6207-31-3300	4
Metal Conrod 0.25MM	6207-39-3300	4
Metal Conrod 0.50MM	6207-38-3300	4
Metal Conrod 0.75MM	6207-37-3300	4
Metal Conrod 1.00MM	6207-36-3300	4

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6208	4
Piston Body C/W Clips STD	6208-31-2110	1
Pin Piston	6207-31-2420	1
Ring Set Piston STD	6208-31-2100	1
Liner	6207-21-2121	1
Piston Body C/W Clips STD	6208-31-2110	4
Piston Body C/W Clips 0.25MM	6208-39-2110	4
Pin Piston	6207-31-2420	4
Retainer Piston Pin	04065-03012	8
Ring Set Piston STD	6208-31-2100	4
Ring Set Piston 0.25MM	6208-39-2100	4
Liner	6207-21-2121	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6208-11-1100	1
Tappet	6204-41-2110	8
Valve In	6207-41-4130	4
Valve Ex	6209-41-4210	4
Valve Collet	6204-41-4520	16
Valve Guide	6204-19-1310	8
Valve Insert In STD	6207-11-1430	4
Valve Insert Ex STD	6208-11-1440	4
Valve Spring	6204-41-4410	8
Seal Valve Stem	6204-41-4541	8
Retainer Valve Spring Upper	6204-41-4510	8
Push Rod	6204-41-3110	8
Capscrew Cyl Head	6204-13-1610	17

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6205-21-1504	1
Gear Camshaft	6204-41-1221	1
Bush Camshaft	6206-21-1420	2
Bush Camshaft	6206-21-1430	1
Camshaft C/W Gear	6205-41-1500	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6204-K1-0901	1
Gasket Kit Lower	6204-K2-0901	1
Gasket Cylinder Head	6204-11-1830	1
Gasket Valve Cover	6204-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6204-11-4850	1
Gasket Ex Manifold	6205-11-5811	1



Liner

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KOMATSU SAA4D95LE-3A-4A/W (Build 1L) Engine S/No. 100001-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6207-51-1201	1
Oil Cooler Assy	6208-61-5400	1

FUEL SYSTEM	PART No	QTY
Injector	6208-11-3100	4
Fuel Nozzle Injector	6208-11-3120	4

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6205-61-1203	1
Thermostat	600-421-6230	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Filter Fuel	600-311-7460	1
Filter Oil	600-211-2110	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6208.IFK	1
Out-Of-Frame Kit	KMP6208.OFK	1
Overhaul Kit	KMP31-2110.EOK	1

APPLICATIONS

PC130-7
PC130-7K
PC138US-2

KOMATSU SAA4D95LE-5 (Build 1M) Engine S/No. 50001-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6271-31-1110	1
Gear Crankshaft	6271-31-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6140-21-1341	1
Rear Seal	6141-21-1332	1
Main Metal Assy STD	6204-21-8100	5
Main Metal Assy 0.25MM	6204-29-8100	5
Main Metal Assy 0.50MM	6204-28-8100	5
Main Metal Assy 0.75MM	6204-27-8100	5
Main Metal Assy 1.00MM	6204-26-8100	5
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6207-31-3101	4
Bolt Conrod	6204-31-3310	8
Bushing Conrod	6207-31-3130	4
Metal Conrod STD	6207-31-3300	4
Metal Conrod STD	6207-31-3900	4
Metal Conrod STD	6208-31-3500	4
Metal Conrod 0.25MM	6207-39-3900	4
Metal Conrod 0.25MM	6208-39-3500	4
Metal Conrod 0.75MM	6207-37-3900	4
Metal Conrod 0.75MM	6208-37-3500	4
Metal Conrod 1.00MM	6207-36-3900	4
Metal Conrod 1.00MM	6208-36-3500	4

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6271	4
Piston, Clips & Rings	4955416	1
Pin Piston	6207-31-2420	1
Liner	6207-21-2121	1
Piston Body C/W Clips	6271-31-2110	4
Pin Piston	6207-31-2420	4
Retainer Piston Pin	04065-03012	8
Ring Set Piston	6271-31-2300	4
Liner	6207-21-2121	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6271-11-1100	1
Tappet	6204-41-2110	8
Valve In	6207-41-4130	4
Valve Ex	6209-41-4210	4
Valve Collet	6204-41-4520	16
Valve Guide	6204-19-1310	8
Valve Spring	6204-41-4410	8
Seal Valve Stem	6204-41-4541	4
Retainer Valve Spring Upper	6204-41-4510	8
Push Rod	6204-41-3110	8
Capscrew Cyl Head	6204-13-1610	17

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6271-21-1000	1
Gear Camshaft	6271-41-1220	1
Bush Camshaft	6206-21-1420	2
Bush Camshaft	6206-21-1430	1
Camshaft C/W Gear	6271-41-1500	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	KMP-SAA4D95LE-5-K1	1
Gasket Kit Lower	KMP-SAA4D95LE-5-K2	1
Gasket Cylinder Head	6204-11-1840	1
Gasket Valve Cover	6204-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6204-11-4850	1
Gasket Ex Manifold	6205-11-5811	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	4941148	1
Oil Cooler Assy	6208-61-5400	1

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KOMATSU SAA4D95LE-5 (Build 1M) Engine S/No. 50001-Up

FUEL SYSTEM	PART No	QTY
Injector	6271-11-3100	4

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6205-61-1203	1
Water Pump Gasket	6204-61-1660	1
Water Pump Gasket Kit	KMP-SAA4D95LE-5-K6	1
Shaft Water Pump	6204-61-1650	1
Impeller Water Pump	6204-61-1630	1
Seal Water Pump	6221-61-1520	1
Thermostat	600-421-6240	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Filter Fuel	600-311-3870	1
Filter Oil	600-211-2110	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6271.IFK	1
Out-Of-Frame Kit	KMP6271.OFK	1
Overhaul Kit	KMP6271.EOK	1

APPLICATIONS

PC60-8
PC130-8



Valve Train Items

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KOMATSU SAA4D95LE-6/A/B (Build 1N) Engine S/No. 70001-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6271-31-1110	1
Pulley Crankshaft	6275-31-1410	1
Gear Crankshaft	6271-31-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6140-21-1341	1
Rear Seal	6208-21-1310	1
Main Metal Assy STD	6204-21-8100	5
Main Metal Assy 0.25MM	6204-29-8100	5
Main Metal Assy 0.50MM	6204-28-8100	5
Main Metal Assy 0.75MM	6204-27-8100	5
Main Metal Assy 1.00MM	6204-26-8100	5
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6275-31-3800	4
Bolt Conrod	6204-31-3310	8
Bushing Conrod	6275-31-3130	4
Metal Conrod STD	6207-31-3900	4
Metal Conrod 0.25MM	6207-39-3900	4
Metal Conrod 0.75MM	6207-37-3900	4
Metal Conrod 1.00MM	6207-36-3900	4

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KM2420	4
Piston Body STD	6275-31-2110	1
Pin Piston	6207-31-2420	1
Retainer Piston Pin	04065-03012	2
Ring Set Piston STD	6275-31-2100	1
Liner	6207-21-2121	1
Piston Body STD	6275-31-2110	4
Pin Piston	6207-31-2420	4
Retainer Piston Pin	04065-03012	8
Ring Set Piston STD	6275-31-2100	4
Liner	6207-21-2121	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6275-11-1200	1
Tappet	6204-41-2110	8
Valve In	6275-41-4110	4
Valve Ex	6275-41-4211	4
Valve Collet	6275-41-4520	16
Valve Guide	6275-19-1310	8
Valve Spring	6275-41-4410	8
Seal Valve Stem	6275-41-4540	8
Retainer Valve Spring Upper	6275-41-4510	8
Rocker Arm In	6275-41-5310	4
Rocker Arm Ex	6275-41-5410	4
Push Rod	6275-41-3110	8
Capscrew Cyl Head	6204-13-1610	17

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6275-21-1100	1
Gear Camshaft	6271-41-1220	1
Bush Camshaft	6206-21-1420	2
Bush Camshaft	6206-21-1430	1
Camshaft C/W Gear	6275-41-1500	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	KMP-SAA4D95LE-5-K1	1
Gasket Kit Lower	KMP-SAA4D95LE-5-K2	1
Gasket Cylinder Head	6275-11-1810	1
Gasket Valve Cover	6275-11-7190	1
Gasket Valve Cover	6275-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket Turbo	6275-11-5580	1
Gasket In Manifold	6204-11-4850	1
Gasket In Manifold	6275-11-9550	1
Gasket Ex Manifold	6275-11-5811	4
Gasket	6208-61-5420	A/R

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KOMATSU SAA4D95LE-6/A/B (Build 1N) Engine S/No. 70001-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6271-51-1300	1
Core Oil Cooler	6205-51-5400	1
Core Oil Cooler	6275-61-5200	1
Oil Pump Gear	6207-51-1410	1
Oil Pump Gear	6207-51-1610	1
Oil Pump Gear	6275-51-1310	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	6275-71-1120	1
Fuel Feed Pump	6275-79-1200	1
Injector	6275-11-3100	4
Seal Injector	6219-71-1160	4
O-Ring	6275-11-3891	8

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6275-61-1100	1
Seal Water Pump	6271-61-1520	1
Thermostat	600-421-6370	1
Thermostat Gasket	6138-11-6810	1

FILTERS	PART No	QTY
Element Primary	600-185-2810	1
Filter Fuel	600-319-3880	1
Filter Fuel	600-319-3881	1
Filter Oil	600-211-2110	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6275.JFK	1
Out-Of-Frame Kit	KMP6275.OFK	1
Overhaul Kit	KMP6275.EOK	1

APPLICATIONS

PC78US-6

PC130-7

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KOMATSU 6D95L-1 (Build 2A) Engine S/No. 10001-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6207-31-1100	1
Gear Crankshaft	6204-31-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6141-21-1332	1
Main Metal Assy STD	6204-21-8100	7
Main Metal Assy STD (Set)	6204-21-8100S	1
Main Metal Assy 0.25MM	6204-29-8100	7
Main Metal Assy 0.25MM (Set)	6204-29-8100S	1
Main Metal Assy 0.50MM	6204-28-8100	7
Main Metal Assy 0.50MM (Set)	6204-28-8100S	1
Main Metal Assy 0.75MM	6204-27-8100	7
Main Metal Assy 0.75MM (Set)	6204-27-8100S	1
Main Metal Assy 1.00MM	6204-26-8100	7
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6204-31-3101	6
Bolt Conrod	6204-31-3310	12
Bushing Conrod	6204-31-3130	6
Metal Conrod STD	6207-31-3300	6
Metal Conrod 0.25MM	6207-39-3300	6
Metal Conrod 0.50MM	6207-38-3300	6
Metal Conrod 0.75MM	6207-37-3300	6
Metal Conrod 1.00MM	6207-36-3300	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6204	6
Piston Body C/W Clips	6204-31-2121	1
Pin Piston	6204-31-2410	1
Ring Set Piston	6204-31-2203	1
Liner	6207-21-2121	1
Piston Body C/W Clips	6204-31-2121	6
Piston, Pin & Clips	6204-31-2121WP	4
Pin Piston	6204-31-2410	6
Retainer Piston Pin	04065-03012	12
Ring Set Piston	6204-31-2203	6
Liner	6207-21-2121	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6206-11-1100	1
Cylinder Head (Bare)	6207-11-1100	1
Tappet	6204-41-2110	12
Valve In	6207-41-4110	6
Valve Ex	6204-41-4210	6
Valve Collet	6204-41-4520	24
Valve Guide	6204-19-1310	12
Valve Insert In	6207-11-1430	6
Valve Insert Ex	6204-11-1440	6
Valve Spring	6204-41-4410	12
Seal Valve Stem	6204-41-4541	12
Retainer Valve Spring Upper	6204-41-4510	12
Push Rod	6204-41-3110	12
Capscrew Cyl Head	6204-13-1610	25

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6206-21-1102	1
Cylinder Block	6206-21-1401	1
Cylinder Block	6206-21-1500	1
Gear Camshaft	6204-41-1221	1
Gear Camshaft	6206-41-1220	1
Gear Camshaft	6206-41-1321	1
Bush Camshaft	6206-21-1420	3
Bush Camshaft	6206-21-1430	1
Camshaft C/W Gear	6206-41-1301	1
Camshaft W/O Gear	6207-41-1111	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6206-K1-9901	1
Gasket Kit Lower	6206-K2-0901	1
Gasket Kit Lower	6206-K2-9901	1
Gasket Cylinder Head	6206-11-1830	1
Gasket Valve Cover	6206-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6136-11-4850	1
Gasket Ex Manifold	6207-11-5810	2

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KOMATSU 6D95L-1 (Build 2A) Engine S/No. 10001-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6206-51-1201	1
Core Oil Cooler	600-651-1520	1

FUEL SYSTEM	PART No	QTY
Injector	6207-11-3100	6
Fuel Nozzle Injector	6207-11-3130	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6206-61-1104	1
Water Pump Assy	6206-61-1505	1
Thermostat	600-421-6110	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Filter Fuel	600-311-6221	1
Filter Oil	600-211-6242	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6204.IFK-6	1
Out-Of-Frame Kit	KMP6204.OFK-6	1
Overhaul Kit	KMP6204.EOK-6	1

APPLICATIONS

D31E-18 S/No. 40001-Up
 D31P-18 S/No. 40001-Up & 40765-Up
 D31P-18A S/No. 40001-Up & 40765-Up
 D31S-18 S/No. 40001-Up
 D37E-2 / P2 S/No. 1501-2500
 PC100-3 S/No. 18001-Up
 PC100L-3 S/No. 12001-Up
 PC120-3 S/No. 18001-Up
 PW150-1 S/No. 1001-Up
 WA100 S/No. 10001-UP
 WA100-3 S/No. 10001-UP
 WA120-1 S/No. 10001-UP

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KOMATSU 6D95L-1 (Build 2B) Engine S/No. 69586-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6207-31-1100	1
Gear Crankshaft	6204-21-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6141-21-1332	1
Main Metal Assy STD	6204-21-8100	7
Main Metal Assy STD (Set)	6204-21-8100S	1
Main Metal Assy 0.25MM	6204-29-8100	7
Main Metal Assy 0.25MM (Set)	6204-29-8100S	1
Main Metal Assy 0.50MM	6204-28-8100	7
Main Metal Assy 0.50MM (Set)	6204-28-8100S	1
Main Metal Assy 0.75MM	6204-27-8100	7
Main Metal Assy 0.75MM (Set)	6204-27-8100S	1
Main Metal Assy 1.00MM	6204-26-8100	7
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6204-31-3101	6
Bolt Conrod	6204-31-3310	12
Bushing Conrod	6204-31-3130	6
Metal Conrod STD	6207-31-3300	6
Metal Conrod 0.25MM	6207-39-3300	6
Metal Conrod 0.50MM	6207-38-3300	6
Metal Conrod 0.75MM	6207-37-3300	6
Metal Conrod 1.00MM	6207-36-3300	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6206	6
Piston Body C/W Clips	6206-33-2140	1
Pin Piston	6204-31-2410	1
Ring Set Piston	6204-31-2203	1
Liner	6207-21-2121	1
Piston Body C/W Clips	6206-33-2140	6
Piston, Pin & Clips	6206-33-2140WP	4
Pin Piston	6204-31-2410	6
Retainer Piston Pin	04065-03012	12
Ring Set Piston	6204-31-2203	6
Liner	6207-21-2121	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6206-11-1100	1
Cylinder Head (Bare)	6206-11-1400	1
Cylinder Head (Bare)	6207-11-1100	1
Tappet	6204-41-2110	12
Valve In	6207-41-4110	6
Valve Ex	6204-41-4210	6
Valve Collet	6204-41-4520	24
Valve Guide	6204-19-1310	12
Valve Insert In	6207-11-1430	6
Valve Insert Ex	6204-11-1440	6
Valve Spring	6204-41-4410	12
Seal Valve Stem	6204-41-4541	12
Retainer Valve Spring Upper	6204-41-4510	12
Push Rod	6204-41-3110	12
Capscrew Cyl Head	6204-13-1610	25

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6206-21-1102	1
Cylinder Block	6206-21-1401	1
Cylinder Block	6206-21-1501	1
Gear Camshaft	6206-41-1220	1
Gear Camshaft	6206-41-1322	1
Bush Camshaft	6206-21-1420	3
Bush Camshaft	6206-21-1430	1
Camshaft C/W Gear	6206-41-1302	1
Camshaft W/O Gear	6207-41-1111	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6206-K1-9901	1
Gasket Kit Upper	6207-K1-9901	1
Gasket Kit Lower	6202-K2-0901	1
Gasket Kit Lower	6206-K2-0901	1
Gasket Kit Lower	6206-K2-9901	1
Gasket Cylinder Head	6206-11-1830	1
Gasket Valve Cover	6206-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6136-11-4850	1
Gasket Ex Manifold	6207-11-5810	2

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KOMATSU 6D95L-1 (Build 2B) Engine S/No. 69586-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6206-51-1201	1
Core Oil Cooler	600-651-1520	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105220-5610	1
Injector	6206-11-3100	6
Injector	6207-11-3100	6
Fuel Nozzle Injector	6206-11-3130	6
Fuel Nozzle Injector	6207-11-3130	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6206-61-1505	1
Shaft Water Pump	6206-61-1342	1
Impeller Water Pump	6206-61-1553	1
Seal Water Pump	6221-61-1520	1
Thermostat	600-421-6110	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Filter Fuel	600-311-6221	1
Filter Oil	600-211-6242	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6206.IFK-6	1
Out-Of-Frame Kit	KMP6206.OFK-6	1
Overhaul Kit	KMP6206.EOK-6	1

APPLICATIONS

D31E-20 S/No. 40087-42000
D31E-20 S/No. 42001-Up
D31E-20 S/No. 40523-Up
D31P, PL, PLL-20 S/No. 45001-Up
D31P-20A S/No. 45001-Up
D37E-2 / P2 S/No. 1501-2500-Up
D37E-5 S/No. 1606-3001-Up & A1924-Up
D37P-5A S/No. 1543-3001-Up & 1649-Up
GD305A-1A S/No. 6734-Up



Fuel Nozzle Injector



Thermostat

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KOMATSU 6D95L-1AF-1 (Build 2C)

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft C/W Gear	6207-31-1100	1
Gear Crankshaft	6204-31-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6141-21-1332	1
Main Metal Assy STD	6204-21-8100	7
Main Metal Assy STD (Set)	6204-21-8100S	1
Main Metal Assy 0.25MM	6204-29-8100	7
Main Metal Assy 0.25MM (Set)	6204-29-8100S	1
Main Metal Assy 0.50MM	6204-28-8100	7
Main Metal Assy 0.50MM (Set)	6204-28-8100S	1
Main Metal Assy 0.75MM	6204-27-8100	7
Main Metal Assy 0.75MM (Set)	6204-27-8100S	1
Main Metal Assy 1.00MM	6204-26-8100	7
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6204-31-3101	6
Bolt Conrod	6204-31-3310	12
Bushing Conrod	6204-31-3130	6
Metal Conrod STD	6207-31-3300	6
Metal Conrod 0.25MM	6207-39-3300	6
Metal Conrod 0.50MM	6207-38-3300	6
Metal Conrod 0.75MM	6207-37-3300	6
Metal Conrod 1.00MM	6207-36-3300	6

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP2203	6
Piston Body C/W Clips	6206-33-2141	1
Pin Piston	6204-31-2410	1
Ring Set Piston	6204-31-2203	1
Liner	6207-21-2121	1
Piston Body C/W Clips	6206-33-2141	6
Pin Piston	6204-31-2410	6
Retainer Piston Pin	04065-03012	6
Ring Set Piston	6204-31-2203	6
Liner	6207-21-2121	6

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6206-13-1100	1
Tappet	6204-41-2110	12
Valve In	6207-41-4110	6
Valve Ex	6204-41-4210	6
Valve Collet	6204-41-4520	24
Valve Guide	6204-19-1310	12
Valve Insert In	6207-11-1430	6
Valve Insert Ex	6204-11-1440	6
Valve Spring	6204-41-4410	12
Seal Valve Stem	6204-41-4541	12
Retainer Valve Spring Upper	6204-41-4510	12
Push Rod	6204-41-3110	12
Capscrew Cyl Head	6204-13-1610	25

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Cylinder Block	6206-21-1102	1
Gear Camshaft	6206-41-1220	1
Bush Camshaft	6206-21-1420	3
Bush Camshaft	6206-21-1430	1
Camshaft W/O Gear	6207-41-1111	1

GASKET KITS & COMPONENTS

	PART No	QTY
Gasket Kit Upper	6206-K1-9901	1
Gasket Kit Lower	6206-K2-0901	1
Gasket Cylinder Head	6206-11-1830	1
Gasket Valve Cover	6206-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6136-11-4850	1
Gasket Ex Manifold	6207-11-5810	2

LUBRICATING OIL SYSTEM

	PART No	QTY
Oil Pump	6206-51-1201	1
Core Oil Cooler	600-651-1520	1

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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KOMATSU 6D95L-1AF-1 (Build 2C)

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105220-5610	1
Seal Injector	6204-11-3830	6
Injector	6207-11-3600	6
Fuel Nozzle Injector	6209-11-3130	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6206-61-1505	1
Shaft Water Pump	6206-61-1342	1
Impeller Water Pump	6206-61-1553	1
Seal Water Pump	6221-61-1520	1
Thermostat	600-421-6110	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Air Filter Assy	600-181-9500	1
Filter Fuel	600-311-7460	1
Filter Oil	600-211-5242	1
Filter Water	600-411-1191	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2203.IFK-6	1
Out-Of-Frame Kit	KMP2203.OFK-6	1
Overhaul Kit	KMP2203.EOK-6	1

APPLICATIONS

WA120-3 S/No. 50001-52999



Camshaft W/O Gear

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KOMATSU SA6D95L-1AF-1 (Build 2D)

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6207-31-1100	1
Gear Crankshaft	6204-31-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6141-21-1332	1
Main Metal Assy STD	6204-21-8100	7
Main Metal Assy STD (Set)	6204-21-8100S	1
Main Metal Assy 0.25MM	6204-29-8100	7
Main Metal Assy 0.25MM (Set)	6204-29-8100S	1
Main Metal Assy 0.50MM	6204-28-8100	7
Main Metal Assy 0.50MM (Set)	6204-28-8100S	1
Main Metal Assy 0.75MM	6204-27-8100	7
Main Metal Assy 0.75MM (Set)	6204-27-8100S	1
Main Metal Assy 1.00MM	6204-26-8100	7
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6207-31-3101	6
Bolt Conrod	6204-31-3310	12
Bushing Conrod	6207-31-3530	6
Metal Conrod STD	6207-31-3600	6
Metal Conrod 0.25MM	6207-39-3600	6
Metal Conrod 0.50MM	6207-38-3600	6
Metal Conrod 0.75MM	6207-37-3600	6
Metal Conrod 1.00MM	6207-36-3600	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP2400	6
Piston Body C/W Clips	6209-31-2180	1
Pin Piston	6207-31-2420	1
Ring Set Piston	6209-31-2400	1
Liner	6207-21-2121	1
Piston, Pin & Clips	6209-31-2180WP	6
Pin Piston	6207-31-2420	6
Retainer Piston Pin	04065-03012	12
Piston Body C/W Clips	6209-31-2180	6
Ring Set Piston	6209-31-2400	6
Liner	6207-21-2121	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6209-11-1100	1
Tappet	6204-41-2110	12
Valve In	6209-41-4110	6
Valve Ex	6209-41-4210	6
Valve Collet	6204-41-4520	24
Valve Guide	6204-19-1310	12
Valve Insert In	6209-11-1430	6
Valve Insert Ex	6207-11-1440	6
Valve Spring	6204-41-4431	12
Seal Valve Stem	6204-41-4541	6
Retainer Valve Spring Upper	6204-41-4510	12
Push Rod	6204-41-3110	12
Capscrew Cyl Head	6204-13-1610	25

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6209-21-1200	1
Gear Camshaft	6206-41-1131	1
Bush Camshaft	6206-21-1420	3
Bush Camshaft	6206-21-1430	1
Camshaft W/O Gear	6207-41-1111	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6207-K1-9901	1
Gasket Kit Lower	6207-K2-9901	1
Gasket Cylinder Head	6206-11-1830	1
Gasket Valve Cover	6206-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6136-11-4850	1
Gasket Ex Manifold	6207-11-5810	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6209-51-1700	1
Core Oil Cooler	600-651-1550	1

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KOMATSU SA6D95L-1AF-1 (Build 2D)

FUEL SYSTEM	PART No	QTY
Injector	6209-11-3100	6
Fuel Nozzle Injector	6209-11-3130	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6209-61-1100	1
Shaft Water Pump	6206-61-1350	1
Impeller Water Pump	6209-61-1120	1
Seal Water Pump	6221-61-1520	1
Thermostat	600-421-6360	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8222	1
Filter Oil	600-211-5242	1
Filter Water	600-411-1191	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2400.IFK	1
Out-Of-Frame Kit	KMP2400.OFK	1
Overhaul Kit	KMP2400.EOK	1

APPLICATIONS

PC200-6 / LC-6 S/No. A80001-Up
 PC200-6Z S/No. 80001-Up
 PC200LC-6Z S/No. 80001-Up
 PC210-6 S/No. 30001-U
 PC210LC-6 S/No. A80001-Up
 PC220-6 / LC-6 S/No. 50001-Up
 PC220LC-6 S/No. A80001-Up
 PC230-6 / LC-6 S/No. 10001-Up
 PC250LC-6 S/No. A80001-Up

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KOMATSU S6D95L-1 (Build 2E) Engine S/No. 10001-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6207-31-1100	1
Crankshaft W/O Gear	6207-31-1110	1
Gear Crankshaft	6204-31-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6141-21-1332	1
Main Metal Assy STD	6204-21-8100	7
Main Metal Assy STD (Set)	6204-21-8100S	1
Main Metal Assy 0.25MM	6204-29-8100	7
Main Metal Assy 0.25MM (Set)	6204-29-8100S	1
Main Metal Assy 0.50MM	6204-28-8100	7
Main Metal Assy 0.50MM (Set)	6204-28-8100S	1
Main Metal Assy 0.75MM	6204-27-8100	7
Main Metal Assy 0.75MM (Set)	6204-27-8100S	1
Main Metal Assy 1.00MM	6204-26-8100	7
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6207-31-3101	6
Bolt Conrod	6204-31-3310	12
Bushing Conrod	6207-31-3130	6
Metal Conrod STD	6207-31-3300	6
Metal Conrod 0.25MM	6207-39-3300	6
Metal Conrod 0.50MM	6207-38-3300	6
Metal Conrod 0.75MM	6207-37-3300	6
Metal Conrod 1.00MM	6207-36-3300	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP2200	6
Piston Body C/W Clips	6207-31-2120	1
Pin Piston	6207-31-2410	1
Ring Set Piston	6207-31-2200	1
Liner	6207-21-2121	1
Piston Body C/W Clips	6207-31-2120	6
Piston, Pin & Clips	6207-31-2120WP	6
Pin Piston	6207-31-2410	6
Retainer Piston Pin	04065-03012	12
Ring Set Piston	6207-31-2200	6
Liner	6207-21-2121	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Loaded)	6207-11-1020	1
Cylinder Head (Bare)	6207-11-1100	1
Tappet	6204-41-2110	12
Valve In	6207-41-4110	6
Valve Ex	6204-41-4210	6
Valve Collet	6204-41-4520	24
Valve Guide	6204-19-1310	12
Valve Insert In	6207-11-1430	6
Valve Insert Ex	6204-11-1440	6
Valve Spring	6204-41-4431	12
Seal Valve Stem	6204-41-4541	12
Retainer Valve Spring Upper	6204-41-4510	12
Push Rod	6204-41-3110	12
Capscrew Cyl Head	6204-13-1610	25

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6207-21-1102	1
Gear Camshaft	6206-41-1220	1
Bush Camshaft	6206-21-1420	3
Bush Camshaft	6206-21-1430	1
Camshaft W/O Gear	6207-41-1111	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6207-K1-9901	1
Gasket Kit Lower	6207-K2-0901	1
Gasket Cylinder Head	6206-11-1830	1
Gasket Valve Cover	6206-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6136-11-4850	1
Gasket Ex Manifold	6207-11-5810	2

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6206-51-1201	1
Core Oil Cooler	600-651-1520	1

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KOMATSU S6D95L-1 (Build 2E) Engine S/No. 10001-Up

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105220-5280	1
Fuel Feed Pump	DK105220-5610	1
Injector	6207-11-3100	6
Holder Assy	6207-11-3110	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6206-61-1104	1
Thermostat	600-421-6110	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Filter Fuel	600-311-6221	1
Filter Oil	600-211-6242	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2200.IFK	1
Out-Of-Frame Kit	KMP2200.OFK	1
Overhaul Kit	KMP2200.EOK	1

APPLICATIONS

PC150-3 / LC-3 S/No. 3001-Up
 PC180LC-C / LC-3K S/No. 1001-Up
 PC180LLC-C / LLC-3K S/No. 1001-Up
 PC180NLC-3K S/No. 1001-Up
 PW100-3 S/No. 1601-Up
 WA150-1 S/No. 10001-Up
 WA180-1 S/No. 10001-Up & A10375-Up
 GD510R-1 S/No. 15001-Up
 GD511A-1 S/No. 10001-Up



Core Oil Cooler

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KOMATSU S6D95L-1 (Build 2F) Engine S/No. 35360-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6207-31-1100	1
Gear Crankshaft	6204-31-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6141-21-1332	1
Main Metal Assy STD	6204-21-8100	7
Main Metal Assy STD (Set)	6204-21-8100S	1
Main Metal Assy 0.25MM	6204-29-8100	7
Main Metal Assy 0.25MM (Set)	6204-29-8100S	1
Main Metal Assy 0.50MM	6204-28-8100	7
Main Metal Assy 0.50MM (Set)	6204-28-8100S	1
Main Metal Assy 0.75MM	6204-27-8100	7
Main Metal Assy 0.75MM (Set)	6204-27-8100S	1
Main Metal Assy 1.00MM	6204-26-8100	7
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6207-31-3101	6
Bolt Conrod	6204-31-3310	12
Bushing Conrod	6207-31-3130	6
Metal Conrod STD	6207-31-3300	6
Metal Conrod 0.25MM	6207-39-3300	6
Metal Conrod 0.50MM	6207-38-3300	6
Metal Conrod 0.75MM	6207-37-3300	6
Metal Conrod 1.00MM	6207-36-3300	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6207	6
Piston Body C/W Clips	6207-31-2141	1
Pin Piston	6207-31-2420	1
Ring Set Piston	6207-31-2501	1
Liner	6207-21-2121	1
Piston Body C/W Clips	6207-31-2141	6
Piston, Pin & Clips	6207-31-2041	6
Pin Piston	6207-31-2420	6
Retainer Piston Pin	04065-03012	12
Ring Set Piston	6207-31-2501	6
Liner	6207-21-2121	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6209-11-1100	1
Tappet	6204-41-2110	12
Valve In	6209-41-4110	6
Valve Ex	6209-41-4210	6
Valve Collet	6204-41-4520	24
Valve Guide	6204-19-1310	12
Valve Insert In	6209-11-1430	6
Valve Insert Ex	6207-11-1440	6
Valve Spring	6204-41-4431	12
Seal Valve Stem	6204-41-4541	6
Retainer Valve Spring Upper	6204-41-4510	12
Push Rod	6204-41-3110	12
Capscrew Cyl Head	6204-13-1610	25

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6207-21-1102	1
Cylinder Block	6209-21-1200	1
Gear Camshaft	6206-41-1220	1
Bush Camshaft	6206-21-1420	3
Bush Camshaft	6206-21-1430	1
Camshaft W/O Gear	6207-41-1111	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6207-K1-9901	1
Gasket Kit Lower	6207-K2-9901	1
Gasket Cylinder Head	6206-11-1830	1
Gasket Valve Cover	6206-11-8810	1
Gasket In Manifold	6136-11-4850	1
Gasket Ex Manifold	6207-11-5810	2

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6209-51-1201	1
Core Oil Cooler	600-651-1520	1
Core Oil Cooler	600-651-1550	1

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KOMATSU S6D95L-1 (Build 2F) Engine S/No. 35360-Up

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105220-5280	1
Fuel Feed Pump	DK105220-5610	1
Injector	6202-13-3300	6
Injector	6206-11-3100	6
Fuel Nozzle Injector	6202-13-3110	6
Fuel Nozzle Injector	6206-11-3130	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6206-61-1104	1
Shaft Water Pump	6206-61-1342	1
Impeller Water Pump	6206-61-1553	1
Seal Water Pump	6221-61-1520	1
Thermostat	600-421-6110	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8222	1
Filter Oil	600-211-5242	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6207.IFK-6	1
Out-Of-Frame Kit	KMP6207.OFK-6A	1
Overhaul Kit	KMP6207.EOK-6B	1

APPLICATIONS

PC150-5 / LC-5 S/No. 6001-Up
 PC200-5C S/No. 45001-Up
 PC200-5 / LC-5 S/No. 45001-Up
 PC200-5 / LC-5 S/No. A47282-A70000
 PC200-5T S/No. 58019-Up
 PC200-5Z S/No. 45001-Up

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KOMATSU S6D95L-1MM (Build 2G) Engine S/No. 106426-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6207-31-1100	1
Gear Crankshaft	6204-31-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6141-21-1332	1
Main Metal Assy STD	6204-21-8100	7
Main Metal Assy STD (Set)	6204-21-8100S	1
Main Metal Assy 0.25MM	6204-29-8100	7
Main Metal Assy 0.25MM (Set)	6204-29-8100S	1
Main Metal Assy 0.50MM	6204-28-8100	7
Main Metal Assy 0.50MM (Set)	6204-28-8100S	1
Main Metal Assy 0.75MM	6204-27-8100	7
Main Metal Assy 0.75MM (Set)	6204-27-8100S	1
Main Metal Assy 1.00MM	6204-26-8100	7
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6207-31-3101	6
Bolt Conrod	6204-31-3310	12
Bushing Conrod	6207-31-3530	6
Metal Conrod STD	6207-31-3600	6
Metal Conrod 0.25MM	6207-39-3600	6
Metal Conrod 0.50MM	6207-38-3600	6
Metal Conrod 0.75MM	6207-37-3600	6
Metal Conrod 1.00MM	6207-36-3600	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP2180	6
Piston Body C/W Clips	6207-31-2180	1
Pin Piston	6207-31-2420	1
Ring Set Piston	6209-31-2400	1
Liner	6207-21-2121	1
Piston Body C/W Clips	6207-31-2180	6
Piston, Pin & Clips	6207-31-2180WP	6
Pin Piston	6207-31-2420	6
Retainer Piston Pin	04065-03012	12
Ring Set Piston	6209-31-2400	6
Liner	6207-21-2121	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6209-11-1100	1
Tappet	6204-41-2110	12
Valve In	6209-41-4110	6
Valve Ex	6209-41-4210	6
Valve Collet	6204-41-4520	24
Valve Guide	6204-19-1310	12
Valve Insert In	6209-11-1430	6
Valve Insert Ex	6207-11-1440	6
Valve Spring	6204-41-4431	12
Seal Valve Stem	6204-41-4541	6
Retainer Valve Spring Upper	6204-41-4510	12
Push Rod	6204-41-3110	12
Capscrew Cyl Head	6204-13-1610	25

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6209-21-1200	1
Gear Camshaft	6206-41-1220	1
Bush Camshaft	6206-21-1420	3
Bush Camshaft	6206-21-1430	1
Camshaft W/O Gear	6207-41-1111	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6207-K1-9901	1
Gasket Kit Lower	6207-K2-9901	1
Gasket Cylinder Head	6206-11-1830	1
Gasket Valve Cover	6206-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6136-11-4850	1
Gasket Ex Manifold	6207-11-5810	2

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6209-51-1700	1
Core Oil Cooler	600-651-1550	1

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KOMATSU S6D95L-1MM (Build 2G) Engine S/No. 106426-Up

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105220-5610	1
Injector	6209-11-3100	6
Fuel Nozzle Injector	6209-11-3130	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6209-61-1100	1
Shaft Water Pump	6206-61-1350	1
Impeller Water Pump	6209-61-1120	1
Seal Water Pump	6221-61-1520	1
Thermostat	600-421-6360	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8222	1
Filter Oil	600-211-5242	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2180.IFK	1
Out-Of-Frame Kit	KMP2180.OFK	1
Overhaul Kit	KMP2180.EOK	1

APPLICATIONS

PC200-6 S/No. 80001-Up
 PC200-6Z S/No. 80001-Up
 PC200LC-6 S/No. 80001-Up
 PC200LC-6-A S/No. 80001-Up
 PC200LC-6H S/No. 80001-Up
 PC200LC-6H-A S/No. 80001-Up
 PC200LC-6Z S/No. 80001-Up
 PC210-6 S/No. 30001-Up

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KOMATSU S6D95L-1NN/1PP (Build 2H) Engine S/No. 106426-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6207-31-1100	1
Gear Crankshaft	6204-31-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6141-21-1332	1
Main Metal Assy STD	6204-21-8100	7
Main Metal Assy STD (Set)	6204-21-8100S	1
Main Metal Assy 0.25MM	6204-29-8100	7
Main Metal Assy 0.25MM (Set)	6204-29-8100S	1
Main Metal Assy 0.50MM	6204-28-8100	7
Main Metal Assy 0.50MM (Set)	6204-28-8100S	1
Main Metal Assy 0.75MM	6204-27-8100	7
Main Metal Assy 0.75MM (Set)	6204-27-8100S	1
Main Metal Assy 1.00MM	6204-26-8100	7
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6207-31-3101	6
Bolt Conrod	6204-31-3310	12
Bushing Conrod	6207-31-3530	6
Metal Conrod STD	6207-31-3600	6
Metal Conrod 0.25MM	6207-39-3600	6
Metal Conrod 0.50MM	6207-38-3600	6
Metal Conrod 0.75MM	6207-37-3600	6
Metal Conrod 1.00MM	6207-36-3600	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP2501	6
Piston Body C/W Clips	6207-31-2121	1
Pin Piston	6207-31-2420	1
Ring Set Piston	6207-31-2501	1
Liner	6207-21-2121	1
Piston Body C/W Clips	6207-31-2121	6
Piston, Pin & Clips	6207-31-2121WP	6
Pin Piston	6207-31-2420	6
Retainer Piston Pin	04065-03012	12
Ring Set Piston	6207-31-2501	6
Liner	6207-21-2121	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6209-13-1200	1
Tappet	6204-41-2110	12
Valve In	6209-41-4110	6
Valve Ex	6209-41-4210	6
Valve Collet	6204-41-4520	24
Valve Guide	6204-19-1310	12
Valve Insert In	6209-11-1430	6
Valve Insert Ex	6207-11-1440	6
Valve Spring	6204-41-4431	12
Seal Valve Stem	6204-41-4541	6
Retainer Valve Spring Upper	6204-41-4510	12
Push Rod	6204-41-3110	12
Capscrew Cyl Head	6204-13-1610	25

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6209-21-1200	1
Gear Camshaft	6206-41-1220	1
Bush Camshaft	6206-21-1420	3
Bush Camshaft	6206-21-1430	1
Camshaft W/O Gear	6207-41-1111	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6207-K1-9901	1
Gasket Kit Lower	6207-K2-0901	1
Gasket Cylinder Head	6206-11-1830	1
Gasket Valve Cover	6206-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6136-11-4850	1
Gasket Ex Manifold	6207-11-5810	2

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6209-51-1201	1
Core Oil Cooler	600-651-1520	1

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KOMATSU S6D95L-1NN/1PP (Build 2H) Engine S/No. 106426-Up

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105220-5610	1
Injector	6207-11-3600	6
Fuel Nozzle Injector	6207-11-3130	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6209-61-1100	1
Shaft Water Pump	6206-61-1350	1
Impeller Water Pump	6209-61-1120	1
Seal Water Pump	6221-61-1520	1
Thermostat	600-421-6360	1
Thermostat Gasket	6138-11-6810	1

FILTERS	PART No	QTY
Filter Fuel	600-311-7460	1
Filter Oil	600-211-5242	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2501.IFK-6	1
Out-Of-Frame Kit	KMP2501.OFK-6	1
Overhaul Kit	KMP2501.EOK-6	1

APPLICATIONS

WA180-3 S/No. 50001-52999

WA250-3 S/No. 50001-52999



Seal Water Pump

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KOMATSU SA6D95L-1 (Build 2J) Engine S/No. 35398-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6207-31-1100	1
Gear Crankshaft	6204-31-1220	1
Front Seal	6204-21-3530	1
Rear Seal	6141-21-1332	1
Main Metal Assy STD	6204-21-8100	7
Main Metal Assy STD (Set)	6204-21-8100S	1
Main Metal Assy 0.25MM	6204-29-8100	7
Main Metal Assy 0.25MM (Set)	6204-29-8100S	1
Main Metal Assy 0.50MM	6204-28-8100	7
Main Metal Assy 0.50MM (Set)	6204-28-8100S	1
Main Metal Assy 0.75MM	6204-27-8100	7
Main Metal Assy 0.75MM (Set)	6204-27-8100S	1
Main Metal Assy 1.00MM	6204-26-8100	7
Thrust Metal STD (3Pcs)	6204-21-8500	1
Thrust Metal 0.25MM (3Pcs)	6204-29-8500	1
Thrust Metal 0.50MM (3 Pcs)	6204-28-8500	1
Thrust Metal 0.75MM (3 Pcs)	6204-27-8500	1
Thrust Metal 1.00MM (3Pcs)	6204-26-8500	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6207-31-3101	6
Bolt Conrod	6204-31-3310	12
Bushing Conrod	6207-31-3130	6
Metal Conrod STD	6207-31-3300	6
Metal Conrod 0.25MM	6207-39-3300	6
Metal Conrod 0.50MM	6207-38-3300	6
Metal Conrod 0.75MM	6207-37-3300	6
Metal Conrod 1.00MM	6207-36-3300	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6209	6
Piston Body C/W Clips	6209-31-2141	1
Pin Piston	6207-31-2420	1
Ring Set Piston	6207-31-2501	1
Liner	6207-21-2121	1
Piston Body C/W Clips	6209-31-2141	6
Pin Piston	6207-31-2420	6
Retainer Piston Pin	04065-03012	12
Ring Set Piston	6207-31-2501	6
Liner	6207-21-2121	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6209-11-1100	1
Tappet	6204-41-2110	12
Valve In	6209-41-4110	6
Valve Ex	6209-41-4210	6
Valve Collet	6204-41-4520	24
Valve Guide	6204-19-1310	12
Valve Insert In	6209-11-1430	6
Valve Insert Ex	6207-11-1440	6
Valve Spring	6204-41-4431	12
Seal Valve Stem	6204-41-4541	6
Retainer Valve Spring Upper	6204-41-4510	12
Push Rod	6204-41-3110	12
Capscrew Cyl Head	6204-13-1610	25

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6209-21-1200	1
Gear Camshaft	6206-41-1220	1
Bush Camshaft	6206-21-1420	3
Bush Camshaft	6206-21-1430	1
Camshaft W/O Gear	6207-41-1111	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6207-K1-9901	1
Gasket Kit Lower	6207-K2-9901	1
Gasket Cylinder Head	6206-11-1830	1
Gasket Valve Cover	6206-11-8810	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6136-11-4850	1
Gasket Ex Manifold	6207-11-5810	2



Cylinder Kit

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KOMATSU SA6D95L-1 (Build 2J) Engine S/No. 35398-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6209-51-1201	1
Core Oil Cooler	600-651-1520	1
Core Oil Cooler	600-651-1550	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105220-5280	1
Fuel Feed Pump	DK105220-5610	1
Injector	6202-13-3300	6
Fuel Nozzle Injector	6202-13-3110	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6206-61-1104	1
Shaft Water Pump	6206-61-1342	1
Impeller Water Pump	6206-61-1553	1
Seal Water Pump	6221-61-1520	1
Thermostat	600-421-6110	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8222	1
Filter Oil	600-211-5242	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6209.IFK	1
Out-Of-Frame Kit	KMP6209.OFK	1
Overhaul Kit	KMP6209.EOK	1

APPLICATIONS

PC200-5 / LC-5 S/No. A70001-Up
 PC220-5 S/No. 35001-Up
 PC220LC-5 S/No. 35001-Up
 PC220LC-5 S/No. A35401-A70000-Up

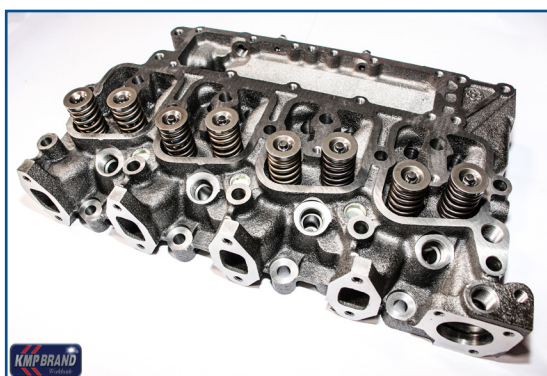
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KOMATSU S4D102E-1 (Build 3A)

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6732-31-1100	1
Gear Crankshaft	6732-31-1211	1
Front Seal Kit	6731-21-4220	1
Front Seal & Sleeve Kit	6736-39-1221	1
Rear Seal	6736-21-4221	1
Rear Seal & Sleeve Kit (Wet)	6736-39-1130	1
Rear Seal & Sleeve Kit (Dry)	6736-39-1140	1
Main & Thrust Metal Set STD	6732-29-8110	1
Main & Thrust Metal Set 0.25MM	6732-28-8100	1
Main & Thrust Metal Set 0.25MM	6754-29-8310	1
Main & Thrust Metal Set 0.50MM	6732-27-8100	1
Main & Thrust Metal Set 0.75MM	6732-26-8100	1
Main & Thrust Metal Set 1.00MM	6732-25-8100	1
Thrust Assy STD	6754-22-8310	1
Thrust Metal 0.50MM	6731-21-8610	1
Thrust Metal 1.00MM	6736-28-8700	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6737-32-3121	4
Bolt Conrod	6732-31-3311	8
Bushing Conrod	6732-31-3132	4
Metal Conrod (Upper) STD	6732-31-3411	8
Metal Conrod (Upper) 0.25MM	6736-39-3400	8
Metal Conrod (Upper) 0.50MM	6736-38-3400	8
Metal Conrod (Upper) 0.75MM	6736-37-3400	8
Metal Conrod (Upper) 1.00MM	6736-36-3400	8



Cylinder Head (Loaded)

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP1021	4
Piston Body C/W Clips STD	6735-31-2111	1
Pin Piston	6731-31-2410	1
Ring Set Piston STD	6738-31-2031	1
Liner	6736-29-2110	1
Piston Body C/W Clips STD	6735-31-2111	4
Piston Body C/W Clips 0.50MM	6735-38-2120	4
Piston, Pin & Clips STD	6735-31-2111WP	4
Piston, Pin & Clips 0.50MM	6735-38-2120WP	4
Piston, Clips & Rings STD	6735-31-2140	4
Piston, Clips & Rings 0.50MM	6735-39-2210	4
Pin Piston	6731-31-2410	4
Retainer Piston Pin	6732-31-2420	8
Ring Set Piston STD	6738-31-2031	4
Ring Set Piston 0.50MM	6732-39-2300	4
Ring Set Piston 1.00MM	6732-38-2300	4
Liner	6736-29-2110	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Loaded)	6731-11-1220	1
Cylinder Head (Bare)	6742-12-1150	1
Screw Rocker Lever Adj.	6731-41-5270	8
Tappet	6732-41-2112	8
Valve Kit In	6736-41-4110	4
Valve Kit Ex	6736-41-4210	4
Valve Collet	6732-41-4520	16
Valve Guide (Thin Wall)	6736-18-1310	8
Valve Guide In	6736-19-1310	4
Valve Guide Ex	6736-19-1410	4
Valve Insert In	6732-11-1180	4
Valve Insert Ex	6732-11-1170	4
Valve Spring	6732-41-4430	8
Seal Valve Stem	6732-41-4540	4
Retainer Valve Spring Upper	6732-41-4510	8
Rocker Arm In	6732-41-5200	4
Pushrod	6732-41-3111	8
Capscrew Cyl Head	6732-11-1610	4
Capscrew Cyl Head	6732-11-1620	10

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KOMATSU S4D102E-1 (Build 3A)

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6731-22-1110	1
Gear Camshaft	6732-41-1231	1
Bush Camshaft	6732-21-1410	1
Bush Camshaft	6732-21-1411	1
Bush Camshaft	6732-21-1412	1
Bush Camshaft O/S #1 Bore	6736-29-1410	1
Bush Camshaft O/S #2-5 Bore	6736-29-1420	4
Camshaft W/O Gear	6732-41-1111	1
Nozzle Piston Cooling	6731-21-1190	4

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6731-11-9990	1
Gasket Kit Upper	6731-12-9990	1
Gasket Kit Upper	6732-K1-1100	1
Gasket Kit Lower	6732-01-1140	1
Gasket Kit Lower	6732-K2-1200	1
Gasket Cylinder Head	6732-11-1151	1
Gasket Valve Cover	6732-11-8181	4
Gasket Cam Follower Cover	6732-21-6261	4
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6733-11-4861	1
Gasket Ex Manifold	6736-11-5810	4
Gasket Gear Hsg.	6731-21-3811	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6732-51-1112	1
Core Oil Cooler	6732-62-2110	1
Gasket Oil Cooler	6732-61-2311	1
Gasket Oil Cooler Cover	6732-51-4432	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105220-5960	1
Injector	6732-11-3200	4
Injector	6732-11-3401	4
Injector	6733-11-3100	4
Fuel Nozzle Injector	6732-11-3230	4
Fuel Nozzle Injector	6732-11-3260	4
Fuel Nozzle Injector	6735-11-3160	4
Seal Injector	6732-11-3850	4

COOLING SYSTEM	PART No	QTY
Water Pump	6731-62-1120	1
Thermostat Kit	6735-61-1690	1
Thermostat	6735-61-6471	1
Thermostat Hsg Gasket	6732-61-6240	1

FILTERS	PART No	QTY
Filter Fuel	6732-71-6111	1
Filter Oil	6732-51-5142	1
Filter Oil	6733-51-5142	1
Filter Fuel Separator	6732-71-6310	1
Filter Water	600-411-1151	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP1021.IFK-4	1
Out-Of-Frame Kit	KMP1021.OFK-4	1
Overhaul Kit	KMP1021.EOK-4	1

APPLICATIONS

D31E-20 S/No. 40087-42001-Up & A40523-Up

D31E-20A S/No. 45001-Up

D37E-5 S/No. 1606-3001-Up & A1924-Up

D37P-5A S/No. 1543-3001-Up & 1649-Up

D38E-1 / P-1 S/No. 85799-Up

D38E-1A / P-1A S/No. 86239-Up

D39E-1 / P-1 S/No. 95872-Up

D39E-1A / P-1A S/No. 96338-Up

PC60-7 / PC60-7B S/No. 45001-Up

PC100-6 / 6Z S/No. 40001-Up

PC100L-6 S/No. 15001-Up

PC120-6 / 6Z S/No. 45001-Up

PC130-6K S/No. K30001-Up

PC128US-1 / UU-1 S/No. 1001-Up

PC128US-2 / UU-2 S/No. 5001-Up

PC138USLC-2 S/No. 1001-Up

PC150LGP-6K S/No. K35001-Up

PC158USEL-2 S/No. 10001-Up

PC158USLC-2-WI S/No. 10001-Up

PW130ES-6K S/No. K30545-Up

WA120-3 Avance Plus S/No. A31001-Up

WA120-3L S/No. A30001-Up

WA120L-3 S/No. 54001-Up

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KOMATSU S4D102E-1 (Build 3B)

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft C/W Gear	6732-31-1100	1
Gear Crankshaft	6732-31-1211	1
Front Seal Kit	6731-21-4220	1
Front Seal & Sleeve Kit	6736-39-1221	1
Rear Seal	6736-21-4221	1
Rear Seal & Sleeve Kit (Wet)	6736-39-1130	1
Rear Seal & Sleeve Kit (Dry)	6736-39-1140	1
Main & Thrust Metal Set STD	6732-29-8110	1
Main & Thrust Metal Set 0.25MM	6732-28-8100	1
Main & Thrust Metal Set 0.50MM	6732-27-8100	1
Main & Thrust Metal Set 0.75MM	6732-26-8100	1
Main & Thrust Metal Set 1.00MM	6732-25-8100	1
Thrust Metal 0.50MM	6731-21-8610	1
Thrust Metal 1.00MM	6736-28-8700	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6737-32-3121	4
Bolt Conrod	6732-31-3311	8
Bushing Conrod	6732-31-3132	4
Metal Conrod (Upper) STD	6732-31-3411	8
Metal Conrod (Upper) 0.25MM	6736-39-3400	8
Metal Conrod (Upper) 0.50MM	6736-38-3400	8
Metal Conrod (Upper) 0.75MM	6736-37-3400	8
Metal Conrod (Upper) 1.00MM	6736-36-3400	8

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP1021	4
Piston Body C/W Clips	6735-31-2111	1
Pin Piston	6731-31-2410	1
Ring Set Piston STD	6738-31-2031	1
Liner	6736-29-2110	1
Piston Body C/W Clips	6735-31-2111	4
Piston Body C/W Clips	6735-31-2130	4
Piston Body	6735-38-2110	4
Piston Body	6735-39-2110	4
Piston, Clips & Rings STD	6735-31-2070	4
Piston, Clips & Rings 0.50MM	6735-39-2060	4
Piston, Clips & Rings 1.00MM	6735-38-2060	4
Pin Piston	6731-31-2410	4
Pin Piston	6736-31-2430	4
Retainer Piston Pin	6732-31-2420	8
Ring Set Piston STD	6735-31-2040	4
Ring Set Piston STD	6738-31-2031	4
Ring Set Piston 0.50MM	6735-31-2050	4
Ring Set Piston 1.00MM	6735-31-2060	4
Liner	6736-29-2110	4

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Loaded)	6731-11-1220	4
Screw Rocker Lever Adj.	6731-41-5270	8
Tappet	6732-41-2112	8
Valve Kit In	6736-41-4110	4
Valve Kit Ex	6736-41-4210	4
Valve Collet	6732-41-4520	16
Valve Guide (Thin Wall)	6736-18-1310	8
Valve Guide In	6736-19-1310	4
Valve Guide Ex	6736-19-1410	4
Valve Insert In	6732-11-1180	4
Valve Insert Ex	6732-11-1170	4
Valve Spring	6732-41-4430	8
Seal Valve Stem	6732-41-4540	4
Retainer Valve Spring Upper	6732-41-4510	8
Rocker Arm In	6732-41-5200	4
Pushrod	6732-41-3111	8
Capscrew Cyl Head	6732-11-1610	4
Capscrew Cyl Head	6732-11-1620	10



Front Seal & Sleeve Kit

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KOMATSU S4D102E-1 (Build 3B)

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6731-22-1110	1
Gear Camshaft	6732-41-1231	1
Bush Camshaft	6732-21-1410	1
Bush Camshaft O/S #1 Bore	6736-29-1410	1
Bush Camshaft O/S #2-5 Bore	6736-29-1420	4
Camshaft W/O Gear	6731-41-1120	1
Nozzle Piston Cooling	6731-21-1190	4

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6731-11-9990	1
Gasket Kit Upper	6731-12-9990	1
Gasket Kit Upper	6732-K1-1100	1
Gasket Kit Lower	6732-01-1140	1
Gasket Kit Lower	6732-K2-1200	1
Gasket Cylinder Head	6732-11-1151	1
Gasket Valve Cover	6732-11-8181	4
Gasket Cam Follower Cover	6732-21-6261	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6733-11-4861	1
Gasket Ex Manifold	6736-11-5810	4
Gasket Gear Hsg.	6731-21-3811	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6732-51-1112	1
Core Oil Cooler	6732-62-2110	1
Gasket Oil Cooler	6732-61-2311	1
Gasket Oil Cooler Cover	6732-51-4432	1

FUEL SYSTEM	PART No	QTY
Fuel Lift Pump	6736-72-6530	1
Injector	6731-11-3360	4
Injector	6736-11-3100	4
Fuel Nozzle Injector	6731-11-3150	4

COOLING SYSTEM	PART No	QTY
Water Pump	6731-62-1120	1
Thermostat Kit	6735-61-1690	1
Thermostat Hsg Gasket	6732-61-6240	1

FILTERS	PART No	QTY
Filter Oil	6732-51-5142	1
Filter Fuel Separator	6732-71-6310	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP1021.IFK-4	1
Out-Of-Frame Kit	KMP1021.OFK-4	1
Overhaul Kit	KMP1021.EOK-4	1

APPLICATIONS

D32E-1 S/No. 75501-75717

D32P-1 S/No. 75501-75717

D38E-1 S/No. 85501-85798

D38P-1 S/No. 85501-85798

D39E-1 S/No. 95501-95871

D39P-1 S/No. 95501-95871



Cylinder Block

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KOMATSU S4D102E-1 (Build 3C)

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft C/W Gear	6732-31-1100	1
Gear Crankshaft	6732-31-1211	1
Front Seal Kit	6731-21-4220	1
Front Seal & Sleeve Kit	6736-39-1221	1
Rear Seal	6736-21-4221	1
Rear Seal & Sleeve Kit (Wet)	6736-39-1130	1
Rear Seal & Sleeve Kit (Dry)	6736-39-1140	1
Main & Thrust Metal Set STD	6732-29-8110	1
Main & Thrust Metal Set 0.25MM	6732-28-8100	1
Main & Thrust Metal Set 0.50MM	6732-27-8100	1
Main & Thrust Metal Set 0.75MM	6732-26-8100	1
Main & Thrust Metal Set 1.00MM	6732-25-8100	1
Thrust Metal 0.50MM	6731-21-8610	1
Thrust Metal 1.00MM	6736-28-8700	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6737-32-3121	4
Bolt Conrod	6732-31-3311	8
Bushing Conrod	6732-31-3132	4
Metal Conrod (Upper) STD	6732-31-3411	8
Metal Conrod (Upper) 0.25MM	6736-39-3400	8
Metal Conrod (Upper) 0.50MM	6736-38-3400	8
Metal Conrod (Upper) 0.75MM	6736-37-3400	8
Metal Conrod (Upper) 1.00MM	6736-36-3400	8

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP1021	4
Piston Body C/W Clips	6735-31-2111	1
Pin Piston	6731-31-2410	1
Ring Set Piston	6738-31-2031	1
Liner	6736-29-2110	1
Piston Body C/W Clips	6735-31-2111	4
Piston, Clips, Pin & Rings STD	6731-31-2190	4
Piston, Clips, Pin & Rings 0.50MM	6731-31-2170	4
Piston, Clips, Pin & Rings 1.00MM	6731-31-2160	4
Pin Piston	6731-31-2410	4
Retainer Piston Pin	6732-31-2420	8
Ring Set Piston	6731-31-2290	4
Ring Set Piston	6731-38-2210	4
Ring Set Piston	6731-39-2210	4
Ring Set Piston	6738-31-2031	4
Liner	6736-29-2110	4

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Loaded)	6731-11-1220	1
Screw Rocker Lever Adj.	6731-41-5270	8
Tappet	6732-41-2112	8
Valve Kit In	6736-41-4110	4
Valve Kit Ex	6736-41-4210	4
Valve Collet	6732-41-4520	16
Valve Guide (Thin Wall)	6736-18-1310	8
Valve Guide In	6736-19-1310	4
Valve Guide Ex	6736-19-1410	4
Valve Insert In	6732-11-1180	4
Valve Insert Ex	6732-11-1170	4
Valve Spring	6732-41-4430	8
Seal Valve Stem	6732-41-4540	4
Retainer Valve Spring Upper	6732-41-4510	8
Rocker Arm In	6732-41-5200	4
Pushrod	6732-41-3111	8
Capscrew Cyl Head	6732-11-1610	4
Capscrew Cyl Head	6732-11-1620	10



Piston, Clips, Pin & Rings STD

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KOMATSU S4D102E-1 (Build 3C)

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6731-22-1110	1
Gear Camshaft	6732-41-1231	1
Bush Camshaft	6732-21-1411	1
Bush Camshaft	6732-21-1412	1
Bush Camshaft O/S #1 Bore	6736-29-1410	1
Bush Camshaft O/S #2-5 Bore	6736-29-1420	4
Camshaft W/O Gear	6731-41-1120	1
Nozzle Piston Cooling	6731-21-1190	4

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6731-11-9990	1
Gasket Kit Upper	6731-12-9990	1
Gasket Kit Upper	6732-K1-1100	1
Gasket Kit Lower	6732-01-1140	1
Gasket Kit Lower	6732-K2-1200	1
Gasket Cylinder Head	6732-11-1151	1
Gasket Valve Cover	6732-11-8181	4
Gasket Cam Follower Cover	6732-21-6261	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6733-11-4861	1
Gasket Ex Manifold	6736-11-5810	4
Gasket Gear Hsg.	6731-21-3811	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6732-51-1112	1
Core Oil Cooler	6732-62-2110	1
Gasket Oil Cooler	6732-61-2311	1
Gasket Oil Cooler Cover	6732-51-4432	1

FUEL SYSTEM	PART No	QTY
Fuel Lift Pump	6732-71-6591	1
Injector	6733-11-3100	4
Fuel Nozzle Injector	6735-11-3160	4

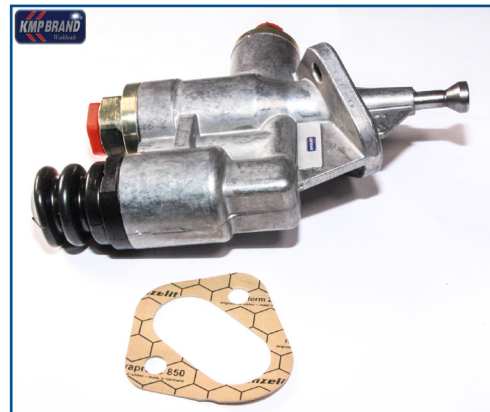
COOLING SYSTEM	PART No	QTY
Water Pump	6731-62-1120	1
Thermostat Kit	6735-61-1690	1
Thermostat Hsg Gasket	6732-61-6240	1

FILTERS	PART No	QTY
Filter Oil	6733-51-5142	1
Filter Fuel Separator	6732-71-6310	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP1021.IFK-4	1
Out-Of-Frame Kit	KMP1021.OFK-4	1
Overhaul Kit	KMP1021.EOK-4	1

APPLICATIONS

D32E-1 S/No. 75718-Up
D32P-1 S/No. 75718-Up
D32E-1A S/No. 76093-Up
D32P-1A S/No. 76093-Up



Fuel Lift Pump

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KOMATSU S4D102E-1 (Build 3D)

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft C/W Gear	6732-31-1100	1
Gear Crankshaft	6732-31-1211	1
Front Seal Kit	6731-21-4220	1
Front Seal & Sleeve Kit	6736-39-1221	1
Rear Seal	6736-21-4221	1
Rear Seal & Sleeve Kit (Wet)	6736-39-1130	1
Rear Seal & Sleeve Kit (Dry)	6736-39-1140	1
Main & Thrust Metal Set STD	6732-29-8110	1
Main & Thrust Metal Set 0.25MM	6732-28-8100	1
Main & Thrust Metal Set 0.50MM	6732-27-8100	1
Main & Thrust Metal Set 0.75MM	6732-26-8100	1
Main & Thrust Metal Set 1.00MM	6732-25-8100	1
Thrust Metal 0.50MM	6731-21-8610	1
Thrust Metal 1.00MM	6736-28-8700	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6737-32-3121	4
Bolt Conrod	6732-31-3311	8
Bushing Conrod	6732-31-3132	4
Metal Conrod (Upper) STD	6732-31-3411	8
Metal Conrod (Upper) 0.25MM	6736-39-3400	8
Metal Conrod (Upper) 0.50MM	6736-38-3400	8
Metal Conrod (Upper) 0.75MM	6736-37-3400	8
Metal Conrod (Upper) 1.00MM	6736-36-3400	8

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP1021	4
Piston Body C/W Clips	6735-31-2111	1
Pin Piston	6731-31-2410	1
Ring Set Piston STD	6738-31-2031	1
Liner	6736-29-2110	1
Cylinder Kit	KMP1024	4
Piston, Clips & Rings STD	6735-01-3110	1
Pin Piston	6736-31-2430	1
Liner	6736-29-2110	1
Piston Body C/W Clips	6735-31-2111	4
Piston, Clips & Rings STD	6735-01-3110	4
Piston, Clips & Rings 0.50MM	6735-39-2010	4
Piston, Clips & Rings 1.00MM	6735-38-2010	4
Pin Piston	6731-31-2410	4
Pin Piston	6736-31-2430	4
Retainer Piston Pin	6732-31-2420	8
Ring Set Piston STD	6738-31-2031	4
Ring Set Piston 0.50MM	6732-39-2300	4
Ring Set Piston 1.00MM	6736-31-2050	4
Liner	6736-29-2110	4

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Loaded)	6731-11-1220	1
Screw Rocker Lever Adj.	6731-41-5270	8
Tappet	6732-41-2112	8
Valve Kit In	6736-41-4110	4
Valve Kit Ex	6736-41-4210	4
Valve Collet	6732-41-4520	16
Valve Guide (Thin Wall)	6736-18-1310	8
Valve Guide In	6736-19-1310	4
Valve Guide Ex	6736-19-1410	4
Valve Insert In	6732-11-1180	4
Valve Insert Ex	6732-11-1170	4
Valve Spring	6732-41-4430	8
Seal Valve Stem	6732-41-4540	4
Retainer Valve Spring Upper	6732-41-4510	8
Rocker Arm In	6732-41-5200	4
Pushrod	6732-41-3111	8
Capscrew Cyl Head	6732-11-1610	4
Capscrew Cyl Head	6732-11-1620	10



Valve Insert In

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KOMATSU S4D102E-1 (Build 3D)

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6731-22-1110	1
Gear Camshaft	6732-41-1231	1
Bush Camshaft	6732-21-1410	1
Bush Camshaft O/S #1 Bore	6736-29-1410	1
Bush Camshaft O/S #2-5 Bore	6736-29-1420	4
Camshaft W/O Gear	6731-41-1120	1
Nozzle Piston Cooling	6731-21-1190	4

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6731-11-9990	1
Gasket Kit Upper	6731-12-9990	1
Gasket Kit Upper	6732-K1-1100	1
Gasket Kit Lower	6732-01-1140	1
Gasket Kit Lower	6732-K2-1200	1
Gasket Cylinder Head	6732-11-1151	1
Gasket Valve Cover	6732-11-8181	4
Gasket Cam Follower Cover	6732-21-6261	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6733-11-4861	1
Gasket Ex Manifold	6736-11-5810	4

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6732-51-1112	1
Core Oil Cooler	6732-62-2110	1
Gasket Oil Cooler	6732-61-2311	1
Gasket Oil Cooler Cover	6732-51-4432	1

FUEL SYSTEM	PART No	QTY
Fuel Lift Pump	6736-72-6510	1
Injector	6736-11-3100	4
Fuel Nozzle Injector	6731-11-3150	4

COOLING SYSTEM	PART No	QTY
Water Pump	6731-62-1120	1
Thermostat Kit	6735-61-1690	1
Thermostat Hsg Gasket	6732-61-6240	1

FILTERS	PART No	QTY
Filter Fuel	6732-71-6111	1
Filter Oil	6732-51-5142	1
Filter Fuel Separator	6732-71-6120	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP1021.IFK-4	1
In-Frame Kit	KMP1024.IFK-4	1
Out-Of-Frame Kit	KMP1021.OFK-4	1
Out-Of-Frame Kit	KMP1024.OFK-4	1
Overhaul Kit	KMP1021.EOK-4	1
Overhaul Kit	KMP1024.EOK-4	1

APPLICATIONS
WA120-1LC S/No. A20001-Up



Oil Pump

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KOMATSU SA4D102E-1AB (Build 3E) Engine S/No. 21240928-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6732-31-1100	1
Gear Crankshaft	6732-31-1211	1
Front Seal Kit	6731-21-4220	1
Front Seal & Sleeve Kit	6736-39-1221	1
Rear Seal	6736-21-4221	1
Rear Seal & Sleeve Kit (Wet)	6736-39-1130	1
Rear Seal & Sleeve Kit (Dry)	6736-39-1140	1
Main & Thrust Metal Set STD	6732-29-8110	1
Main & Thrust Metal Set 0.25MM	6732-28-8100	1
Main & Thrust Metal Set 0.50MM	6732-27-8100	1
Main & Thrust Metal Set 0.50MM	6754-28-8100	1
Main & Thrust Metal Set 0.75MM	6732-26-8100	1
Main & Thrust Metal Set 1.00MM	6732-25-8100	1
Thrust Assy STD	6754-22-8310	5
Thrust Metal 0.50MM	6731-21-8610	1
Thrust Metal 1.00MM	6736-28-8700	1

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6731-11-1230	1
Screw Rocker Lever Adj.	6731-41-5270	8
Tappet	6732-41-2112	8
Valve Kit In	6736-41-4110	4
Valve Kit Ex	6736-41-4210	4
Valve Collet	6732-41-4520	16
Valve Guide (Thin Wall)	6736-18-1310	8
Valve Guide In	6736-19-1310	4
Valve Guide Ex	6736-19-1410	4
Valve Insert In	6732-11-1180	4
Valve Insert Ex	6732-11-1170	4
Valve Spring	6732-41-4430	8
Seal Valve Stem	6732-41-4540	4
Retainer Valve Spring Upper	6732-41-4510	8
Rocker Arm In	6732-41-5200	4
Pushrod	6732-41-3111	8
Capscrew Cyl Head	6732-11-1610	4
Capscrew Cyl Head	6732-11-1620	10

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6737-32-3121	4
Bolt Conrod	6732-31-3311	8
Bushing Conrod	6732-31-3132	4
Metal Conrod (Upper) STD	6732-31-3411	8
Metal Conrod (Upper) 0.25MM	6736-39-3400	8
Metal Conrod (Upper) 0.50MM	6736-38-3400	8
Metal Conrod (Upper) 0.75MM	6736-37-3400	8
Metal Conrod (Upper) 1.00MM	6736-36-3400	8

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6732-21-1140	1
Gear Camshaft	6732-41-1231	1
Bush Camshaft	6732-21-1411	1
Bush Camshaft O/S #1 Bore	6736-29-1410	1
Bush Camshaft O/S #2-5 Bore	6736-29-1420	4
Camshaft W/O Gear	6732-41-1111	1
Nozzle Piston Cooling	6731-21-1190	4

CYLINDER KIT & COMPONENTS	PART No	QTY
Piston Body C/W Clips	6733-31-2120	4
Piston, Clips & Rings STD	6733-31-2110	4
Pin Piston	6731-31-2410	4
Retainer Piston Pin	6732-31-2420	8
Ring Set Piston	6731-31-2280	4
Ring Set Piston	6732-31-2330	4
Liner	6736-29-2110	4

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6731-11-9990	1
Gasket Kit Lower	6732-01-1140	1
Gasket Cylinder Head	6732-11-1151	1
Gasket Valve Cover	6732-11-8181	4
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6733-11-4861	1
Gasket Ex Manifold	6736-11-5810	4



Main & Thrust Metal Set STD

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KOMATSU SA4D102E-1AB (Build 3E) Engine S/No. 21240928-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6732-51-1112	1
Core Oil Cooler	6732-62-2110	1
Gasket Oil Cooler	6732-61-2311	1
Gasket Oil Cooler Cover	6732-51-4432	1

FUEL SYSTEM	PART No	QTY
Fuel Lift Pump	6735-71-1721	1
Injector	6731-11-3110	4

COOLING SYSTEM	PART No	QTY
Water Pump	6731-62-1120	1
Thermostat Kit	6735-61-1690	1
Thermostat Hsg Gasket	6732-61-6240	1

FILTERS	PART No	QTY
Filter Fuel	6732-71-6111	1
Filter Oil	6733-51-5142	1
Filter Fuel Separator	6732-71-6310	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6733.IFK	1
Out-Of-Frame Kit	KMP6733.OFK	1
Overhaul Kit	KMP6733.EOK	1

APPLICATIONS

PW170ES-6K S/No. K30001-Up

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KOMATSU SAA4D102E-2B (Build 3F) Engine S/No. 26277757-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6732-31-1100	1
Gear Crankshaft	6732-31-1211	1
Front Seal Kit	6731-21-4220	1
Front Seal & Sleeve Kit	6736-39-1221	1
Rear Seal	6736-21-4221	1
Rear Seal & Sleeve Kit (Wet)	6736-39-1130	1
Rear Seal & Sleeve Kit (Dry)	6736-39-1140	1
Main & Thrust Metal Set STD	6732-29-8110	1
Main & Thrust Metal Set 0.25MM	6732-28-8100	1
Main & Thrust Metal Set 0.50MM	6732-27-8100	1
Main & Thrust Metal Set 0.75MM	6732-26-8100	1
Main & Thrust Metal Set 1.00MM	6732-25-8100	1
Thrust Metal 0.50MM	6731-21-8610	1
Thrust Metal 1.00MM	6736-28-8700	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6737-32-3121	4
Bolt Conrod	6732-31-3311	8
Bushing Conrod	6732-31-3132	4
Metal Conrod (Upper) STD	6732-31-3411	8
Metal Conrod (Upper) 0.25MM	6736-39-3400	8
Metal Conrod (Upper) 0.50MM	6736-38-3400	8
Metal Conrod (Upper) 0.75MM	6736-37-3400	8
Metal Conrod (Upper) 1.00MM	6736-36-3400	8

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP1026	4
Piston Body C/W Clips	6738-31-2111	1
Pin Piston	6731-31-2410	1
Ring Set Piston	6738-31-2031	1
Liner	6736-29-2110	1
Piston Body C/W Clips	6738-31-2111	4
Piston, Pin & Clips	6738-31-2140	4
Pin Piston	6731-31-2410	4
Retainer Piston Pin	6732-31-2420	8
Ring Set Piston	6738-31-2031	4
Liner	6736-29-2110	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Loaded)	6731-11-1220	1
Tappet	6732-41-2112	8
Valve Kit In	6736-41-4110	4
Valve Kit Ex	6736-41-4210	4
Valve Collet	6732-41-4520	16
Valve Guide (Thin Wall)	6736-18-1310	8
Valve Guide In	6736-19-1310	4
Valve Guide Ex	6736-19-1410	4
Valve Insert In	6732-11-1180	4
Valve Insert Ex	6732-11-1170	4
Valve Spring	6732-41-4430	8
Seal Valve Stem	6732-41-4540	4
Retainer Valve Spring Upper	6732-41-4510	8
Pushrod	6732-41-3111	8
Capscrew Cyl Head	6732-11-1610	4
Capscrew Cyl Head	6732-11-1620	10

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Plug Expansion	6736-21-1810	3
Cylinder Block	6731-22-1110	1
Gear Camshaft	6732-41-1231	1
Bush Camshaft	6732-21-1411	1
Bush Camshaft	6732-21-1412	1
Bush Camshaft O/S #1 Bore	6736-29-1410	1
Bush Camshaft O/S #2-5 Bore	6736-29-1420	4
Camshaft W/O Gear	6732-41-1111	1
Nozzle Piston Cooling	6731-21-1190	4

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6731-11-9990	1
Gasket Kit Lower	6732-01-1140	1
Gasket Cylinder Head	6732-11-1151	1
Gasket Valve Cover	6732-11-8181	4
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6733-11-4861	1
Gasket Ex Manifold	6736-11-5810	4

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KOMATSU SAA4D102E-2B (Build 3F) Engine S/No. 26277757-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6732-51-1112	1
Core Oil Cooler	6732-62-2110	1
Gasket Oil Cooler	6732-61-2311	1
Gasket Oil Cooler Cover	6732-51-4432	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105220-5960	1
Injector	6737-11-3090	4
Injector	6738-11-3090	4
Fuel Nozzle Injector	6738-11-3120	4

COOLING SYSTEM	PART No	QTY
Water Pump	6731-62-1120	1
Thermostat Hsg Gasket	6732-61-6240	1

FILTERS	PART No	QTY
Filter Fuel	6732-71-6112	1
Filter Oil	6733-51-5142	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP1026.IFK-4	1
Out-Of-Frame Kit	KMP1026.OFK-4	1
Overhaul Kit	KMP1026.EOK-4	1

APPLICATIONS

D31EX-21 S/No. 50001-Up
D31PX-21 S/No. 50001-Up
D37EX-21 S/No. 50001-Up
D37PX-21 S/No. 50001-Up
D39EX-21 S/No. 1001-Up
D39PX-21 S/No. 1001-Up
PC160LC-7 S/No. 10001-Up

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KOMATSU S6D102E-1AA (Build 4A) Engine S/No. 21180000-21295203

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6735-01-1310	1
Gear Crankshaft	6732-31-1211	1
Front Seal Kit	6731-21-4220	1
Front Seal & Sleeve Kit	6736-39-1221	1
Rear Seal	6736-21-4221	1
Rear Seal & Sleeve Kit (Wet)	6736-39-1130	1
Rear Seal & Sleeve Kit (Dry)	6736-39-1140	1
Main Metal Upper STD	6735-21-8110	6
Main Metal Lower STD	6735-21-8210	7
Main & Thrust Metal Set STD	6754-22-8100	1
Main & Thrust Metal Set 0.25MM	6754-29-8100	1
Main & Thrust Metal Set 0.25MM	6754-29-8310	1
Main & Thrust Metal Set 0.50MM	6754-28-8100	1
Main & Thrust Metal Set 0.75MM	6754-27-8100	1
Main & Thrust Metal Set 1.00MM	6754-26-8100	1
Thrust Assy STD	6754-22-8310	1
Thrust Assy 0.50MM	6754-28-8310	1
Thrust Metal 0.50MM	6731-21-8610	1
Thrust Metal 1.00MM	6731-21-8620	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6737-32-3121	6
Bolt Conrod	6732-31-3311	12
Bushing Conrod	6732-31-3132	6
Metal Conrod (Upper) STD	6732-31-3411	12
Metal Conrod (Upper) 0.25MM	6736-39-3400	12
Metal Conrod (Upper) 0.50MM	6736-38-3400	12
Metal Conrod (Upper) 0.75MM	6736-37-3400	12
Metal Conrod (Upper) 1.00MM	6736-36-3400	12

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP1021	6
Piston Body C/W Clips STD	6735-31-2111	1
Pin Piston	6731-31-2410	1
Ring Set Piston STD	6738-31-2031	1
Liner	6736-29-2110	1
Cylinder Kit	KMP1024	6
Piston, Clips & Rings STD	6735-01-3110	1
Pin Piston	6736-31-2430	1
Liner	6736-29-2110	1
Piston Body C/W Clips STD	6735-31-2111	6
Piston, Clips & Rings STD	6735-01-3110	6
Piston, Clips & Rings 0.50MM	6735-39-2010	6
Piston, Clips & Rings 1.00MM	6735-38-2010	6
Pin Piston	6731-31-2410	6
Pin Piston	6736-31-2430	6
Retainer Piston Pin	6732-31-2420	12
Ring Set Piston 0.50MM	6732-39-2300	6
Ring Set Piston STD	6736-31-2030	6
Ring Set Piston STD	6738-31-2031	6
Ring Set Piston 1.00MM	6736-31-2050	6
Liner	6736-29-2110	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Loaded)	6731-12-1240	1
Tappet	6732-41-2112	12
Valve Kit In	6736-41-4110	6
Valve Kit Ex	6736-41-4210	6
Valve Collet	6732-41-4520	24
Valve Guide (Thin Wall)	6736-18-1310	12
Valve Guide In	6736-19-1310	6
Valve Guide Ex	6736-19-1410	6
Valve Insert In	6732-11-1180	6
Valve Insert Ex	6732-11-1170	6
Valve Insert Ex	6736-19-1440	6
Valve Spring	6732-41-4430	12
Seal Valve Stem	6732-41-4540	12
Retainer Valve Spring Upper	6732-41-4510	12
Pushrod	6732-41-3111	12
Capscrew Cyl Head	6732-11-1610	6
Capscrew Cyl Head	6732-11-1620	14



Piston, Clips & Rings 0.50MM

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KOMATSU S6D102E-1AA (Build 4A) Engine S/No. 21180000-21295203

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Plug Expansion	6736-21-1810	5
Cylinder Block	6731-21-1270	1
Gear Camshaft	6732-41-1231	1
Gear Camshaft	6736-41-1120	1
Bush Camshaft	6732-21-1410	1
Bush Camshaft O/S #1 Bore	6736-29-1410	1
Bush Camshaft O/S #2-5 Bore	6736-29-1420	1
Camshaft W/O Gear	6735-41-1111	1
Camshaft W/O Gear	6736-41-1111	1
Nozzle Piston Cooling	6731-21-1190	6

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6731-11-9980	1
Gasket Kit Lower	6735-01-1210	1
Gasket Cylinder Head	6735-11-1821	1
Gasket Valve Cover	6732-11-8181	6
Gasket Oil Pan	6735-21-5661	1
Gasket In Manifold	6735-11-4812	1
Gasket Ex Manifold	6736-11-5810	6

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6731-51-1111	1
Core Oil Cooler	6735-61-2110	1
Gasket Oil Cooler	6732-61-2311	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105220-5610	1
Fuel Feed Pump	DK105220-5960	1
Fuel Lift Pump	6734-71-1730	1
Fuel Lift Pump	6735-71-1721	1
Fuel Lift Pump	6736-72-6530	1
Fuel Line	6735-71-5614	1
Fuel Line	6735-71-5623	1
Fuel Line	6735-71-5633	1
Fuel Line	6735-71-5643	1
Fuel Line	6735-71-5653	1
Fuel Line	6735-71-5663	1
Injector	6735-11-3120	6
Injector	6736-11-3100	6
Fuel Nozzle Injector	1240617H1	6
Fuel Nozzle Injector	6731-11-3150	6

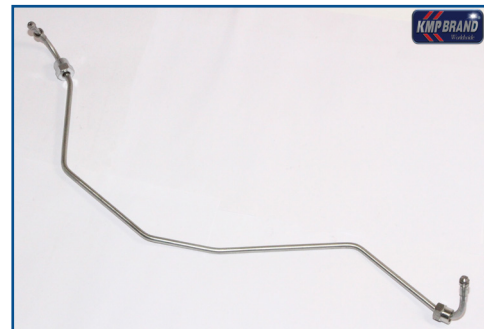
COOLING SYSTEM	PART No	QTY
Water Pump	6731-62-1120	1
Thermostat Kit	6735-61-1690	1
Thermostat Hsg Gasket	6732-61-6240	1

FILTERS	PART No	QTY
Filter Fuel	6732-71-6111	1
Filter Oil	6735-51-5143	1
Filter Oil	6736-51-5142	1
Filter Fuel Separator	6732-71-6120	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP1021.IFK-6	1
In-Frame Kit	KMP1024.IFK-6	1
Out-Of-Frame Kit	KMP1021.OFK-6	1
Out-Of-Frame Kit	KMP1024.OFK-6	1
Overhaul Kit	KMP1021.EOK-6	1
Overhaul Kit	KMP1024.EOK-6	1

APPLICATIONS

GD530A/AW-2A/2B/2C S/No. 202002-Up
 GD530A-1/AW-1 S/No. 200840-201999
 GD530A-1E S/No. 201404-Up
 PC200-6/LC-6 S/No. A82001-Up
 PC210-6K S/No. K30001-Up
 PC210LC-6 S/No. A82001-Up
 PC210LC-6K S/No. K30001-Up
 WA180-1LC S/No. A75001-Up
 WA250-1LC S/No. A65001-Up



Fuel Line

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KOMATSU S6D102E-1AB & SA6D102E-1AB (Build 4B) Engine S/No. 21295204-Up & 21296537-Up

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft C/W Gear	6735-01-1310	1
Gear Crankshaft	6732-31-1211	1
Front Seal Kit	6731-21-4220	1
Front Seal & Sleeve Kit	6736-39-1221	1
Rear Seal	6736-21-4221	1
Rear Seal & Sleeve Kit (Wet)	6736-39-1130	1
Rear Seal & Sleeve Kit (Dry)	6736-39-1140	1
Main Metal Upper STD	6735-21-8110	6
Main Metal Lower STD	6735-21-8210	7
Main & Thrust Metal Set STD	6754-22-8100	1
Main & Thrust Metal Set 0.25MM	6754-29-8100	1
Main & Thrust Metal Set 0.25MM	6754-29-8310	1
Main & Thrust Metal Set 0.50MM	6754-28-8100	1
Main & Thrust Metal Set 0.75MM	6754-27-8100	1
Main & Thrust Metal Set 1.00MM	6754-26-8100	1
Thrust Assy STD	6754-22-8310	1
Thrust Assy 0.50MM	6754-28-8310	1
Thrust Metal 0.50MM	6731-21-8610	1
Thrust Metal 1.00MM	6731-21-8620	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6737-32-3121	6
Bolt Conrod	6732-31-3311	12
Bushing Conrod	6732-31-3132	6
Metal Conrod (Upper) STD	6732-31-3411	12
Metal Conrod (Upper) 0.25MM	6736-39-3400	12
Metal Conrod (Upper) 0.50MM	6736-38-3400	12
Metal Conrod (Upper) 0.75MM	6736-37-3400	12
Metal Conrod (Upper) 1.00MM	6736-36-3400	12

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP1021	6
Piston Body C/W Clips STD	6735-31-2111	1
Pin Piston	6731-31-2410	1
Ring Set Piston STD	6738-31-2031	1
Liner	6736-29-2110	1

CYLINDER KIT & COMPONENTS (Continued)

	PART No	QTY
Piston Body C/W Clips STD	6735-31-2111	6
Piston Body C/W Clips 0.50MM	6735-38-2120	6
Piston, Pin & Clips STD	6735-31-2111WP	6
Piston, Pin & Clips 0.50MM	6735-38-2120WP	6
Piston, Clips & Rings STD	6735-31-2140	6
Piston, Clips & Rings 0.50MM	6735-39-2210	6
Pin Piston	6731-31-2410	6
Retainer Piston Pin	6732-31-2420	12
Ring Set Piston STD	6736-31-2030	6
Ring Set Piston STD	6738-31-2031	6
Ring Set Piston 0.50MM	6732-39-2300	6
Ring Set Piston 1.00MM	6732-38-2300	6
Liner	6736-29-2110	6

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Loaded)	6731-11-1271	1
Cylinder Head (Loaded)	6731-12-1240	1
Cylinder Head (Bare)	6731-11-1370	1
Tappet	6732-41-2112	12
Valve Kit In	6736-41-4110	6
Valve Kit Ex	6736-41-4210	6
Valve Collet	6732-41-4520	24
Valve Guide (Thin Wall)	6736-18-1310	12
Valve Guide In	6736-19-1310	6
Valve Guide Ex	6736-19-1410	6
Valve Insert In	6732-11-1180	6
Valve Insert Ex	6732-11-1170	6
Valve Spring	6732-41-4430	12
Seal Valve Stem	6732-41-4540	12
Retainer Valve Spring Upper	6732-41-4510	12
Rocker Arm In	6732-41-5200	6
Pushrod	6732-41-3111	12
Capscrew Cyl Head	6732-11-1610	6
Capscrew Cyl Head	6732-11-1620	14

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Plug Expansion	6736-21-1810	5
Cylinder Block	6731-21-1270	1
Gear Camshaft	6732-41-1231	1
Bush Camshaft	6732-21-1411	1
Bush Camshaft	6732-21-1412	1
Bush Camshaft O/S #1 Bore	6736-29-1410	1
Bush Camshaft O/S #2-5 Bore	6736-29-1420	1
Camshaft W/O Gear	6736-41-1111	1
Nozzle Piston Cooling	6731-21-1190	

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KOMATSU S6D102E-1AB & SA6D102E-1AB (Build 4B) Engine S/No. 21295204-Up & 21296537-Up

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6731-11-9980	1
Gasket Kit Upper	6735-K1-1100	1
Gasket Kit Lower	6735-01-1210	1
Gasket Cylinder Head	6735-11-1821	1
Gasket Valve Cover	6732-11-8181	6
Gasket Oil Pan	6735-21-5661	1
Gasket In Manifold	6735-11-4812	1
Gasket Ex Manifold	6736-11-5810	6

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6731-51-1111	1
Core Oil Cooler	6735-61-2110	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105220-5610	1
Fuel Feed Pump	DK105220-5960	1
Fuel Lift Pump	6735-71-1721	1
Fuel Lift Pump	6736-72-6530	1
Fuel Line	6735-71-5614	1
Fuel Line	6735-71-5623	1
Fuel Line	6735-71-5633	1
Fuel Line	6735-71-5643	1
Fuel Line	6735-71-5653	1
Fuel Line	6735-71-5663	1
Injector	6733-11-3100	6
Injector	6735-11-3120	6
Injector	6736-11-3100	6
Injector	6736-11-3130	6
Fuel Nozzle Injector	1240617H1	6
Fuel Nozzle Injector	6731-11-3150	6
Fuel Nozzle Injector	6732-11-3140	6
Fuel Nozzle Injector	6734-11-3150	6
Fuel Nozzle Injector	6735-11-3160	6
Seal Injector	6732-11-3850	6

COOLING SYSTEM	PART No	QTY
Water Pump	6731-62-1120	1
Thermostat Kit	6735-61-1690	1
Thermostat Hsg Gasket	6732-61-6240	1

FILTERS	PART No	QTY
Filter Fuel	6732-71-6111	1
Filter Oil	6735-51-5143	1
Filter Oil	6736-51-5142	1
Filter Fuel Separator	6732-71-6120	1
Filter Water	600-411-1151	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP1021.IFK-6	1
Out-Of-Frame Kit	KMP1021.OFK-6	1
Overhaul Kit	KMP1021.EOK-6	1

APPLICATIONS

D41E-6 / P-6 S/No. B20001-Up	PC228US-2-KJ S/No. 15001-Up
D41E-6K/ 6K-B S/No. 50001-Up	PC230-6 / LC-6 S/No. 10001-Up
PC200-6B S/No. C10001-Up	PC240-6K S/No. K30001-Up
PC200-6 / LC-6 / 6H S/No. 80001-Up	PC240LC-6K S/No. K30001-Up
PC200-6 S/No. A83001-Up	PC240NLC-6K S/No. K30001-Up
PC200-6Z / LC-6Z S/No. 80001-Up	PC250-6 S/No. 10001-Up
PC200CA-6 S/No. T10001-Up	PC250HD-6 S/No. 10001-Up
PC200CA-6-C1 S/No. T10001-Up	PC250LC-6 S/No. 10001-Up
PC200CA-6-U1 S/No. T10001-Up	PC250LC-6 S/No. A83001-Up
PC200EL-6K S/No. K30001	GD521A-1E S/No. 12001-Up
PC200EN-6K S/No. K30001	GD530A/AW-2B/2C
PC200LL-6 S/No. A85001-Up	WA180-3/3A S/No. 53001-Up
PC200Z-6LE S/No. A83001-Up	WA180-3 Avance Plus
PC210-6 S/No. 30001-Up	WA180-3 Avance Plus PTC
PC210-6K S/No. K30001-Up	WA180-3L S/No. A80001-Up
PC210LC-6 S/No. A83001-Up	WA180L-3 S/No. 54001-Up
PC210LC-6K S/No. K30001-Up	WA250-3 Avance Plus
PC220-6 / LC-6 S/No. 50001-Up	WA250-3 Avance Plus PTC
PC220LC-6 S/No. A83001-Up	WA250-3A S/No. 53001-Up
PC220LL-6 S/No. A85001-Up	WA250-3L S/No. A70001-Up
PC228USLC-1 S/No. 11001-Up	WA250-3L PTC
PC228USLC-2 S/No. 15001-Up	WA250L-3 S/No. 53001-Up
PC228US-1T S/No. 11001-Up	WA300L-3 S/No. 53001-Up
PC228UU-1-NZ S/No. 11001-Up	WA320-3 Avance Custom

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KOMATSU SA6D102E-1AA (Build 4C) Engine S/No. 21180000-21296536

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6735-01-1310	1
Gear Crankshaft	6732-31-1211	1
Pin Dowel	6732-21-6150	1
Front Seal Kit	6731-21-4220	1
Front Seal & Sleeve Kit	6736-39-1221	1
Rear Seal	6736-21-4221	1
Rear Seal & Sleeve Kit (Wet)	6736-39-1130	1
Rear Seal & Sleeve Kit (Dry)	6736-39-1140	1
Main Metal Upper STD	6735-21-8110	6
Main Metal Lower STD	6735-21-8210	7
Main & Thrust Metal Set STD	6754-22-8100	1
Main & Thrust Metal Set 0.25MM	6754-29-8100	1
Main & Thrust Metal Set 0.50MM	6754-28-8100	1
Main & Thrust Metal Set 0.75MM	6754-27-8100	1
Main & Thrust Metal Set 1.00MM	6754-26-8100	1
Thrust Assy STD	6754-22-8310	1
Thrust Metal 0.50MM	6731-21-8610	1
Thrust Metal 1.00MM	6731-21-8620	1

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Loaded)	6731-12-1240	1
Cylinder Head (Bare)	6731-11-1120	1
Cylinder Head (Bare)	6731-11-1290	1
Tappet	6732-41-2112	12
Valve Kit In	6736-41-4110	6
Valve Kit Ex	6736-41-4210	6
Valve Collet	6732-41-4520	24
Valve Guide (Thin Wall)	6736-18-1310	12
Valve Guide In	6736-19-1310	6
Valve Guide Ex	6736-19-1410	6
Valve Insert In	6732-11-1180	6
Valve Insert In	6736-19-1430	6
Valve Insert Ex	6732-11-1170	6
Valve Spring	6732-41-4430	12
Seal Valve Stem	6732-41-4540	6
Retainer Valve Spring Upper	6732-41-4510	12
Pushrod	6732-41-3111	12
Capscrew Cyl Head	6732-11-1610	6
Capscrew Cyl Head	6732-11-1620	14

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6737-32-3121	6
Bolt Conrod	6732-31-3311	12
Bushing Conrod	6732-31-3132	6
Metal Conrod (Upper) STD	6732-31-3411	12
Metal Conrod (Upper) 0.25MM	6736-39-3400	12
Metal Conrod (Upper) 0.50MM	6736-38-3400	12
Metal Conrod (Upper) 0.75MM	6736-37-3400	12
Metal Conrod (Upper) 1.00MM	6736-36-3400	12

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6731-21-1270	1
Cam Support (Thrust Plate)	6732-41-1220	1
Gear Camshaft	6732-41-1231	1
Bush Camshaft	6732-21-1410	1
Bush Camshaft O/S #1 Bore	6736-29-1410	1
Bush Camshaft O/S #2-5 Bore	6736-29-1420	1
Camshaft W/O Gear	6735-41-1111	1
Nozzle Piston Cooling	6731-21-1190	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP1027	6
Piston, Clips & Rings STD	6736-31-2010	1
Pin Piston	6736-31-2430	1
Liner	6736-29-2110	1
Piston, Clips & Rings STD	6736-31-2010	6
Pin Piston	6731-31-2410	6
Pin Piston	6736-31-2430	6
Retainer Piston Pin	6732-31-2420	12
Ring Set Piston STD	6736-31-2030	6
Ring Set Piston STD	6738-31-2031	6
Ring Set Piston 0.50MM	6732-39-2300	6
Ring Set Piston 1.00MM	6736-31-2050	6
Liner	6736-29-2110	6

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6731-11-9980	1
Gasket Kit Lower	6735-01-1210	1
Gasket Cylinder Head	6735-11-1821	1
Gasket Valve Cover	6732-11-8181	6
Gasket Oil Pan	6735-21-5661	1
Gasket In Manifold	6735-11-4812	1
Gasket Ex Manifold	6736-11-5810	6

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KOMATSU SA6D102E-1AA (Build 4C) Engine S/No. 21180000-21296536

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6731-51-1111	1
Core Oil Cooler	6735-61-2110	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105220-5960	1
Fuel Lift Pump	6735-71-1721	1
Injector	6736-11-3130	6
Fuel Nozzle Injector	6734-11-3150	6

COOLING SYSTEM	PART No	QTY
Water Pump	6731-62-1120	1
Thermostat Kit	6735-61-1690	1
Thermostat Hsg Gasket	6732-61-6240	1

FILTERS	PART No	QTY
Filter Fuel	6732-71-6111	1
Filter Oil	6736-51-5142	1
Filter Fuel Separator	6732-71-6120	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP1027.IFK	1
Out-Of-Frame Kit	KMP1027.OFK	1
Overhaul Kit	KMP1027.EOK	1

APPLICATIONS

PC220LC-6 S/No. A82001-Up
 PC240-6K S/No. K30001-Up
 PC240LC-6K S/No. K30001-Up
 PC240NLC-6K S/No. K30001-Up
 PC250LC-6 S/No. A82001-Up

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KOMATSU SA6D102E-1AC (Build 4D) Engine S/No. 21288263-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6735-01-1310	1
Gear Crankshaft	6732-31-1211	1
Front Seal Kit	6731-21-4220	1
Front Seal & Sleeve Kit	6736-39-1221	1
Rear Seal	6736-21-4221	1
Rear Seal & Sleeve Kit (Wet)	6736-39-1130	1
Rear Seal & Sleeve Kit (Dry)	6736-39-1140	1
Main Metal Upper STD	6735-21-8110	6
Main Metal Lower STD	6735-21-8210	7
Main & Thrust Metal Set STD	6754-22-8100	1
Main & Thrust Metal Set 0.25MM	6754-29-8100	1
Main & Thrust Metal Set 0.50MM	6754-28-8100	1
Main & Thrust Metal Set 0.75MM	6754-27-8100	1
Main & Thrust Metal Set 1.00MM	6754-26-8100	1
Thrust Assy STD	6754-22-8310	1
Thrust Metal 0.50MM	6731-21-8610	1
Thrust Metal 1.00MM	6731-21-8620	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6737-32-3121	6
Bolt Conrod	6732-31-3311	12
Bushing Conrod	6732-31-3132	6
Metal Conrod (Upper) STD	6732-31-3411	12
Metal Conrod (Upper) 0.25MM	6736-39-3400	12
Metal Conrod (Upper) 0.50MM	6736-38-3400	12
Metal Conrod (Upper) 0.75MM	6736-37-3400	12
Metal Conrod (Upper) 1.00MM	6736-36-3400	12

CYLINDER KIT & COMPONENTS	PART No	QTY
Piston Body C/W Clips	6733-31-2120	6
Piston, Clips & Rings STD	6733-31-2110	6
Pin Piston	6731-31-2410	6
Retainer Piston Pin	6732-31-2420	6
Ring Set Piston STD	6731-31-2280	6
Ring Set Piston STD	6736-31-2030	6
Liner	6736-29-2110	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Loaded)	6731-11-1271	1
Cylinder Head (Loaded)	6731-12-1240	1
Cylinder Head (Bare)	6731-11-1120	1
Tappet	6732-41-2112	12
Valve Kit In	6736-41-4110	6
Valve Kit Ex	6736-41-4210	6
Valve Collet	6732-41-4520	24
Valve Guide (Thin Wall)	6736-18-1310	12
Valve Guide In	6736-19-1310	6
Valve Guide Ex	6736-19-1410	6
Valve Insert In	6732-11-1180	6
Valve Insert In	6736-19-1430	6
Valve Insert Ex	6732-11-1170	6
Valve Spring	6732-41-4430	12
Seal Valve Stem	6732-41-4540	12
Retainer Valve Spring Upper	6732-41-4510	12
Pushrod	6732-41-3111	12
Capscrew Cyl Head	6732-11-1610	6
Capscrew Cyl Head	6732-11-1620	14

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6731-21-1270	1
Cam Support (Thrust Plate)	6732-41-1220	1
Gear Camshaft	6732-41-1231	1
Bush Camshaft	6732-21-1410	1
Bush Camshaft O/S #1 Bore	6736-29-1410	1
Bush Camshaft O/S #2-5 Bore	6736-29-1420	1
Camshaft W/O Gear	1307216H1	1
Camshaft W/O Gear	6735-41-1111	1
Nozzle Piston Cooling	6731-21-1190	6



Pin Piston

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KOMATSU SA6D102E-1AC (Build 4D) Engine S/No. 21288263-Up

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6731-11-9980	1
Gasket Kit Lower	6735-01-1210	1
Gasket Cylinder Head	6735-11-1821	1
Gasket Valve Cover	6732-11-8181	6
Gasket Oil Pan	6735-21-5661	1
Gasket In Manifold	6735-11-4812	1
Gasket Ex Manifold	6736-11-5810	6
Gasket Rear Cover	6735-21-4191	1
Gasket Gear Cover	6736-21-3450	1
Gasket	6732-21-3811	A/R
Gasket	6735-71-6610	A/R

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6731-51-1111	1
Core Oil Cooler	6735-61-2110	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	6742-01-5513	1
Fuel Lift Pump	6735-71-1720	1
Fuel Lift Pump	6735-71-1721	1
Injector	6731-11-3130	6
Injector	6733-11-3100	6
Fuel Nozzle Injector	6735-11-3160	6

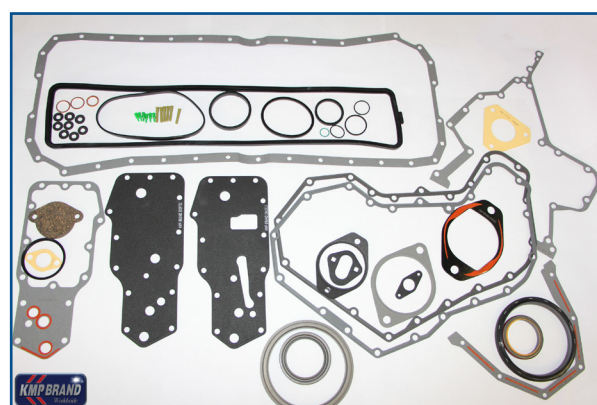
COOLING SYSTEM	PART No	QTY
Water Pump Assy	6731-62-1100	1
Water Pump	6731-62-1120	1
Thermostat Kit	6735-61-1690	1
Thermostat Hsg Gasket	6732-61-6240	1

FILTERS	PART No	QTY
Filter Fuel	6732-71-6111	1
Filter Fuel	6732-71-6320	1
Filter Fuel	6742-01-5065	1
Filter Oil	6735-51-5143	1
Filter Fuel Separator	6732-71-6120	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6733.IFK-6	1
Out-Of-Frame Kit	KMP6733.OFK-6	1
Overhaul Kit	KMP6733.EOK-6	1

APPLICATIONS

GD555-3C S/No. 50001-Up
PC270LC-6 S/No. A83001-Up
PC290LC-6K S/No. K30001-Up
PC290NLC-6K S/No. K30001-Up



Gasket Kit Lower

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KOMATSU SAA6D102E-2 (Build 4E) Engine S/No. 26474903-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6735-01-1310	1
Gear Crankshaft	6732-31-1211	1
Front Seal Kit	6731-21-4220	1
Front Seal & Sleeve Kit	6736-39-1221	1
Rear Seal	6736-21-4221	1
Rear Seal & Sleeve Kit (Wet)	6736-39-1130	1
Rear Seal & Sleeve Kit (Dry)	6736-39-1140	1
Main Metal Upper STD	6735-21-8110	6
Main Metal Lower STD	6735-21-8210	7
Main & Thrust Metal Set STD	6754-22-8100	1
Main & Thrust Metal Set 0.25MM	6754-29-8100	1
Main & Thrust Metal Set 0.50MM	6754-28-8100	1
Main & Thrust Metal Set 0.75MM	6754-27-8100	1
Main & Thrust Metal Set 1.00MM	6754-26-8100	1
Thrust Metal 0.50MM	6731-21-8610	1
Thrust Metal 1.00MM	6731-21-8620	1

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6731-11-1371	1
Tappet	6732-41-2112	12
Valve Kit In	6736-41-4110	6
Valve Kit Ex	6736-41-4210	6
Valve Collet	6732-41-4520	24
Valve Guide (Thin Wall)	6736-18-1310	12
Valve Guide In	6736-19-1310	6
Valve Guide Ex	6736-19-1410	6
Valve Insert In	6732-11-1180	6
Valve Insert Ex	6732-11-1170	6
Valve Spring	6732-41-4430	12
Seal Valve Stem	6732-41-4540	12
Retainer Valve Spring Upper	6732-41-4510	12
Pushrod	6732-41-3111	12
Capscrew Cyl Head	6732-11-1610	6
Capscrew Cyl Head	6732-11-1620	14

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6737-32-3121	6
Bolt Conrod	6732-31-3311	12
Bushing Conrod	6732-31-3132	6
Metal Conrod (Upper) STD	6732-31-3411	12
Metal Conrod (Upper) 0.25MM	6736-39-3400	12
Metal Conrod (Upper) 0.50MM	6736-38-3400	12
Metal Conrod (Upper) 0.75MM	6736-37-3400	12
Metal Conrod (Upper) 1.00MM	6736-36-3400	12

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6731-21-1270	1
Gear Camshaft	6732-41-1231	1
Bush Camshaft	6732-21-1411	1
Bush Camshaft	6732-21-1412	1
Bush Camshaft O/S #1 Bore	6736-29-1410	1
Bush Camshaft O/S #2-5 Bore	6736-29-1420	1
Camshaft W/O Gear	6735-41-1111	1
Nozzle Piston Cooling	6731-21-1190	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP1026	6
Piston Body C/W Clips	6738-31-2111	1
Pin Piston	6731-31-2410	1
Ring Set Piston	6738-31-2031	1
Liner	6736-29-2110	1
Piston Body C/W Clips	6738-31-2111	6
Piston, Pin & Clips	6738-31-2140	6
Pin Piston	6731-31-2410	6
Retainer Piston Pin	6732-31-2420	12
Ring Set Piston	6738-31-2031	6
Liner	6736-29-2110	6

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6731-11-9980	1
Gasket Kit Upper	6738-K1-1100	1
Gasket Kit Lower	6735-01-1210	1
Gasket Kit Lower	6738-K2-1100	1
Gasket Cylinder Head	6735-11-1821	1
Gasket Valve Cover	6732-11-8181	6
Gasket Oil Pan	6735-21-5661	1
Gasket Oil Pan	6754-21-5840	1
Gasket In Manifold	6735-11-4812	1
Gasket Ex Manifold	6736-11-5810	6

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KOMATSU SAA6D102E-2 (Build 4E) Engine S/No. 26474903-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6731-51-1111	1
Core Oil Cooler	6735-61-2110	1
Core Oil Cooler	6735-62-2110	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105220-5960	1
Fuel Line	6735-71-5643	1
Fuel Line	6735-71-5653	1
Fuel Line	6735-71-5663	1
Injector	6738-11-3090	6
Fuel Nozzle Injector	6738-11-3120	6

COOLING SYSTEM	PART No	QTY
Water Pump	6731-62-1120	1
Thermostat	6735-61-6471	1
Thermostat Hsg Gasket	6732-61-6240	1

FILTERS	PART No	QTY
Air Filter Inner	600-185-4120	1
Filter Fuel	6732-71-6111	1
Filter Oil	6736-51-5142	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP1026.IFK-6	1
Out-Of-Frame Kit	KMP1026.OFK-6	1
Overhaul Kit	KMP1026.EOK-6	1

APPLICATIONS

PC200-7-W1 S/No. 200001-Up
 PC200LC-7 S/No. 200001-Up
 PC200LC-7B S/No. C50001-Up
 PC200LC-7L S/No. A86001-Up
 PC200LC-7-US / W1 S/No. 200001-Up
 PC210-7K S/No. K40001-Up
 PC210LC-7K S/No. K40001-Up
 PC210NLC-7K S/No. K40001-Up
 PC220-7-W1 S/No. 60001-Up
 PC220LC-7 S/No. 60001-Up
 PC220LC-7-W1 S/No. 60001-Up
 PC220LC-7L S/No. A60001-Up
 PC228US-3-KU S/No. 20001-Up
 PC228US-3-US-3-W1 S/No. 20001-Up
 PC240LC-7K S/No. K40001-Up
 PC240NLC-7K S/No. K40001-Up
 PC270LC-7 S/No. A86001-Up
 PC270LC-7L S/No. A86001-Up
 PC270LC-7MH
 PC290LC-7K S/No. K40001-Up
 PC290NLC-7K S/No. K40001-Up
 PW200-7K S/No. K40001-Up



Pushrod

KOMATSU 4D105-3C (Build 5A) Engine S/No. 40138-Up

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft C/W Gear	6131-32-1101	1
Gear Crankshaft	6130-31-1130	1
Bushing Crankshaft	6130-31-6120	1
Front Seal	6130-22-3290	1
Rear Seal	6130-21-4231	1
Main Metal Assy STD	6130-21-8011	3
Main Metal Assy STD	6130-21-8021	2
Main Metal Assy STD	6130-21-8101	2
Main Metal Assy 0.25MM	6130-29-8101	1
Main Metal Assy 0.50MM	6130-28-8101	1
Main Metal Assy 0.75MM	6130-27-8101	1
Main Metal Assy 1.00MM	6130-26-8101	1
Thrust Metal STD	6130-21-8500	1
Thrust Metal 0.25MM	6130-29-8500	1
Thrust Metal 0.50MM	6130-28-8500	1
Thrust Metal 0.75MM	6130-27-8500	1
Thrust Metal 1.00MM	6130-26-8500	1
Main & Thrust Metal Set STD	6130-21-8001	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6130-32-3100	4
Washer	6114-31-3330	8
Bolt Conrod	6110-31-3315	8
Nut Conrod	6110-31-3322	8
Bushing Conrod	6130-31-3130	4
Metal Conrod STD	6130-31-3041	4
Metal Conrod 0.25MM	6130-39-3041	4
Metal Conrod 0.50MM	6130-38-3041	4
Metal Conrod 0.75MM	6130-37-3041	4
Metal Conrod 1.00MM	6130-36-3041	4

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP6130	4
Piston Body C/W Clips	6130-32-2110	1
Pin Piston	6130-31-2410	1
Ring Set Piston	6130-32-2302	1
Liner Seal Kit	KMP-SK-105A	1
Liner	6130-22-2310	1
Piston Body C/W Clips	6130-32-2110	4
Pin Piston	6130-31-2410	4
Retainer Piston Pin	6130-31-2510	8
Ring Set Piston	6130-32-2302	4
Liner Seal Kit	KMP-SK-105A	4
Liner	6130-22-2310	4
Liner & Seal Kit	6130-22-2310S	4

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6130-11-1200	1
Sleeve Injector	6130-11-1131	4
Tappet	6130-41-2113	8
Valve In	6130-41-4131	4
Valve Ex	6130-41-4210	4
Valve Collet	6130-41-4520	16
Valve Guide	6130-19-1310	8
Valve Insert Ex	6130-11-1323	4
Valve Spring	6130-41-4410	8
Retainer Valve Spring Upper	6130-41-4511	8
Retainer Valve Spring Lower	6130-41-4620	8
Push Rod	6130-42-3110	8
Capscrew Cyl Head	6130-12-1610	10

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Cylinder Block	6131-22-1100	1
Gear Camshaft	6130-42-1121	1
Bush Camshaft	6130-21-1410	1
Bush Camshaft	6130-21-1420	1
Bush Camshaft	6130-21-1430	1
Camshaft C/W Gear	6130-42-1600	1

GASKET KITS & COMPONENTS

	PART No	QTY
Gasket Kit Upper	6131-K1-9901	1
Gasket Kit Lower	6130-K2-9901	1
Gasket Cylinder Head	6131-11-1812	1
Gasket Valve Cover	6130-11-7821	1
Gasket Oil Pan	6130-21-5812	1
Gasket In Manifold	6136-11-4850	1
Gasket Ex Manifold	6131-12-5810	1
Gasket Ex Manifold	6132-11-5810	1
Gasket	07005-01412	A/R
Gasket	6610-71-8350	A/R

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KOMATSU 4D105-3C (Build 5A) Engine S/No. 40138-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6130-52-1005	1

APPLICATIONS

D31A-16 S/No. 25001-Up
D31P, PL, PLL-16 S/No. 25001-Up
D31P-16A S/No. 25001-Up
D31Q-16 S/No. 25001-Up
D31S-16 S/No. 25001-Up

FUEL SYSTEM	PART No	QTY
Fuel Pump Priming	DK152200-1120	1
Fuel Feed Pump	DK105220-1810	1
Injector	6130-12-3100	4
Fuel Nozzle Injector	6130-11-3530	4
Seal Washer	07005-00812	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6130-62-1302	1
Pulley Water Pump	6130-62-3220	1
Shaft Water Pump	6130-62-1310	1
Shaft Water Pump	6130-62-1410	1
Impeller Water Pump	6130-62-1330	1
O-Ring Water Pump	02891-02108	1
Seal Water Pump	6130-61-1521	1
Thermostat	600-421-6110	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Air Filter Inner	600-181-9320	1
Air Filter Outer	600-181-9220	1
Filter Fuel	600-311-8222	1
Filter Oil	600-211-5242	2

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6130.IFK	1
Out-Of-Frame Kit	KMP6130.OFK	1
Overhaul Kit	KMP6130.EOK	1



Liner Seal Kit



Liner

KOMATSU 4D105-5H/5J/5T (Build 5B) Engine S/No. 102876-152519

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft C/W Gear	6134-31-1100	1
Gear Crankshaft	6136-31-1120	1
Front Seal	6136-22-3510	1
Rear Seal	6130-21-4231	1
Rear Seal	6130-22-4231	1
Main Metal Assy STD	6136-21-8010	5
Main Metal Assy 0.25MM	6136-29-8010	5
Main Metal Assy 0.50MM	6136-28-8010	5
Main Metal Assy 0.75MM	6136-27-8010	5
Main Metal Assy 1.00MM	6136-26-8010	5
Thrust Metal STD	6134-21-8050	1
Thrust Metal 0.25MM	6134-29-8050	1
Thrust Metal 0.50MM	6134-28-8050	1
Thrust Metal 0.75MM	6134-27-8050	1
Thrust Metal 1.00MM	6134-26-8050	1
Main & Thrust Metal Set STD	6134-22-8000	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6136-31-3101	4
Conrod	6136-32-3102	4
Bolt Conrod	6136-32-3311	8
Bushing Conrod	6136-31-3130	4
Bushing Conrod	6136-32-3130	4
Metal Conrod STD	6138-31-3040	4
Metal Conrod 0.25MM	6138-39-3040	4
Metal Conrod 0.50MM	6138-38-3040	4
Metal Conrod 0.75MM	6138-37-3040	4
Metal Conrod 1.00MM	6138-36-3040	4

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP6136	4
Piston Body C/W Clips	6136-32-2110	1
Pin Piston	6136-31-2410	1
Ring Set Piston	6136-31-2030	1
Liner Seal Kit	KMP-SK-105B	1
Liner	6137-22-2210	1
Piston Body C/W Clips	6136-32-2110	4
Piston, Pin & Clips	6136-32-2010	4
Pin Piston	6136-31-2410	4
Retainer Piston Pin	04065-04018	8
Ring Set Piston	6136-31-2030	4
Liner Seal Kit	KMP-SK-105B	4
Liner	6137-22-2210	4
Liner & Seal Kit	6137-22-2210S	4

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6134-11-1101	1
Sleeve Injector	6136-11-1130	4
Tappet	6136-41-2111	8
Tappet	6136-42-2111	8
Valve In	6136-41-4110	4
Valve Ex	6136-41-4211	4
Valve Collet	6136-41-4520	16
Valve Guide	6136-19-1331	8
Valve Insert In	6136-11-1311	4
Valve Insert Ex	6134-11-1320	4
Valve Spring	6136-41-4410	8
Retainer Valve Spring Upper	6136-41-4510	8
Retainer Valve Spring Upper	6136-42-4510	8
Retainer Valve Spring Lower	6136-41-4530	8
Push Rod	6136-41-3110	8
Push Rod	6136-42-3120	8
Capscrew Cyl Head	6136-11-1610	18
Capscrew Cyl Head	6136-12-1610	18

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Cylinder Block	6134-21-1201	1
Cylinder Block	6134-22-1200	1
Gear Camshaft	6136-41-1120	1
Bush Camshaft	6136-21-1410	3
Camshaft C/W Gear	6134-41-1100	1
Camshaft C/W Gear	6134-42-1100	1

GASKET KITS & COMPONENTS

	PART No	QTY
Gasket Kit Upper	6134-K1-9901	1
Gasket Kit Lower	6134-K2-9901	1
Gasket Cylinder Head	6135-12-1811	1
Gasket Valve Cover	6134-11-8810	1
Gasket Oil Pan	6134-21-5830	1
Gasket In Manifold	6136-11-4850	2
Gasket Ex Manifold	6135-11-5810	2
Gasket Front Cover Plate	6136-21-3840	1
Oil Seal	6150-71-1910	A/R

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KOMATSU 4D105-5H/5J/5T (Build 5B) Engine S/No. 102876-152519

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6134-51-1000	1
Oil Pump	6134-52-1100	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	ND092100-0561	1
Injector	6134-11-3100	4
Injector	6134-11-3300	4
Injector	6134-12-3100	4
Fuel Nozzle Injector	6134-12-3120	4
Fuel Nozzle Injector	ND093400-0980	4
Seal Washer	07005-00812	2

COOLING SYSTEM	PART No	QTY
Water Pump	6134-61-1410	1
Impeller Water Pump	6134-61-1330	1
O-Ring Water Pump	02891-02108	1
Seal Water Pump	6131-62-1340	1
Seal Water Pump	6211-61-1530	1
Thermostat	600-421-6210	1
Thermostat Hsg Gasket	6136-11-6810	1

FILTERS	PART No	QTY
Air Filter Assy	600-181-9500	1
Filter Fuel	600-311-6221	1
Filter Oil	6136-51-5121	1
Filter Fuel Separator	600-311-9700	1
Filter Fuel Separator	600-311-9800	1
Filter Water	600-411-1191	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6136.IFK-4	1
Out-Of-Frame Kit	KMP6136.OFK-4	1
Overhaul Kit	KMP6136.EOK-4	1

APPLICATIONS

D31A-17 S/No. 32001-Up
D31E-17 S/No. 32001-Up
D31P-17 S/No. 32001-Up
D31P-17A S/No. 32001-Up
D31Q-17 S/No. 32001-Up
D31S-17 S/No. 32001-Up
GD300-A S/No. 2001-Up



Metal Conrod 0.75MM



Conrod & Metal Set

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KOMATSU 4D105-5H/5T (Build 5C) Engine S/No. 152520-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6134-31-1100	1
Gear Crankshaft	6136-31-1120	1
Front Seal	6136-22-3510	1
Rear Seal	6130-21-4231	1
Main Metal Assy STD	6136-21-8010	5
Main Metal Assy 0.25MM	6136-29-8010	5
Main Metal Assy 0.50MM	6136-28-8010	5
Main Metal Assy 0.75MM	6136-27-8010	5
Main Metal Assy 1.00MM	6136-26-8010	5
Thrust Metal STD	6134-21-8050	1
Thrust Metal 0.25MM	6134-29-8050	1
Thrust Metal 0.50MM	6134-28-8050	1
Thrust Metal 0.75MM	6134-27-8050	1
Thrust Metal 1.00MM	6134-26-8050	1
Main & Thrust Metal Set STD	6134-22-8000	1

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6134-12-1400	4
Sleeve Injector	6136-11-1130	4
Tappet	6136-42-2111	8
Valve In	6136-42-4110	4
Valve Ex	6136-42-4211	4
Valve Collet	6136-42-4520	16
Valve Guide	6136-19-1430	8
Valve Insert In	6136-12-1310	4
Valve Insert Ex	6136-12-1320	4
Valve Spring	6136-42-4410	8
Retainer Valve Spring Upper	6136-42-4510	8
Retainer Valve Spring Lower	6136-41-4530	8
Push Rod	6136-42-3120	8
Capscrew Cyl Head	6136-11-1610	18
Capscrew Cyl Head	6136-12-1610	18

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6136-32-3102	4
Bolt Conrod	6136-32-3311	8
Bushing Conrod	6136-32-3130	4
Metal Conrod STD	6138-31-3040	4
Metal Conrod 0.25MM	6138-39-3040	4
Metal Conrod 0.50MM	6138-38-3040	4
Metal Conrod 0.75MM	6138-37-3040	4
Metal Conrod 1.00MM	6138-36-3040	4

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6134-22-1200	1
Gear Camshaft	6136-41-1120	1
Bush Camshaft	6136-21-1410	3
Camshaft C/W Gear	6134-42-1100	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP2030	4
Piston Body C/W Clips	6136-32-2120	1
Pin Piston	6136-31-2410	1
Ring Set Piston	6136-31-2030	1
Liner Seal Kit	KMP-SK-105B	1
Liner	6137-22-2210	1
Piston Body C/W Clips	6136-32-2120	4
Piston, Pin & Clips	6136-32-2020	4
Pin Piston	6136-31-2410	4
Retainer Piston Pin	04065-04018	8
Ring Set Piston	6136-31-2030	4
Liner Seal Kit	KMP-SK-105B	4
Liner	6137-22-2210	4
Liner & Seal Kit	6137-22-2210S	4

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6134-K1-9901	1
Gasket Kit Lower	6134-K2-9901	1
Gasket Cylinder Head	6135-12-1811	1
Gasket Valve Cover	6134-11-8810	1
Gasket Oil Pan	6134-21-5830	2
Gasket In Manifold	6136-11-4850	2
Gasket Ex Manifold	6135-11-5810	2
Gasket Front Cover Plate	6136-21-3840	1
Seal Oil Cooler	07000-22021	4

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6134-52-1100	1

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KOMATSU 4D105-5H/5T (Build 5C) Engine S/No. 152520-Up

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	ND092100-0561	1
Injector	6134-11-3300	4
Fuel Nozzle Injector	6134-11-3310	4
Packing	6136-11-3131	4

COOLING SYSTEM	PART No	QTY
Water Pump	6134-61-1410	1
Seal Water Pump	6131-62-1340	1
Thermostat	600-421-6210	1
Thermostat Hsg Gasket	6136-11-6810	1

FILTERS	PART No	QTY
Air Filter Assy	600-181-9500	1
Filter Fuel	600-311-6221	1
Filter Oil	6136-51-5121	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2030.IFK	1
Out-Of-Frame Kit	KMP2030.OFK	1
Overhaul Kit	KMP2030.EOK	1

APPLICATIONS

D31A-17 S/No. 32001-Up
D31E-17 S/No. 32001-Up
D31P-17 S/No. 32001-Up
D31P-17A S/No. 32001-Up
D31Q-17 S/No. 32001-Up
D31S-17 S/No. 32001-Up



Gasket Kit Upper

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KOMATSU S4D105-1 & 2 (Build 5D) Engine S/No. 19078-Up

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft C/W Gear	6131-32-1101	1
Gear Crankshaft	6130-31-1130	1
Front Seal	6130-21-3230	1
Rear Seal	6130-21-4231	1
Main Metal Assy STD	6130-21-8011	3
Main Metal Assy STD	6130-21-8021	2
Main Metal Assy STD	6130-21-8101	1
Main Metal Assy 0.25MM	6130-29-8101	1
Main Metal Assy 0.50MM	6130-28-8101	1
Main Metal Assy 0.75MM	6130-27-8101	1
Main Metal Assy 1.00MM	6130-26-8101	1
Thrust Metal STD	6130-21-8500	1
Thrust Metal 0.25MM	6130-29-8500	1
Thrust Metal 0.50MM	6130-28-8500	1
Thrust Metal 0.75MM	6130-27-8500	1
Thrust Metal 1.00MM	6130-26-8500	1
Main & Thrust Metal Set STD	6130-21-8000	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6130-31-3900	4
Bolt Conrod	6110-31-3315	8
Nut Conrod	6110-31-3322	8
Bushing Conrod	6130-31-3130	4
Metal Conrod STD	6130-31-3041	4
Metal Conrod 0.25MM	6130-39-3041	4
Metal Conrod 0.50MM	6130-38-3041	4
Metal Conrod 0.75MM	6130-37-3041	4
Metal Conrod 1.00MM	6130-36-3041	4

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP2100	4
Piston Body C/W Clips	6131-31-2110	1
Pin Piston	6130-31-2410	1
Retainer Piston Pin	6130-31-2510	2
Ring Set Piston	6131-31-2301	1
Liner Seal Kit	KMP-SK-105A	1
Liner	6130-21-2213	1
Piston Body C/W Clips	6131-31-2110	4
Piston, Pin & Clips	6131-31-2100	4
Pin Piston	6130-31-2410	4
Retainer Piston Pin	6130-31-2510	8
Ring Set Piston	6131-31-2201	1
Ring Set Piston	6131-31-2301	4
Liner Seal Kit	KMP-SK-105B	4
Liner	6130-21-2213	4

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6131-11-1201	1
Sleeve Injector	6130-11-1131	4
Tappet	6130-41-2113	8
Valve In	6131-42-4120	4
Valve Ex	6130-41-4210	4
Valve Collet	6130-41-4520	16
Valve Guide	6130-19-1310	8
Valve Insert In	6131-12-1310	4
Valve Insert Ex	6130-11-1323	4
Valve Spring	6130-41-4410	8
Seal Valve Stem	6130-41-4541	4
Retainer Valve Spring Upper	6130-41-4511	8
Retainer Valve Spring Lower	6130-41-4620	8
Push Rod	6130-42-3110	8
Capscrew Cyl Head	6130-11-1611	10

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Cylinder Block	6130-21-1302	1
Camshaft Gear	6130-41-1120	1
Bush Camshaft	6130-21-1410	1
Bush Camshaft	6130-21-1420	1
Bush Camshaft	6130-21-1430	1
Camshaft C/W Gear	6130-41-1001	1

GASKET KITS & COMPONENTS

	PART No	QTY
Gasket Kit Upper	6131-K1-9901	1
Gasket Kit Lower	6131-K2-9901	1
Gasket Cylinder Head	6131-11-1812	1
Gasket Valve Cover	6130-11-7821	1
Gasket Oil Pan	6130-21-5812	1
Gasket In Manifold	6130-11-4811	1
Gasket Ex Manifold	6132-11-5810	1



Seal Valve Stem

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KOMATSU S4D105-1 & 2 (Build 5D) Engine S/No. 19078-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6130-51-1002	1
Core Oil Cooler	6130-61-2270	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105220-4100	1
Injector	6131-11-3100	4
Fuel Nozzle Injector	6131-11-3130	4

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6131-61-1202	1
Thermostat	600-421-6110	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Filter Oil	600-211-5242	2

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2100.IFK	1
Out-Of-Frame Kit	KMP2100.OFK	1
Overhaul Kit	KMP2100.EOK	1

APPLICATIONS

D40A-1 S/No. 1501-Up
D40AF-1A S/No 2201-Up
D40PF-1A S/No 2201-Up
D40PL-1 S/No. 1501-Up
D45A-1 S/No. 1501-Up
D45P-1 S/No. 1501-Up

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KOMATSU S4D105-3 (Build 5E) Engine S/No. 44579-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6131-32-1101	1
Gear Crankshaft	6130-31-1130	1
Front Seal	6130-22-3290	1
Rear Seal	6130-21-4231	1
Main Metal Assy STD	6130-21-8011	3
Main Metal Assy STD	6130-21-8021	2
Main Metal Assy STD	6130-21-8101	1
Main Metal Assy 0.25MM	6130-29-8101	1
Main Metal Assy 0.50MM	6130-28-8101	1
Main Metal Assy 0.75MM	6130-27-8101	1
Main Metal Assy 1.00MM	6130-26-8101	1
Thrust Metal STD	6130-21-8500	1
Thrust Metal 0.25MM	6130-29-8500	1
Thrust Metal 0.50MM	6130-28-8500	1
Thrust Metal 0.75MM	6130-27-8500	1
Thrust Metal 1.00MM	6130-26-8500	1
Main & Thrust Metal Set STD	6130-21-8001	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6130-32-3100	4
Bolt Conrod	6110-31-3315	8
Nut Conrod	6110-31-3322	8
Bushing Conrod	6130-31-3130	4
Metal Conrod STD	6130-31-3041	4
Metal Conrod 0.25MM	6130-39-3041	4
Metal Conrod 0.50MM	6130-38-3041	4
Metal Conrod 0.75MM	6130-37-3041	4
Metal Conrod 1.00MM	6130-36-3041	4

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6131	4
Piston Body C/W Clips	6131-32-2120	1
Pin Piston	6130-31-2410	1
Ring Set Piston	6131-32-2302	1
Liner Seal Kit	KMP-SK-105A	1
Liner	6130-22-2310	1
Piston Body C/W Clips	6131-32-2120	4
Piston, Pin & Clips	6131-32-2120WP	4
Pin Piston	6130-31-2410	4
Retainer Piston Pin	6130-31-2510	8
Ring Set Piston	6131-32-2302	4
Liner Seal Kit	KMP-SK-105B	4
Liner	6130-22-2310	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6131-12-1201	1
Sleeve Injector	6130-11-1131	4
Tappet	6130-41-2113	8
Valve In	6131-42-4110	4
Valve Ex	6130-41-4210	4
Valve Collet	6130-41-4520	16
Valve Guide	6130-19-1310	8
Valve Insert In	6131-12-1310	4
Valve Insert Ex	6130-11-1323	4
Valve Spring	6130-41-4410	8
Seal Valve Stem	6130-41-4541	4
Retainer Valve Spring Upper	6130-41-4511	8
Retainer Valve Spring Lower	6130-41-4620	8
Push Rod	6130-42-3110	8
Capscrew Cyl Head	6130-12-1610	10

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6131-22-1100	1
Gear Camshaft	6130-42-1121	1
Bush Camshaft	6130-21-1410	1
Bush Camshaft	6130-21-1420	1
Bush Camshaft	6130-21-1430	1
Camshaft C/W Gear	6130-42-1600	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6131-K1-9901	1
Gasket Kit Lower	6131-K2-9901	1
Gasket Cylinder Head	6131-11-1812	1
Gasket Valve Cover	6130-11-7821	1
Gasket Oil Pan	6130-21-5812	1
Gasket In Manifold	6130-11-4811	1
Gasket Ex Manifold	6132-11-5810	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6131-52-1001	1
Core Oil Cooler	6130-62-2120	1

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KOMATSU S4D105-3 (Build 5E) Engine S/No. 44579-Up

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105220-1810	1
Injector	6131-12-3100	4
Fuel Nozzle Injector	6131-11-3530	4

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6131-62-1205	1
Thermostat	600-421-6110	1
Thermostat Gasket	6140-11-6331	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8222	1
Filter Oil	600-211-5242	2

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6131.IFK	1
Out-Of-Frame Kit	OFK6131-105/3	1
Overhaul Kit	KMP6131.EOK	1

APPLICATIONS

D40A-1 S/No. 1501-Up

D40PL-1 S/No. 1501-Up

D45A-1 S/No. 1501-Up

D45P-1 S/No. 1501-Up



Filters

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KOMATSU S4D105-5A/B (Build 5F) Engine S/No. 100028-149999

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6134-31-1100	1
Gear Crankshaft	6136-31-1120	1
Front Seal	6136-22-3510	1
Rear Seal	6130-21-4231	1
Main Metal Assy STD	6136-21-8010	5
Main Metal Assy 0.25MM	6136-29-8010	5
Main Metal Assy 0.50MM	6136-28-8010	5
Main Metal Assy 0.75MM	6136-27-8010	5
Main Metal Assy 1.00MM	6136-26-8010	5
Thrust Metal STD	6134-21-8050	1
Thrust Metal 0.25MM	6134-29-8050	1
Thrust Metal 0.50MM	6134-28-8050	1
Thrust Metal 0.75MM	6134-27-8050	1
Thrust Metal 1.00MM	6134-26-8050	1
Main & Thrust Metal Set STD	6134-22-8000	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6136-31-3101	4
Bolt Conrod	6136-32-3311	8
Bushing Conrod	6136-31-3130	4
Metal Conrod STD	6138-31-3040	4
Metal Conrod 0.25MM	6138-39-3040	4
Metal Conrod 0.50MM	6138-38-3050	4
Metal Conrod 0.75MM	6138-37-3050	4
Metal Conrod 1.00MM	6138-36-3050	4

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP2032	4
Piston Body C/W Clips	6137-31-2112	1
Pin Piston	6137-31-2410	1
Ring Set Piston	6137-31-2032	1
Liner Seal Kit	6137-22-2210	1
Liner	KMP-SK-105B	1
Piston Body C/W Clips	6137-31-2112	4
Piston, Pin & Clips	6137-31-2012	4
Pin Piston	6137-31-2410	4
Retainer Piston Pin	04065-04018	8
Ring Set Piston	6137-31-2032	4
Liner Seal Kit	KMP-SK-105B	4
Liner	6137-22-2210	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6135-11-1101	1
Sleeve Injector	6136-11-1130	4
Tappet	6136-41-2111	8
Valve In	6136-41-4110	4
Valve Ex	6136-41-4211	4
Valve Collet	6136-41-4520	16
Valve Guide	6136-19-1331	8
Valve Insert In	6136-11-1311	4
Valve Insert Ex	6134-11-1320	4
Valve Spring	6136-41-4410	8
Retainer Valve Spring Upper	6136-41-4510	8
Retainer Valve Spring Lower	6136-41-4530	8
Push Rod	6136-41-3110	8
Capscrew Cyl Head	6136-12-1610	18

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6134-21-1201	1
Gear Camshaft	6136-41-1120	1
Bush Camshaft	6136-21-1410	3
Camshaft C/W Gear	6134-41-1100	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6135-K1-9901	1
Gasket Kit Lower	6135-K2-9901	1
Gasket Cylinder Head	6135-12-1811	1
Gasket Valve Cover	6134-11-8810	1
Gasket Oil Pan	6134-21-5830	1
Gasket In Manifold	6136-11-4850	2
Gasket Ex Manifold	6135-11-5810	2



Retainer Piston Pin

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KOMATSU S4D105-5A/B (Build 5F) Engine S/No. 100028-149999

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6134-51-1000	1
Core Oil Cooler	600-651-1421	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105220-4940	1
Injector	6137-11-3100	4
Fuel Nozzle Injector	6137-11-3120	4

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6134-61-1100	1
Thermostat	600-421-6210	1
Thermostat Hsg Gasket	6136-11-6810	1

FILTERS	PART No	QTY
Filter Fuel	600-311-6221	1
Filter Oil	6136-51-5121	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2032.IFK-4	1
Out-Of-Frame Kit	KMP2032.OFK-4	1
Overhaul Kit	KMP2032.EOK-4	1

APPLICATIONS

PC100-1 S/No. 1001-Up
 PC100-2 S/No. 1001-Up
 PC-120-2 S/No. 14001-Up
 PW100-1 S/No. 1003-Up

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KOMATSU S4D105-5A/B (Build 5G) Engine S/No. 150001-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6134-31-1100	1
Gear Crankshaft	6136-31-1120	1
Front Seal	6136-22-3510	1
Rear Seal	6130-21-4231	1
Main Metal Assy STD	6136-21-8010	5
Main Metal Assy 0.25MM	6136-29-8010	5
Main Metal Assy 0.50MM	6136-28-8010	5
Main Metal Assy 0.75MM	6136-27-8010	5
Main Metal Assy 1.00MM	6136-26-8010	5
Thrust Metal STD	6134-21-8050	1
Thrust Metal 0.25MM	6134-29-8050	1
Thrust Metal 0.50MM	6134-28-8050	1
Thrust Metal 0.75MM	6134-27-8050	1
Thrust Metal 1.00MM	6134-26-8050	1
Main & Thrust Metal Set STD	6134-22-8000	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6136-32-3102	4
Bolt Conrod	6136-32-3311	8
Bushing Conrod	6136-32-3130	4
Metal Conrod STD	6138-31-3040	4
Metal Conrod 0.25MM	6138-39-3050	4
Metal Conrod 0.50MM	6138-38-3050	4
Metal Conrod 0.75MM	6138-37-3050	4
Metal Conrod 1.00MM	6138-36-3050	4

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP2010	4
Piston Body C/W Clips	6137-32-2110	1
Pin Piston	6137-31-2410	1
Ring Set Piston	6137-31-2032	1
Liner Seal Kit	KMP-SK-105B	1
Liner	6137-22-2210	1
Piston Body C/W Clips	6137-32-2110	4
Piston, Pin & Clips	6137-32-2010	4
Pin Piston	6137-31-2410	4
Retainer Piston Pin	04065-04018	8
Ring Set Piston	6137-31-2032	4
Liner Seal Kit	KMP-SK-105B	4
Liner	6137-22-2210	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6135-11-1101	1
Sleeve Injector	6136-11-1130	4
Tappet	6136-42-2111	8
Valve In	6136-42-4110	4
Valve Ex	6136-42-4211	4
Valve Collet	6136-42-4520	16
Valve Guide	6136-19-1430	8
Valve Insert In	6136-12-1310	4
Valve Insert Ex	6134-11-1320	4
Valve Spring	6136-42-4410	8
Retainer Valve Spring Upper	6136-42-4510	8
Retainer Valve Spring Lower	6136-41-4530	8
Push Rod	6136-42-3120	8
Capscrew Cyl Head	6136-12-1610	18

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6134-22-1200	1
Gear Camshaft	6136-41-1120	1
Bush Camshaft	6136-21-1410	3
Camshaft C/W Gear	6135-42-1100	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6135-K1-9901	1
Gasket Kit Lower	6135-K2-9901	1
Gasket Cylinder Head	6135-12-1811	1
Gasket Valve Cover	6134-11-8810	1
Gasket Oil Pan	6134-21-5830	1
Gasket In Manifold	6136-11-4850	2
Gasket Ex Manifold	6135-11-5810	2

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6134-52-1100	1
Core Oil Cooler	600-651-1421	1

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KOMATSU S4D105-5A/B (Build 5G) Engine S/No. 150001-Up

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105220-5090	1
Injector	6137-12-3100	4
Fuel Nozzle Injector	6137-12-3120	4

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6134-61-1100	1
Thermostat	600-421-6210	1
Thermostat Hsg Gasket	6136-11-6810	1

FILTERS	PART No	QTY
Filter Fuel	600-311-6221	1
Filter Oil	6136-51-5121	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2010.IFK	1
Out-Of-Frame Kit	KMP2010.OFK	1
Overhaul Kit	KMP2010.EOK	1

APPLICATIONS

PC100-1 S/No. 1001-Up
 PC100-2 S/No. 1001-Up
 PC-120-2 S/No. 14001-Up
 PW100-1 S/No. 1003-Up



Piston Body C/W Clips

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KOMATSU 6D105-1 (Build 6A) Engine S/No. 12218-49999

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft W/O Gear	6136-31-1110	1
Gear Crankshaft	6136-31-1120	1
Front Seal	6136-22-3510	1
Rear Seal	6130-21-4231	1
Rear Seal	6130-22-4231	1
Main Metal Assy STD	6136-21-8010	7
Main Metal Assy STD (Set)	6136-21-8010S	1
Main Metal Assy 0.25MM	6136-29-8010	7
Main Metal Assy 0.25MM (Set)	6136-29-8010S	1
Main Metal Assy 0.50MM	6136-28-8010	7
Main Metal Assy 0.50MM (Set)	6136-28-8010S	1
Main Metal Assy 0.75MM	6136-27-8010	7
Main Metal Assy 0.75MM (Set)	6136-27-8010S	1
Main Metal Assy 1.00MM	6136-26-8010	7
Main Metal Assy 1.00MM (Set)	6136-26-8010S	1
Thrust Metal STD	6134-21-8050	1
Thrust Metal 0.25MM	6134-29-8050	1
Thrust Metal 0.50MM	6134-28-8050	1
Thrust Metal 0.75MM	6136-27-8050	1
Thrust Metal 1.00MM	6136-26-8050	1
Main & Thrust Metal Set STD	6136-21-8000	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6136-32-3102	6
Bolt Conrod	6136-32-3311	12
Bushing Conrod	6136-31-3130	6
Metal Conrod STD	6138-31-3040	6
Metal Conrod 0.25MM	6138-39-3050	6
Metal Conrod 0.50MM	6138-38-3050	6
Metal Conrod 0.75MM	6138-37-3050	6
Metal Conrod 1.00MM	6138-36-3050	6

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP2112	6
Piston Body C/W Clips	6136-31-2112	1
Pin Piston	6136-31-2410	1
Ring Set Piston	6136-31-2030	1
Liner Seal Kit	6137-22-2210	1
Liner	KMP-SK-105B	1
Piston Body C/W Clips	6136-31-2112	6
Piston, Pin & Clips	6136-31-2012	6
Pin Piston	6136-31-2410	6
Retainer Piston Pin	04065-04018	12
Ring Set Piston	6136-31-2030	6
Liner Seal Kit	KMP-SK-105B	6
Liner	6137-22-2210	6
Liner & Seal Kit	6137-22-2210S	6

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6136-11-1201	1
Cylinder Head (Bare)	6136-11-1301	1
Sleeve Injector	6136-11-1130	6
Tappet	6136-41-2111	12
Valve In	6136-41-4110	6
Valve Ex	6136-41-4211	6
Valve Collet	6136-41-4520	24
Valve Guide	6136-19-1331	12
Valve Insert In	6136-11-1311	6
Valve Insert Ex	6134-11-1320	6
Valve Spring	6136-41-4410	12
Retainer Valve Spring Upper	6136-41-4510	12
Retainer Valve Spring Lower	6136-41-4530	12
Push Rod	6136-41-3110	12
Capscrew Cyl Head	6136-12-1610	26

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Cylinder Block	6136-21-1022	1
Gear Camshaft	6136-41-1120	1
Bush Camshaft	6136-21-1410	4
Camshaft C/W Gear	6136-41-1010	1



Valve Collet

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KOMATSU 6D105-1 (Build 6A) Engine S/No. 12218-49999

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6136-K1-9901	1
Gasket Kit Lower	6136-K2-9901	1
Gasket Cylinder Head (Steel)	6137-12-1811	1
Gasket Valve Cover	6136-11-8814	1
Gasket Oil Pan	6136-21-5821	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6136-11-4850	2
Gasket Ex Manifold	6135-11-5810	3

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6136-51-1002	1
Core Oil Cooler	600-651-1412	1
Gasket Oil Cooler Cover	6136-61-2820	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105210-1841	1
Fuel Feed Pump	DK105210-4231	1
Injector	6136-11-3300	6
Injector	6136-12-3200	6
Fuel Nozzle Injector	6136-12-3220	6
Fuel Nozzle Injector	6138-11-3121	6
Seal Washer	07005-00812	12
Packing	6136-11-3131	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6136-61-1102	1
Water Pump	6136-61-1402	1
Shaft Water Pump	6136-61-1311	1
Shaft Water Pump	6136-61-1312	1
Impeller Water Pump	6136-61-1331	1
Seal Water Pump	6211-61-1530	1
Thermostat	600-421-6210	1
Thermostat Hsg Gasket	6136-11-6810	1

FILTERS	PART No	QTY
Air Filter Inner	600-181-8360	1
Air Filter Outer	600-181-8300	1
Filter Fuel	600-311-8222	1
Filter Oil	6136-51-5121	1
Valve Shut Off	6710-61-8411	2
Filter Water	600-411-1191	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2112.IFK	1
Out-Of-Frame Kit	KMP2112.OFK	1
Overhaul Kit	KMP2112.EOK	1

APPLICATIONS

D40A-3 S/No. 6001-Up
 D40F-3 S/No. 6001-Up
 D40P-3 S/No. 6001-Up
 D40PF-3A S/No. 6001-Up
 D40PL-3 S/No. 6001-Up
 D40PLL-3 S/No. 6001-Up
 D41A-3 S/No. 6001-Up
 D41A-3A S/No. 6001-Up
 D41A-3C S/No. 6001-Up
 D41P-3 S/No. 6001-Up
 D41S-3 S/No. 6001-Up
 PC200-1 S/No. 10001-Up
 PC200-2 S/No. 15001-Up
 PC200LC-2 S/No. 15001-Up
 GD405A-1 S/No. 16877-Up
 GD505A-2 S/No. 50003-Up

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KOMATSU 6D105-1 (Build 6B) Engine S/No. 50001-Up

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft W/O Gear	6136-31-1110	1
Gear Crankshaft	6136-31-1120	1
Front Seal	6136-22-3510	1
Rear Seal	6130-21-4231	1
Rear Seal	6130-22-4231	1
Main Metal Assy STD	6136-21-8010	7
Main Metal Assy STD (Set)	6136-21-8010S	1
Main Metal Assy 0.25MM	6136-29-8010	7
Main Metal Assy 0.25MM (Set)	6136-29-8010S	1
Main Metal Assy 0.50MM	6136-28-8010	7
Main Metal Assy 0.50MM (Set)	6136-28-8010S	1
Main Metal Assy 0.75MM	6136-27-8010	7
Main Metal Assy 0.75MM (Set)	6136-27-8010S	1
Main Metal Assy 1.00MM	6136-26-8010	7
Main Metal Assy 1.00MM (Set)	6136-26-8010S	1
Thrust Metal STD	6134-21-8050	1
Thrust Metal 0.25MM	6134-29-8050	1
Thrust Metal 0.50MM	6134-28-8050	1
Thrust Metal 0.75MM	6136-27-8050	1
Thrust Metal 1.00MM	6136-26-8050	1
Main & Thrust Metal Set STD	6136-21-8000	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6136-32-3102	6
Bolt Conrod	6136-32-3311	12
Bushing Conrod	6136-32-3130	6
Metal Conrod STD	6138-31-3040	6
Metal Conrod 0.25MM	6138-39-3050	6
Metal Conrod 0.50MM	6138-38-3050	6
Metal Conrod 0.75MM	6138-37-3050	6
Metal Conrod 1.00MM	6138-36-3050	6

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP6136	6
Piston Body C/W Clips	6136-32-2110	1
Pin Piston	6136-31-2410	1
Ring Set Piston	6136-31-2030	1
Liner Seal Kit	KMP-SK-105B	1
Liner	6137-22-2210	1
Piston Body C/W Clips	6136-32-2110	6
Piston, Pin & Clips	6136-32-2010	6
Pin Piston	6136-31-2410	6
Retainer Piston Pin	04065-04018	12
Ring Set Piston	6136-31-2030	6
Liner Seal Kit	KMP-SK-105B	6
Liner	6137-22-2210	6
Liner & Seal Kit	6137-22-2210S	6

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6136-12-1300	1
Sleeve Injector	6136-11-1130	6
Tappet	6136-42-2111	12
Valve In	6136-42-4110	6
Valve Ex	6136-42-4211	6
Valve Collet	6136-42-4520	24
Valve Guide	6136-19-1430	12
Valve Insert In	6136-12-1310	6
Valve Insert Ex	6136-12-1320	6
Valve Spring	6136-42-4410	12
Retainer Valve Spring Upper	6136-42-4510	12
Retainer Valve Spring Lower	6136-41-4530	12
Push Rod	6136-42-3120	12
Capscrew Cyl Head	6136-12-1610	26

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Cylinder Block	6136-22-1021	1
Gear Camshaft	6136-41-1120	1
Bush Camshaft	6136-21-1410	4
Camshaft C/W Gear	6136-42-1010	1



Valve Spring

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KOMATSU 6D105-1 (Build 6B) Engine S/No. 50001-Up

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6136-K1-9901	1
Gasket Kit Lower	6136-K2-9901	1
Gasket Cylinder Head (Steel)	6137-12-1811	1
Gasket Valve Cover	6136-11-8814	1
Gasket Oil Pan	6136-21-5821	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6136-11-4850	2
Gasket Ex Manifold	6135-11-5810	3

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6136-52-1100	1
Core Oil Cooler	600-651-1441	1
Gasket Oil Cooler Cover	6136-61-2820	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105210-4570	1
Injector	6136-12-3200	6
Fuel Nozzle Injector	6136-12-3220	6
Fuel Nozzle Injector	6138-11-3121	6
Seal Washer	07005-00812	12
Packing	6136-11-3131	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6136-61-1102	1
Water Pump	6136-61-1402	1
Water Pump	6136-61-1601	1
Shaft Water Pump	6136-61-1311	1
Shaft Water Pump	6136-61-1312	1
Impeller Water Pump	6136-61-1331	1
Seal Water Pump	6211-61-1530	1
Thermostat	600-421-6210	1
Thermostat Hsg Gasket	6136-11-6810	1

FILTERS	PART No	QTY
Air Filter Inner	600-181-8360	1
Air Filter Outer	600-181-8300	1
Filter Fuel	600-311-8222	1
Filter Oil	6136-51-5121	1
Valve Shut Off	6710-61-8411	2
Filter Water	600-411-1191	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6136.IFK-6	1
Out-Of-Frame Kit	KMP6136.OFK-6	1
Overhaul Kit	KMP6136.EOK-6	1

APPLICATIONS

D40P-3 S/No. 6001-Up
 D40PF-3A S/No. 6001-Up
 D40PL-3 S/No. 6001-Up
 D40PLL-3 S/No. 6001-Up
 D41A-3 S/No. 6001-Up
 D41A-3A S/No. 6001-Up
 D41A-3C S/No. 6001-Up
 D41P-3 S/No. 6001-Up
 D41S-3 S/No. 6001-Up
 PC150-1 S/No. 1001-Up
 PC150LC-1 S/No. 1001-Up
 PC200-1 S/No. 10001-Up
 PC200-2 S/No. 15001-Up
 PC200LC-2 S/No. 15001-Up
 GD405A-1 S/No. 16877-Up
 GD505A-2 S/No. 50003-Up



Valve Train Items

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KOMATSU S6D105-1 (Build 6C) Engine S/No. 12124-49999

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft W/O Gear	6136-31-1110	1
Gear Crankshaft	6136-31-1120	1
Front Seal	6136-22-3510	1
Rear Seal	6130-21-4231	1
Main Metal Assy STD	6136-21-8010	7
Main Metal Assy STD (Set)	6136-21-8010S	1
Main Metal Assy 0.25MM	6136-29-8010	7
Main Metal Assy 0.25MM (Set)	6136-29-8010S	1
Main Metal Assy 0.50MM	6136-28-8010	7
Main Metal Assy 0.50MM (Set)	6136-28-8010S	1
Main Metal Assy 0.75MM	6136-27-8010	7
Main Metal Assy 0.75MM (Set)	6136-27-8010S	1
Main Metal Assy 1.00MM	6136-26-8010	7
Main Metal Assy 1.00MM (Set)	6136-26-8010S	1
Thrust Metal STD	6134-21-8050	1
Thrust Metal 0.25MM	6134-29-8050	1
Thrust Metal 0.50MM	6134-28-8050	1
Thrust Metal 0.75MM	6136-27-8050	1
Thrust Metal 1.00MM	6136-26-8050	1
Main & Thrust Metal Set STD	6136-21-8000	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6136-31-3101	6
Bolt Conrod	6136-32-3311	12
Bushing Conrod	6136-31-3130	6
Metal Conrod STD	6138-31-3040	6
Metal Conrod 0.25MM	6138-39-3050	6
Metal Conrod 0.50MM	6138-38-3050	6
Metal Conrod 0.75MM	6138-37-3050	6
Metal Conrod 1.00MM	6138-36-3050	6

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP2032	6
Piston Body C/W Clips	6137-31-2112	1
Pin Piston	6137-31-2410	1
Ring Set Piston	6137-31-2032	1
Liner Seal Kit	6137-22-2210	1
Liner	KMP-SK-105B	1
Piston Body C/W Clips	6137-31-2112	6
Piston, Pin & Clips	6137-31-2012	6
Pin Piston	6137-31-2410	6
Retainer Piston Pin	04065-04018	12
Ring Set Piston	6137-31-2032	6
Liner Seal Kit	KMP-SK-105B	6
Liner	6137-22-2210	6
Liner & Seal Kit	6137-22-2210S	6

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6137-11-1201	1
Sleeve Injector	6136-11-1130	6
Tappet	6136-41-2111	12
Valve In	6136-41-4110	6
Valve Ex	6136-41-4211	6
Valve Collet	6136-41-4520	24
Valve Guide	6136-19-1331	12
Valve Insert In	6136-11-1311	6
Valve Insert Ex	6134-11-1320	6
Valve Spring	6136-41-4410	12
Retainer Valve Spring Upper	6136-42-4510	12
Retainer Valve Spring Lower	6136-41-4530	12
Push Rod	6136-41-3110	12
Capscrew Cyl Head	6136-12-1610	26

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Cylinder Block	6136-21-1022	1
Gear Camshaft	6136-41-1120	1
Bush Camshaft	6136-21-1410	4
Camshaft C/W Gear	6136-41-1010	1



Piston Body C/W Clips

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KOMATSU S6D105-1 (Build 6C) Engine S/No. 12124-49999

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6137-K1-9901	1
Gasket Kit Lower	6137-K2-9901	1
Gasket Cylinder Head (Steel)	6137-12-1811	1
Gasket Valve Cover	6136-11-8814	1
Gasket Oil Pan	6136-21-5821	1
Gasket In Manifold	6136-11-4850	2
Gasket Ex Manifold	6135-11-5810	3

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6136-51-1002	1
Core Oil Cooler	600-651-1412	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105210-1841	1
Injector	6137-11-3100	6
Fuel Nozzle Injector	6137-11-3120	6
Packing	6136-11-3131	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6136-61-1102	1
Water Pump	6136-61-1601	1
Impeller Water Pump	6136-61-1331	1
Seal Water Pump	6211-61-1530	1
Thermostat	600-421-6210	1
Thermostat Hsg Gasket	6136-11-6810	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8222	1
Filter Oil	6136-51-5121	1
Valve Shut Off	6710-61-8411	2

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2032.IFK	1
Out-Of-Frame Kit	KMP2032.OFK	1
Overhaul Kit	KMP2032.EOK	1

APPLICATIONS

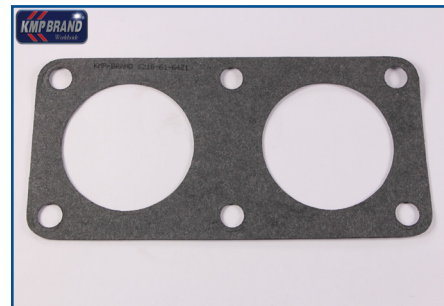
PC220-2 S/No. 11001-Up

PC220LC-2 S/No. 11001-Up

GD505A-2 S/No. 50001-Up



Thermostat



Thermostat Hsg Gasket

KOMATSU S6D105-1 (Build 6D) Engine S/No. 50001-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6136-31-1110	1
Gear Crankshaft	6136-31-1120	1
Front Seal	6136-22-3510	1
Rear Seal	6130-21-4231	1
Main Metal Assy STD	6136-21-8010	7
Main Metal Assy STD (Set)	6136-21-8010S	1
Main Metal Assy 0.25MM	6136-29-8010	7
Main Metal Assy 0.25MM (Set)	6136-29-8010S	1
Main Metal Assy 0.50MM	6136-28-8010	7
Main Metal Assy 0.50MM (Set)	6136-28-8010S	1
Main Metal Assy 0.75MM	6136-27-8010	7
Main Metal Assy 0.75MM (Set)	6136-27-8010S	1
Main Metal Assy 1.00MM	6136-26-8010	7
Main Metal Assy 1.00MM (Set)	6136-26-8010S	1
Thrust Metal STD	6134-21-8050	1
Thrust Metal 0.25MM	6134-29-8050	1
Thrust Metal 0.50MM	6134-28-8050	1
Thrust Metal 0.75MM	6136-27-8050	1
Thrust Metal 1.00MM	6136-26-8050	1
Main & Thrust Metal Set STD	6136-21-8000	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6136-32-3102	6
Bolt Conrod	6136-32-3311	12
Bushing Conrod	6136-32-3130	6
Metal Conrod STD	6138-31-3040	6
Metal Conrod 0.25MM	6138-39-3050	6
Metal Conrod 0.50MM	6138-38-3050	6
Metal Conrod 0.75MM	6138-37-3050	6
Metal Conrod 1.00MM	6138-36-3050	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP2010	6
Piston Body C/W Clips	6137-32-2110	1
Pin Piston	6137-31-2410	1
Ring Set Piston	6137-31-2032	1
Liner Seal Kit	KMP-SK-105B	1
Liner	6137-22-2210	1
Piston Body C/W Clips	6137-32-2110	6
Piston, Pin & Clips	6137-32-2010	6
Pin Piston	6137-31-2410	6
Retainer Piston Pin	04065-04018	12
Ring Set Piston	6137-31-2032	6
Liner Seal Kit	KMP-SK-105B	6
Liner	6137-22-2210	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6137-12-1200	1
Sleeve Injector	6136-11-1130	6
Tappet	6136-42-2111	12
Valve In	6136-42-4110	6
Valve Ex	6136-42-4211	6
Valve Collet	6136-42-4520	24
Valve Guide	6136-19-1430	12
Valve Insert In	6136-12-1310	6
Valve Insert Ex	6136-12-1320	6
Valve Spring	6136-42-4410	12
Retainer Valve Spring Upper	6136-42-4510	12
Retainer Valve Spring Lower	6136-41-4530	12
Push Rod	6136-42-3120	12
Capscrew Cyl Head	6136-12-1610	26

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6136-22-1021	1
Gear Camshaft	6136-41-1120	1
Bush Camshaft	6136-21-1410	4
Camshaft C/W Gear	6137-42-1010	1



Rear Seal

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KOMATSU S6D105-1 (Build 6D) Engine S/No. 50001-Up

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6137-K1-9901	1
Gasket Kit Lower	6137-K2-9901	1
Gasket Cylinder Head	6136-11-1813	1
Gasket Valve Cover	6136-11-8812	1
Gasket Oil Pan	6136-21-5821	1
Gasket In Manifold	6136-11-4850	2
Gasket Ex Manifold	6135-11-5810	3

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6136-51-1002	1
Core Oil Cooler	600-651-1412	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105210-4560	1
Fuel Feed Pump	DK105210-4570	1
Injector	6137-12-3100	6
Fuel Nozzle Injector	6137-12-3120	6
Packing	6136-11-3131	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6136-61-1102	1
Water Pump	6136-61-1601	1
Impeller Water Pump	6136-61-1331	1
Seal Water Pump	6211-61-1530	1
Thermostat	600-421-6210	1
Thermostat Hsg Gasket	6136-11-6810	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8222	1
Filter Oil	6136-51-5121	1
Valve Shut Off	6710-61-8411	2

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2010.IFK-6	1
Out-Of-Frame Kit	KMP2010.OFK-6	1
Overhaul Kit	KMP2010.EOK-6	1

APPLICATIONS

PC220-2 S/No. 11001-Up

PC220LC-2 S/No. 11001-Up

GD505A-2 S/No. 50001-Up



Water Pump Assy



Impeller Water Pump

KOMATSU S6D105-1 (Build 6E) Engine S/No. 61481-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6136-31-1110	1
Gear Crankshaft	6136-31-1120	1
Front Seal	6136-22-3510	1
Rear Seal	6130-22-4231	1
Main Metal Assy STD	6136-21-8010	7
Main Metal Assy STD (Set)	6136-21-8010S	1
Main Metal Assy 0.25MM	6136-29-8010	7
Main Metal Assy 0.25MM (Set)	6136-29-8010S	1
Main Metal Assy 0.50MM	6136-28-8010	7
Main Metal Assy 0.50MM (Set)	6136-28-8010S	1
Main Metal Assy 0.75MM	6136-27-8010	7
Main Metal Assy 0.75MM (Set)	6136-27-8010S	1
Main Metal Assy 1.00MM	6136-26-8010	7
Main Metal Assy 1.00MM (Set)	6136-26-8010S	1
Thrust Metal STD	6134-21-8050	1
Thrust Metal 0.25MM	6134-29-8050	1
Thrust Metal 0.50MM	6134-28-8050	1
Thrust Metal 0.75MM	6136-27-8050	1
Thrust Metal 1.00MM	6136-26-8050	1
Main & Thrust Metal Set STD	6136-21-8000	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6136-32-3102	6
Bolt Conrod	6136-32-3311	12
Bushing Conrod	6136-32-3130	6
Metal Conrod STD	6138-31-3040	6
Metal Conrod 0.25MM	6138-39-3050	6
Metal Conrod 0.50MM	6138-38-3050	6
Metal Conrod 0.75MM	6138-37-3050	6
Metal Conrod 1.00MM	6138-36-3050	6

CYLINDER KITS & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6137	6
Piston Body C/W Clips	6137-32-2110	1
Pin Piston	6137-31-2410	1
Ring Set Piston	6137-31-2040	1
Liner Seal Kit	KMP-SK-105B	1
Liner	6137-22-2210	1
Piston Body C/W Clips	6137-32-2110	6
Piston, Pin & Clips	6137-32-2010	6
Pin Piston	6137-31-2410	6
Retainer Piston Pin	04065-04018	12
Ring Set Piston	6137-31-2040	6
Liner Seal Kit	KMP-SK-105B	6
Liner	6137-22-2210	6
Liner & Seal Kit	6137-22-2210S	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6137-12-1200	1
Sleeve Injector	6136-11-1130	6
Tappet	6136-42-2111	12
Valve In	6138-42-4110	6
Valve Ex	6136-42-4211	6
Valve Collet	6136-42-4520	24
Valve Guide	6136-19-1430	12
Valve Insert In	6138-12-1310	6
Valve Insert Ex	6136-12-1320	6
Valve Spring	6136-42-4410	12
Retainer Valve Spring Upper	6136-42-4510	12
Retainer Valve Spring Lower	6136-41-4530	12
Push Rod	6136-42-3120	12
Capscrew Cyl Head	6136-12-1610	26

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6136-22-1021	1
Gear Camshaft	6136-41-1120	1
Bush Camshaft	6136-21-1410	4
Camshaft C/W Gear	6137-42-1020	1



Liner Seal Kit

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KOMATSU S6D105-1 (Build 6E) Engine S/No. 61481-Up

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6137-K1-9901	1
Gasket Kit Lower	6137-K2-9901	1
Gasket Cylinder Head (Steel)	6137-12-1811	1
Gasket Valve Cover	6136-11-8814	1
Gasket Oil Pan	6136-21-5821	1
Gasket In Manifold	6136-11-4850	2
Gasket Ex Manifold	6135-11-5810	3

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6136-52-1100	1
Core Oil Cooler	600-651-1412	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105210-4560	1
Injector	6137-12-3100	6
Fuel Nozzle Injector	6137-12-3120	6
Packing	6136-11-3131	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6136-62-1100	1
Water Pump Assy	6136-62-1102	1
Impeller Water Pump	6136-61-1331	1
Seal Water Pump	6211-61-1530	1
Thermostat	600-421-6210	1
Thermostat Hsg Gasket	6136-11-6810	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8222	1
Filter Oil	6136-51-5121	1
Valve Shut Off	6710-61-8411	2

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6137.IFK	1
Out-Of-Frame Kit	KMP6137.OFK	1
Overhaul Kit	KMP6137.EOK	1

APPLICATIONS

PC200-3 S/No. 20001-Up
 PC200LC-3 S/No. 20001-Up
 PC210-3 S/No. K10001-Up
 PC210LC-3 S/No. K10001-Up
 PC220-3 S/No. 20001-Up
 PC220LC-3 S/No. 20001-Up
 PC220NLC-3 S/No. 20001-Up
 PC240-3K S/No. K10001-Up
 PC240LC-3K S/No. K10001-Up
 PC240NLC-3K S/No. K10001-Up
 PF55L-1 S/No. 10001-Up
 PW210-1 S/No. 10001-Up



Cylinder Kit

KOMATSU S6D105-1 (Build 6F) Engine S/No. 63244-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6136-31-1110	1
Gear Crankshaft	6136-31-1120	1
Front Seal	6136-22-3510	1
Rear Seal	6130-21-4231	1
Main Metal Assy STD	6136-21-8010	7
Main Metal Assy STD (Set)	6136-21-8010S	1
Main Metal Assy 0.25MM	6136-29-8010	7
Main Metal Assy 0.25MM (Set)	6136-29-8010S	1
Main Metal Assy 0.50MM	6136-28-8010	7
Main Metal Assy 0.50MM (Set)	6136-28-8010S	1
Main Metal Assy 0.75MM	6136-27-8010	7
Main Metal Assy 0.75MM (Set)	6136-27-8010S	1
Main Metal Assy 1.00MM	6136-26-8010	7
Main Metal Assy 1.00MM (Set)	6136-26-8010S	1
Thrust Metal STD	6134-21-8050	1
Thrust Metal 0.25MM	6134-29-8050	1
Thrust Metal 0.50MM	6134-28-8050	1
Thrust Metal 0.75MM	6136-27-8050	1
Thrust Metal 1.00MM	6136-26-8050	1
Main & Thrust Metal Set STD	6136-21-8000	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6136-32-3102	6
Bolt Conrod	6136-32-3311	12
Bushing Conrod	6136-32-3130	6
Metal Conrod STD	6138-31-3040	6
Metal Conrod 0.25MM	6138-39-3050	6
Metal Conrod 0.50MM	6138-38-3050	6
Metal Conrod 0.75MM	6138-37-3050	6
Metal Conrod 1.00MM	6138-36-3050	6



Crankshaft W/O Gear

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP2040	6
Piston Body C/W Clips	6137-32-2130	1
Pin Piston	6137-31-2410	1
Ring Set Piston	6137-31-2040	1
Liner Seal Kit	KMP-SK-105B	1
Liner	6137-22-2210	1
Piston Body C/W Clips	6137-32-2130	6
Piston, Pin & Clips	6137-32-2030	6
Pin Piston	6137-31-2410	6
Retainer Piston Pin	04065-04018	12
Ring Set Piston	6137-31-2040	6
Liner Seal Kit	KMP-SK-105B	6
Liner	6137-22-2210	6
Liner & Seal Kit	6137-22-2210S	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6137-12-1200	1
Sleeve Injector	6136-11-1130	6
Tappet	6136-42-2111	12
Tappet	6136-42-2120	12
Valve In	6138-42-4110	6
Valve Ex	6136-42-4211	6
Valve Collet	6136-42-4520	24
Valve Guide	6136-19-1430	12
Valve Insert In	6138-12-1310	6
Valve Insert Ex	6136-12-1320	6
Valve Spring	6136-42-4410	12
Retainer Valve Spring Upper	6136-42-4510	12
Retainer Valve Spring Lower	6136-41-4530	12
Push Rod	6136-42-3120	12
Capscrew Cyl Head	6136-12-1610	26

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6136-22-1021	1
Gear Camshaft	6136-41-1120	1
Bush Camshaft	6136-21-1410	4
Camshaft C/W Gear	6137-42-1020	1
Camshaft C/W Gear	6138-42-1011	1

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KOMATSU S6D105-1 (Build 6F) Engine S/No. 63244-Up

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6137-K1-9901	1
Gasket Kit Lower	6137-K2-9901	1
Gasket Cylinder Head (Steel)	6137-12-1811	1
Gasket Valve Cover	6136-11-8814	1
Gasket Oil Pan	6136-21-5821	1
Gasket In Manifold	6136-11-4850	2
Gasket Ex Manifold	6135-11-5810	3

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6136-52-1100	1
Core Oil Cooler	600-651-1412	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105210-4570	1
Injector	6137-12-3200	6
Fuel Nozzle Injector	6137-12-3220	6
Packing	6136-11-3131	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6136-61-1102	1
Water Pump	6136-61-1501	1
Water Pump	6138-61-1401	1
Shaft Water Pump	6136-61-1311	1
Shaft Water Pump	6136-61-1312	1
Impeller Water Pump	6136-61-1331	1
Seal Water Pump	6211-61-1530	1
Thermostat	600-421-6210	1
Thermostat	600-421-6220	1
Thermostat	600-421-6310	1
Thermostat Hsg Gasket	6136-11-6810	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8222	1
Filter Oil	6136-51-5121	1
Valve Shut Off	6710-61-8411	2

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2040.IFK	1
Out-Of-Frame Kit	KMP2040.OFK	1
Overhaul Kit	KMP2040.EOK	1

APPLICATIONS

WA250-1 S/No. 10001-Up & A10509-Up
 WA300-1 S/No. 10001-Up
 WA320-1 S/No. 10001-Up
 GD515A-1 S/No. 50001-Up
 GD525A-1 S/No. 50001-Up
 GD525A-1D S/No. 55001-Up
 GD525A-1C S/No. 60001-Up
 GD611A-1 S/No. 10001-Up
 GD621A-1 / R-1 S/No. 10001-Up
 GD655A-5 S/No. 65001-Up
 GD661A-1 S/No. 10001-Up



Sleeve Injector

KOMATSU S6D108-1 (Build 7A) Engine S/No. 11731-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6222-31-1110	1
Gear Crankshaft	6221-31-1120	1
Front Seal	6136-22-3510	1
Rear Seal	6221-21-4521	1
Main Metal Assy STD	6221-21-8010	7
Main Metal Assy 0.25MM	6221-29-8010	7
Main Metal Assy 0.50MM	6221-28-8010	7
Main Metal Assy 0.75MM	6221-27-8010	7
Main Metal Assy 1.00MM	6221-26-8010	7
Thrust Metal STD	6221-21-8050	1
Thrust Metal 0.25MM	6221-29-8050	1
Thrust Metal 0.50MM	6221-28-8050	1
Thrust Metal 0.75MM	6221-27-8050	1
Thrust Metal 1.00MM	6221-26-8050	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6222-31-3100	6
Bolt Conrod	6221-31-3310	12
Bushing Conrod	6221-31-3130	6
Metal Conrod STD	6222-31-3040	6
Metal Conrod 0.25MM	6222-39-3040	6
Metal Conrod 0.50MM	6222-38-3040	6
Metal Conrod 0.75MM	6222-37-3040	6
Metal Conrod 1.00MM	6222-36-3040	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6221	6
Piston Body C/W Clips	6221-31-2110	1
Pin Piston	6221-31-2410	1
Ring Set Piston	6221-31-2200	1
Liner	6222-23-2231	1
Piston Body C/W Clips	6221-31-2110	6
Piston, Pin & Clips	6221-31-2110WP	6
Pin Piston	6221-31-2410	6
Retainer Piston Pin	04065-04518	12
Ring Set Piston	6221-31-2200	6
Liner	6222-23-2231	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6221-11-1300	1
Tappet	6221-41-2110	12
Valve In	6221-41-4110	6
Valve Ex	6221-41-4211	6
Valve Collet	6136-42-4520	24
Valve Guide	6221-19-1311	12
Valve Insert In	6221-13-1360	6
Valve Insert Ex	6221-11-1320	6
Valve Spring	6221-41-4410	12
Seal Valve Stem	6140-41-4540	6
Retainer Valve Spring Upper	6221-41-4510	12
Push Rod	6221-41-3110	12
Capscrew Cyl Head	6221-11-1610	26

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6222-21-1101	1
Gear Camshaft	6221-41-1120	1
Bush Camshaft	6221-21-1410	4
Camshaft C/W Gear	6221-41-1100	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6222-K1-9900	1
Gasket Kit Lower	6222-K2-9900	1
Gasket Cylinder Head	6221-17-1810	1
Gasket Valve Cover	6136-11-8814	1
Gasket Oil Pan	6136-21-5821	1
Gasket In Manifold	6221-11-4810	6
Gasket Ex Manifold	6221-11-5813	6

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6221-51-1100	1
Core Oil Cooler	600-651-1412	1
Core Oil Cooler	600-651-1431	1

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KOMATSU S6D108-1 (Build 7A) Engine S/No. 11731-Up

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105210-5040	1
Injector	6221-11-3100	6
Fuel Nozzle Injector	6221-11-3120	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6221-61-1102	1
Water Pump Assy	6222-61-1400	1
Water Pump	6222-61-1500	1
Thermostat	600-421-6310	1
Thermostat	600-421-6410	1
Thermostat Hsg Gasket	6136-11-6810	1
Thermostat Gasket	6138-11-6810	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8222	1
Filter Fuel	600-311-8321	1
Filter Oil	6134-51-5121	1
Filter Oil	6136-51-5121	1
Filter Water	600-411-1151	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6221.IFK	1
Out-Of-Frame Kit	KMP6221.OFK	1
Overhaul Kit	KMP6221.EOK	1

APPLICATIONS

WA320-3-X / 3-XR S/No. 50001-52999

WA320-3 S/No. 53001-Up

WA380-3 S/No. 50001-Up

WA380-3H S/No. 20051-20500

D575-1B S/No. 20001-Up

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KOMATSU SA6D108-1 (Build 7B) Engine S/No. 10001-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6222-31-1110	1
Gear Crankshaft	6221-31-1120	1
Front Seal	6136-22-3510	1
Rear Seal	6221-21-4521	1
Main Metal Assy STD	6221-21-8010	7
Main Metal Assy 0.25MM	6221-29-8010	7
Main Metal Assy 0.50MM	6221-28-8010	7
Main Metal Assy 0.75MM	6221-27-8010	7
Main Metal Assy 1.00MM	6221-26-8010	7
Thrust Metal STD	6221-21-8050	1
Thrust Metal 0.25MM	6221-29-8050	1
Thrust Metal 0.50MM	6221-28-8050	1
Thrust Metal 0.75MM	6221-27-8050	1
Thrust Metal 1.00MM	6221-26-8050	1

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6221-11-1102	1
Tappet	6221-41-2110	12
Valve In	6221-41-4110	6
Valve Ex	6221-41-4211	6
Valve Collet	6136-42-4520	24
Valve Guide	6221-19-1311	12
Valve Guide	6221-19-1340	6
Valve Insert In	6221-13-1360	6
Valve Insert Ex	6221-11-1320	6
Valve Spring	6221-41-4410	12
Seal Valve Stem	6140-41-4540	6
Retainer Valve Spring Upper	6221-41-4510	12
Push Rod	6221-41-3110	12
Capscrew Cyl Head	6221-11-1610	26

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6222-31-3100	6
Bolt Conrod	6221-31-3310	12
Bushing Conrod	6221-31-3130	6
Metal Conrod STD	6222-31-3040	6
Metal Conrod 0.25MM	6222-39-3040	6
Metal Conrod 0.50MM	6222-38-3040	6
Metal Conrod 0.75MM	6222-37-3040	6
Metal Conrod 1.00MM	6222-36-3040	6

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6222-21-1101	1
Gear Camshaft	6221-41-1120	1
Bush Camshaft	6221-21-1410	4
Camshaft C/W Gear	6221-41-1100	1
Nozzle Piston Cooling	6222-23-1810	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6222	6
Piston Body C/W Clips	6222-31-2110	1
Pin Piston	6221-31-2410	1
Ring Set Piston	6221-31-2200	1
Liner	6222-23-2231	1
Piston Body C/W Clips	6222-31-2110	6
Piston, Pin & Clips	6222-31-2110WP	6
Pin Piston	6221-31-2410	6
Retainer Piston Pin	04065-04518	12
Ring Set Piston	6221-31-2200	6
Liner	6222-23-2231	6

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6222-K1-9900	1
Gasket Kit Lower	6222-K2-3002	1
Gasket Kit Lower	6222-K2-9900	1
Gasket Cylinder Head	6221-17-1810	1
Gasket Valve Cover	6136-11-8814	1
Gasket Oil Pan	6136-21-5821	1
Gasket In Manifold	6221-11-4810	6
Gasket Ex Manifold	6221-11-5813	6

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6221-51-1100	1
Core Oil Cooler	600-651-1431	1

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KOMATSU SA6D108-1 (Build 7B) Engine S/No. 10001-Up

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	ND092100-1761	1
Fuel Line	6221-71-5111	1
Fuel Line	6221-71-5121	1
Fuel Line	6221-71-5131	1
Fuel Line	6221-71-5141	1
Fuel Line	6222-71-5150	1
Fuel Line	6222-71-5160	1
Injector	6222-11-3100	6
Fuel Nozzle Injector	6222-11-3120	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6221-61-1102	1
Thermostat	600-421-6410	1
Thermostat Hsg Gasket	6136-11-6810	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8321	1
Filter Oil	6134-51-5121	1
Filter Oil	6136-51-5121	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6222.IFK	1
Out-Of-Frame Kit	KMP6222.OFK-A	1
Out-Of-Frame Kit	KMP6222.OFK-B	1
Overhaul Kit	KMP6222.EOK-A	1
Overhaul Kit	KMP6222.EOK-B	1

APPLICATIONS

PC300-5 / 5T / LC-5T S/No. 20001-Up
 PC300-5K S/No. K20001-Up
 PC300LC-5K S/No. K20001-Up
 PC300NLC-5K S/No. K20001-Up
 PC300HD-5K S/No. 20001-Up
 PC300LC-5 S/No. 20001-Up
 PC300LC-5 S/No. A20267-A30000
 PC360LC-5 S/No. 20001-Up
 WA420-3 S/No. 50001-Up
 WA420-3 S/No. 53001-Up
 WA420-3X / 3X-R S/No. 50001-52999

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KOMATSU SAA6D108E-2A (Build 7C) Engine S/No. 19030-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6222-31-1110	1
Gear Crankshaft	6221-31-1120	1
Front Seal	6136-22-3510	1
Rear Seal	6221-21-4521	1
Main Metal Assy STD	6221-21-8010	7
Main Metal Assy 0.25MM	6221-29-8010	7
Main Metal Assy 0.50MM	6221-28-8010	7
Main Metal Assy 0.75MM	6221-27-8010	7
Main Metal Assy 1.00MM	6221-26-8010	7
Thrust Metal STD	6221-21-8050	1
Thrust Metal 0.25MM	6221-29-8050	1
Thrust Metal 0.50MM	6221-28-8050	1
Thrust Metal 0.75MM	6221-27-8050	1
Thrust Metal 1.00MM	6221-26-8050	1

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6221-13-1100	1
Tappet	6221-41-2110	12
Valve In	6221-43-4110	6
Valve Ex	6221-43-4210	6
Valve Collet	6136-42-4520	24
Valve Guide (Pkg 6)	6221-15-1310	12
Valve Guide	6221-19-1311	12
Valve Insert In	6221-13-1360	6
Valve Insert Ex	6221-11-1320	6
Valve Spring	6221-41-4410	12
Seal Valve Stem	6221-43-4540	6
Retainer Valve Spring Upper	6221-41-4510	12
Push Rod	6221-41-3110	12
Capscrew Cyl Head	6221-11-1610	26

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6222-31-3100	6
Bolt Conrod	6221-31-3310	12
Bushing Conrod	6221-31-3130	6
Metal Conrod STD	6222-31-3040	6
Metal Conrod 0.25MM	6222-39-3040	6
Metal Conrod 0.50MM	6222-38-3040	6
Metal Conrod 0.75MM	6222-37-3040	6
Metal Conrod 1.00MM	6222-36-3040	6

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6221-23-1200	1
Gear Camshaft	6221-41-1120	1
Bush Camshaft	6221-21-1410	4
Camshaft C/W Gear	6221-43-1100	1
Nozzle Piston Cooling	6222-23-1810	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6223	6
Piston Body C/W Clips	6222-33-2110	1
Pin Piston	6221-31-2410	1
Ring Set Piston	6221-31-2200	1
Liner	6222-23-2231	1
Piston Body C/W Clips	6222-33-2110	6
Piston, Pin & Clips	6222-33-2110WP	6
Pin Piston	6221-31-2410	6
Retainer Piston Pin	04065-04518	12
Ring Set Piston	6221-31-2200	6
Liner	6222-23-2231	6

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6222-K1-9900	1
Gasket Kit Lower	6222-K2-3002	1
Gasket Cylinder Head	6221-17-1810	1
Gasket Valve Cover	6136-11-8814	1
Gasket Oil Pan	6136-21-5821	1
Gasket In Manifold	6221-11-4810	6
Gasket Ex Manifold	6221-11-5813	6

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6221-53-1101	1
Core Oil Cooler	600-651-1431	1

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KOMATSU SAA6D108E-2A (Build 7C) Engine S/No. 19030-Up

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	ND092100-1761	1
Fuel Line	6221-71-5111	1
Fuel Line	6221-71-5121	1
Fuel Line	6221-71-5131	1
Fuel Line	6221-71-5141	1
Fuel Line	6222-71-5150	1
Fuel Line	6222-71-5160	1
Injector	6222-13-3300	6
Fuel Nozzle Injector	6222-13-3320	6

COOLING SYSTEM	PART No	QTY
Water Pump (Non-Hardened Pulley)	6222-63-1200	1
Thermostat	600-421-6410	1
Thermostat Hsg Gasket	6136-11-6810	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8321	1
Filter Oil Bypass	600-212-1620	1
Filter Oil	6136-51-5121	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6223.IFK	1
Out-Of-Frame Kit	KMP6223.OFK	1
Overhaul Kit	KMP6223.EOK	1

APPLICATIONS

PC300-6 S/No. 30001-Up
 PC300-6Z S/No. 30001-Up
 PC300LC-6 S/No. 30001-Up
 PC300LC-6Z S/No. 30001-Up
 PC340LC-6K S/No. 10001-Up
 PC340NLC-6K S/No. 10001-Up
 PC350-6 S/No. 10001-Up
 PC350LC-6 S/No. 10001-Up
 PC380LC-6K S/No. K30001-Up
 PC380LC-6K-J S/No. 10001-Up

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KOMATSU S6D110-1 (Build 8A) Engine S/No. 50195-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6138-31-1110	1
Gear Crankshaft	6136-31-1120	1
Front Seal	6136-22-3510	1
Rear Seal	6130-21-4231	1
Main Metal Assy STD	6136-21-8010	7
Main Metal Assy STD (Set)	6136-21-8010S	1
Main Metal Assy 0.25MM	6136-29-8010	7
Main Metal Assy 0.25MM (Set)	6136-29-8010S	1
Main Metal Assy 0.50MM	6136-28-8010	7
Main Metal Assy 0.50MM (Set)	6136-28-8010S	1
Main Metal Assy 0.75MM	6136-27-8010	7
Main Metal Assy 0.75MM (Set)	6136-27-8010S	1
Main Metal Assy 1.00MM	6136-26-8010	7
Main Metal Assy 1.00MM (Set)	6136-26-8010S	1
Thrust Metal STD	6134-21-8050	1
Thrust Metal 0.25MM	6134-29-8050	1
Thrust Metal 0.50MM	6134-28-8050	1
Thrust Metal 0.75MM	6136-27-8050	1
Thrust Metal 1.00MM	6136-26-8050	1
Main & Thrust Metal Set STD	6136-21-8000	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6138-31-3104	6
Bolt Conrod	6136-32-3311	12
Bushing Conrod	6138-31-3133	6
Metal Conrod STD	6138-31-3040	6
Metal Conrod 0.25MM	6138-39-3040	6
Metal Conrod 0.50MM	6138-38-3040	6
Metal Conrod 0.75MM	6138-37-3040	6
Metal Conrod 1.00MM	6138-36-3040	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6138	6
Piston Body C/W Clips	6138-32-2320	1
Pin Piston	6138-31-2410	1
Ring Set Piston	6138-32-2200	1
Liner	6138-21-2220	1
Piston Body C/W Clips	6138-32-2320	6
Piston, Pin & Clips	6138-32-2040	6
Pin Piston	6138-31-2410	6
Retainer Piston Pin	04065-04018	12
Ring Set Piston	6138-32-2200	6
Liner	6138-21-2220	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6138-12-1100	1
Sleeve Injector	6136-11-1130	6
Tappet	6136-42-2111	12
Valve In	6138-42-4110	6
Valve Ex	6136-42-4211	6
Valve Collet	6136-42-4520	24
Valve Guide	6136-19-1430	12
Valve Insert In	6138-12-1310	6
Valve Insert Ex	6136-12-1320	6
Valve Spring	6136-42-4410	12
Retainer Valve Spring Upper	6136-42-4510	12
Retainer Valve Spring Lower	6136-41-4530	12
Push Rod	6136-42-3120	12
Capscrew Cyl Head	6136-12-1610	26

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6138-22-1011	1
Gear Camshaft	6136-41-1120	1
Bush Camshaft	6136-21-1410	4
Camshaft C/W Gear	6138-42-1011	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6138-K1-9901	1
Gasket Kit Lower	6138-K2-9901	1
Gasket Cylinder Head	6138-19-1811	1
Gasket Valve Cover	6136-11-8812	1
Gasket Valve Cover	6136-11-8814	1
Gasket Oil Pan	6136-21-5821	1
Gasket Turbo	6131-11-5170	1
Gasket In Manifold	6136-11-4860	1
Gasket Ex Manifold	6135-11-5810	3
Gasket Front Cover Gear	6136-21-3830	1
Gasket Front Cover Plate	6136-21-3840	1
Gasket	6136-11-4960	A/R
Gasket	6136-61-1820	A/R

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KOMATSU S6D110-1 (Build 8A) Engine S/No. 50195-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6136-52-1100	1
Core Oil Cooler	600-651-1431	1
Core Aftercooler	6138-11-4631	1
Gasket Oil Cooler Cover	6136-61-2820	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105210-4690	1
Injector	6136-11-3110	6
Injector	6138-12-3300	6
Fuel Nozzle Injector	6138-12-3320	6
Seal Washer	07005-00812	12
Packing	6136-11-3131	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6138-61-1560	1
Shaft Water Pump	6134-61-1320	1
Impeller Water Pump	6138-61-1330	1
Seal Water Pump	6211-61-1530	1
Thermostat	600-421-6310	1
Thermostat Gasket	6138-11-6810	1

FILTERS	PART No	QTY
Air Filter Assy	600-182-2500	1
Filter Fuel	600-311-8321	1
Filter Oil	6136-51-5121	1
Valve Shut Off	6710-61-8411	2
Filter Fuel Separator	600-311-9700	1
Filter Water	600-411-1151	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6138.IFK	1
Out-Of-Frame Kit	KMP6138.OFK	1
Overhaul Kit	KMP6138.EOK	1

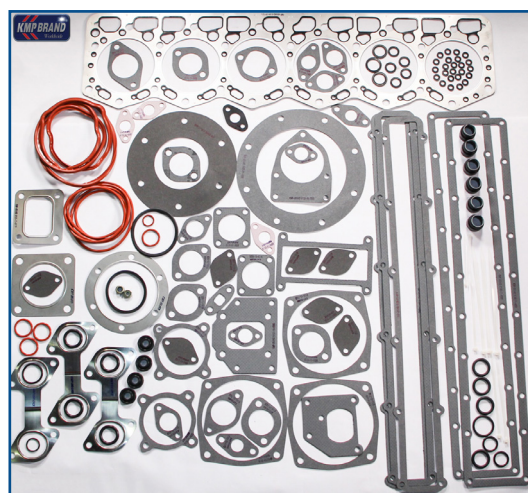
APPLICATIONS

WA350-1 S/No. 10001-Up

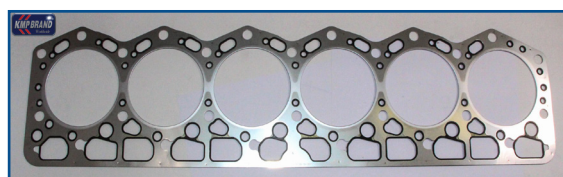
WA350-1 S/No. A11604-Up

GD615A-1 S/No. 50001-Up

PC280LC-3 S/No. 10001-Up



Gasket Kit Upper



Gasket Cylinder Head

KOMATSU SA6D110-1 (Build 8B) Engine S/No. 50001-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6138-31-1110	1
Gear Crankshaft	6136-31-1120	1
Front Seal	6136-22-3510	1
Rear Seal	6130-21-4231	1
Main Metal Assy STD	6136-21-8010	7
Main Metal Assy STD (Set)	6136-21-8010S	1
Main Metal Assy 0.25MM	6136-29-8010	7
Main Metal Assy 0.25MM (Set)	6136-29-8010S	1
Main Metal Assy 0.50MM	6136-28-8010	7
Main Metal Assy 0.50MM (Set)	6136-28-8010S	1
Main Metal Assy 0.75MM	6136-27-8010	7
Main Metal Assy 0.75MM (Set)	6136-27-8010S	1
Main Metal Assy 1.00MM	6136-26-8010	7
Main Metal Assy 1.00MM (Set)	6136-26-8010S	1
Thrust Metal STD	6134-21-8050	1
Thrust Metal 0.25MM	6134-29-8050	1
Thrust Metal 0.50MM	6134-28-8050	1
Thrust Metal 0.75MM	6136-27-8050	1
Thrust Metal 1.00MM	6136-26-8050	1
Main & Thrust Metal Set STD	6136-21-8000	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6138-31-3104	6
Bolt Conrod	6136-32-3311	12
Bushing Conrod	6138-31-3133	6
Metal Conrod STD	6138-31-3040	6
Metal Conrod 0.25MM	6138-39-3040	6
Metal Conrod 0.50MM	6138-38-3040	6
Metal Conrod 0.75MM	6138-37-3040	6
Metal Conrod 1.00MM	6138-36-3040	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP2120	6
Piston Body C/W Clips	6138-32-2120	1
Pin Piston	6138-31-2410	1
Ring Set Piston	6138-32-2200	1
Liner	6138-21-2220	1
Piston Body C/W Clips	6138-32-2120	6
Piston, Pin & Clips	6138-32-2020	6
Pin Piston	6138-31-2410	6
Retainer Piston Pin	04065-04018	12
Ring Set Piston	6138-32-2200	6
Liner	6138-21-2220	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6138-12-1100	1
Sleeve Injector	6136-11-1130	6
Tappet	6136-42-2111	12
Valve In	6138-42-4110	6
Valve Ex	6136-42-4211	6
Valve Collet	6136-42-4520	24
Valve Guide	6136-19-1430	12
Valve Insert In	6138-12-1310	6
Valve Insert Ex	6136-12-1320	6
Valve Spring	6136-42-4410	12
Retainer Valve Spring Upper	6136-42-4510	12
Retainer Valve Spring Lower	6136-41-4530	12
Push Rod	6136-42-3120	12
Capscrew Cyl Head	6136-12-1610	26

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6138-22-1011	1
Gear Camshaft	6136-41-1120	1
Bush Camshaft	6136-21-1410	4
Camshaft C/W Gear	6138-42-1011	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6138-K1-9901	1
Gasket Kit Lower	6138-K2-9901	1
Gasket Cylinder Head	6138-19-1811	1
Gasket Valve Cover	6136-11-8814	1
Gasket Oil Pan	6136-21-5821	1
Gasket Turbo	6131-11-5170	1
Gasket In Manifold	6136-11-4860	1
Gasket Ex Manifold	6135-11-5810	3
Gasket	6136-61-1820	A/R



Gear Camshaft

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KOMATSU SA6D110-1 (Build 8B) Engine S/No. 50001-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6136-52-1100	1
Core Oil Cooler	600-651-1431	1
Core Aftercooler	6138-11-4631	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105210-4690	1
Injector	6138-12-3300	6
Fuel Nozzle Injector	6138-12-3320	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6138-61-1560	1
Water Pump Assy	6138-61-1570	1
Water Pump Assy	6138-61-1670	1
Water Pump Assy	6138-61-1900	1
Water Pump	6138-61-1860	1
Thermostat	600-421-6310	1
Thermostat Gasket	6138-11-6810	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8321	1
Filter Oil	6136-51-5121	1
Filter Water	600-411-1151	

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2120.IFK	1
Out-Of-Frame Kit	KMP2120.OFK	1
Overhaul Kit	KMP2120.EOK	1

APPLICATIONS

D66S-1 S/No. 1001-Up
 WA380-1 S/No. 10001-Up
 WA380-1 S/No. A20012-Up
 WA400-1 S/No. 10001-Up
 WA420-1 S/No. 10001-Up

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KOMATSU SA6D110-1C/G (Build 8C) Engine S/No. 10350-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6138-31-1110	1
Gear Crankshaft	6136-31-1120	1
Front Seal	6136-22-3510	1
Rear Seal	6130-21-4231	1
Main Metal Assy STD	6136-21-8010	7
Main Metal Assy STD (Set)	6136-21-8010S	1
Main Metal Assy 0.25MM	6136-29-8010	7
Main Metal Assy 0.25MM (Set)	6136-29-8010S	1
Main Metal Assy 0.50MM	6136-28-8010	7
Main Metal Assy 0.50MM (Set)	6136-28-8010S	1
Main Metal Assy 0.75MM	6136-27-8010	7
Main Metal Assy 0.75MM (Set)	6136-27-8010S	1
Main Metal Assy 1.00MM	6136-26-8010	7
Main Metal Assy 1.00MM (Set)	6136-26-8010S	1
Thrust Metal STD	6134-21-8050	1
Thrust Metal 0.25MM	6134-29-8050	1
Thrust Metal 0.50MM	6134-28-8050	1
Thrust Metal 0.75MM	6136-27-8050	1
Thrust Metal 1.00MM	6136-26-8050	1
Main & Thrust Metal Set STD	6136-21-8000	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6138-31-3104	6
Bolt Conrod	6136-32-3311	12
Bushing Conrod	6138-31-3133	6
Metal Conrod STD	6138-31-3040	6
Metal Conrod 0.25MM	6138-39-3040	6
Metal Conrod 0.50MM	6138-38-3040	6
Metal Conrod 0.75MM	6138-37-3040	6
Metal Conrod 1.00MM	6138-36-3040	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP31-2010	6
Piston, Pin & Clips	6138-31-2010	1
Pin Piston	6138-31-2410	1
Retainer Piston Pin	04065-04018	2
Ring Set Piston	6138-32-2200	1
Liner	6138-21-2220	1
Piston Body C/W Clips	6138-31-2110	6
Piston, Pin & Clips	6138-31-2010	6
Pin Piston	6138-31-2410	6
Retainer Piston Pin	04065-04018	12
Ring Set Piston	6138-32-2200	6
Liner	6138-21-2220	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6138-12-1100	1
Sleeve Injector	6136-11-1130	6
Tappet	6136-41-2111	12
Valve In	6138-41-4110	6
Valve Ex	6136-41-4211	6
Valve Collet	6136-41-4520	24
Valve Guide	6136-19-1331	12
Valve Insert In	6136-11-1311	6
Valve Insert Ex	6134-11-1320	6
Valve Spring	6136-41-4410	12
Retainer Valve Spring Upper	6136-42-4510	12
Retainer Valve Spring Lower	6136-41-4530	12
Push Rod	6136-41-3110	12
Capscrew Cyl Head	6136-12-1610	26

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6138-22-1011	1
Gear Camshaft	6136-41-1120	1
Bush Camshaft	6136-21-1410	4
Camshaft C/W Gear	6136-41-1010	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6138-K1-5003	1
Gasket Kit Lower	6138-K2-5003	1
Gasket Cylinder Head	6138-19-1811	1
Gasket Valve Cover	6136-11-8812	1
Gasket Valve Cover	6136-11-8814	1
Gasket Oil Pan	6136-21-5821	1
Gasket Turbo	6131-11-5170	1
Gasket In Manifold	6136-11-4860	1
Gasket Ex Manifold	6135-11-5810	3
Gasket Front Cover Gear	6136-21-3830	1
Gasket Front Cover Plate	6136-21-3840	1
Gasket	6136-11-4960	A/R
Oil Seal	6136-65-8140	A/R
Oil Seal	6201-21-4510	A/R

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KOMATSU SA6D110-1C/G (Build 8C) Engine S/No. 10350-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6136-51-1002	1
Core Oil Cooler	600-651-1431	1
Core Aftercooler	6138-11-4631	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105210-4480	1
Injector	6136-11-3110	6
Fuel Nozzle Injector	6138-11-3121	6
Seal Washer	07005-00812	12
Packing	6136-11-3131	6

COOLING SYSTEM	PART No	QTY
Water Pump	6138-61-1401	1
Shaft Water Pump	6134-61-1320	1
Impeller Water Pump	6138-61-1330	1
Seal Water Pump	6211-61-1530	1
Thermostat	600-421-6320	1
Thermostat Gasket	6138-11-6810	1

FILTERS	PART No	QTY
Air Filter Assy	600-182-2500	1
Filter Fuel	600-311-8321	1
Filter Oil	6136-51-5121	1
Filter Fuel Separator	600-311-9700	1
Filter Water	600-411-1151	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP31-2010.IFK	1
Out-Of-Frame Kit	KMP31-2010.OFK	1
Overhaul Kit	KMP31-2010.EOK	1

APPLICATIONS
N/K

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KOMATSU SA6D110-1N/P/P-B (Build 8D) Engine S/No. 50001-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6138-31-1110	1
Gear Crankshaft	6136-31-1120	1
Front Seal	6136-22-3510	1
Rear Seal	6130-22-4231	1
Main Metal Assy STD	6136-21-8010	7
Main Metal Assy STD (Set)	6136-21-8010S	1
Main Metal Assy 0.25MM	6136-29-8010	7
Main Metal Assy 0.25MM (Set)	6136-29-8010S	1
Main Metal Assy 0.50MM	6136-28-8010	7
Main Metal Assy 0.50MM (Set)	6136-28-8010S	1
Main Metal Assy 0.75MM	6136-27-8010	7
Main Metal Assy 0.75MM (Set)	6136-27-8010S	1
Main Metal Assy 1.00MM	6136-26-8010	7
Main Metal Assy 1.00MM (Set)	6136-26-8010S	1
Thrust Metal STD	6134-21-8050	1
Thrust Metal 0.25MM	6134-29-8050	1
Thrust Metal 0.50MM	6134-28-8050	1
Thrust Metal 0.75MM	6136-27-8050	1
Thrust Metal 1.00MM	6136-26-8050	1
Main & Thrust Metal Set STD	6136-21-8000	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6138-31-3104	6
Bolt Conrod	6136-32-3311	12
Bushing Conrod	6138-31-3133	6
Metal Conrod STD	6138-31-3040	6
Metal Conrod 0.25MM	6138-39-3040	6
Metal Conrod 0.50MM	6138-38-3040	6
Metal Conrod 0.75MM	6138-37-3040	6
Metal Conrod 1.00MM	6138-36-3040	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP32-2010	6
Piston, Pin & Clips	6138-32-2010	1
Ring Set Piston	6138-32-2200	1
Liner	6138-21-2220	1
Cylinder Kit	KMP32-2110	6
Piston, Pin & Clips	6138-32-2110	1
Pin Piston	6138-31-2410	1
Ring Set Piston	6138-32-2200	1
Liner	6138-21-2220	1
Piston Body C/W Clips	6138-32-2110	6
Piston, Pin & Clips	6138-32-2010	6
Pin Piston	6138-31-2410	6
Retainer Piston Pin	04065-04018	12
Ring Set Piston	6138-32-2200	6
Liner	6138-21-2220	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6138-12-1100	1
Sleeve Injector	6136-11-1130	6
Tappet	6136-42-2111	12
Valve In	6138-42-4110	6
Valve Ex	6136-42-4211	6
Valve Collet	6136-42-4520	24
Valve Guide	6136-19-1430	12
Valve Insert In	6138-12-1310	6
Valve Insert Ex	6136-12-1320	6
Valve Spring	6136-42-4410	12
Retainer Valve Spring Upper	6136-42-4510	12
Retainer Valve Spring Lower	6136-41-4530	12
Push Rod	6136-42-3120	12
Capscrew Cyl Head	6136-12-1610	26



Injector Cup

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6138-22-1021	1
Gear Camshaft	6136-41-1120	1
Bush Camshaft	6136-21-1410	4
Camshaft C/W Gear	6138-42-1011	1

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KOMATSU SA6D110-1N/P/P-B (Build 8D) Engine S/No. 50001-Up

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6138-K1-8101	1
Gasket Kit Lower	6138-K2-8101	1
Gasket Cylinder Head	6138-19-1811	1
Gasket Valve Cover	6136-11-8814	1
Gasket Oil Pan	6136-21-5821	1
Gasket Turbo	6131-11-5170	1
Gasket In Manifold	6136-11-4860	1
Gasket Ex Manifold	6135-11-5810	3
Gasket Front Cover Gear	6136-21-3830	1
Gasket Front Cover Plate	6136-21-3840	1
Gasket	07005-01412	A/R
Gasket	6136-11-4960	A/R
Gasket	6136-61-1820	A/R

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6136-52-1100	1
Core Oil Cooler	600-651-1431	1
Gasket Oil Cooler Cover	6136-61-2820	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105210-4800	1
Injector	6138-12-3300	6
Fuel Nozzle Injector	6138-12-3320	6
Seal Washer	07005-00812	12
Seal Washer	07005-01012	4
Packing	6136-11-3131	6

COOLING SYSTEM	PART No	QTY
Water Pump	6138-61-1401	1
Shaft Water Pump	6134-61-1320	1
Impeller Water Pump	6138-61-1330	1
Seal Water Pump	07000-15160	1
Seal Water Pump	6211-61-1530	1
Thermostat	600-421-6320	1
Thermostat Gasket	6138-11-6810	1

FILTERS	PART No	QTY
Air Filter Assy	600-182-2500	1
Filter Fuel	600-311-8321	1
Filter Oil	6136-51-5121	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP32-2010.IFK	1
Out-Of-Frame Kit	KMP32-2010.OFK	1
Overhaul Kit	KMP32-2010.EOK	1

APPLICATIONS

EG150-3

EG150-5



Injector



Fuel Nozzle Injector

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KOMATSU S6D114 (Build 9)

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft W/O Gear	6742-01-0490	1
Crankshaft C/W Gear	1240968H92	1
Gear Crankshaft	6742-01-1590	1
Front Seal Kit	1241214H1	1
Rear Seal	1240847H91	1
Rear Seal & Sleeve Kit (Dry)	6736-39-1140	1
Wear Sleeve (Front)	1295465H92	1
Main & Thrust Metal Set STD	1241184H2	1
Main & Thrust Metal Set 0.25MM	1294793H91	1
Main & Thrust Metal Set 0.50MM	1294794H91	1
Main & Thrust Metal Set 0.75MM	1294795H91	1
Main & Thrust Metal Set 1.00MM	1294796H91	1
Thrust Metal STD	6742-01-5282	1
Thrust Metal 0.25MM	6742-01-5272	1
Thrust Metal 0.50MM	6742-01-5442	1
Thrust Metal 0.75MM	6742-01-5284	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6743-31-3102	6
Bolt Conrod	1240903H1	12
Nut Conrod	6742-01-4340	12
Bushing Conrod	6742-01-2740	6
Metal Conrod STD	6743-31-3210	12
Metal Conrod 0.25MM	6742-01-2810	12
Metal Conrod 0.50MM	6742-01-2820	12
Metal Conrod 0.75MM	6742-01-2830	12
Metal Conrod 1.00MM	6742-01-2840	12

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	1295692H91	6
Piston Body C/W Clips	CU3923163	1
Pin Piston	6742-01-5474	1
Ring Set Piston	1241748H92	1
Liner & Seal Kit	1241175H92	1
Piston, Clips, Pin & Rings	1295691H91	6
Pin Piston	6742-01-5474	6
Retainer Piston Pin	6742-01-5309	12
Ring Set Piston	1241748H92	6
Liner Seal	6742-01-1520	12
Liner & Seal Kit	1241175H92	6
Liner & Seal Kit	6742-01-1500	6

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	1294846H91	1
Tappet	6732-41-2112	12
Valve Kit In	1296823H1	6
Valve Kit Ex	6742-01-3000	6
Valve Collet	6742-01-2990	24
Valve Guide	6742-01-3240	12
Valve Insert In	1241223H2	6
Valve Insert In	6745-41-4210	6
Valve Insert Ex	1241192H1	6
Valve Spring	6742-01-3020	12
Seal Valve Stem	1241663H1	12
Capscrew Cyl Head	1294850H1	14
Capscrew Cyl Head	1294851H1	12

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Cylinder Block	1294789H94	1
Cylinder Block	6741-22-1110	1
Gear Camshaft	6742-01-2880	1
Bush Camshaft	6742-01-5160	7
Camshaft W/O Gear	1278467H1	1
Camshaft W/O Gear	1278467H2	1
Nozzle Piston Cooling	6742-01-3890	12

GASKET KITS & COMPONENTS

	PART No	QTY
Gasket Kit Upper	6743-K1-1100	1
Gasket Kit Lower	6743-K2-1100	1
Gasket Cylinder Head	1295449H2	1
Seal Rocker Cover	6742-01-0730	1
Gasket Oil Pan	6742-01-5308	1
Gasket In Manifold	1296593H1	1
Gasket Ex Manifold	1241144H1	6
Seal Dust Front Cover	6742-01-3320	1
Gasket	6207-51-7690	A/R
Gasket	6742-01-3580	A/R
Gasket	6742-22-3810	A/R
Gasket	6743-51-5550	A/R

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KOMATSU S6D114 (Build 9)

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6742-01-5201	1
Core Oil Cooler	6742-01-2450	1
Gasket Oil Cooler	6742-01-1080	1
Gasket Oil Cooler	6742-01-2460	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	1294810H1	1
Injector	1294837H91	6
Fuel Nozzle Injector	6742-01-3730	6

COOLING SYSTEM	PART No	QTY
Water Pump	6742-01-5040	1
Water Pump Assy	6742-01-5577	1
Seal Water Pump	6742-01-0920	1
Thermostat	6742-01-1900	2
Thermostat Hsg Gasket	1261093H1	1

FILTERS	PART No	QTY
Filter Fuel	161624	1
Filter Fuel	6732-71-6111	1
Filter Oil	1294153H1	1
Filter Oil	6742-01-4540	1
Filter Fuel Separator	161623	1
Filter Fuel Separator	6732-71-6120	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP3163.IFK	1
Out-Of-Frame Kit	KMP3163.OFK	1
Overhaul Kit	KMP3163.EOK	1

APPLICATIONS

538 S/No. U0030001-U003100 & C003101-Up
 850 S/No. U200000-U200416
 850 S/No. U200417-U201999
 850, 850B, 850C, 870, 870B & 870C S/No. U202002-Up
 870 S/No. U200000-U200416
 870 S/No. U200417- U201999
 TD-15C S/No. P061366-Up
 TD-15E S/No. U008001 - Up & P030501-Up



Valve Train Items



Valve Kit In

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KOMATSU S6D114-1 (Build 9A)

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6742-01-1570	1
Gear Crankshaft	6742-01-1590	1
Front Seal	6742-02-1110	1
Rear Seal & Sleeve Kit (Wet)	6736-39-1130	1
Rear Seal & Sleeve Kit (Dry)	6736-39-1140	1
Main & Thrust Metal Set STD	6742-01-5199	1
Main & Thrust Metal Set 0.25MM	6742-01-5233	1
Main & Thrust Metal Set 0.50MM	6742-01-5240	1
Main & Thrust Metal Set 0.75MM	6742-01-5287	1
Main & Thrust Metal Set 1.00MM	6742-01-5288	1
Thrust Metal STD	6742-01-5282	1
Thrust Metal 0.25MM	6742-01-5272	1
Thrust Metal 0.50MM	6742-01-5442	1
Thrust Metal 0.75MM	6742-01-5284	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6743-31-3102	6
Bolt Conrod	1304869H1	12
Nut Conrod	6742-01-4340	12
Bushing Conrod	6743-31-3120	6
Metal Conrod STD	6743-31-3210	12
Metal Conrod 0.25MM	6742-01-2810	12
Metal Conrod 0.50MM	6742-01-2820	12
Metal Conrod 0.75MM	6742-01-2830	12
Metal Conrod 1.00MM	6742-01-2840	12

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	1307230H91	6
Piston Body C/W Clips	3929161	1
Pin Piston	6742-01-5474	1
Ring Set Piston	1241748H92	1
Liner & Seal Kit	6742-01-1500	1
Piston, Clips & Rings	1304902H91	6
Pin Piston	6742-01-5474	6
Retainer Piston Pin	6742-01-5309	12
Ring Set Piston	1241748H92	6
Liner Seal	6742-01-1520	6
Liner & Seal Kit	6742-01-1500	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Loaded)	6741-11-1190	1
Cylinder Head (Bare)	1294846H91	1
Cylinder Head (Bare)	6742-01-5530	1
Cylinder Head (Bare)	6742-12-1110	1
Tappet	6732-41-2112	12
Valve Kit In	1296823H1	6
Valve Kit Ex	6742-01-3000	6
Valve Collet	6742-01-2990	24
Valve Guide	6742-01-3240	12
Valve Insert In	1241223H2	6
Valve Insert Ex	1307586H1	6
Valve Spring	6742-01-3020	12
Retainer Valve Spring Upper/Lower	6743-41-4510	12
Push Rod	6742-01-1250	12
Capscrew Cyl Head	6742-01-3270	12
Capscrew Cyl Head	6743-11-1610	14

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6741-22-1110	1
Gear Camshaft	6742-01-2880	1
Bush Camshaft	6742-01-5160	7
Camshaft W/O Gear	6742-01-4320	1
Nozzle Piston Cooling	6742-01-3890	12

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6742-01-4280	1
Gasket Kit Lower	6742-01-5140	1
Gasket Cylinder Head	6742-01-5172	1
Gasket Cylinder Head	6742-01-5582	1
Gasket Valve Cover	6742-01-0710	1
Gasket Oil Pan	6742-01-5308	1
Gasket In Manifold	6741-11-4510	2
Gasket Ex Manifold	6742-01-0820	6
Gasket Ex Manifold	6742-01-4010	6
Gasket	6207-51-7690	A/R

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KOMATSU S6D114-1 (Build 9A)

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6742-01-5201	1
Core Oil Cooler	6743-61-2210	1
Gasket Oil Cooler	6742-01-1080	1
Gasket Oil Cooler	6742-01-2460	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	6732-72-1310	1
Fuel Lift Pump	6735-71-1721	1
Injector	6742-01-5203	6

COOLING SYSTEM	PART No	QTY
Water Pump	6742-01-5040	1
Water Pump	6742-01-5578	1
Thermostat	6742-01-1900	2
Thermostat Gasket	6742-01-0830	1

FILTERS	PART No	QTY
Filter Fuel	6732-71-6111	1
Filter Oil	1295155H1	1
Filter Fuel Separator	6732-71-6120	1
Filter Fuel Separator	6732-71-6310	1
Filter Water	6742-01-3950	1
Filter Water	6742-01-3970	1
Filter Water	6742-01-3980	1
Filter Water	6742-01-3990	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP7230.IFK	1
Out-Of-Frame Kit	KMP7230.OFK	1
Overhaul Kit	KMP7230.EOK	1

APPLICATIONS

D61E-12 / P-12 S/No. 1001-Up
 D61EX-12 S/No. 1001-Up
 D61PX-12 S/No. 1001-Up
 PC300LC-6 / HD-6LC S/No. A80001-A83001
 PC300LC-6 / HD-6LE S/No. A83001-A84000
 PC300LL-6 S/No. A84001-Up
 PC340-6K S/No. K30001-Up
 PC340LC-6K S/No. K30001-Up
 PC340NLC-6K S/No. K30001-Up
 PC380LC-6K S/No. K30001-Up
 WA320-3 Avance Plus S/No. A31001-Up
 WA320-3H Active S/No. 20561-Up
 WA320-3L S/No. A30001-Up
 WA380-3 Avance Plus S/No. A51001-Up
 WA380-3H Active S/No. 20501-Up
 WA380-3L S/No. A50001-Up
 WA420-3 Avance Plus A31001-Up
 WA420-3H Active S/No. 30297-Up
 WA420-L S/No. A30001-Up
 GD650A/AW-2B/2C S/No. 202002-Up
 GD650A/AW-2B/2EY S/No. 210098-Up
 GD670A/AW-2B/2C S/No. 202002-Up
 GD670A/AW-2B/2EY S/No. 210098-Up



Main & Thrust Metal Set 0.25MM

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KOMATSU S6D114-1 (Build 9B)

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6742-01-1570	1
Gear Crankshaft	6742-01-1590	1
Front Seal	6742-02-1110	1
Rear Seal & Sleeve Kit (Wet)	6736-39-1130	1
Rear Seal & Sleeve Kit (Dry)	6736-39-1140	1
Main & Thrust Metal Set STD	6742-01-5199	1
Main & Thrust Metal Set 0.25MM	6742-01-5233	1
Main & Thrust Metal Set 0.50MM	6742-01-5240	1
Main & Thrust Metal Set 0.75MM	6742-01-5287	1
Main & Thrust Metal Set 1.00MM	6742-01-5288	1
Thrust Metal STD	6742-01-5282	1
Thrust Metal 0.25MM	6742-01-5272	1
Thrust Metal 0.50MM	6742-01-5442	1
Thrust Metal 0.75MM	6742-01-5284	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6743-31-3102	6
Nut Conrod	6742-01-4340	12
Bushing Conrod	6743-31-3120	6
Metal Conrod STD	6743-31-3210	12
Metal Conrod 0.25MM	6742-01-2810	12
Metal Conrod 0.50MM	6742-01-2820	12
Metal Conrod 0.75MM	6742-01-2830	12
Metal Conrod 1.00MM	6742-01-2840	12

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	1295692H91	6
Piston Body C/W Clips	CU3923163	1
Pin Piston	6742-01-5474	1
Ring Set Piston	1241748H92	1
Liner & Seal Kit	1241175H92	1
Cylinder Kit	1295706H91	6
Piston, Clips & Rings	CU3802397	1
Pin Piston	6742-01-5474	1
Liner & Seal Kit	6742-01-1500	1
Piston, Clips & Rings	CU3802397	6
Pin Piston	6742-01-5474	6
Retainer Piston Pin	6742-01-5309	12
Ring Set Piston	1241748H92	6
Liner Seal	1241196H1	6
Liner Seal	6742-01-1520	6
Liner & Seal Kit	1241175H92	6
Liner & Seal Kit	6742-01-1500	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	1294846H91	6
Tappet	6732-41-2112	12
Valve Kit In	1296823H1	6
Valve Kit Ex	6742-01-3000	6
Valve Collet	6742-01-2990	24
Valve Guide	6742-01-3240	12
Valve Insert In	1241223H2	6
Valve Insert Ex	1307586H1	6
Valve Spring	6742-01-3020	12
Retainer Valve Spring Upper/Lower	6743-41-4510	12
Push Rod	6742-01-1250	12
Capscrew Cyl Head	6742-01-3270	12
Capscrew Cyl Head	6743-11-1610	14

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6741-22-1110	1
Gear Camshaft	1241067H91	1
Bush Camshaft	6742-01-5160	7
Camshaft W/O Gear	1278467H1	1
Nozzle Piston Cooling	6742-01-3890	12

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6742-01-4280	1
Gasket Kit Lower	6742-01-5140	1
Gasket Cylinder Head	6742-01-5172	1
Gasket Cylinder Head	6742-01-5582	1
Gasket Valve Cover	6742-01-0710	1
Gasket Oil Pan	6742-01-5308	1
Gasket In Manifold	6741-11-4510	2
Gasket Ex Manifold	6742-01-0820	6
Gasket Ex Manifold	6742-01-4010	6
Gasket	6207-51-7690	A/R

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KOMATSU S6D114-1 (Build 9B)

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6742-01-5201	1
Core Oil Cooler	6743-61-2210	1
Gasket Oil Cooler	6742-01-1080	1
Gasket Oil Cooler	6742-01-2460	1

FUEL SYSTEM	PART No	QTY
Fuel Lift Pump	6732-71-6591	1
Injector	1241065H91	6
Injector	1294837H91	6

COOLING SYSTEM	PART No	QTY
Water Pump	6742-01-5040	1
Thermostat	6742-01-1900	2
Thermostat Gasket	6742-01-0830	1

FILTERS	PART No	QTY
Filter Fuel	6732-71-6111	1
Filter Oil	1295155H1	1
Filter Oil	6742-01-4120	1
Filter Fuel Separator	6732-71-6120	1
Filter Water	6742-01-3960	1
Filter Water	6742-01-3990	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP5692.IFK	1
Out-Of-Frame Kit	KMP5692.OFK	1
Overhaul Kit	KMP5692.EOK	1

APPLICATIONS

WA320-1LC S/No. A25001-Up
 WA380-1LC S/No. A45001-Up
 WA420-1LC S/No. A25001-Up
 GD650A/AW-1 S/No. 200840-201999
 GD650A/AW-2A/2B/2C S/No. 202002-Up
 GD650A-2 S/No. 202001-Up
 GD670A-AW-1 S/No. 200840-201999
 GD670A/AW-2B/2C S/No. 202002-Up



Front Seal Kit



Rear Seal & Sleeve Kit (Dry)

KOMATSU S6D114-1 (Build 9B)

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KOMATSU SA6D114-1 (Build 9C)

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6742-01-1570	1
Gear Crankshaft	6742-01-1590	1
Front Seal	6742-02-1110	1
Rear Seal & Sleeve Kit (Wet)	6736-39-1130	1
Rear Seal & Sleeve Kit (Dry)	6736-39-1140	1
Main & Thrust Metal Set STD	6742-01-5199	1
Main & Thrust Metal Set 0.25MM	6742-01-5233	1
Main & Thrust Metal Set 0.50MM	6742-01-5240	1
Main & Thrust Metal Set 0.75MM	6742-01-5287	1
Main & Thrust Metal Set 1.00MM	6742-01-5288	1
Thrust Metal STD	6742-01-5282	1
Thrust Metal 0.25MM	6742-01-5272	1
Thrust Metal 0.50MM	6742-01-5442	1
Thrust Metal 0.75MM	6742-01-5284	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6743-31-3102	6
Nut Conrod	6742-01-4340	12
Bushing Conrod	6743-31-3120	6
Metal Conrod STD	6743-31-3210	12
Metal Conrod 0.25MM	6742-01-2810	12
Metal Conrod 0.50MM	6742-01-2820	12
Metal Conrod 0.75MM	6742-01-2830	12
Metal Conrod 1.00MM	6742-01-2840	12

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6742	6
Piston Body C/W Clips	CU3923163	1
Pin Piston	6742-01-5474	1
Ring Set Piston	1241748H92	1
Liner & Seal Kit	1241175H92	1
Piston, Pin & Clips	1295693H91	6
Piston, Clips & Rings	1241743H92	6
Pin Piston	6742-01-5474	6
Retainer Piston Pin	6742-01-5309	12
Ring Set Piston	1241748H92	6
Liner Seal	6742-01-1520	6
Liner & Seal Kit	1241175H92	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	1294846H91	1
Tappet	6732-41-2112	12
Valve Kit In	1296823H1	6
Valve Kit Ex	6742-01-3000	6
Valve Collet	6742-01-2990	24
Valve Guide	6742-01-3240	12
Valve Insert In	1241223H2	6
Valve Insert Ex	1307586H1	6
Valve Spring	6742-01-3020	12
Retainer Valve Spring Upper/Lower	6743-41-4510	12
Push Rod	6742-01-1250	12
Capscrew Cyl Head	6742-01-3270	12
Capscrew Cyl Head	6743-11-1610	14

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6741-22-1110	1
Gear Camshaft	1241067H91	1
Bush Camshaft	6742-01-5160	7
Camshaft W/O Gear	6742-01-4320	1
Nozzle Piston Cooling	6742-01-3890	12

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6742-01-4280	1
Gasket Kit Lower	6742-01-5140	1
Gasket Cylinder Head	6742-01-5172	1
Gasket Cylinder Head	6742-01-5582	1
Gasket Valve Cover	6742-01-0710	1
Gasket Oil Pan	6742-01-5308	1
Gasket In Manifold	6741-11-4510	2
Gasket Ex Manifold	6742-01-4010	6
Gasket	6742-01-3580	A/R

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KOMATSU SA6D114-1 (Build 9C)

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6742-01-5201	1
Core Oil Cooler	6743-61-2210	1
Gasket Oil Cooler	6742-01-1080	1
Gasket Oil Cooler	6742-01-2460	1

FUEL SYSTEM	PART No	QTY
Fuel Lift Pump	6732-71-6591	1
Injector	1294837H91	6
Injector	6743-11-3310	6

COOLING SYSTEM	PART No	QTY
Water Pump	6742-01-5040	1
Thermostat	6742-01-1900	2
Thermostat Gasket	6742-01-0830	1

FILTERS	PART No	QTY
Filter Fuel	6732-71-6111	1
Filter Oil	6742-01-4120	1
Filter Fuel Separator	6732-71-6120	1
Filter Water	6742-01-3960	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6742.IFK	1
Out-Of-Frame Kit	KMP6742.OFK	1
Overhaul Kit	KMP6742.EOK	1

APPLICATIONS

PC300LC-5 S/No. A30001-Up

WA420-1LC S/No. A25001-Up

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KOMATSU SAA6D114E-2A-A (Build 9D) Engine S/No. 26800003-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6742-01-1570	1
Gear Crankshaft	6742-01-1590	1
Front Seal	6742-02-1110	1
Rear Seal & Sleeve Kit (Wet)	6736-39-1130	1
Rear Seal & Sleeve Kit (Dry)	6736-39-1140	1
Main & Thrust Metal Set STD	6742-01-5199	1
Main & Thrust Metal Set 0.25MM	6742-01-5233	1
Main & Thrust Metal Set 0.50MM	6742-01-5240	1
Main & Thrust Metal Set 0.75MM	6742-01-5287	1
Main & Thrust Metal Set 1.00MM	6742-01-5288	1
Thrust Metal STD	6742-01-5282	1
Thrust Metal 0.25MM	6742-01-5272	1
Thrust Metal 0.50MM	6742-01-5442	1
Thrust Metal 0.75MM	6742-01-5284	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6743-31-3102	6
Nut Conrod	6742-01-4340	12
Bushing Conrod	6743-31-3120	6
Metal Conrod STD	6743-31-3210	6
Metal Conrod 0.25MM	6742-01-2810	12
Metal Conrod 0.50MM	6742-01-2820	12
Metal Conrod 0.75MM	6742-01-2830	12
Metal Conrod 1.00MM	6742-01-2840	12

CYLINDER KITS & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6743	6
Piston, Clips & Rings	6743-31-2101	1
Pin Piston	6742-01-5474	1
Liner & Seal Kit	6742-01-5159	1
Piston Body C/W Clips	6743-31-2110	6
Piston, Clips & Rings	6743-31-2101	6
Pin Piston	6742-01-5474	6
Retainer Piston Pin	6742-01-5309	12
Ring Set Piston	1241748H92	6
Liner Seal	6742-01-1520	6
Liner & Seal Kit	6742-01-5159	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Loaded)	6741-11-1190	1
Tappet	6732-41-2112	12
Rocker Lever (Inc Adj Screw & Nut)	6742-01-1270	6
Valve Kit In	1296823H1	6
Valve Kit Ex	6742-01-3000	6
Valve Collet	6742-01-2990	24
Valve Guide	6742-01-3240	12
Valve Insert In	1241223H2	6
Valve Insert Ex	1307586H1	6
Valve Spring	6742-01-3020	12
Retainer Valve Spring Upper/Lower	6743-41-4510	12
Retaining Ring	6742-01-1330	12
Push Rod	6742-01-1250	12
Capscrew Cyl Head	6742-01-3270	12
Capscrew Cyl Head	6742-01-3340	12
Capscrew Cyl Head	6743-11-1610	14

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6741-21-1103	1
Cam Support (Thrust Plate)	6732-41-1220	1
Gear Camshaft	6742-01-2880	1
Bush Camshaft	6742-01-5160	7
Camshaft W/O Gear	6742-01-4320	1
Nozzle Piston Cooling	6742-01-3890	12

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6742-01-4280	1
Gasket Kit Lower	6742-01-5140	1
Gasket Cylinder Head	6742-01-5172	1
Gasket Cylinder Head	6742-01-5582	1
Gasket Valve Cover	6742-01-0710	1
Gasket Oil Pan	6742-01-5308	1
Gasket In Manifold	6741-11-4510	2
Gasket In Manifold	6754-11-4120	1
Gasket Ex Manifold	6742-01-4010	6
Seal Dust Front Cover	6742-01-3320	1
Gasket	07005-01412	A/R
Gasket	1240028H2	A/R
Gasket	6741-21-3810	A/R

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KOMATSU SAA6D114E-2A-A (Build 9D) Engine S/No. 26800003-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6741-51-1110	1
Valve Pressure Relief	6731-61-2151	1
Core Oil Cooler	6743-61-2210	1
Gasket Oil Cooler	6742-01-1080	1
Gasket Oil Cooler	6743-51-4430	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	6743-71-7132	1
Injector	6743-11-3310	6
Injector	6743-11-3320	6
Fuel Nozzle Injector	6743-11-3120	6
Seal Washer	6735-71-3840	2
Seal Injector	6742-01-0740	6

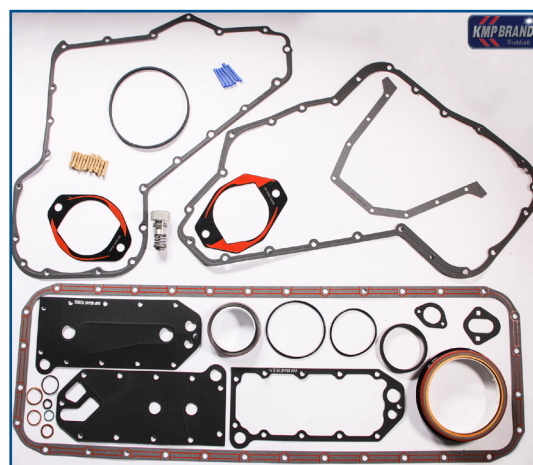
COOLING SYSTEM	PART No	QTY
Water Pump	6743-61-1531	1
Seal Water Pump	6741-61-1520	1
Thermostat	6746-61-6210	1
Thermostat Seal	6746-61-6230	1
Thermostat Gasket	6742-01-0830	1

FILTERS	PART No	QTY
Air Filter Outer	600-185-5110	1
Element Assy	600-185-5100	1
Filter Fuel	600-311-8321	1
Filter Fuel	600-311-9121	1
Engine Filter Kit	SAA6D114FK-1	1
Filter Oil	6742-01-4540	1
Filter Water	600-411-1191	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6743.IFK	1
In-Frame Kit	KMP6743.IFK-A	1
Out-Of-Frame Kit	KMP6743.OFK	1
Overhaul Kit	KMP6743.EOK	1
Overhaul Kit	KMP6743.EOK-A	1
Overhaul Kit	KMP6743.EOK-B	1

APPLICATIONS

PC300-7-W1 S/No. 40001-Up
 PC300LC-7 S/No. 40001-Up
 PC300LC-7L S/No. A85001-Up
 PC300LC-7-W1 S/No. 40001-Up
 PC300HD-7 S/No. 40001-Up
 PC300HD-7L S/No. A85001-Up
 PC340LC-7K S/No. K40001-Up
 PC350-7-W1 S/No. 20001-Up
 PC350LC-7-W1 S/No. 20001-Up
 WA380-5 S/No. 60001-Up
 WA380-5L S/No. A52001-Up
 WA400-5 S/No. 70001-Up
 WA450-5L S/No. A40001-Up



Gasket Kit Lower

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KOMATSU SA6D114E-1-GD (Build 9E)

RANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6742-01-1570	1
Gear Crankshaft	6742-01-1590	1
Front Seal	6742-02-1110	1
Rear Seal & Sleeve Kit (Wet)	6736-39-1130	1
Rear Seal & Sleeve Kit (Dry)	6736-39-1140	1
Main & Thrust Metal Set STD	6742-01-5199	1
Main & Thrust Metal Set 0.25MM	6742-01-5233	1
Main & Thrust Metal Set 0.50MM	6742-01-5240	1
Main & Thrust Metal Set 0.75MM	6742-01-5287	1
Main & Thrust Metal Set 1.00MM	6742-01-5288	1
Thrust Metal STD	6742-01-5282	1
Thrust Metal 0.25MM	6742-01-5272	1
Thrust Metal 0.50MM	6742-01-5442	1
Thrust Metal 0.75MM	6742-01-5284	1

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6742-01-5530	1
Tappet	6732-41-2112	12
Rocker Lever (Inc Adj Screw & Nut)	6742-01-1270	2
Valve Kit In	1296823H1	6
Valve Kit Ex	6742-01-3000	6
Valve Collet	6742-01-2990	24
Valve Guide	6742-01-3240	12
Valve Insert In	1241223H2	6
Valve Insert Ex	1307586H1	6
Valve Spring	6742-01-3020	12
Retainer Valve Spring Upper/Lower	6743-41-4510	12
Push Rod	6742-01-1250	12
Capscrew Cyl Head	6742-01-3270	12
Capscrew Cyl Head	6743-11-1610	14

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6743-31-3102	6
Nut Conrod	6742-01-4340	12
Bushing Conrod	6743-31-3120	6
Metal Conrod STD	6743-31-3210	12
Metal Conrod 0.25MM	1240914H1	12
Metal Conrod 0.25MM	6742-01-2810	12
Metal Conrod 0.50MM	6742-01-2820	12
Metal Conrod 0.75MM	6742-01-2830	12
Metal Conrod 1.00MM	6742-01-2840	12

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6741-22-1110	1
Gear Camshaft	6742-01-2880	1
Bush Camshaft	6742-01-5160	7
Camshaft W/O Gear	6742-01-4320	1
Nozzle Piston Cooling	6742-01-3890	12

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP5159	6
Piston Body C/W Clips	3929161	1
Pin Piston	6742-01-5474	1
Ring Set Piston	1241748H92	1
Liner & Seal Kit	6742-01-5159	1
Piston Body C/W Clips	6742-01-4350	6
Piston, Clips & Rings	1304902H91	6
Pin Piston	6742-01-5474	6
Retainer Piston Pin	6742-01-5309	12
Ring Set Piston	1241748H92	6
Liner Seal	6742-01-1520	6
Liner & Seal Kit	6742-01-5159	6

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6742-01-4280	1
Gasket Kit Lower	6742-01-5140	1
Gasket Cylinder Head	6742-01-5172	1
Gasket Cylinder Head	6742-01-5582	1
Gasket Valve Cover	6742-01-0710	1
Gasket Oil Pan	6742-01-5308	1
Gasket In Manifold	6741-11-4510	2
Gasket Ex Manifold	6742-01-4010	6
Gasket	1241249H1	A/R
Gasket	1277893H1	A/R

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KOMATSU SA6D114E-1-GD (Build 9E)

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6742-01-5201	1
Core Oil Cooler	6742-01-2450	1
Core Oil Cooler	6743-61-2210	1
Gasket Oil Cooler	6742-01-1080	1
Gasket Oil Cooler	6742-01-2460	1

APPLICATIONS

GD655-3A S/No. 10001-Up
 GD655-3C S/No. 50001-Up
 GD655-3C-VH S/No. 50001-Up
 GD675-3A S/No. 10001-Up
 GD675-3C S/No. 50001-Up
 PC300LC-6LE S/No. A84001-Up
 PC300HD-6LE S/No. A84001-Up
 WA320-3H Active S/No. 20561-Up
 WA380-3H Active S/No. 20501-Up

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	6742-01-5513	1
Injector	6742-01-5541	6
Seal Injector	6742-01-0740	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6742-01-5577	1
Water Pump	6742-01-5578	1
Thermostat	6742-01-1900	2
Thermostat Gasket	6742-01-0830	1

FILTERS	PART No	QTY
Filter Fuel	6732-71-6111	1
Filter Oil	6742-01-4540	1
Filter Fuel Separator	6732-71-6120	1
Filter Water	6742-01-3980	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP5159.IFK	1
Out-Of-Frame Kit	KMP5159.OFK	1
Overhaul Kit	KMP5159.EOK	1



Liner & Seal Kit



Liner Seal

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KOMATSU SA6D1 14-1AA (Build 9F)

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6742-01-1570	1
Gear Crankshaft	6742-01-1590	1
Front Seal	6742-02-1110	1
Rear Seal & Sleeve Kit (Wet)	6736-39-1130	1
Rear Seal & Sleeve Kit (Dry)	6736-39-1140	1
Main & Thrust Metal Set STD	6742-01-5199	1
Main & Thrust Metal Set 0.25MM	6742-01-5233	1
Main & Thrust Metal Set 0.50MM	6742-01-5240	1
Main & Thrust Metal Set 0.75MM	6742-01-5287	1
Main & Thrust Metal Set 1.00MM	6742-01-5288	1
Thrust Metal STD	6742-01-5282	1
Thrust Metal 0.25MM	6742-01-5272	1
Thrust Metal 0.50MM	6742-01-5442	1
Thrust Metal 0.75MM	6742-01-5284	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6743-31-3102	6
Nut Conrod	6742-01-4340	12
Bushing Conrod	6743-31-3120	6
Metal Conrod STD	6743-31-3210	12
Metal Conrod 0.25MM	6742-01-2810	12
Metal Conrod 0.50MM	6742-01-2820	12
Metal Conrod 0.75MM	6742-01-2830	12
Metal Conrod 1.00MM	6742-01-2840	12

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	6742-01-5069	6
Piston Body C/W Clips	6742-01-5067	1
Pin Piston	6742-01-5474	1
Ring Set Piston	1241748H92	1
Liner & Seal Kit	6742-01-1500	1
Piston Body C/W Clips	6742-01-5067	6
Piston, Clips & Rings	6742-01-5070	6
Pin Piston	6742-01-5474	6
Retainer Piston Pin	6742-01-5309	12
Ring Set Piston	1241748H92	6
Liner Seal	6742-01-1520	6
Liner & Seal Kit	6742-01-1500	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6742-12-1130	1
Tappet	6732-41-2112	12
Valve Kit In	1296823H1	6
Valve Kit Ex	6742-01-3000	6
Valve Collet	6742-01-2990	24
Valve Guide	6742-01-3240	12
Valve Insert In	1241223H2	6
Valve Insert Ex	1307586H1	6
Valve Spring	6742-01-3020	12
Retainer Valve Spring Upper/Lower	6743-41-4510	12
Push Rod	6742-01-1250	12
Capscrew Cyl Head	6742-01-3270	12
Capscrew Cyl Head	6743-11-1610	14

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6741-22-1110	1
Gear Camshaft	6742-01-2880	1
Bush Camshaft	6742-01-5160	7
Camshaft W/O Gear	6742-01-4320	1
Nozzle Piston Cooling	6742-01-3890	12

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6742-01-4280	1
Gasket Kit Lower	6742-01-5140	1
Gasket Cylinder Head	6742-01-5172	1
Gasket Cylinder Head	6742-01-5582	1
Gasket Valve Cover	6742-01-0710	1
Gasket Oil Pan	6742-01-5308	1
Gasket In Manifold	6741-11-4510	2
Gasket Ex Manifold	6742-01-4010	6



Gear Crankshaft

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KOMATSU SA6D114-1AA (Build 9F)

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6742-01-5201	1
Core Oil Cooler	6743-61-2210	1
Core Aftercooler	6742-01-5005	1
Gasket Oil Cooler	6742-01-1080	1
Gasket Oil Cooler	6742-01-2460	1

FUEL SYSTEM	PART No	QTY
Fuel Lift Pump	6732-71-6591	1
Injector	6742-01-3080	6

COOLING SYSTEM	PART No	QTY
Water Pump	6742-01-5040	1
Thermostat	6742-01-5006	2
Thermostat Gasket	6742-01-0830	1

FILTERS	PART No	QTY
Filter Fuel	6732-71-6320	1
Filter Fuel	6742-01-5065	1
Filter Oil	1295155H1	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6742.IFK	1
Out-Of-Frame Kit	KMP6742.OFK	1
Overhaul Kit	KMP6742.EOK	1

APPLICATIONS

WA420-3CS S/No. R50001-Up

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KOMATSU SAA6D114E-2 (Build 9G) Engine S/No. 26800003-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6742-01-1570	1
Gear Crankshaft	6742-01-1590	1
Rear Seal & Sleeve Kit (Dry)	6736-39-1140	1
Wear Sleeve (Front)	1295465H92	1
Main & Thrust Metal Set STD	6742-01-5199	7
Main & Thrust Metal Set 0.25MM	6742-01-5233	7
Main & Thrust Metal Set 0.50MM	6742-01-5240	7
Main & Thrust Metal Set 0.75MM	6742-01-5287	7
Main & Thrust Metal Set 1.00MM	6742-01-5288	7
Thrust Metal STD	6742-21-8500	1
Thrust Metal 0.25MM	6742-01-5475	1
Thrust Metal 0.50MM	6742-28-8500	1
Thrust Metal 0.75MM	6742-01-5441	1
Thrust Metal 1.00MM	6742-26-8500	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	1240906H91	6
Conrod	6743-31-3102	6
Bolt Conrod	1304869H1	12
Nut Conrod	6742-01-4340	12
Bushing Conrod	6742-01-2740	6
Metal Conrod STD	6743-31-3210	6
Metal Conrod 0.25MM	6742-01-2810	6
Metal Conrod 0.50MM	6742-01-2820	6
Metal Conrod 0.75MM	6742-01-2830	6
Metal Conrod 1.00MM	6742-01-2840	6

CYLINDER KITS & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6743	6
Piston, Clips & Rings	6743-31-2101	1
Pin Piston	6742-01-5474	1
Liner & Seal Kit	6742-01-5159	1
Piston Body C/W Clips	6743-31-2110	6
Piston, Clips & Rings	6743-31-2101	6
Pin Piston	6742-01-5474	6
Retainer Piston Pin	6742-01-5309	12
Ring Set Piston	1241748H92	6
Liner Seal	6742-01-1520	6
Liner & Seal Kit	6742-01-5159	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6742-01-5530	6
Tappet	6732-41-2112	12
Rocker Lever (Inc Adj Screw & Nut)	6742-01-1270	12
Valve Kit In	1296823H1	12
Valve Kit Ex	6742-01-3000	12
Valve Collet	6742-01-2990	48
Valve Guide	6742-01-3240	24
Valve Insert In	1241223H2	24
Valve Insert Ex	1307586H1	12
Valve Spring	6741-41-4410	12
Seal Valve Stem	6742-01-5224	12
Retainer Valve Spring Upper/Lower	6743-41-4510	24
Rocker Arm Shaft	6742-01-1300	6
Push Rod	6742-01-1250	12
Capscrew Cyl Head	6742-01-3270	24
Capscrew Cyl Head	6743-11-1610	24

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6741-21-1290	1
Cam Support (Thrust Plate)	6732-41-1220	1
Gear Camshaft	6742-01-2880	1
Bush Camshaft	6742-01-5160	7
Camshaft W/O Gear	6742-01-4320	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6743-K1-1300	1
Gasket Kit Lower	6743-K2-1300	1
Gasket Cylinder Head	6742-01-5582	1
Gasket Valve Cover	6741-11-8121	1
Gasket Oil Pan	6742-01-5308	1
Gasket In Manifold	6741-11-4510	1
Gasket Ex Manifold	6742-01-4010	6
Gasket Front Cover Gear	6742-01-1070	1
Gasket	6207-51-7690	A/R
Gasket	6741-21-3810	A/R

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KOMATSU SAA6D114E-2 (Build 9G) Engine S/No. 26800003-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6741-51-1110	1
Core Oil Cooler	6743-61-2210	1
Gasket Oil Cooler	6742-01-1080	1

FUEL SYSTEM	PART No	QTY
Fuel Transfer Pump	6743-71-7130	1
Injector	6743-11-3320	6
Injector	6743-12-3310	6
Fuel Nozzle Injector	6743-11-3120	6
Fuel Nozzle Injector	6743-11-3220	6
Seal Injector	6742-01-0740	1

COOLING SYSTEM	PART No	QTY
Water Pump	6743-61-1531	1
Seal Water Pump	6741-61-1520	1
Thermostat	6741-61-1611	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8321	1
Engine Filter Kit	SAA6D114FK-1	1
Filter Oil	6742-01-4540	1
Filter Water	600-411-1191	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6743.IFK-A	1
Out-Of-Frame Kit	KMP6743.OFK-A	1
Overhaul Kit	KMP6743.EOK-A	1

APPLICATIONS

WA380-5L S/No. A52001-UP
WA380-5 S/No. 60001-UP
WA380-5-TN S/No. 60001-UP
WA380-5-SN S/No. 60001-UP
WA400-5 S/No. 70001-UP
WA400-5L S/No. A40001-UP
GD675-3 S/No. 50001-UP (FOR N.AMERICA)
GD675-3A S/No.10001-UP
CD110R-2 S/No. 1501-UP



Rocker Lever (Inc Adj Screw & Nut)



Rocker Arm Shaft

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KOMATSU SAA6D114E-3 (Build 9H) Engine S/No. 26850001-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6745-31-1110	1
Crankshaft C/W Gear	6745-31-1120	1
Front Seal	6742-02-1110	1
Rear Seal	6736-21-4221	1
Main & Thrust Metal Set STD	6742-01-5199	1
Main & Thrust Metal Set 0.25MM	6742-01-5233	7
Main & Thrust Metal Set 0.50MM	6742-01-5240	7
Main & Thrust Metal Set 0.75MM	6742-01-5287	7
Main & Thrust Metal Set 1.00MM	6742-01-5288	7
Thrust Metal STD	6742-21-8500	1
Thrust Metal 0.25MM	6742-01-5475	1
Thrust Metal 0.50MM	6742-28-8500	1
Thrust Metal 0.75MM	6742-01-5441	1
Thrust Metal 1.00MM	6742-26-8500	1

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6745-11-1130	1
Tappet	6745-41-2100	12
Valve Kit In	6744-41-4040	12
Valve Kit Ex	6744-41-4060	12
Valve Collet	6732-41-4520	48
Valve Guide	6745-49-4130	24
Valve Insert In	6745-19-4210	12
Valve Insert Ex	6745-19-4220	12
Valve Spring	6744-41-4030	24
Seal Valve Stem In	6744-41-4070	12
Seal Valve Stem Ex	6744-41-4080	12
Retainer Valve Spring Upper	6744-41-4050	24
Push Rod	6745-41-3100	12
Capscrew Cyl Head	6743-11-1610	26

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6743-31-3102	6
Bolt Conrod	1304869H1	12
Nut Conrod	6742-01-4340	12
Bushing Conrod	6743-31-3120	6
Metal Conrod STD	6743-31-3210	12
Metal Conrod 0.25MM	6745-39-1100	12
Metal Conrod 0.50MM	6745-39-1200	12
Metal Conrod 0.75MM	6745-39-1300	12
Metal Conrod 1.00MM	6745-39-1400	12

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Plug Expansion	6742-01-1480	1
Cylinder Block	6745-21-1190	1
Gear Camshaft	6745-41-1130	1
Bush Camshaft	6742-01-5160	7
Bush Camshaft	6746-21-1410	1
Camshaft	6745-41-1110	1
Nozzle Piston Cooling	6745-21-1610	6

CYLINDER KITS & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6745	6
Piston, Clips & Rings	6745-32-2100	1
Pin Piston	6745-31-2140	1
Liner & Seal Kit	6742-01-5159	1
Piston Body C/W Clips	6745-31-2111	6
Piston, Clips & Rings	6745-32-2100	6
Pin Piston	6745-31-2140	6
Retainer Piston Pin	04064-04518	12
Retainer Piston Pin	6742-01-5309	12
Ring Set Piston	6745-31-2010	6
Liner Seal	6742-01-1520	6
Liner & Seal Kit	6742-01-5159	6

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6742-01-4280	1
Gasket Kit Lower	6742-01-5140	1
Gasket Cylinder Head	6745-11-1811	1
Gasket Valve Cover	6745-11-8810	1
Gasket Oil Pan	6742-01-5308	1
Gasket Oil Pan	6745-21-5130	1
Gasket Turbo	6732-81-8830	1
Gasket In Manifold	6745-11-4120	1
Gasket Ex Manifold	6745-11-5810	6
Gasket Front Cover Gear	6742-01-1070	1
Seal Dust Front Cover	6742-01-3320	1
Gasket Rocker Lever Housing	6745-11-7810	1
Gasket	1240028H2	A/R
Gasket	6741-21-3810	A/R
Gasket	6743-51-5550	A/R

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KOMATSU SAA6D114E-3 (Build 9H) Engine S/No. 26850001-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6745-51-1111	1
Core Oil Cooler	6743-61-2210	1
Oil Cooler Cover	6732-21-3190	1
Gasket Oil Cooler	6742-01-1080	1

FUEL SYSTEM	PART No	QTY
Fuel Transfer Pump	6745-71-1820	1
Injector	6745-11-3100	6
Injector	6745-11-3102	6

COOLING SYSTEM	PART No	QTY
Water Pump	6743-61-1531	1
Water Pump	6745-61-1100	1
Water Pump Assy	6746-61-1200	1
Thermostat	6741-61-1611	1
Thermostat	6745-61-1110	1
Thermostat	6745-61-1111	1
Thermostat	6746-61-6210	1

FILTERS	PART No	QTY
Filter Fuel	600-319-3750	1
Filter Fuel	6754-79-6130	1
Engine Filter Kit	SAA6D114FK-1	1
Filter Oil	6742-01-4540	1
Filter Fuel Separator	600-319-3610	1
Filter Water	600-411-1191	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6745.IFK	1
Out-Of-Frame Kit	KMP6745.OFK-A	1
Overhaul Kit	KMP6745.EOK	1

APPLICATIONS

PC300-7E0 S/No. 50001 - UP (ecot3)
 PC350-7E0 S/No. 30001 - UP (ecot3)
 PC300LC-7E0 S/No. 50001 - UP (ecot3)
 PC350LC-7E0 S/No. 30001 - UP (ecot3)
 PC340LC-7K-E0 S/No. K45001 - UP
 PC340NLC-7K-E0 S/No. K45001 - UP
 D65EX-16/D65PX-16/D65WX-16
 WA430-6



Oil Pump



Core Oil Cooler

KOMATSU SAA6D114E-5 (Build 91) Engine S/No. 21857369-Up/26900001-Up

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft C/W Gear	6746-31-1120	1
Front Seal	6742-01-0950	1
Rear Seal	6732-21-1311	1
Main & Thrust Metal Set STD	6742-01-5199	1
Main & Thrust Metal Set 0.25MM	6742-01-5233	7
Main & Thrust Metal Set 0.50MM	6742-01-5240	7
Main & Thrust Metal Set 0.75MM	6742-01-5287	7
Main & Thrust Metal Set 1.00MM	6742-01-5288	7

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6746-31-3100	6
Bolt Conrod	6746-31-3130	12
Bushing Conrod	6743-31-3121	6
Metal Conrod (Upper) STD	6746-31-3310	6
Metal Conrod (Lower) STD	6743-31-3210	6
Metal Conrod 0.25MM	6742-01-2810	12
Metal Conrod 0.50MM	6742-01-2820	12
Metal Conrod 0.75MM	6742-01-2830	12
Metal Conrod 1.00MM	6742-01-2840	12

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP6745	6
Piston, Clips & Rings	6745-32-2100	1
Pin Piston	6745-31-2140	1
Liner & Seal Kit	6742-01-5159	1
Piston Body C/W Clips	6746-31-2110	6
Piston, Clips & Rings	6745-32-2100	6
Pin Piston	6745-31-2140	6
Retainer Piston Pin	6742-01-5309	12
Ring Set Piston	6746-31-2010	6
Liner Seal	6742-01-1520	6
Liner & Seal Kit	6742-01-5159	6

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6746-11-1210	1
Tappet	6745-41-2100	12
Valve In	6746-41-4120	12
Valve Ex	6746-41-4110	12
Valve Collet	6732-41-4520	48
Valve Guide	6745-49-4130	24
Valve Insert In	6745-19-4210	12
Valve Insert Ex	6745-19-4220	12
Valve Spring	6744-41-4031	24
Seal Valve Stem Ex	6744-41-4080	24
Retainer Valve Spring Upper	6744-41-4050	24
Push Rod	6745-41-3100	12
Capscrew Cyl Head	6743-11-1610	26

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Cylinder Block	6745-21-1190	1
Gear Camshaft	6745-41-1130	1
Bush Camshaft	6742-01-5160	7
Camshaft W/O Gear	6745-41-1110	1
Nozzle Piston Cooling	6746-21-1610	6

GASKET KITS & COMPONENTS

	PART No	QTY
Gasket Cylinder Head	6746-11-1180	1
Gasket Valve Cover	6745-11-8810	1
Gasket Oil Pan	6745-21-5130	1
Gasket In Manifold	6746-11-4150	1
Gasket In Manifold	6754-11-4120	1
Gasket Ex Manifold	6745-11-5811	6
Seal Dust Front Cover	6742-01-3320	1
Gasket Rocker Lever Housing	6745-11-7810	1
Gasket	6741-21-3810	A/R

Conrod Group



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KOMATSU SAA6D114E-5 (Build 9I) Engine S/No. 21857369-Up/26900001-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6745-51-1111	1
Core Oil Cooler	6745-61-2111	1
Gasket Oil Cooler	6742-01-1080	1

FUEL SYSTEM	PART No	QTY
Fuel Transfer Pump	6745-71-1821	1
Injector	6746-11-3100	6
Injector O-Ring	6754-11-3140	6
Washer	6754-11-3130	6

COOLING SYSTEM	PART No	QTY
Water Pump	6746-61-1100	1
Seal Water Pump	6741-61-1520	1
Thermostat	6746-61-6210	1
Thermostat Seal	6746-61-6230	1

FILTERS	PART No	QTY
Air Filter Outer	600-185-5110	1
Element Assy	600-185-5100	1
Engine Filter Kit	SAA6D114FK-1	1
Filter Oil	6742-01-4540	2
Filter Fuel Separator	600-319-3610	2

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6746.IFK	1
Out-Of-Frame Kit	KMP6746.OFK	1
Overhaul Kit	KMP6746.EOK	1

APPLICATIONS

PC360LC-10
PC360NLC-10
D65EX-17
D65PX-17
D65WX-17

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KOMATSU 6D125-1 (Build 10A) Engine S/No. 10001-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6150-31-1110	1
Crankshaft C/W Gear	6151-35-1010	1
Gear Crankshaft	6151-35-1120	1
Front Seal	07011-10060	1
Front Seal	6150-21-3230	1
Rear Seal	6151-21-4161	1
Main Metal Assy STD	6150-21-8010	7
Main Metal Assy STD (Set)	6150-21-8010S	1
Main Metal Assy 0.25MM	6150-29-8010	7
Main Metal Assy 0.25MM (Set)	6150-29-8010S	1
Main Metal Assy 0.50MM	6150-28-8010	7
Main Metal Assy 0.50MM (Set)	6150-28-8010S	1
Main Metal Assy 0.75MM	6150-27-8010	7
Main Metal Assy 0.75MM (Set)	6150-27-8010S	1
Main Metal Assy 1.00MM	6150-26-8010	7
Main Metal Assy 1.00MM (Set)	6150-26-8010S	1
Thrust Metal STD	6150-21-8050	1
Thrust Metal 0.25MM	6150-29-8050	1
Thrust Metal 0.50MM	6150-28-8050	1
Thrust Metal 0.75MM	6150-27-8050	1
Thrust Metal 1.00MM	6150-26-8050	1
Main & Thrust Metal Set STD	6150-21-8000	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6150-31-3100	6
Bolt Conrod	6150-31-3310	12
Bushing Conrod	6150-31-3130	6
Metal Conrod STD	6150-31-3040	6
Metal Conrod 0.25MM	6150-39-3040	6
Metal Conrod 0.50MM	6150-38-3040	6
Metal Conrod 0.75MM	6150-37-3040	6
Metal Conrod 1.00MM	6150-36-3040	6



Lever Assy

CYLINDER KITS & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6150	6
Piston Body C/W Clips	6150-31-2112	1
Pin Piston	6150-31-2410	1
Ring Set Piston	6150-32-2030	1
Liner Seal Kit	KMP-SK-125	1
Liner	6151-22-2220	1
Piston Body C/W Clips	6150-31-2112	6
Piston, Pin & Clips	6150-31-2012	6
Pin Piston	6150-31-2410	6
Retainer Piston Pin	04065-04818	12
Ring Set Piston	6150-32-2030	6
Liner Seal Kit	KMP-SK-125	6
Liner	6151-22-2220	6
Liner & Seal Kit	6151-22-2220S	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Loaded)	6150-11-1010	6
Cylinder Head (Bare)	6150-11-1102	6
Sleeve Injector	6136-11-1130	6
Crosshead Assy	6150-41-5601	12
Lever Assy	6150-41-2011	12
Shaft Assy	6150-41-2400	6
Pin	6150-41-2430	12
Bolt	6150-41-2450	12
Ball	6150-81-8420	12
Valve In	6150-41-4111	12
Valve Ex	6150-41-4210	12
Valve Collet	6136-42-4520	48
Valve Guide In	6150-12-1341	12
Valve Guide Ex	6150-12-1351	12
Valve Insert In	6151-11-1330	12
Valve Insert Ex	6150-11-1320	12
Valve Spring	6150-41-4411	24
Seal Valve Stem	6140-41-4540	12
Retainer Valve Spring Upper	6150-41-4510	24
Retainer Valve Spring Lower	6150-41-4430	24
Push Rod	6150-41-3111	12
Capscrew Cyl Head	01438-01020	6
Capscrew Cyl Head	6150-11-1610	36

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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KOMATSU 6D125-1 (Build 10A) Engine S/No. 10001-Up

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6150-21-1103	1
Gear Camshaft	6150-41-1120	1
Bush Camshaft	6150-21-1490	7
Camshaft W/O Gear	6150-41-1012	1
Nozzle Piston Cooling	6151-21-1740	6

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6150-K1-9901	1
Gasket Kit Lower	6150-K2-9901	1
Gasket Cylinder Head	6150-17-1813	6
Gasket Valve Cover	6150-11-8810	6
Gasket Oil Pan	6150-21-5813	1
Gasket In Manifold	6150-13-4810	6
Gasket Ex Manifold	6150-11-5810	6
Oil Seal	07013-00090	A/R

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6150-51-1004	1
Core Oil Cooler	6150-61-2111	1
Oil Pump Gear	6150-51-1260	1

FUEL SYSTEM	PART No	QTY
Bracket	6150-21-6120	1
Fuel Feed Pump	ND092100-1602	1
Fuel Feed Pump	ND092100-1761	1
Injector	6150-11-3101	6
Fuel Nozzle Injector	6150-11-3120	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6150-61-1103	1
Water Pump Assy	6150-61-1104	1
Water Pump Gasket Kit	6150-K6-9901	1
Thermostat	600-421-6310	1
Thermostat Gasket	6138-11-6810	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8321	1
Filter Oil	6136-51-5121	1
Valve Shut Off	6710-61-8411	2

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6150.IFK	1
Out-Of-Frame Kit	KMP6150.OFK	1
Overhaul Kit	KMP6150.EOK	1

APPLICATIONS

D50A-17 S/No. 60001-Up
 D50A-17 S/No. 80001-Up
 D50P, PL-17 S/No. 60001-Up
 D53A-17 S/No. 80001-Up
 D53P-17 S/No. 80001-Up
 D58P-1 S/No. 80588-Up
 D58P-1B S/No. 80588-Up
 D60A-8 / P-8 / S-8 S/No. 45001-Up
 D60A-8A S/No. 45001-Up
 D65A-8 S/No. 45001-Up
 D65E-8 S/No. 45001-Up
 D65P-8 / S-8 S/No. 45001-Up
 D65E-12 S/No. 60001-60941
 D68E-1 S/No. 1001-Up
 D68P-1 S/No. 45590-Up
 D70-LE S/No. 45200-Up
 D70LE-12 S/No. 60001-Up
 GD605A-3 S/No. 54001-Up
 GD605A-3US S/No. 57001-Up
 GD623A-1 S/No. 30001-Up
 GD625A-1 S/No. 50001-Up
 GD625A-1C S/No. 60001-Up
 GD655A-3 S/No. 64001-Up

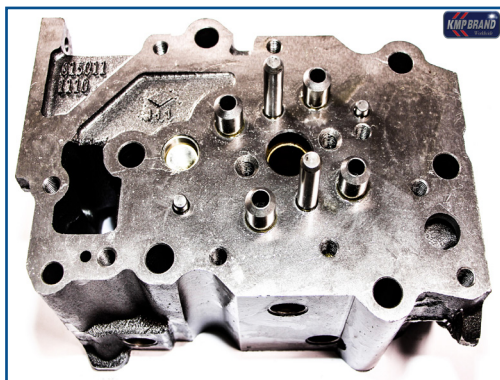
KOMATSU S6D125E-2 & SA6D125E-2 (Build 10B) Engine S/No. 61779-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6150-31-1110	1
Crankshaft C/W Gear	6151-35-1010	1
Gear Crankshaft	6150-35-1120	1
Front Seal	6150-21-3230	1
Rear Seal	6151-21-4161	1
Main Metal Assy STD	6150-21-8010	7
Main Metal Assy STD (Set)	6150-21-8010S	1
Main Metal Assy 0.25MM	6150-29-8010	7
Main Metal Assy 0.25MM (Set)	6150-29-8010S	1
Main Metal Assy 0.50MM	6150-28-8010	7
Main Metal Assy 0.50MM (Set)	6150-28-8010S	1
Main Metal Assy 0.75MM	6150-27-8010	7
Main Metal Assy 0.75MM (Set)	6150-27-8010S	1
Main Metal Assy 1.00MM	6150-26-8010	7
Main Metal Assy 1.00MM (Set)	6150-26-8010S	1
Thrust Metal STD	6150-21-8050	1
Thrust Metal 0.25MM	6150-29-8050	1
Thrust Metal 0.50MM	6150-28-8050	1
Thrust Metal 0.75MM	6150-27-8050	1
Thrust Metal 1.00MM	6150-26-8050	1
Main & Thrust Metal Set STD	6150-21-8000	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6150-31-3100	6
Bolt Conrod	6150-31-3310	12
Bushing Conrod	6150-31-3130	6
Metal Conrod STD	6151-31-3040	6
Metal Conrod 0.25MM	6151-39-3040	6
Metal Conrod 0.50MM	6151-38-3040	6
Metal Conrod 0.75MM	6151-37-3040	6
Metal Conrod 1.00MM	6151-36-3040	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP2410	6
Piston Body C/W Clips	6150-32-2110	1
Pin Piston	6150-31-2410	1
Ring Set Piston	6150-32-2030	1
Liner Seal Kit	KMP-SK-125	1
Liner	6151-22-2220	1
Piston Body C/W Clips	6150-32-2110	6
Pin Piston	6150-31-2410	6
Retainer Piston Pin	04065-04818	12
Ring Set Piston	6150-32-2030	6
Liner Seal Kit	KMP-SK-125	6
Liner	6151-22-2220	6
Liner & Seal Kit	6151-22-2220S	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Loaded)	6150-11-1010	6
Cylinder Head (Bare)	6150-11-1102	6
Sleeve Injector	6136-11-1130	6
Lever Assy	6150-41-2302	12
Valve In	6150-42-4110	12
Valve Ex	6150-42-4210	12
Valve Collet	6136-42-4520	48
Valve Guide	6150-12-1370	24
Valve Insert In	6151-11-1330	12
Valve Insert Ex	6150-11-1320	12
Valve Spring	6150-41-4450	24
Seal Valve Stem	6150-41-4570	12
Retainer Valve Spring Upper	6150-41-4510	24
Retainer Valve Spring Lower	6150-41-4430	24
Push Rod	6150-41-3111	12
Capscrew Cyl Head	01438-01020	6
Capscrew Cyl Head	6150-11-1610	36



Cylinder Head (Bare)

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6150-21-1103	1
Gear Camshaft	6150-41-1120	1
Bush Camshaft	6150-21-1490	7
Camshaft W/O Gear	6150-41-1012	1

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KOMATSU S6D125E-2 & SA6D125E-2 (Build 10B) Engine S/No. 61779-Up

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6153-K1-9900	1
Gasket Kit Lower	6153-K2-9900	1
Gasket Cylinder Head	6151-12-1810	6
Gasket Valve Cover	6150-11-8810	6
Gasket Oil Pan	6150-21-5813	1
Gasket In Manifold	6150-13-4810	6
Gasket Ex Manifold	6150-11-5810	6
Gasket	6221-51-8160	A/R

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6150-51-1004	1
Core Oil Cooler	6150-61-2111	1
Core Oil Cooler	6151-61-2111	1

FUEL SYSTEM	PART No	QTY
Bracket	6150-21-6120	1
Fuel Feed Pump	ND092100-1602	1
Fuel Feed Pump	ND092100-2030	1
Injector	6150-12-3200	6
Fuel Nozzle Injector	6150-12-3220	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6151-62-1102	1
Water Pump Gasket Kit	6155-K6-9900	1
Seal Water Pump	6124-61-1242	1
Thermostat	600-421-6630	1
Thermostat Gasket	6210-61-6441	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8321	1
Filter Oil	600-211-1291	1

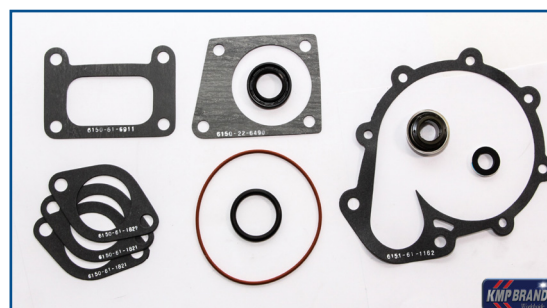
ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2410.IFK	1
Out-Of-Frame Kit	KMP2410.OFK	1
Overhaul Kit	KMP2410.EOK	1

APPLICATIONS

D53A-17 S/No. 80001-Up
D53P-17 S/No. 80001-Up
D58E-1 S/No. 80888-Up
D58E-1B S/No. 80888-Up
D58P-1 S/No. 80588-Up
D58P-1B S/No. 80588-Up
D65E-12 S/No. 60942-Up
D65E-12 S/No. 60942-Up



Water Pump Assy



Water Pump Gasket Kit

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KOMATSU S6D125-1 (Build 10C)

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft W/O Gear	6150-31-1110	1
Crankshaft C/W Gear	6151-35-1010	1
Gear Crankshaft	6150-35-1120	1
Front Seal	6150-21-3230	1
Rear Seal	6151-21-4161	1
Main Metal Assy STD	6150-21-8010	7
Main Metal Assy STD (Set)	6150-21-8010S	1
Main Metal Assy 0.25MM	6150-29-8010	7
Main Metal Assy 0.25MM (Set)	6150-29-8010S	1
Main Metal Assy 0.50MM	6150-28-8010	7
Main Metal Assy 0.50MM (Set)	6150-28-8010S	1
Main Metal Assy 0.75MM	6150-27-8010	7
Main Metal Assy 0.75MM (Set)	6150-27-8010S	1
Main Metal Assy 1.00MM	6150-26-8010	7
Main Metal Assy 1.00MM (Set)	6150-26-8010S	1
Thrust Metal STD	6150-21-8050	1
Thrust Metal 0.25MM	6150-29-8050	1
Thrust Metal 0.50MM	6150-28-8050	1
Thrust Metal 0.75MM	6150-27-8050	1
Thrust Metal 1.00MM	6150-26-8050	1
Main & Thrust Metal Set STD	6150-21-8000	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6151-31-3200	6
Bolt Conrod	6150-31-3310	12
Bushing Conrod	6151-31-3230	6
Metal Conrod STD	6150-31-3040	6
Metal Conrod 0.25MM	6150-39-3040	6
Metal Conrod 0.50MM	6150-38-3040	6
Metal Conrod 0.75MM	6150-37-3040	6
Metal Conrod 1.00MM	6150-36-3040	6

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP6151	6
Piston Body C/W Clips	6151-31-2171	1
Pin Piston	6151-31-2420	1
Ring Set Piston	6150-32-2030	1
Liner Seal Kit	KMP-SK-125	1
Liner	6151-22-2220	1
Piston Body C/W Clips	6151-31-2171	6
Piston, Pin & Clips	6151-31-2071	6
Pin Piston	6151-31-2420	6
Retainer Piston Pin	04065-04818	12
Ring Set Piston	6150-32-2030	6
Liner Seal Kit	KMP-SK-125	6
Liner	6151-22-2220	6
Liner & Seal Kit	6151-22-2220S	6

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6151-11-1102	6
Sleeve Injector	6136-11-1130	6
Sleeve Injector	6151-71-5110	1
Sleeve Injector	6151-71-5120	1
Sleeve Injector	6151-71-5130	1
Sleeve Injector	6151-71-5140	1
Sleeve Injector	6151-71-5150	1
Sleeve Injector	6151-71-5160	1
Crosshead Guide	6150-11-1140	12
Crosshead Assy	6150-41-5601	12
Lever Assy	6150-41-2302	12
Shaft Assy	6150-41-2400	6
Shaft Assy	6150-41-2401	6
Pin	6150-41-2430	12
Bolt	6150-41-2450	12
Ball	6150-81-8420	12
Valve In	6150-41-4111	12
Valve Ex	6150-41-4210	12
Valve Collet	6136-42-4520	48
Valve Guide In	6150-12-1341	12
Valve Guide Ex	6150-12-1351	12
Valve Insert In	6151-11-1330	12
Valve Insert Ex	6150-11-1320	12
Valve Spring	6150-41-4411	12
Valve Spring	6150-41-4420	12
Seal Valve Stem	6140-41-4540	12
Retainer Valve Spring Upper	6150-41-4510	24
Retainer Valve Spring Lower	6150-41-4430	24
Spring Seat Lower (Rotator)	6150-41-4540	12
Push Rod	6150-41-3111	12
Capscrew Cyl Head	01438-01020	6
Capscrew Cyl Head	6150-11-1610	36



Crosshead Assy

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KOMATSU S6D125-1 (Build 10C)

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6151-25-1302	1
Cam Support (Thrust Plate)	6150-41-1130	1
Gear Camshaft	6150-41-1120	1
Bush Camshaft	6150-21-1490	7
Camshaft W/O Gear	6150-41-1012	1
Nozzle Piston Cooling	6151-21-1740	6
Nozzle Piston Cooling	6151-21-1840	6
Nozzle Piston Cooling Pin	6151-21-1851	6

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6151-K1-9901	1
Gasket Kit Lower	6151-K2-9901	1
Gasket Cylinder Head	6150-17-1813	6
Gasket Valve Cover	6150-11-8810	6
Gasket Oil Pan	6150-21-5813	1
Gasket In Manifold	6150-13-4810	6
Gasket Ex Manifold	6150-11-5810	6
Oil Seal	07013-00090	A/R

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6151-51-1005	1
Core Oil Cooler	6151-61-2111	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105217-1490	1
Fuel Feed Pump	ND092100-1761	1
Injector	6150-11-3101	6
Injector	6151-11-3101	6
Injector	6151-11-3200	6
Fuel Nozzle Injector	6150-11-3120	6
Fuel Nozzle Injector	6151-11-3111	6
Fuel Nozzle Injector	6151-11-3220	6

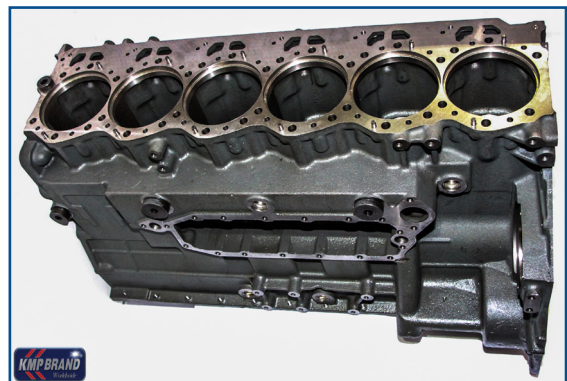
COOLING SYSTEM	PART No	QTY
Water Pump Assy	6151-61-1121	1
Water Pump Gasket Kit	6151-K6-9902	1
Thermostat	600-421-6310	1
Thermostat Gasket	6138-11-6810	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8321	1
Filter Oil	600-211-1231	1
Valve Shut Off	6710-61-8411	2

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6151.IFK	1
Out-Of-Frame Kit	KMP6151.OFK	1
Overhaul Kit	KMP6151.EOK	1

APPLICATIONS

D83E-1 S/No. 1001-Up
 D83P-1 S/No. 1001-Up
 D85A-21 S/No. 35001-36533
 D85A-21B S/No. 35001-36536
 D85E-21 S/No. 35001-36533
 D85P-21 S/No. 3001-3688
 PC300-3 S/No. 12001-UP
 PC300LC-3 S/No. 12001-UP & A14398-Up
 PC360LC-3 S/No. 10001-UP



Cylinder Block

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KOMATSU S6D125-1 (Build 10D)

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6150-31-1110	1
Crankshaft C/W Gear	6151-35-1010	1
Gear Crankshaft	6150-31-1121	1
Gear Crankshaft	6150-35-1120	1
Key	6150-31-1130	1
Front Seal	6150-21-3230	1
Rear Seal	6151-21-4161	1
Main Metal Assy STD	6150-21-8010	7
Main Metal Assy STD (Set)	6150-21-8010S	1
Main Metal Assy 0.25MM	6150-29-8010	7
Main Metal Assy 0.25MM (Set)	6150-29-8010S	1
Main Metal Assy 0.50MM	6150-28-8010	7
Main Metal Assy 0.50MM (Set)	6150-28-8010S	1
Main Metal Assy 0.75MM	6150-27-8010	7
Main Metal Assy 0.75MM (Set)	6150-27-8010S	1
Main Metal Assy 1.00MM	6150-26-8010	7
Main Metal Assy 1.00MM (Set)	6150-26-8010S	1
Thrust Metal STD	6150-21-8050	1
Thrust Metal 0.25MM	6150-29-8050	1
Thrust Metal 0.50MM	6150-28-8050	1
Thrust Metal 0.75MM	6150-27-8050	1
Thrust Metal 1.00MM	6150-26-8050	1
Main & Thrust Metal Set STD	6150-21-8000	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6151-31-3200	6
Bolt Conrod	6150-31-3310	12
Bushing Conrod	6151-31-3230	6
Metal Conrod STD	6150-31-3040	6
Metal Conrod 0.25MM	6150-39-3040	6
Metal Conrod 0.50MM	6150-38-3040	6
Metal Conrod 0.75MM	6150-37-3040	6
Metal Conrod 1.00MM	6150-36-3040	6



Camshaft W/O Gear

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP2150	6
Piston Body C/W Clips	6151-31-2150	1
Pin Piston	6151-31-2420	1
Ring Set Piston	6150-32-2030	1
Liner Seal Kit	KMP-SK-125	1
Liner	6151-22-2220	1
Piston Body C/W Clips	6151-31-2150	6
Piston, Pin & Clips	6150-31-2012	6
Piston, Pin & Clips	6151-31-2060	6
Pin Piston	6150-31-2410	6
Pin Piston	6151-31-2420	6
Retainer Piston Pin	04065-04818	12
Ring Set Piston	6150-32-2030	6
Liner Seal Kit	KMP-SK-125	6
Liner	6151-22-2220	6
Liner & Seal Kit	6151-22-2220S	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Loaded)	6150-11-1010	6
Cylinder Head (Bare)	6150-11-1102	6
Cylinder Head (Bare)	6151-11-1102	6
Sleeve Injector	6136-11-1130	6
Crosshead Guide	6150-11-1140	12
Crosshead Assy	6150-41-5601	12
Lever Assy	6150-41-2011	12
Lever Assy	6150-41-2302	12
Shaft Assy	6150-41-2400	6
Shaft Assy	6150-41-2401	6
Pin	6150-41-2430	12
Bolt	6150-41-2450	12
Ball	6150-81-8420	12
Valve In	6150-41-4111	12
Valve Ex	6150-41-4210	12
Valve Collet	6136-42-4520	48
Valve Guide In	6150-12-1341	12
Valve Guide Ex	6150-12-1351	12
Valve Insert In	6151-11-1330	12
Valve Insert Ex	6150-11-1320	12
Valve Spring	6150-41-4411	24
Valve Spring	6150-41-4420	24
Seal Valve Stem	6140-41-4540	24
Retainer Valve Spring Upper	6150-41-4510	24
Retainer Valve Spring Lower	6150-41-4430	24
Spring Seat Lower (Rotator)	6150-41-4540	12
Push Rod	6150-41-3111	12
Capscrew Cyl Head	6150-11-1610	36
Capscrew Cyl Head	6150-81-9160	6

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KOMATSU S6D125-1 (Build 10D)

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6150-21-1103	1
Cylinder Block	6151-25-1302	1
Bolt	01010-31022	2
Cam Support (Thrust Plate)	6150-41-1130	1
Gear Camshaft	6150-41-1120	1
Bush Camshaft	6150-21-1490	7
Camshaft W/O Gear	6150-41-1012	1
Nozzle Piston Cooling	6151-21-1740	6
Nozzle Piston Cooling	6151-21-1840	6
Nozzle Piston Cooling Pin	6151-21-1851	6

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6151-K1-9901	1
Gasket Kit Lower	6151-K2-9901	1
Gasket Cylinder Head	6150-17-1813	6
Gasket Valve Cover	6150-11-8810	6
Gasket Oil Pan	6150-21-5813	1
Gasket In Manifold	6150-13-4810	12
Gasket Ex Manifold	6150-11-5810	5
Gasket	07005-01412	A/R
Oil Seal	07013-00090	A/R

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6151-51-1005	1
Core Oil Cooler	6151-61-2111	1
Gasket Oil Cooler	6150-61-2815	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105217-1490	1
Fuel Feed Pump	ND092100-1602	1
Injector	6150-11-3101	6
Injector	6151-11-3101	6
Injector	6151-11-3200	6
Fuel Nozzle Injector	6150-11-3120	6
Fuel Nozzle Injector	6151-11-3121	6
Fuel Nozzle Injector	6151-11-3220	6
Silicon O-Ring (Red)	07000-65065	6
Seal Washer	07005-00812	2
Seal Washer	07005-01012	12

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6151-61-1121	1
Water Pump Gasket Kit	6151-K6-9902	1
Shaft Water Pump	6151-61-1310	1
Impeller Water Pump	6150-61-1210	1
Seal Water Pump	6150-61-1510	1
Seal Water Pump	6211-61-1530	1
Thermostat	600-421-6310	2
Thermostat Gasket	6138-11-6810	2

FILTERS	PART No	QTY
Air Filter Assy	6125-81-7032	1
Filter Fuel	600-311-8321	1
Filter Oil	600-211-1231	1
Valve Shut Off	6710-61-8411	2
Filter Fuel Separator	600-311-9700	1
Filter Water	600-411-1151	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2150.IFK	1
Out-Of-Frame Kit	KMP2150.OFK	1
Overhaul Kit	KMP2150.EOK	1

APPLICATIONS

D6SEX-12 S/No. 60001-60941

D6SPX-12 S/No. 60001-60883

D75A-1 S/No. 50001-Up

D75S-5 S/No. 15001-Up



Nozzle Piston Cooling

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KOMATSU S6D125-1 (Build 10E)

CRANKSHAFT & RELATED PARTS

PART No	QTY
Crankshaft W/O Gear	1
Crankshaft C/W Gear	1
Gear Crankshaft	1
Front Seal	1
Rear Seal	1
Rear Seal	1
Main Metal Assy STD	7
Main Metal Assy STD (Set)	1
Main Metal Assy 0.25MM	7
Main Metal Assy 0.25MM (Set)	1
Main Metal Assy 0.50MM	7
Main Metal Assy 0.50MM (Set)	1
Main Metal Assy 0.75MM	7
Main Metal Assy 0.75MM (Set)	1
Main Metal Assy 1.00MM	7
Main Metal Assy 1.00MM (Set)	1
Thrust Metal STD	1
Thrust Metal 0.25MM	1
Thrust Metal 0.50MM	1
Thrust Metal 0.75MM	1
Thrust Metal 1.00MM	1
Main & Thrust Metal Set STD	1

CONNECTING ROD & RELATED PARTS

PART No	QTY
Conrod	6
Conrod	6
Bolt Conrod	12
Bushing Conrod	6
Metal Conrod STD	6
Metal Conrod 0.25MM	6
Metal Conrod 0.50MM	6
Metal Conrod 0.75MM	6
Metal Conrod 1.00MM	6

CYLINDER KIT & COMPONENTS

PART No	QTY
Cylinder Kit	6
Piston Body C/W Clips	1
Pin Piston	1
Ring Set Piston	1
Liner Seal Kit	1
Liner	1

CYLINDER KIT & COMPONENTS (Continued)

PART No	QTY
Piston Body C/W Clips	6
Piston, Pin & Clips	6
Pin Piston	6
Retainer Piston Pin	12
Ring Set Piston	6
Liner Seal Kit	6
Liner	6
Liner & Seal Kit	6

CYLINDER HEAD & COMPONENTS

PART No	QTY
Cylinder Head (Bare)	6
Cylinder Head (Bare)	6
Sleeve Injector	6
Sleeve Injector	1
Sleeve Injector	1
Sleeve Injector	1
Sleeve Injector	1
Sleeve Injector	1
Sleeve Injector	1
Sleeve Injector	1
Sleeve Injector	1
Crosshead Guide	12
Crosshead Assy	12
Lever Assy	12
Shaft Assy	6
Shaft Assy	6
Pin	12
Bolt	12
Ball	12
Valve In	12
Valve Ex	12
Valve Ex	12
Valve Collet	48
Valve Guide In	12
Valve Guide Ex	12
Valve Insert In	12
Valve Insert Ex	12
Valve Spring	12
Valve Spring	12
Valve Spring	12
Seal Valve Stem	12
Retainer Valve Spring Upper	24
Retainer Valve Spring Lower	12
Spring Seat Lower (Rotator)	12
Push Rod	12
Capscrew Cyl Head	6
Capscrew Cyl Head	36

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KOMATSU S6D125-1 (Build 10E)

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6151-25-1302	1
Cam Support (Thrust Plate)	6150-41-1130	1
Gear Camshaft	6150-41-1120	1
Bush Camshaft	6150-21-1490	7
Camshaft W/O Gear	6150-41-1012	1
Nozzle Piston Cooling	6151-21-1740	6
Nozzle Piston Cooling	6151-21-1840	6
Nozzle Piston Cooling Pin	6151-21-1851	6

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6151-K1-9901	1
Gasket Kit Lower	6151-K2-9901	1
Gasket Cylinder Head	6150-17-1813	6
Gasket Valve Cover	6150-11-8810	6
Gasket Oil Pan	6150-21-5813	1
Gasket In Manifold	6150-13-4810	6
Gasket Ex Manifold	6150-11-5810	6
Oil Seal	07013-00090	A/R

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6151-51-1005	1
Core Oil Cooler	6151-61-2111	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105217-1480	1
Fuel Feed Pump	DK105217-1490	1
Fuel Feed Pump	DK105217-1600	1
Fuel Feed Pump	DK105217-1620	1
Fuel Feed Pump	ND092100-1602	1
Fuel Feed Pump	ND092100-1761	1
Fuel Feed Pump	ND092120-0370	1
Injector	6151-11-3101	6
Injector	6151-11-3200	6
Injector	6151-11-3500	6
Injector	6151-13-3200	6
Injector	6152-11-3100	6
Fuel Nozzle Injector	6151-11-3121	6
Fuel Nozzle Injector	6151-11-3220	6
Fuel Nozzle Injector	6152-11-3120	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6151-61-1121	1
Water Pump Gasket Kit	6151-K6-9902	1
Thermostat	600-421-6310	1
Thermostat Gasket	6138-11-6810	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8321	1
Filter Oil	600-211-1231	1
Valve Shut Off	6710-61-8411	2
Filter Water	600-411-1151	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2511.IFK	1
Out-Of-Frame Kit	KMP2511.OFK	1
Overhaul Kit	KMP2511.EOK	1

APPLICATIONS

D60F-8 S/No. 45001-Up
 D75S-5 S/No. 15001-Up
 PC300-3 / LC-3 S/No. 12001-Up
 PC300-3 / LC-3 S/No. A14398-Up
 PC360LC-3 10001-Up
 PC400-3 / LC-3 S/No. 11001-Up
 PC400-5 / HD-5K S/No. 20001-Up
 PC400-5A / 5C / 5T S/No. 10351-Up
 PC400LC-5A / 5T S/No. 10351-Up
 PC400LC-5 / LC-5T S/No. 20001-Up
 PC400LC-5 / LC-5T S/No. A20109-Up
 PC410-5 / LC-5 S/No. 10001-Up
 WA450-1 S/No 10001-Up & A20038-Up
 WA450-3L S/No. 53001-Up
 WA450-3LL S/No. 50305-Up
 WA470-1 S/No. 10001-Up
 WA470-3H Active H20051-20668
 WA470-3X S/No. 50001-52999
 WA470-3 S/No. 53001-Up
 GD705A-4 S/No. 21001-Up
 GD725A-1 S/No. 50001-Up
 HA250-1 S/No. 60636-Up
 HA250-3 S/No. 303001-Up
 HA270-1 S/No. 65226-Up
 HA270-3 S/No. 313001-Up
 HD205-3 S/No. 1003-Up

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KOMATSU S6D125E-2 (Build 10F)

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6150-31-1110	1
Crankshaft C/W Gear	6151-35-1010	1
Gear Crankshaft	6150-35-1120	1
Front Seal	6150-21-3230	1
Rear Seal	6151-21-4161	1
Main Metal Assy STD	6150-21-8010	7
Main Metal Assy STD (Set)	6150-21-8010S	1
Main Metal Assy 0.25MM	6150-29-8010	7
Main Metal Assy 0.25MM (Set)	6150-29-8010S	1
Main Metal Assy 0.50MM	6150-28-8010	7
Main Metal Assy 0.50MM (Set)	6150-28-8010S	1
Main Metal Assy 0.75MM	6150-27-8010	7
Main Metal Assy 0.75MM (Set)	6150-27-8010S	1
Main Metal Assy 1.00MM	6150-26-8010	7
Main Metal Assy 1.00MM (Set)	6150-26-8010S	1
Thrust Metal STD	6150-21-8050	1
Thrust Metal 0.25MM	6150-29-8050	1
Thrust Metal 0.50MM	6150-28-8050	1
Thrust Metal 0.75MM	6150-27-8050	1
Thrust Metal 1.00MM	6150-26-8050	1
Main & Thrust Metal Set STD	6150-21-8000	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6151-31-3200	6
Bolt Conrod	6150-31-3310	12
Bushing Conrod	6150-31-3130	6
Metal Conrod STD	6150-31-3040	6
Metal Conrod 0.25MM	6150-39-3040	6
Metal Conrod 0.50MM	6150-38-3040	6
Metal Conrod 0.75MM	6150-37-3040	6
Metal Conrod 1.00MM	6150-36-3040	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP2110	6
Piston Body C/W Clips	6151-32-2110	1
Pin Piston	6151-31-2420	1
Ring Set Piston	6150-32-2030	1
Liner Seal Kit	KMP-SK-125	1
Liner	6151-22-2220	1
Piston Body C/W Clips	6151-32-2110	6
Pin Piston	6151-31-2420	6
Retainer Piston Pin	04065-04818	12
Ring Set Piston	6150-32-2030	6
Liner Seal Kit	KMP-SK-125	6
Liner	6151-22-2220	6
Liner & Seal Kit	6151-22-2220S	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6151-12-1101	6
Sleeve Injector	6136-11-1130	6
Sleeve Injector	6151-71-5110	1
Sleeve Injector	6151-71-5120	1
Sleeve Injector	6151-71-5130	1
Sleeve Injector	6151-71-5140	1
Sleeve Injector	6151-71-5150	1
Sleeve Injector	6151-71-5160	1
Lever Assy	6150-41-2302	12
Valve In	6150-42-4110	12
Valve Ex	6150-42-4210	12
Valve Collet	6136-42-4520	48
Valve Guide	6150-12-1370	24
Valve Insert In	6151-11-1330	12
Valve Insert Ex	6150-11-1320	12
Valve Spring	6150-41-4450	24
Seal Valve Stem	6150-41-4570	12
Retainer Valve Spring Upper	6150-41-4510	24
Retainer Valve Spring Lower	6150-41-4430	24
Push Rod	6150-41-3111	12
Capscrew Cyl Head	01438-01020	6
Capscrew Cyl Head	6150-11-1610	36

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6151-22-1101	1
Gear Camshaft	6150-41-1120	1
Bush Camshaft	6150-21-1490	7
Camshaft W/O Gear	6150-41-1012	1
Nozzle Piston Cooling	6151-22-1710	6

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6154-K1-9900	1
Gasket Kit Lower	6154-K2-9900	1
Gasket Cylinder Head	6151-12-1810	6
Gasket Valve Cover	6150-11-8810	6
Gasket Oil Pan	6150-21-5813	1
Gasket In Manifold	6150-13-4810	6
Gasket Ex Manifold	6150-11-5810	6

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KOMATSU S6D125E-2 (Build 10F)

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6151-51-1005	1
Core Oil Cooler	6151-61-2111	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105217-1490	1
Fuel Feed Pump	DK105217-6090	1
Fuel Feed Pump	ND092100-1602	1
Injector	6151-12-3100	6
Injector	6151-12-3400	6
Fuel Nozzle Injector	6151-12-3120	6
Fuel Nozzle Injector	6151-12-3420	6
Silicon O-Ring (Red)	07000-65065	6
Seal Washer	07005-01012	12

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6151-62-1102	1
Water Pump Gasket Kit	6155-K6-9900	1
Thermostat	600-421-6630	1
Thermostat Gasket	6150-22-6490	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8321	1
Filter Oil	600-211-1231	1
Filter Water	600-411-1151	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2110.IFK	1
Out-Of-Frame Kit	KMP2110.OFK	1
Overhaul Kit	KMP2110.EOK	1

APPLICATIONS

D65EX-12 S/No. 60942-Up

D65P-12 S/No. 60884-Up

D65PX-12 S/No. 60884-Up

D75S-5 S/No. 15001-Up

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KOMATSU S6D125E-2 & SA6D125E-2 (Build 10G)

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft W/O Gear	6150-31-1110	1
Crankshaft C/W Gear	6151-35-1010	1
Gear Crankshaft	6150-35-1120	1
Key	6150-31-1130	1
Front Seal	6150-21-3230	1
Rear Seal	6151-21-4161	1
Main Metal Assy STD	6150-21-8010	7
Main Metal Assy STD (Set)	6150-21-8010S	1
Main Metal Assy 0.25MM	6150-29-8010	7
Main Metal Assy 0.25MM (Set)	6150-29-8010S	1
Main Metal Assy 0.50MM	6150-28-8010	7
Main Metal Assy 0.50MM (Set)	6150-28-8010S	1
Main Metal Assy 0.75MM	6150-27-8010	7
Main Metal Assy 0.75MM (Set)	6150-27-8010S	1
Main Metal Assy 1.00MM	6150-26-8010	7
Main Metal Assy 1.00MM (Set)	6150-26-8010S	1
Thrust Metal STD	6150-21-8050	1
Thrust Metal 0.25MM	6150-29-8050	1
Thrust Metal 0.50MM	6150-28-8050	1
Thrust Metal 0.75MM	6150-27-8050	1
Thrust Metal 1.00MM	6150-26-8050	1
Main & Thrust Metal Set STD	6150-21-8000	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6151-31-3101	6
Bolt Conrod	6150-31-3310	12
Bushing Conrod	6150-31-3130	6
Metal Conrod STD	6151-31-3040	6
Metal Conrod 0.25MM	6151-39-3040	6
Metal Conrod 0.50MM	6151-38-3040	6
Metal Conrod 0.75MM	6151-37-3040	6
Metal Conrod 1.00MM	6151-36-3040	6



Main Metal Assy 1.00MM

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP2510	6
Piston Body C/W Clips	6152-32-2510	1
Pin Piston	6151-31-2410	1
Ring Set Piston	6150-32-2030	1
Liner Seal Kit	KMP-SK-125	1
Liner	6151-22-2220	1
Piston Body C/W Clips	6152-32-2510	6
Pin Piston	6151-31-2410	6
Retainer Piston Pin	04065-04818	12
Ring Set Piston	6150-32-2030	6
Liner Seal Kit	KMP-SK-125	6
Liner	6151-22-2220	6
Liner & Seal Kit	6151-22-2220S	6

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6151-12-1101	6
Sleeve Injector	6136-11-1130	6
Sleeve Injector	6151-71-5110	1
Sleeve Injector	6151-71-5120	1
Sleeve Injector	6151-71-5130	1
Sleeve Injector	6151-71-5140	1
Sleeve Injector	6151-71-5150	1
Sleeve Injector	6151-71-5160	1
Lever Assy	6150-41-2302	12
Valve In	6150-42-4110	12
Valve Ex	6150-42-4210	12
Valve Collet	6136-42-4520	48
Valve Guide	6150-12-1370	24
Valve Insert In	6151-11-1330	12
Valve Insert Ex	6150-11-1320	12
Valve Spring	6150-41-4450	24
Seal Valve Stem	6150-41-4570	12
Retainer Valve Spring Upper	6150-41-4510	24
Retainer Valve Spring Lower	6150-41-4430	24
Rocker Arm In	6150-41-5400	6
Rocker Arm Ex	6150-41-5500	6
Push Rod	6150-41-3111	12
Capscrew Cyl Head	01438-01020	6
Capscrew Cyl Head	6150-11-1610	36

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KOMATSU S6D125E-2 & SA6D125E-2 (Build 10G)

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6151-22-1101	1
Gear Camshaft	6150-41-1120	1
Bush Camshaft	6150-21-1490	7
Camshaft W/O Gear	6150-41-1012	1
Nozzle Piston Cooling	6151-22-1810	6

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6154-K1-9900	1
Gasket Kit Upper	6155-K1-9900	1
Gasket Kit Lower	6154-K2-9900	1
Gasket Kit Lower	6155-K2-9900	1
Gasket Cylinder Head	6151-12-1810	6
Gasket Valve Cover	6150-11-8810	6
Gasket Oil Pan	6150-21-5813	1
Gasket In Manifold	6150-13-4810	6
Gasket Ex Manifold	6150-11-5810	6

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6151-51-1005	1
Core Oil Cooler	6151-61-2111	1
Core Oil Cooler	6152-62-2210	1
Core Aftercooler	6152-62-6111	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105217-6030	1
Fuel Feed Pump	DK105217-6090	1
Injector	6151-12-3200	6
Injector	6152-12-3100	6
Injector	6152-12-3110	6
Injector	6152-12-3800	6
Fuel Nozzle Injector	6151-12-3220	6
Fuel Nozzle Injector	6152-12-3120	6
Fuel Nozzle Injector	6152-12-3820	6
Silicon O-Ring (Red)	07000-65065	6
Seal Washer	07005-01012	12

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6151-62-1102	1
Water Pump Assy	6151-62-1201	1
Water Pump Gasket	6151-61-1162	1
Water Pump Gasket Kit	6155-K6-9900	1
Impeller Water Pump	6151-61-1210	1
Seal Water Pump	6124-61-1242	1
Seal Water Pump	6150-61-1510	1
Thermostat	600-421-6630	1
Thermostat Gasket	6150-22-6490	1

FILTERS	PART No	QTY
Filter Fuel (Cold Spec.)	600-311-8283	1
Filter Fuel	600-311-8321	1
Filter Oil	600-211-1231	1
Filter Oil	600-211-1291	1
Filter Water	600-411-1151	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2510.IFK-A	1
In-Frame Kit	KMP2510.IFK-B	1
Out-Of-Frame Kit	KMP2510.OFK-A	1
Out-Of-Frame Kit	KMP2510.OFK-B	1
Out-Of-Frame Kit	KMP2510.OFK-C	1
Overhaul Kit	KMP2510.EOK-A	1
Overhaul Kit	KMP2510.EOK-B	1
Overhaul Kit	KMP2510.EOK-C	1

APPLICATIONS

D85A-21 S/No. 36534-Up	PC450-6-T2 / LC-6-T2 S/No. 10001-Up
D85A-21B S/No. 36537-Up	PC450LC-6K-KE S/No. 32106-Up
D85C-21A / C-21D S/No. 36551-Up	PW400MH-6 S/No. A84210-Up
D85E-21 S/No. 36534-Up	
D85P-21 S/No. 3689-Up	
D87P-2 S/No. P092001-Up	
HD255-5 S/No. 1001-Up	
WA450-3 / 3A-TW S/No. 53001-Up	
WA450L-3 S/No. 53001-Up	
PC400-6 / 6C / 6Z S/No. 30001-Up	
PC400-6-T2 / LC6-T2 S/No. 30001-Up	
PC400LC-6 S/No. 30001-Up	
PC400LC-7L S/No. A86001-Up	
PC450-6-A1 / LC-6-A1 S/No. 10001-Up	
PC450-6K-J / LC-6K-J S/No. 10001-Up	
PC450-6K-KE S/No. 32106-Up	

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KOMATSU SA6D125-1 (Build 10H)

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft W/O Gear	6150-31-1110	1
Crankshaft C/W Gear	6151-35-1010	1
Gear Crankshaft	6150-35-1120	1
Key	6150-31-1130	1
Front Seal	6150-21-3230	1
Rear Seal	6151-21-4161	1
Main Metal Assy STD	6150-21-8010	7
Main Metal Assy STD (Set)	6150-21-8010S	1
Main Metal Assy 0.25MM	6150-29-8010	7
Main Metal Assy 0.25MM (Set)	6150-29-8010S	1
Main Metal Assy 0.50MM	6150-28-8010	7
Main Metal Assy 0.50MM (Set)	6150-28-8010S	1
Main Metal Assy 0.75MM	6150-27-8010	7
Main Metal Assy 0.75MM (Set)	6150-27-8010S	1
Main Metal Assy 1.00MM	6150-26-8010	7
Main Metal Assy 1.00MM (Set)	6150-26-8010S	1
Thrust Metal STD	6150-21-8050	1
Thrust Metal 0.25MM	6150-29-8050	1
Thrust Metal 0.50MM	6150-28-8050	1
Thrust Metal 0.75MM	6150-27-8050	1
Thrust Metal 1.00MM	6150-26-8050	1
Main & Thrust Metal Set STD	6150-21-8000	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6151-31-3101	6
Bolt Conrod	6150-31-3310	12
Bushing Conrod	6150-31-3130	6
Metal Conrod STD	6151-31-3040	6
Metal Conrod 0.25MM	6151-39-3040	6
Metal Conrod 0.50MM	6151-38-3040	6
Metal Conrod 0.75MM	6151-37-3040	6
Metal Conrod 1.00MM	6151-36-3040	6

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP6152	6
Piston Body C/W Clips	6152-31-2113	1
Pin Piston	6151-31-2410	1
Ring Set Piston	6150-32-2030	1
Liner Seal Kit	KMP-SK-125	1
Liner	6151-22-2220	1

CYLINDER KIT & COMPONENTS (Continued)

	PART No	QTY
Piston Body C/W Clips	6152-31-2113	6
Pin Piston	6151-31-2410	6
Retainer Piston Pin	04065-04818	12
Ring Set Piston	6150-32-2030	6
Liner Seal Kit	KMP-SK-125	6
Liner	6151-22-2220	6
Liner & Seal Kit	6151-22-2220S	6

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6151-11-1102	6
Sleeve Injector	6136-11-1130	6
Sleeve Injector	6151-71-5110	1
Sleeve Injector	6151-71-5120	1
Sleeve Injector	6151-71-5130	1
Sleeve Injector	6151-71-5140	1
Sleeve Injector	6151-71-5150	1
Sleeve Injector	6151-71-5160	1
Nut	01582-01008	6
Snap Ring	04064-02012	12
Lever Assy	6150-41-2302	12
Shaft Assy	6150-41-2401	6
Bolt	6150-41-2450	12
Spring	6150-41-5320	6
Screw	6150-41-5540	6
Shaft Assy	6150-42-5300	6
Ball	6150-81-8420	12
Valve In	6150-41-4111	12
Valve Ex	6150-41-4210	12
Valve Collet	6136-42-4520	48
Valve Guide In	6150-12-1341	12
Valve Guide Ex	6150-12-1351	12
Valve Insert In	6151-11-1330	12
Valve Insert Ex	6150-11-1320	12
Valve Spring	6150-41-4411	12
Valve Spring	6150-41-4420	12
Seal Valve Stem	6140-41-4540	12
Retainer Valve Spring Upper	6150-41-4510	24
Retainer Valve Spring Lower	6150-41-4430	12
Spring Seat Lower (Rotator)	6150-41-4540	12
Rocker Arm Bush	6150-41-5420	12
Rocker Arm In	6150-41-5400	6
Rocker Arm Ex	6150-41-5500	6
Push Rod	6150-41-3111	12
Capscrew Cyl Head	01438-01020	6
Capscrew Cyl Head	6150-11-1610	36

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KOMATSU SA6D125-1 (Build 10H)

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6151-25-1302	1
Bolt	01010-31022	2
Cam Support (Thrust Plate)	6150-41-1130	1
Gear Camshaft	6150-41-1120	1
Bush Camshaft	6150-21-1490	7
Camshaft W/O Gear	6150-41-1012	1
Screw Banjo Connector	01437-01030	6
Nozzle Piston Cooling	6151-21-1810	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6151-61-1121	1
Water Pump Gasket	6150-61-1821	2
Water Pump Gasket	6151-61-1162	1
Water Pump Gasket	6152-K6-1200	1
O-Ring Water Pump	07000-72115	1
Seal Water Pump	6150-61-1510	1
Seal Water Pump	6211-61-1530	1
Thermostat	600-421-6310	2
Thermostat Gasket	6138-11-6810	2

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6152-K1-9901	1
Gasket Kit Lower	6152-K2-9901	1
Gasket Cylinder Head	6150-17-1813	6
Gasket Valve Cover	6150-11-7812	6
Gasket Valve Cover	6150-11-8810	6
Gasket Oil Pan	6150-21-5813	1
Gasket Turbo	6212-15-5831	2
Gasket In Manifold	6150-13-4810	6
Gasket Ex Manifold	6150-11-5810	6
Gasket	6150-11-6311	A/R
Gasket	6150-61-6911	A/R
Seal O-Ring	07000-13040	A/R

FILTERS	PART No	QTY
Filter Fuel	600-311-8321	2
Filter Oil	600-211-1231	1
Filter Water	600-411-1151	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6152.IFK	1
Out-Of-Frame Kit	KMP6152.OFK	1
Overhaul Kit	KMP6152.EOK	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6151-51-1005	1
Core Oil Cooler	6152-61-2111	1
Core Oil Cooler	6152-65-2310	1
Core Aftercooler	6152-62-6111	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105217-1540	1
Injector	6152-12-3100	6
Fuel Nozzle Injector	6152-12-3120	6
Seal Washer	07005-01012	4
Plunger Assy	DK134151-2320	1

APPLICATIONS
D135A-1 S/No. 10001-Up



Gasket Valve Cover

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KOMATSU SA6D125E-2 (Build 10J)

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft W/O Gear	6150-31-1110	1
Crankshaft C/W Gear	6151-35-1010	1
Gear Crankshaft	6150-35-1120	1
Front Seal	6150-21-3230	1
Rear Seal	6151-21-4161	1
Main Metal Assy STD	6150-21-8010	7
Main Metal Assy STD (Set)	6150-21-8010S	1
Main Metal Assy 0.25MM	6150-29-8010	7
Main Metal Assy 0.25MM (Set)	6150-29-8010S	1
Main Metal Assy 0.50MM	6150-28-8010	7
Main Metal Assy 0.50MM (Set)	6150-28-8010S	1
Main Metal Assy 0.75MM	6150-27-8010	7
Main Metal Assy 0.75MM (Set)	6150-27-8010S	1
Main Metal Assy 1.00MM	6150-26-8010	7
Main Metal Assy 1.00MM (Set)	6150-26-8010S	1
Thrust Metal STD	6150-21-8050	1
Thrust Metal 0.25MM	6150-29-8050	1
Thrust Metal 0.50MM	6150-28-8050	1
Thrust Metal 0.75MM	6150-27-8050	1
Thrust Metal 1.00MM	6150-26-8050	1
Main & Thrust Metal Set STD	6150-21-8000	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6151-31-3101	6
Bolt Conrod	6150-31-3310	12
Bushing Conrod	6150-31-3130	6
Metal Conrod STD	6150-31-3040	6
Metal Conrod 0.25MM	6150-39-3040	6
Metal Conrod 0.50MM	6150-38-3040	6
Metal Conrod 0.75MM	6150-37-3040	6
Metal Conrod 1.00MM	6150-36-3040	6

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP2510	6
Piston Body C/W Clips	6152-32-2510	1
Pin Piston	6151-31-2410	1
Ring Set Piston	6150-32-2030	1
Liner Seal Kit	KMP-SK-125	1
Liner	6151-22-2220	1
Piston Body C/W Clips	6152-32-2510	6
Pin Piston	6151-31-2410	6
Retainer Piston Pin	04065-04818	12
Ring Set Piston	6150-32-2030	6
Liner Seal Kit	KMP-SK-125	6
Liner	6154-21-2220	6
Liner & Seal Kit	6154-21-2220S	6

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6151-12-1101	6
Rocker Arm Housing	6150-11-7110	6
Sleeve Injector	6136-11-1130	6
Lever Assy	6150-41-2302	12
Spring	6150-41-5320	6
Shaft Assy	6150-42-5300	6
Valve In	6150-42-4110	12
Valve Ex	6150-42-4210	12
Valve Collet	6136-42-4520	48
Valve Guide	6150-12-1370	24
Valve Insert In	6150-12-1380	12
Valve Insert Ex	6150-11-1320	12
Valve Spring	6150-41-4450	24
Seal Valve Stem	6150-41-4570	12
Retainer Valve Spring Upper	6150-41-4510	24
Retainer Valve Spring Lower	6150-41-4430	24
Rocker Arm Bush	6150-41-5420	12
Rocker Arm In	6150-41-5400	6
Rocker Arm Ex	6150-41-5500	6
Push Rod	6150-41-3111	12
Capscrew Cyl Head	01438-01020	6
Capscrew Cyl Head	6150-11-1610	36



Rocker Arm Housing

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KOMATSU SA6D125E-2 (Build 10J)

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6151-22-1101	1
Gear Camshaft	6150-41-1120	1
Gear Camshaft	6150-81-5131	1
Bush Camshaft	6150-21-1490	7
Camshaft W/O Gear	6150-41-1012	1
Nozzle Piston Cooling	6151-22-1810	6

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6154-K1-9900	1
Gasket Kit Upper	6155-K1-9900	1
Gasket Kit Lower	6154-K2-9900	1
Gasket Kit Lower	6155-K2-9900	1
Gasket Cylinder Head	6151-12-1810	6
Gasket Valve Cover	6150-11-7812	6
Gasket Valve Cover	6150-11-8810	6
Gasket Oil Pan	6150-21-5813	1
Gasket In Manifold	6150-13-4810	6
Gasket Ex Manifold	6150-11-5810	6
Gasket	6150-11-5751	A/R

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6151-51-1005	1
Oil Pump	6251-51-1001	1
Core Oil Cooler	6151-61-2111	1
Core Oil Cooler	6152-62-2210	1
Core Aftercooler	6152-62-6111	1
Gasket Oil Cooler	6150-61-2815	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105217-6030	1
Fuel Feed Pump	DK105217-6090	1
Injector	6151-12-3200	6
Injector	6152-12-3110	6
Fuel Nozzle Injector	6151-12-3220	6
Fuel Nozzle Injector	6152-12-3120	6
Silicon O-Ring (Red)	07000-65065	6
Seal Washer	07005-00812	12
Seal Washer	07005-01012	12

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6151-62-1201	1
Water Pump Gasket	6150-61-1821	3
Water Pump Gasket	6151-61-1162	1
Water Pump Gasket Kit	6155-K6-9900	1
O-Ring Water Pump	07000-72115	1
Seal Water Pump	6124-61-1242	1
Seal Water Pump	6150-61-1510	1
Thermostat	600-421-6630	1
Thermostat Gasket	6150-22-6490	1

FILTERS	PART No	QTY
Filter Fuel	07058-20000	1
Filter Fuel	600-311-8321	1
Filter Oil	600-211-1231	1
Filter Water	600-411-1151	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2510.IFK-F	1
Out-Of-Frame Kit	KMP2510.OFK-F	1
Overhaul Kit	KMP2510.EOK-D	1
Overhaul Kit	KMP2510.EOK-E	1
Overhaul Kit	KMP2510.EOK-F	1

APPLICATIONS

D87E-2 S/No. P090001-Up
 PC400LC-6 S/No. A83001-Up
 PC400HD-6 S/No. A83001-Up
 PC400HD-6LK S/No. A84001-A85000
 PC400LC-6LK S/No. A84001-A85000
 WA450-3 Avance Plus S/No. A31001-Up
 WA470-3H Active S/No. H20942-Up

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KOMATSU SA6D125E-3B-7 & SAA6D125E-3 (Build 10K) Engine S/No. 310001-Up

CRANKSHAFT & RELATED PARTS

PART No	QTY
Crankshaft W/O Gear	1
Crankshaft C/W Gear	1
Gear Crankshaft	1
Key	1
Front Seal	1
Rear Seal	1
Main Metal Assy STD	7
Main Metal Assy STD (Set)	1
Main Metal Assy 0.25MM	7
Main Metal Assy 0.25MM (Set)	1
Main Metal Assy 0.50MM	7
Main Metal Assy 0.50MM (Set)	1
Main Metal Assy 0.75MM	7
Main Metal Assy 0.75MM (Set)	1
Main Metal Assy 1.00MM	7
Main Metal Assy 1.00MM (Set)	1
Thrust Metal STD	1
Thrust Metal 0.25MM	1
Thrust Metal 0.50MM	1
Thrust Metal 0.75MM	1
Thrust Metal 1.00MM	1
Main & Thrust Metal Set STD	1

CONNECTING ROD & RELATED PARTS

PART No	QTY
Conrod	6
Bolt Conrod	12
Bushing Conrod	6
Metal Conrod STD	6
Metal Conrod 0.25MM	6
Metal Conrod 0.50MM	6
Metal Conrod 0.75MM	6
Metal Conrod 1.00MM	6

CYLINDER KIT & COMPONENTS

PART No	QTY
Cylinder Kit	6
Piston Body C/W Clips	1
Pin Piston	1
Ring Set Piston	1
Liner Seal Kit	1
Liner	1
Piston Body C/W Clips	6
Pin Piston	6
Retainer Piston Pin	12
Ring Set Piston	6
Liner Seal Kit	6
Liner	6
Liner & Seal Kit	6

CYLINDER HEAD & COMPONENTS

PART No	QTY
Cylinder Head (Bare)	6
Cylinder Head (Bare)	6
Cylinder Head (Bare)	6
Sleeve Injector	6
Nut	12
Lever Assy	12
Shaft Assy	6
Valve In	12
Valve Ex	12
Valve Collet	48
Valve Guide	24
Valve Insert In	12
Valve Insert Ex	12
Valve Spring	24
Seal Valve Stem	12
Retainer Valve Spring Upper	24
Retainer Valve Spring Lower	24
Rocker Arm Bush	12
Rocker Arm In	6
Rocker Arm Ex	6
Push Rod	12
Capscrew Cyl Head	6
Capscrew Cyl Head	36



Main & Thrust Metal Set STD

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KOMATSU SA6D125E-3B-7 & SAA6D125E-3 (Build 10K) Engine S/No. 310001-Up

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6154-21-1100	1
Cylinder Block	6154-21-1200	1
Cam Support (Thrust Plate)	6150-41-1130	1
Gear Camshaft	6150-41-1120	1
Bush Camshaft	6150-21-1490	7
Camshaft W/O Gear	6150-41-1012	1
Nozzle Piston Cooling	6154-21-1810	6

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6158-K1-9900	1
Gasket Kit Upper	6159-K1-9900	1
Gasket Kit Lower	6158-K2-9900	1
Gasket Kit Lower	6159-K2-9900	1
Gasket Cylinder Head	6151-12-1810	6
Gasket Valve Cover	6150-11-8810	6
Gasket Oil Pan	6150-21-5813	1
Gasket In Manifold	6150-13-4810	6
Gasket Ex Manifold	6150-11-5810	6
Gasket	6150-11-5751	A/R
Gasket	6156-11-7220	A/R
Gasket	6156-11-8810	A/R

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6251-51-1001	1
Core Oil Cooler	6151-61-2111	1
Core Oil Cooler	6152-62-2210	1
Oil Cooler Cover	6150-61-2124	1
Core Aftercooler	6152-62-6111	1
Gasket Oil Cooler	6150-61-2815	1



Water Pump Gasket Kit

FUEL SYSTEM	PART No	QTY
Fuel Line	6156-71-5111	1
Fuel Line	6156-71-5122	1
Fuel Line	6156-71-5132	1
Fuel Line	6156-71-5141	1
Fuel Line	6156-71-5152	1
Fuel Line	6156-71-5161	1
Injector	6156-11-3100	6
Injector	6156-11-3300	6
Fuel Nozzle Injector	6156-11-3320	6
O-Ring	07000-E2011	6
O-Ring	07000-E2020	12
Gasket	6217-71-6112	6
Seal Washer	07005-01012	12

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6154-61-1102	1
Water Pump Gasket Kit	6159-K6-9900	1
Thermostat	600-421-6630	1
Thermostat Gasket	6150-22-6490	1

FILTERS	PART No	QTY
Filter Fuel	600-319-3510	1
Engine Filter Kit	SAA6D125FK-1	1
Filter Oil	600-211-1340	1
Filter Transmission	195-15-75560	1
Filter Water	600-411-1151	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6154.IFK	1
Out-Of-Frame Kit	KMP6154.OFK	1
Overhaul Kit	KMP6154.EOK	1

APPLICATIONS

D65EX-12-E S/No. 60942-Up	WA470-5H S/No. 50051-Up
D65P-12-E S/No. 60884-Up	WA480-5L S/No. A37001-Up
D65PX-12-E S/No. 60884-Up	WA480-5-W S/No. 80001-Up
D85EX-15 S/No. 10001-Up	PC400LC-7L S/No. A86001-Up
HM300-1 S/No. 1001-Up	
WA450-5L S/No. A36001-Up	
WA450-5-W S/No. 70001-Up	

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KOMATSU SA6D125E-3B-7/8 & SAA6D125E-3 (Build 10L) Engine S/No. 310001-Up

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft W/O Gear	6150-31-1110	1
Crankshaft C/W Gear	6151-35-1010	1
Gear Crankshaft	6150-35-1120	1
Key	04010-00725	1
Bushing Crankshaft	6150-31-6120	1
Bushing Crankshaft	6150-31-6220	1
Front Seal	6150-21-3230	1
Rear Seal	6151-21-4161	1
Main Metal Assy STD	6150-21-8010	7
Main Metal Assy STD (Set)	6150-21-8010S	1
Main Metal Assy 0.25MM	6150-29-8010	7
Main Metal Assy 0.25MM (Set)	6150-29-8010S	1
Main Metal Assy 0.50MM	6150-28-8010	7
Main Metal Assy 0.50MM (Set)	6150-28-8010S	1
Main Metal Assy 0.75MM	6150-27-8010	7
Main Metal Assy 0.75MM (Set)	6150-27-8010S	1
Main Metal Assy 1.00MM	6150-26-8010	7
Main Metal Assy 1.00MM (Set)	6150-26-8010S	1
Thrust Metal STD	6150-21-8050	1
Thrust Metal 0.25MM	6150-29-8050	1
Thrust Metal 0.50MM	6150-28-8050	1
Thrust Metal 0.75MM	6150-27-8050	1
Thrust Metal 1.00MM	6150-26-8050	1
Main & Thrust Metal Set STD	6150-21-8000	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6151-31-3101	6
Bolt Conrod	6150-31-3310	12
Bushing Conrod	6150-31-3130	6
Metal Conrod STD	6151-31-3040	6
Metal Conrod 0.25MM	6151-39-3040	6
Metal Conrod 0.50MM	6151-38-3040	6
Metal Conrod 0.75MM	6151-37-3040	6
Metal Conrod 1.00MM	6151-36-3040	6

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP6154A	6
Piston Body C/W Clips	6152-32-2510	1
Pin Piston	6151-31-2410	1
Ring Set Piston	6154-31-2030	1
Liner Seal Kit	KMP-SK-125	1
Liner	6154-21-2220	1

CYLINDER KIT & COMPONENTS (Continued)

	PART No	QTY
Piston Body C/W Clips	6152-32-2510	6
Pin Piston	6151-31-2410	6
Retainer Piston Pin	04065-04818	12
Ring Set Piston	6154-31-2030	6
Liner Seal Kit	KMP-SK-125	6
Liner	6154-21-2220	6
Liner & Seal Kit	6154-21-2220S	6

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6151-12-1500	6
Cylinder Head (Bare)	6156-11-1100	6
Sleeve Injector	6136-11-1130	6
Snap Ring	04064-02012	12
Crosshead Assy	6150-42-5600	12
Lever Assy	6150-41-2302	12
Shaft Assy	6150-41-2401	6
Bolt	6150-41-2450	12
Ball	6150-81-8420	12
Valve In	6150-42-4110	12
Valve Ex	6150-42-4210	12
Valve Collet	6136-42-4520	48
Valve Guide	6150-12-1370	24
Valve Insert In	6150-12-1380	12
Valve Insert Ex	6150-11-1320	12
Valve Spring	6150-41-4450	24
Seal Valve Stem	6150-41-4570	12
Retainer Valve Spring Upper	6150-41-4510	24
Retainer Valve Spring Lower	6150-41-4430	24
Push Rod	6150-41-3111	12
Capscrew Cyl Head	01438-01020	6
Capscrew Cyl Head	6150-11-1610	36

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Cylinder Block	6154-21-1100	1
Cylinder Block	6154-21-1200	1
Bolt	01010-31022	2
Cam Support (Thrust Plate)	6150-41-1130	1
Gear Camshaft	6150-41-1120	1
Bush Camshaft	6150-21-1490	7
Camshaft W/O Gear	6150-41-1012	1
Nozzle Piston Cooling	6154-21-1810	6

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KOMATSU SA6D125E-3B-7/8 & SAA6D125E-3 (Build 10L) Engine S/No. 310001-Up

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6159-K1-9900	1
Gasket Kit Lower	6159-K2-9900	1
Gasket Cylinder Head	6151-12-1810	6
Gasket Valve Cover	6150-11-8810	6
Gasket Oil Pan	6150-21-5813	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket Turbo	6212-15-5831	1
Gasket In Manifold	6150-13-4810	6
Gasket Ex Manifold	6150-11-5810	6
Gasket Lub Oil Fil Cov	6206-21-6871	1
Gasket Cover Plate	6210-21-1971	1
Gasket	07005-01412	A/R
Gasket	6127-51-6822	A/R
Gasket	6150-11-4821	A/R
Gasket	6150-11-5751	A/R
Gasket	6150-61-6911	A/R
Gasket	6151-51-8721	A/R
Gasket	6154-11-4260	A/R
Gasket	6154-51-8310	A/R
Gasket	6156-11-8810	A/R

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6251-51-1001	1
Core Oil Cooler	6151-61-2111	1
Core Oil Cooler	6152-62-2210	1
Oil Cooler Cover	6150-61-2124	1
Core Aftercooler	6152-62-6111	1
Gasket Oil Cooler	6150-61-2815	1

FUEL SYSTEM	PART No	QTY
Fuel Line	6156-71-5111	1
Fuel Line	6156-71-5132	1
Fuel Line	6156-71-5141	1
Fuel Line	6156-71-5152	1
Fuel Line	6156-71-5161	1
Injector	6156-11-3100	6
Injector	6156-11-3300	6
Fuel Nozzle Injector	6156-11-3320	6
O-Ring	07000-E2011	6
O-Ring	07000-E2020	12
Gasket	6217-71-6112	6
Seal Washer	07005-01012	4

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6154-61-1102	1
Water Pump Gasket	6150-61-1821	1
Water Pump Gasket	6151-61-1162	1
Water Pump Gasket Kit	6159-K6-9900	1
O-Ring Water Pump	07000-72115	1
Seal Water Pump	6150-61-1510	1
Seal Water Pump	6211-61-1530	1
Thermostat	600-421-6630	1
Thermostat Oil Cooler	6212-65-2610	1
Thermostat Seal	6162-13-6440	1
Thermostat Gasket	6150-22-6490	1

FILTERS	PART No	QTY
Air Filter Outer	600-185-5110	1
Element Assy	600-185-5100	1
Filter Fuel	600-319-3510	1
Filter Oil	600-211-1340	1
Filter Fuel Separator	600-311-3111	1
Filter Water	600-411-1151	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6154A.IFK	1
Out-Of Frame Kit	KMP6154A.OFK	1
Overhaul Kit	KMP6154A.EOK	1

APPLICATIONS

WA480-5-S/No. H50051-Up
PC400LC-7L S/No. A86001-Up
WA470-5H S/No. 50051-Up

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KOMATSU SAA6D125E-5A/B/C (Build 10M) Engine S/No. 560004-Up

CRANKSHAFT & RELATED PARTS

PART No	QTY
Crankshaft W/O Gear	1
Crankshaft C/W Gear	1
Gear Crankshaft	1
Key	1
Bushing Crankshaft	1
Bushing Crankshaft	1
Front Seal	1
Rear Seal	1
Main Metal Assy STD	7
Main Metal Assy STD (Set)	1
Main Metal Assy 0.25MM	7
Main Metal Assy 0.25MM (Set)	1
Main Metal Assy 0.50MM	7
Main Metal Assy 0.50MM (Set)	1
Main Metal Assy 0.75MM	7
Main Metal Assy 0.75MM (Set)	1
Main Metal Assy 1.00MM	7
Main Metal Assy 1.00MM (Set)	1
Thrust Metal STD	1
Thrust Metal 0.25MM	1
Thrust Metal 0.50MM	1
Thrust Metal 0.75MM	1
Thrust Metal 1.00MM	1
Main & Thrust Metal Set STD	1

CONNECTING ROD & RELATED PARTS

PART No	QTY
Conrod	6
Bolt Conrod	12
Bushing Conrod	6
Metal Conrod STD	6
Metal Conrod 0.25MM	6
Metal Conrod 0.50MM	6
Metal Conrod 0.75MM	6
Metal Conrod 1.00MM	6

CYLINDER KIT & COMPONENTS

PART No	QTY
Cylinder Kit	6
Piston Body C/W Clips	1
Pin Piston	1
Ring Set Piston	1
Liner Seal Kit	1
Liner	1
Piston Body C/W Clips	6
Pin Piston	6
Retainer Piston Pin	12
Ring Set Piston	6
Liner Seal Kit	6
Liner	6
Liner & Seal Kit	6

CYLINDER HEAD & COMPONENTS

PART No	QTY
Cylinder Head (Bare)	6
Dowel Pin	12
Crosshead Assy	12
Lever Assy	12
Shaft Assy	12
Shaft Assy	6
Valve In	12
Valve Ex	12
Valve Collet	48
Valve Guide	24
Valve Insert In	12
Valve Insert Ex	12
Valve Spring	24
Seal Valve Stem	12
Retainer Valve Spring Upper	24
Rocker Arm Bush	12
Rocker Arm In	6
Rocker Arm Ex	6
Push Rod	12
Capscrew Cyl Head	6
Capscrew Cyl Head	36



Piston Body C/W Clips

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KOMATSU SAA6D125E-5A/B/C (Build 10M) Engine S/No. 560004-Up

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6251-21-1100	1
Bolt	01010-31022	2
Cam Support (Thrust Plate)	6150-41-1130	1
Gear Camshaft	6150-41-1120	1
Bush Camshaft	6150-21-1490	7
Camshaft W/O Gear	6151-41-1112	1
Nozzle Piston Cooling	6154-21-1810	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6251-61-1101	1
Seal Water Pump	6150-61-1510	1
Thermostat	600-421-6630	1
Thermostat Oil Cooler	6251-61-2610	1
Thermostat Seal	6162-13-6440	1
Thermostat Gasket	6150-22-6490	1
Thermostat Gasket	6210-61-6441	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6251-K1-9900	1
Gasket Kit Lower	6251-K2-9900	1
Gasket Cylinder Head	6251-11-1810	6
Gasket Valve Cover	6251-11-7220	6
Gasket Valve Cover	6251-11-8810	6
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6150-13-4810	6
Gasket Ex Manifold	6152-15-5830	6
Gasket Cam Follower Cover	6251-21-6450	3
Gasket Lub Oil Fil Cov	6150-61-2815	1
Gasket Cover Plate	6206-21-6871	1
Gasket	6210-21-1971	A/R
Gasket	6221-51-8160	A/R
Gasket	6251-11-7450	A/R
Gasket	6261-11-9520	A/R

FILTERS	PART No	QTY
Filter Fuel	600-311-3520	1
Filter Fuel (C/W Bowl)	600-319-4540	1
Engine Filter Kit	SAA6D125FK-1	1
Filter Oil	154-15-65561	1
Filter Oil	600-211-1340	1
Filter Transmission	714-07-28713	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6251.IFK	1
Out-Of-Frame Kit	KMP6251.OFK	1
Overhaul Kit	KMP6251.EOK	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6251-51-1001	1
Core Oil Cooler	6152-62-2210	1
Oil Cooler Cover	6150-61-2124	1
Gasket Oil Cooler	6217-61-6340	1
Gasket Oil Cooler	6150-61-2815	1

FUEL SYSTEM	PART No	QTY
Injector	6251-11-3100	6
Injector	6251-11-3200	6
Gasket	6217-71-6112	6
Seal Injector	6219-71-1150	12
Seal Injector	6219-71-1160	6
Seal Washer	07005-01012	11

APPLICATIONS
D85PX-15EO
WA450
WA470
WA480-6



Filters

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KOMATSU SAA6D125E-6 (Build 10N)

CRANKSHAFT & RELATED PARTS

PART No	QTY
Crankshaft W/O Gear	1
Crankshaft C/W Gear	1
Pulley Crankshaft	1
Gear Crankshaft	1
Key	1
Bushing Crankshaft	1
Front Seal	1
Rear Seal	1
Main Metal Assy STD	7
Main Metal Assy STD (Set)	1
Main Metal Assy 0.25MM	7
Main Metal Assy 0.25MM (Set)	1
Main Metal Assy 0.50MM	7
Main Metal Assy 0.50MM (Set)	1
Main Metal Assy 0.75MM	7
Main Metal Assy 0.75MM (Set)	1
Main Metal Assy 1.00MM	7
Main Metal Assy 1.00MM (Set)	1
Thrust Metal STD	1
Thrust Metal 0.25MM	1
Thrust Metal 0.50MM	1
Thrust Metal 0.75MM	1
Thrust Metal 1.00MM	1
Main & Thrust Metal Set STD	1

CONNECTING ROD & RELATED PARTS

PART No	QTY
Conrod	6
Conrod	6
Bolt Conrod	12
Bushing Conrod	6
Metal Conrod STD	6
Metal Conrod 0.25MM	6
Metal Conrod 0.50MM	6
Metal Conrod 0.75MM	6
Metal Conrod 1.00MM	6

CYLINDER KIT & COMPONENTS

PART No	QTY
Cylinder Kit	6
Piston Body C/W Clips	1
Pin Piston	1
Retainer Piston Pin	2
Ring Set Piston	1
Liner Seal Kit	1
Liner	1
Piston Body C/W Clips	6
Pin Piston	6
Retainer Piston Pin	12
Ring Set Piston	6
Liner Seal Kit	6
Liner	6
Liner & Seal Kit	6

CYLINDER HEAD & COMPONENTS

PART No	QTY
Cylinder Head (Bare)	6
Nut	12
Crosshead Guide	12
Lever Assy	12
Shaft Assy	6
Valve In	12
Valve Ex	12
Valve Collet	48
Valve Guide	24
Valve Insert In	12
Valve Insert Ex	12
Valve Spring	24
Seal Valve Stem	24
Retainer Valve Spring Upper	24
Retainer Valve Spring Lower	24
Rocker Arm Bush	12
Rocker Arm In	6
Rocker Arm Ex	6
Push Rod	24
Capscrew Cyl Head	6
Capscrew Cyl Head	36

CYLINDER BLOCK & COMPONENTS

PART No	QTY
Cylinder Block	1
Gear Camshaft	1
Bush Camshaft	7
Camshaft W/O Gear	1
Nozzle Piston Cooling	6

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KOMATSU SAA6D125E-6 (Build 10N)

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	KMPSAA6D125E-6A-K1	1
Gasket Kit Lower	KMPSAA6D125E-6A-K2	1
Gasket Cylinder Head	6251-11-1810	6
Gasket Valve Cover	6251-11-7220	6
Gasket Valve Cover	6251-11-8810	6
Gasket Oil Pan	6150-21-5813	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6150-13-4810	6
Gasket Ex Manifold	6152-15-5830	6
Gasket Cam Follower Cover	6251-21-6450	3
Gasket Lub Oil Fil Cov	6206-21-6871	1
Gasket Cover Plate	6210-21-1971	1
Washer	01643-31645	A/R
Gasket	07005-01412	A/R
Gasket	07005-02216	A/R
Gasket	6154-51-8310	A/R
Gasket	6204-21-6820	A/R
Gasket	6207-11-5390	A/R
Gasket	6210-61-6551	A/R
Gasket	6221-81-6810	A/R
Gasket	6251-21-3231	A/R
Gasket	6251-21-3250	A/R
Gasket	6261-11-9520	A/R

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6251-51-1001	1
Core Oil Cooler	6152-62-2210	1
Oil Cooler Cover	6150-61-2124	1
Gasket Oil Cooler	6150-61-2815	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	6252-71-1110	1
Injector	6252-11-3100	6
Gasket	6217-71-6112	6
Seal Injector	6219-71-1150	12
Seal Injector	6219-71-1160	6
Seal Washer	07005-00812	1
Seal Washer	07005-01012	11

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6252-61-1100	1
O-Ring Water Pump	07000-72115	1
Thermostat Housing	6252-21-6200	1
Thermostat	600-421-6630	1
Thermostat Oil Cooler	6251-61-2610	1
Thermostat Seal	6162-13-6440	1
Thermostat Gasket	6150-22-6490	1
Thermostat Gasket	6210-61-6441	1

FILTERS		
Air Filter Outer	600-185-6110	1
Air Filter Assy	600-185-6100	1
Fuel Pre-Filter Cartridge	600-319-4800	1
Filter Fuel	600-319-3841	1
Engine Filter Kit	SAA6D125FK-1	1
Filter Oil	600-211-1340	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6252.IFK	1
Out-Of-Frame Kit	KMP6252.OFK	1
Overhaul Kit	KMP6252.EOK	1

APPLICATIONS
HM300-3
WA470-7



Gasket Cylinder Head

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KOMATSU 4D130-1 & S4D130-1 (Build 11A) Engine S/No. 10006-Up

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft W/O Gear	6115-31-1110	1
Gear Crankshaft	6110-33-1130	1
Front Seal	07012-00075	1
Rear Seal	6610-21-1321	1
Main Metal Assy STD	6110-20-8070	1
Main Metal Assy 0.25MM	6110-29-8070	1
Main Metal Assy 0.50MM	6110-28-8070	1
Main Metal Assy 0.75MM	6110-27-8070	1
Main Metal Assy 1.00MM	6110-26-8070	1
Thrust Metal STD	6114-20-8050	1
Thrust Metal 0.25MM	6114-29-8050	1
Thrust Metal 0.50MM	6114-28-8050	1
Thrust Metal 0.75MM	6114-27-8050	1
Thrust Metal 1.00MM	6114-26-8050	1
Main & Thrust Metal Set STD	6114-20-8010	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6115-31-3100	4
Bolt Conrod	6110-31-3315	8
Nut Conrod	6110-31-3322	8
Bushing Conrod	6110-33-3120	8
Metal Conrod STD	6114-30-3500	4
Metal Conrod 0.25MM	6114-39-3500	4
Metal Conrod 0.50MM	6114-38-3500	4
Metal Conrod 0.75MM	6114-37-3500	4
Metal Conrod 1.00MM	6114-36-3500	4



Thrust Metal STD

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP6114	4
Piston Body C/W Clips	6114-31-2111	1
Pin Piston	6114-31-2410	1
Ring Set Piston	6114-30-2403	1
Liner Seal Kit	KMP-SK-NH220K	1
Liner	6115-21-2211	1
Cylinder Kit	KMP6115	4
Piston Body C/W Clips	6115-31-2112	1
Pin Piston	6114-31-2410	1
Ring Set Piston	6114-30-2403	1
Liner Seal Kit	KMP-SK-NH220K	1
Liner	6115-21-2211	1
Piston Body C/W Clips	6114-31-2111	4
Piston Body C/W Clips	6115-31-2112	4
Pin Piston	6114-31-2410	4
Retainer Piston Pin	6110-31-2120	8
Ring Set Piston	6114-30-2403	4
Ring Set Piston (4)	6114-30-2303	1
Liner Seal Kit	KMP-SK-NH220K	4
Liner Seal	6610-21-2240	4
Liner	6115-21-2211	4
Liner & Seal Kit	6115-21-2211S	4

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Loaded)	6115-10-1001	1
Cylinder Head (Bare)	6115-11-1101	1
Tappet	6110-43-2110	8
Valve In	6114-41-4110	4
Valve Ex	6114-41-4210	4
Valve Collet	6127-41-4522	16
Valve Guide	6110-13-1311	8
Valve Insert In	6114-11-1180	4
Valve Insert Ex	6110-13-1171	4
Valve Spring In	6112-43-4410	8
Valve Spring Out	6112-43-4420	8
Retainer Valve Spring Upper	6114-41-4510	8
Retainer Valve Spring Lower	6110-43-4531	8
Push Rod	6110-43-3110	8
Capscrew Cyl Head	6110-13-1612	26

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KOMATSU 4D130-1 & S4D130-1 (Build 11A) Engine S/No. 10006-Up

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6115-20-1002	1
Gear Camshaft	6114-41-1120	1
Bush Camshaft	6110-23-1410	3
Camshaft C/W Gear	6114-41-1100	1

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6114-61-1100	1
Water Pump Assy	6114-61-1800	1
Water Pump Gasket Kit	6114-K6-1001	1
Seal Water Pump	6211-61-1530	1
Thermostat	600-421-6310	1
Thermostat Gasket	6114-11-6320	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6114-K1-9901	1
Gasket Kit Upper	6115-K1-9901	1
Gasket Kit Lower	6114-K2-9901	1
Gasket Kit Lower	6115-K2-9901	1
Gasket Cylinder Head	6114-11-1811	1
Gasket Valve Cover	6110-11-8811	1
Gasket Oil Pan	6110-23-5813	1
Gasket In Manifold	6110-11-4811	2
Gasket Ex Manifold	6114-11-5820	4

FILTERS	PART No	QTY
Filter Fuel	600-311-8321	1
Filter Fuel	6110-70-6202	1
Element	6114-50-5100	1
Filter Oil	6120-50-5103	1
Filter Oil	6136-51-5121	1
Filter Water	600-411-1151	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6114-51-1101	1
Core Oil Cooler	6110-63-2110	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6114.IFK	1
Out-Of-Frame Kit	KMP6114.OFK	1
Overhaul Kit	KMP6114.EOK	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105210-1841	1
Fuel Feed Pump	ND092100-0581	1
Fuel Feed Pump	ND092100-0870	1
Injector	6114-11-3100	4
Injector	6114-11-3200	4
Fuel Nozzle Injector	6114-11-3120	4
Fuel Nozzle Injector	6114-11-3220	4

APPLICATIONS

D50-16 S/No. 65001-Up
D50A-16 S/No. 65001-Up
D50F-16 S/No. 65001-Up
D50P-16 S/No. 65001-Up
D53A-16 S/No. 65001-Up
D53P-16 S/No. 65001-Up
D53S-16 S/No. 65001-Up
D53S-17 S/No. 80001-Up
D57S-1 S/No. 6501-Up
GD500R-1



Valve Train Items

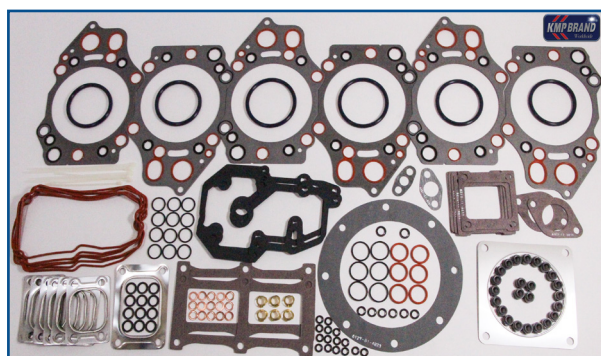
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KOMATSU S6D140-1 (Build 12A)

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6211-31-1010	1
Gear Crankshaft	6210-31-1120	1
Key	04010-00725	1
Front Seal	6150-21-3230	1
Rear Seal	6151-21-4150	1
Rear Seal	6151-21-4161	1
Wear Sleeve (Front)	6210-21-3170	1
Wear Sleeve (Rear)	6151-29-4160	1
Main Metal Assy STD	6210-21-8010	7
Main Metal Assy 0.25MM	6210-29-8010	7
Main Metal Assy 0.25MM (Set)	6210-29-8010S	1
Main Metal Assy 0.50MM	6210-28-8010	7
Main Metal Assy 0.50MM (Set)	6210-28-8010S	1
Main Metal Assy 0.75MM	6210-27-8010	7
Main Metal Assy 1.00MM	6210-26-8010	7
Thrust Metal STD	6210-21-8050	1
Thrust Metal 0.25MM	6210-29-8050	1
Thrust Metal 0.50MM	6210-28-8050	1
Thrust Metal 0.75MM	6210-27-8050	1
Thrust Metal 1.00MM	6210-26-8050	1
Main & Thrust Metal Set STD	6210-21-8000	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6211-31-3100	6
Bolt Conrod	6210-31-3310	12
Bushing Conrod	6211-31-3130	6
Metal Conrod STD	6210-31-3041	6
Metal Conrod 0.25MM	6210-39-3041	6
Metal Conrod 0.50MM	6210-38-3041	6
Metal Conrod 0.75MM	6210-37-3041	6
Metal Conrod 1.00MM	6210-36-3040	6



Gasket Kit Upper

CYLINDER KITS & COMPONENTS	PART No	QTY
Cylinder Kit	KMP2130	6
Piston Body C/W Clips	6211-31-2130	1
Pin Piston	6211-31-2410	1
Ring Set Piston	6211-31-2050	1
Liner Seal Kit	KMP-SK-140	1
Liner	6211-22-2220	1
Piston Body C/W Clips	6211-31-2130	6
Pin Piston	6211-31-2410	6
Retainer Piston Pin	04065-05220	12
Ring Set Piston	6211-31-2050	6
Liner Seal Kit	KMP-SK-140	6
Liner	6211-22-2220	6
Liner & Seal Kit	6211-22-2220S	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6211-11-1101	6
Cylinder Head (Bare)	6211-11-1103	6
Lever Assy	6210-41-2320	12
Valve In	6215-41-4110	12
Valve Ex	6215-41-4212	12
Valve Collet	6136-41-4520	48
Valve Guide	6210-16-1340	24
Valve Guide	6212-16-1440	24
Valve Insert In	6210-11-1330	12
Valve Insert Ex	6210-11-1321	12
Valve Spring In	6210-41-4440	24
Valve Spring Out	6210-41-4430	24
Seal Valve Stem	6212-41-4540	12
Retainer Valve Spring Upper	6210-41-4510	24
Retainer Valve Spring Lower	6210-41-4530	24
Rocker Arm In	6210-41-5401	6
Rocker Arm Ex	6210-41-5501	6
Push Rod	6210-41-3120	12
Capscrew Cyl Head	6210-11-1610	36

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6211-21-1092	1
Cam Support (Thrust Plate)	6210-41-1131	1
Gear Camshaft (LH)	6210-41-1120	1
Bush Camshaft	6210-21-1490	7
Camshaft C/W Gear	6210-41-1111	1

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KOMATSU S6D140-1 (Build 12A)

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6211-K1-0105	1
Gasket Kit Upper	6211-K1-9800	1
Gasket Kit Upper	6211-K1-9901	1
Gasket Kit Lower	6211-K2-0901	1
Gasket Kit Lower (No Seals)	6211-K2-9800	1
Gasket Kit Lower	6211-K2-9901	1
Gasket Cylinder Head	6210-17-1814	6
Gasket Valve Cover	6210-11-8811	6
Gasket Oil Pan	6210-21-5820	1
Gasket In Manifold	6210-11-4811	6
Gasket In Manifold	6211-11-4821	2
Gasket Ex Manifold	6210-11-5881	6
Gasket Rocker Housing	6210-11-7813	6
Gasket Rocker Lever Housing	6210-11-7830	6
Gasket Rocker Lever Housing	6210-77-7813	6
Seal Oil Cooler	07000-22021	12

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6211-51-1000	1
Core Oil Cooler	6211-61-2111	1
Gasket Oil Cooler	6210-61-2811	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105217-1480	1
Fuel Feed Pump	DK105217-1540	1
Fuel Feed Pump	DK105217-1650	1
Fuel Line	6211-71-5110	1
Fuel Line	6211-71-5120	1
Fuel Line	6211-71-5130	1
Fuel Line	6211-71-5140	1
Fuel Line	6211-71-5150	1
Fuel Line	6211-71-5160	1
Injector	6211-11-3101	6
Injector	6211-11-3500	6
Injector	6211-12-3100	6
Fuel Nozzle Injector	6211-11-3120	6
Fuel Nozzle Injector	6211-11-3520	6
Fuel Nozzle Injector	6211-12-3120	6
Washer	6210-71-1140	6
Washer	6210-71-1160	6
Plunger Assy	DK134151-2320	1

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6211-62-1403	1
Water Pump Assy	6212-61-1305	1
Water Pump Gasket Kit	6211-K6-9800	1
Shaft Water Pump	6211-61-1310	1
Impeller Water Pump	6211-61-1420	1
Seal Water Pump	6124-61-1242	1
Seal Water Pump	6210-61-1520	1
Thermostat	600-421-6630	2
Thermostat Seal	6162-13-6440	2
Thermostat Hsg Gasket	6210-61-6421	1
Thermostat Gasket	6210-61-6441	1

FILTERS	PART No	QTY
Filter Fuel	600-311-7111	1
Filter Fuel	600-311-7132	1
Filter Fuel	600-311-8321	1
Filter Oil	600-211-1231	1
Precleaner	600-181-5710	1
Filter Water	600-411-1151	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2130.IFK-A	1
In-Frame Kit	KMP2130.IFK-B	1
In-Frame Kit	KMP2130.IFK-C	1
Out-Of-Frame Kit	KMP2130.OFK-A	1
Out-Of-Frame Kit	KMP2130.OFK-B	1
Out-Of-Frame Kit	KMP2130.OFK-C	1
Out-Of-Frame Kit	KMP2130.OFK-D	1
Overhaul Kit	KMP2130.EOK-A	1
Overhaul Kit	KMP2130.EOK-B	1
Overhaul Kit	KMP2130.EOK-C	1
Overhaul Kit	KMP2130.EOK-D	1

APPLICATIONS

WA500-1 S/No. 10001-Up & A20131-Up
 WA500-1L S/No. A20854-Up
 WA500-3 S/No. 50001-Up
 D135A-2 S/No. 10301-Up
 D155A-3 S/No. 60001-Up
 D155AX-3 S/No. 60001-Up
 GD825A-2 S/No.11001-Up
 GD825A-2 S/No.11001-Up
 GD825A-2 S/No.11001-Up

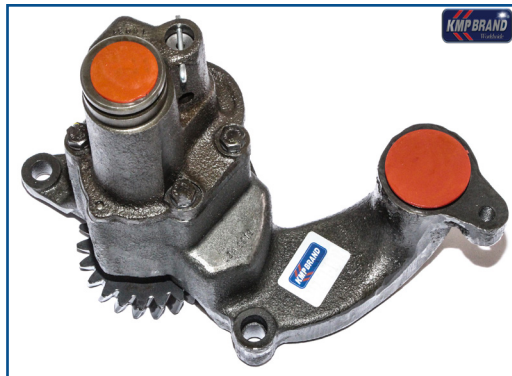
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KOMATSU SA6D140E-2 & SAA6D140E-2 (Build 12B)

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6211-31-1010	1
Gear Crankshaft	6210-31-1120	1
Front Seal	6150-21-3230	1
Front Seal	6711-29-3521	1
Rear Seal	6151-21-4150	1
Rear Seal	6151-21-4161	1
Wear Sleeve (Front)	6210-21-3170	1
Wear Sleeve (Rear)	6151-29-4160	1
Main Metal Assy STD	6210-21-8010	7
Main Metal Assy 0.25MM	6210-29-8010	7
Main Metal Assy 0.25MM (Set)	6210-29-8010S	1
Main Metal Assy 0.50MM	6210-28-8010	7
Main Metal Assy 0.50MM (Set)	6210-28-8010S	1
Main Metal Assy 0.75MM	6210-27-8010	7
Main Metal Assy 1.00MM	6210-26-8010	7
Thrust Metal STD	6210-21-8050	1
Thrust Metal 0.25MM	6210-29-8050	1
Thrust Metal 0.50MM	6210-28-8050	1
Thrust Metal 0.75MM	6210-27-8050	1
Thrust Metal 1.00MM	6210-26-8050	1
Main & Thrust Metal Set STD	6210-21-8000	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6211-31-3100	6
Bolt Conrod	6210-31-3310	12
Bushing Conrod	6211-31-3130	6
Metal Conrod STD	6210-32-3040	6
Metal Conrod 0.25MM	6210-39-3041	6
Metal Conrod 0.50MM	6210-38-3041	6
Metal Conrod 0.75MM	6210-37-3041	6
Metal Conrod 1.00MM	6210-36-3040	6



Oil Pump

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6211	6
Piston Body C/W Clips	6211-32-2130	1
Pin Piston	6211-31-2410	1
Ring Set Piston	6211-31-2050	1
Liner Seal Kit	KMP-SK-140	1
Liner	6211-22-2220	1
Piston Body C/W Clips	6211-32-2130	6
Pin Piston	6211-31-2410	6
Retainer Piston Pin	04065-05220	12
Ring Set Piston	6211-31-2050	6
Liner Seal Kit	KMP-SK-140	6
Liner	6211-22-2220	6
Liner & Seal Kit	6211-22-2220S	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6211-12-1100	6
Cylinder Head (Bare)	6212-12-1200	6
Crosshead Guide	6210-11-1140	12
Crosshead Assy	6210-41-5620	12
Lever Assy	6210-41-2320	12
Valve In	6215-41-4110	12
Valve Ex	6215-41-4212	12
Valve Collet	6136-41-4520	48
Valve Guide	6212-16-1440	24
Valve Insert In	6210-11-1330	12
Valve Insert Ex	6210-11-1321	12
Valve Spring In	6210-41-4440	24
Valve Spring Out	6210-41-4430	24
Seal Valve Stem	6212-41-4540	12
Retainer Valve Spring Upper	6210-41-4510	24
Retainer Valve Spring Lower	6210-41-4530	24
Rocker Arm In	6210-41-5401	6
Rocker Arm Ex	6210-41-5501	6
Push Rod	6210-41-3120	12
Capscrew Cyl Head	6210-11-1610	36

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6211-22-1101	1
Gear Camshaft (LH)	6210-41-1120	1
Bush Camshaft	6210-21-1490	7
Camshaft C/W Gear	6210-41-1111	1
Nozzle Piston Cooling	6211-21-1800	6
Nozzle Piston Cooling	6211-21-1900	6

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KOMATSU SA6D140E-2 & SAA6D140E-2 (Build 12B)

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6211-K1-9800	1
Gasket Kit Upper	6211-K1-9901	1
Gasket Kit Upper	6212-K1-9901	1
Gasket Kit Lower (No Seals)	6211-K2-9800	1
Gasket Kit Lower	6211-K2-9901	1
Gasket Kit Lower	6212-K2-9801	1
Gasket Kit Lower	6212-K2-9901	1
Gasket Cylinder Head	6210-17-1814	6
Gasket Valve Cover	6210-11-8820	6
Gasket Oil Pan	6210-21-5820	1
Gasket In Manifold	6210-11-4811	6
Gasket In Manifold	6211-11-4821	2
Gasket Ex Manifold	6210-11-5881	6
Gasket Rocker Lever Housing	6210-11-7830	6
Seal Oil Cooler	07000-22021	6
Gasket	6217-21-3251	A/R

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6211-51-1000	1
Oil Pump	6212-51-1002	1
Core Oil Cooler	6211-61-2111	1
Core Oil Cooler	6212-61-2111	1
Core Aftercooler	6212-61-6121	1
Core Aftercooler	6212-62-4100	1
Gasket Oil Cooler	6210-61-2811	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105237-1541	1
Fuel Feed Pump	DK105237-5000	1
Fuel Feed Pump	DK105237-5070	1
Fuel Feed Pump	DK105237-5370	1
Injector	6211-11-3101	6
Injector	6211-12-3100	6
Injector	6211-12-3500	6
Injector	6211-12-3600	6
Injector	6212-12-3100	6
Injector	6212-12-3200	6
Fuel Nozzle Injector	6211-12-3120	6
Fuel Nozzle Injector	6211-12-3520	6
Fuel Nozzle Injector	6212-12-3220	6
O-Ring	6210-11-7710	6
Seal Washer	07005-01012	1
Washer	6210-71-1140	6
Washer	6210-71-1160	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6211-62-1403	1
Water Pump Assy	6212-61-1203	1
Water Pump Assy	6212-61-1305	1
Water Pump Gasket	6212-K6-9902	1
Thermostat	600-421-6630	2
Thermostat Oil Cooler	6212-65-2610	1
Thermostat Seal	6162-13-6440	2
Thermostat Hsg Gasket	6210-61-6421	1

FILTERS	PART No	QTY
Filter Fuel	600-311-7111	1
Filter Fuel	600-311-7152	1
Engine Filter Kit	SA6D140FK-1	1
Filter Oil	600-211-1231	1
Filter Oil	600-211-1291	1
Filter Oil Bypass	600-212-1511	1
Precleaner	600-181-5710	1
Filter Fuel Separator	600-311-9732	1
Filter Water	600-311-9971	1
Filter Water	600-411-1151	1
Filter Water	600-411-1171	1
Filter Water	600-411-1571	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6211.IFK-A	1
In-Frame Kit	KMP6211.IFK-E	1
In-Frame Kit	KMP6211.IFK-F	1
Out-Of-Frame Kit	KMP6211.OFK-A	1
Out-Of-Frame Kit	KMP6211.OFK-B	1
Out-Of-Frame Kit	KMP6211.OFK-F	1
Overhaul Kit	KMP6211.EOK-A	1
Overhaul Kit	KMP6211.EOK-B	1
Overhaul Kit	KMP6211.EOK-D	1

APPLICATIONS

D155AX-3 S/No. 60001-Up	PC1600SP-1 S/No. 10001-Up
D155A-3 S/No. 60001-Up	PC1800-6 S/No. 10001-Up
D155A-5 S/No. 65001-Up	GD825A-1 S/No.10002-Up
D155AX-5 S/No. 70001-Up	GD825A-2 S/No.11001-Up
D355C-3-A S/No. 23933-Up	HD325-6 S/No. 5001-Up
D355C-3-DA S/No. 14263-Up	HD325-6Z S/No. 5001-Up
PC750-6 /LC-6 / SE-6 S/No. 10001-Up	HD405-6 S/No. 1001-Up
PC750LC-6K-01 S/No. K30001-Up	HD405-6 S/No. 5001-Up
PC750SE-6K / 6K-01 S/No. K30001-Up	WD500-3 S/No. 50001-Up
PC800-6 / SE-6 S/No. 30001-Up	

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KOMATSU SA6D140-1 (Build 12C)

CRANKSHAFT & COMPONENTS

	PART No	QTY
Crankshaft C/W Gear	6211-31-1010	1
Gear Crankshaft	6210-31-1120	1
Key	04010-00725	1
Front Seal	6150-21-3230	1
Front Seal	6711-29-3521	1
Rear Seal	6151-21-4150	1
Rear Seal	6151-21-4161	1
Wear Sleeve (Front)	6210-21-3170	1
Wear Sleeve (Rear)	6151-29-4160	1
Main Metal Assy STD	6210-21-8010	7
Main Metal Assy 0.25MM	6210-29-8010	7
Main Metal Assy 0.25MM (Set)	6210-29-8010S	1
Main Metal Assy 0.50MM	6210-28-8010	7
Main Metal Assy 0.50MM (Set)	6210-28-8010S	1
Main Metal Assy 0.75MM	6210-27-8010	7
Main Metal Assy 1.00MM	6210-26-8010	7
Thrust Metal STD	6210-21-8050	1
Thrust Metal 0.25MM	6210-29-8050	1
Thrust Metal 0.50MM	6210-28-8050	1
Thrust Metal 0.75MM	6210-27-8050	1
Thrust Metal 1.00MM	6210-26-8050	1
Main & Thrust Metal Set STD	6210-21-8000	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6211-31-3100	6
Bolt Conrod	6210-31-3310	12
Bushing Conrod	6211-31-3130	6
Metal Conrod STD	6210-31-3041	6
Metal Conrod 0.25MM	6210-39-3041	6
Metal Conrod 0.50MM	6210-38-3041	6
Metal Conrod 0.75MM	6210-37-3041	6
Metal Conrod 1.00MM	6210-36-3040	6

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP6212	6
Piston Body C/W Clips	6212-31-2170	1
Pin Piston	6211-31-2410	1
Ring Set Piston	6211-31-2050	1
Liner Seal Kit	KMP-SK-140	1
Liner	6211-22-2220	1

CYLINDER KIT & COMPONENTS (Continued)

	PART No	QTY
Piston Body C/W Clips	6212-31-2170	6
Piston, Clips, Pin & Rings	6216-34-2180	6
Pin Piston	6211-31-2410	6
Retainer Piston Pin	04065-05220	12
Ring Set Piston	6211-31-2050	6
Liner Seal Kit	KMP-SK-140	6
Liner	6211-22-2220	6
Liner & Seal Kit	6211-22-2220S	6

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6211-11-1101	6
Cylinder Head (Bare)	6211-11-1103	6
Pin	6150-41-2430	12
Crosshead Guide	6210-11-1140	12
Crosshead Assy	6210-41-5620	12
Lever Assy	6210-41-2320	12
Valve In	6215-41-4110	12
Valve Ex	6215-41-4212	12
Valve Collet	6136-41-4520	48
Valve Guide	6210-16-1340	24
Valve Guide	6212-16-1440	24
Valve Insert In	6210-11-1330	12
Valve Insert Ex	6210-11-1321	12
Valve Spring In	6210-41-4440	24
Valve Spring Out	6210-41-4430	24
Seal Valve Stem	6212-41-4540	12
Retainer Valve Spring Upper	6210-41-4510	24
Retainer Valve Spring Lower	6210-41-4530	24
Rocker Arm In	6215-41-5041	6
Rocker Arm Ex	6215-41-5050	6
Push Rod	6210-41-3120	12
Capscrew Cyl Head	6150-81-9160	6
Capscrew Cyl Head	6210-11-1610	36

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Cylinder Block	6211-21-1092	1
Cam Support (Thrust Plate)	6210-41-1131	1
Gear Camshaft (LH)	6210-41-1120	1
Bush Camshaft	6210-21-1490	7
Camshaft C/W Gear	6210-41-1111	1
Nozzle Piston Cooling	6211-21-1800	6
Nozzle Piston Cooling	6218-21-1920	6

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KOMATSU SA6D140-1 (Build 12C)

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6212-K1-0901	1
Gasket Kit Upper	6212-K1-9901	1
Gasket Kit Lower	6212-K2-9801	1
Gasket Kit Lower	6212-K2-9901	1
Gasket Cylinder Head	6210-17-1814	6
Gasket Valve Cover	6210-11-8811	6
Gasket Oil Pan	6210-21-5820	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6210-11-4811	6
Gasket Ex Manifold	6210-11-5881	6
Gasket Rocker Housing	6210-11-7813	6
Gasket Rocker Lever Housing	6210-77-7813	6
Seal Oil Cooler	07000-22021	6
Gasket	07005-01412	A/R
Gasket	6164-91-6220	A/R
Gasket	6696-61-9921	A/R

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6211-51-1000	1
Core Oil Cooler	6212-61-2111	1
Core Aftercooler	6212-61-6121	1
Gasket Oil Cooler	6210-61-2811	1
Gasket Aftercooler	6215-15-4710	2

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	6553-91-1400	1
Fuel Feed Pump	DK105237-1541	1
Fuel Feed Pump	ND092100-1880	1
Fuel Feed Pump	ND092100-2010	1
Fuel Line	6211-71-5110	1
Fuel Line	6211-71-5120	1
Fuel Line	6211-71-5130	1
Fuel Line	6211-71-5140	1
Fuel Line	6211-71-5150	1
Fuel Line	6211-71-5160	1
Injector	6212-11-3101	6
Injector	6212-11-3202	6
Fuel Nozzle Injector	6212-11-3120	6
Fuel Nozzle Injector	6215-11-3220	6
O-Ring	6210-11-7710	6
Seal Washer	07005-01012	8
Washer	6210-71-1140	6
Washer	6210-71-1160	6

COOLING SYSTEM	PART No	QTY
Ball Bearing	06000-06305	1
Water Pump Assy	6212-61-1203	1
Water Pump Assy	6212-61-1305	1
Water Pump Gasket Kit	6211-K6-9800	1
Water Pump Gasket	6212-K6-9902	1
Impeller Water Pump	6212-61-1220	1
Seal Water Pump	6210-61-1520	2
Seal Water Pump	6211-61-1530	1
Thermostat	600-421-6630	2
Thermostat Oil Cooler	6212-65-2610	1
Thermostat Seal	6162-13-6440	2
Thermostat Hsg Gasket	6210-61-6421	1

FILTERS	PART No	QTY
Filter Fuel	600-311-7111	1
Filter Fuel	600-311-7132	1
Engine Filter Kit	SA6D140FK-1	1
Filter Oil	600-211-1231	1
Filter Water	600-411-1171	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6212.IFK-A	1
In-Frame Kit	KMP6212.IFK-B	1
Out-Of-Frame Kit	KMP6212.OFK-A	1
Out-Of-Frame Kit	KMP6212.OFK-B	1
Overhaul Kit	KMP6212.EOK-A	1
Overhaul Kit	KMP6212.EOK-B	1

APPLICATIONS

PC650-3 S/No. 10501-Up
 PC650LC-3 S/No. 10501-Up
 PC650SE-3 S/No. 10501-Up
 PC650-5 S/No. 20001-Up
 PC650E-5 S/No. 20001-Up
 PC650LC-5 S/No. 20001-Up
 PC650SE-5 S/No. 20001-Up
 PC710-5 / SE-5 S/No. 10001-Up
 PC1600-1 S/No. 10063-Up
 HD325-5 S/No. 2001-Up & A3027-Up
 HD325-6/6W S/No. 5001-Up

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KOMATSU SA6D140E-3 & SDA6D140E-3 (Build 12D)

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft C/W Gear	6217-31-1010	1
Gear Crankshaft	6210-31-1120	1
Key	04010-00725	1
Key	6150-31-1130	1
Front Seal	6711-29-3521	1
Rear Seal	6151-21-4161	1
Wear Sleeve (Front)	6210-21-3170	1
Wear Sleeve (Rear)	6151-29-4160	1
Main Metal Assy STD	6210-21-8010	7
Main Metal Assy 0.25MM	6210-29-8010	7
Main Metal Assy 0.25MM (Set)	6210-29-8010S	1
Main Metal Assy 0.50MM	6210-28-8010	7
Main Metal Assy 0.50MM (Set)	6210-28-8010S	1
Main Metal Assy 0.75MM	6210-27-8010	7
Main Metal Assy 1.00MM	6210-26-8010	7
Thrust Metal STD	6210-21-8050	1
Thrust Metal 0.25MM	6210-29-8050	1
Thrust Metal 0.50MM	6210-28-8050	1
Thrust Metal 0.75MM	6210-27-8050	1
Thrust Metal 1.00MM	6210-26-8050	1
Main & Thrust Metal Set STD	6210-21-8000	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6211-31-3100	6
Bolt Conrod	6210-31-3310	12
Bushing Conrod	6211-31-3130	6
Metal Conrod STD	6210-31-3041	6
Metal Conrod 0.25MM	6210-39-3041	6
Metal Conrod 0.50MM	6210-38-3041	6
Metal Conrod 0.75MM	6210-37-3041	6
Metal Conrod 1.00MM	6210-36-3040	6

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP6217	6
Piston Body C/W Clips	6217-31-2130	1
Pin Piston	6211-31-2410	1
Ring Set Piston	6217-31-2030	1
Liner Seal Kit	KMP-SK-140	1
Liner	6218-21-2210	1

CYLINDER KIT & COMPONENTS (Continued)

	PART No	QTY
Piston Body C/W Clips	6217-31-2130	6
Piston, Pin & Clips	6217-31-2130WP	6
Pin Piston	6211-31-2410	6
Retainer Piston Pin	04065-05220	12
Ring Set Piston	6217-31-2030	6
Liner Seal Kit	KMP-SK-140	6
Liner	6218-21-2210	6
Liner & Seal Kit	1318204H91	6
Liner & Seal Kit	6218-21-2210S	6

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6218-11-1100	6
Crosshead Guide	6210-11-1140	12
Crosshead Assy	6210-41-5620	12
Lever Assy	6210-41-2320	12
Valve In	6217-41-4110	12
Valve Ex	6215-41-4212	12
Valve Collet	6136-41-4520	48
Valve Guide	6217-16-1440	24
Valve Insert In	6210-11-1330	12
Valve Insert In	6216-11-1330	12
Valve Insert Ex	6217-11-1321	12
Valve Spring In	6210-41-4440	24
Valve Spring Out	6210-41-4430	24
Seal Valve Stem	6217-41-4540	12
Retainer Valve Spring Upper	6210-41-4510	24
Retainer Valve Spring Lower	6217-41-4531	24
Push Rod	6210-41-3120	12
Capscrew Cyl Head	01438-01020	12
Capscrew Cyl Head	6217-11-1610	36
Capscrew Cyl Head	6217-11-1620	36

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Cylinder Block	6217-21-1100	1
Cam Support (Thrust Plate)	6210-41-1131	1
Gear Camshaft (LH)	6210-41-1120	1
Bush Camshaft	6210-21-1490	7
Camshaft C/W Gear	6210-41-1111	1
Nozzle Piston Cooling	6218-21-1910	6
Nozzle Piston Cooling	6218-21-1920	6

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KOMATSU SA6D140E-3 & SDA6D140E-3 (Build 12D)

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6217-K1-9900	1
Gasket Kit Upper	6218-K1-9900	1
Gasket Kit Lower	6217-K2-9900	1
Gasket Kit Lower	6218-K2-9900	1
Gasket Cylinder Head	6210-17-1814	6
Gasket Valve Cover	6217-11-8830	6
Gasket Oil Pan	6210-21-5820	1
Gasket In Manifold	6210-11-4811	12
Gasket Ex Manifold	6218-11-5880	6
Gasket Cover Plate	6210-21-1971	1
Gasket	07005-01412	A/R
Gasket	07005-02216	A/R
Gasket	6217-21-3251	A/R
Gasket	6221-81-6810	A/R
Gasket	6696-61-9921	A/R

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6218-51-2004	1
Core Oil Cooler	6212-61-2111	1
Core Aftercooler	6217-61-6120	1
Gasket Oil Cooler	6210-61-2811	1
Gasket Oil Cooler	6217-61-6340	1

FUEL SYSTEM	PART No	QTY
Fuel Line	6217-71-5112	1
Fuel Line	6217-71-5122	1
Fuel Line	6217-71-5132	1
Fuel Line	6217-71-5142	1
Fuel Line	6217-71-5152	1
Fuel Line	6217-71-5162	1
Injector	6218-11-3101	6
Fuel Nozzle Injector	6218-11-3121	6
Seal Washer	07005-01012	8

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6212-61-1305	1
Water Pump Gasket	6217-61-6330	1
Water Pump Gasket	6150-61-1821	1
Water Pump Gasket Kit	6217-K6-9900	1
Water Pump Gasket Kit	6218-K6-9900	1
Water Pump Gasket Kit	6218-K6-9950	1
Shaft Water Pump	6151-61-1310	1
Impeller Water Pump	6150-61-1210	1
Seal Water Pump	6150-61-1510	1
Seal Water Pump	6211-61-1530	1
Thermostat	600-421-6630	2
Thermostat Seal	6162-13-6440	2
Thermostat Hsg Gasket	6210-61-6421	1

FILTERS	PART No	QTY
Air Filter Outer	600-185-6110	1
Air Filter Assy	600-185-6100	1
Filter Fuel	600-319-3510	1
Engine Filter Kit	SA6D140FK-1	1
Filter Oil	600-211-1340	1
Filter Transmission	195-15-75560	1
Filter Fuel Separator	600-311-3111	1
Filter Water	600-411-1030	1
Filter Water	600-411-1151	1
Filter Water	600-411-1161	1
Filter Water	600-411-1171	1
Filter Water	600-411-1191	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6217.IFK-A	1
In-Frame Kit	KMP6217.IFK-B	1
Out-Of-Frame Kit	KMP6217.OFK-A	1
Out-Of-Frame Kit	KMP6217.OFK-B	1
Overhaul Kit	KMP6217.EOK-A	1
Overhaul Kit	KMP6217.EOK-B	1

APPLICATIONS

D155AX-5 S/No. 70001-Up	PC-750-6-AW S/No. 11001-Up
HD325-6 S/No. 5001-Up	PC-750LC-6-AW S/No. 11001-Up
HD405-6 S/No. 1001-Up	PC750LC-6K-01 / SE-6K-01 S/No. K30001-Up
HM350-1 S/No. 1001-Up	PC-750SE-6-AW S/No. 11001-Up
HM400-1 S/No. 1001-Up	PC800-6-AW / SE-6-AW 30001-Up
D275AX-5 S/No. 20001-Up	PC1800-6-T2 S/No. 10001-Up
PC600-6A-KJ / 6A-W1 S/No. 10001-Up	WA500-3 S/No. 50001-Up
PC600-6K S/No. K30001-Up	WA500-3H S/No. 20051-Up
PC600LC-6A-CA / KJ / W1 S/No. 10001-Up	WA500-3LK S/No. 71001-Up

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KOMATSU SAA6D140E-5A/B/C (Build 12E) Engine S/No. 530001-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6261-31-1210	1
Gear Crankshaft	6210-31-1120	1
Key	04010-00725	1
Front Seal	6711-29-3521	1
Rear Seal	6151-21-4150	1
Main Metal Assy STD	6261-21-8010	7
Main Metal Assy 0.25MM	6261-29-8010	7
Main Metal Assy 0.50MM	6261-28-8010	7
Main Metal Assy 0.75MM	6261-27-8010	7
Main Metal Assy 1.00MM	6261-26-8010	7
Thrust Metal STD	6210-21-8050	1
Thrust Metal 0.25MM	6210-29-8050	1
Thrust Metal 0.50MM	6210-28-8050	1
Thrust Metal 0.75MM	6210-27-8050	1
Thrust Metal 1.00MM	6210-26-8050	1
Main & Thrust Metal Set STD	6261-21-8000	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6261-31-3100	6
Bolt Conrod	6210-31-3310	12
Bushing Conrod	6261-31-3130	6
Metal Conrod STD	6210-32-3040	6
Metal Conrod 0.25MM	6210-39-3042	6
Metal Conrod 0.50MM	6210-38-3042	6
Metal Conrod 0.75MM	6210-37-3042	6
Metal Conrod 1.00MM	6210-36-3042	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP31-2130	6
Piston Body C/W Clips	6261-31-2130	1
Pin Piston	6211-31-2410	1
Ring Set Piston	6261-31-2030	1
Liner Seal Kit	KMP-SK-140	1
Liner	6211-22-2220	1
Piston Body C/W Clips	6261-31-2130	6
Pin Piston	6211-31-2410	6
Retainer Piston Pin	04065-05220	12
Ring Set Piston	6261-31-2030	6
Liner Seal Kit	KMP-SK-140	6
Liner	6211-22-2220	6
Liner & Seal Kit	6211-22-2220S	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6261-11-1110	6
Crosshead Guide	6210-11-1140	12
Lever Assy	6210-41-2320	12
Valve In	6217-41-4110	12
Valve Ex	6215-41-4220	12
Valve Collet	6136-41-4520	48
Valve Guide	6217-16-1440	24
Valve Insert In	6216-11-1330	12
Valve Insert Ex	6217-11-1321	12
Valve Spring In	6210-41-4440	24
Valve Spring Out	6210-41-4430	24
Seal Valve Stem	6217-41-4540	24
Retainer Valve Spring Upper	6210-41-4510	24
Retainer Valve Spring Lower	6217-41-4531	24
Push Rod	6210-41-3120	12
Capscrew Cyl Head	01438-01020	6
Capscrew Cyl Head	6217-11-1610	18
Capscrew Cyl Head	6217-11-1620	18

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6261-21-1110	1
Cam Support (Thrust Plate)	6210-41-1131	1
Gear Camshaft (LH)	6210-41-1120	1
Bush Camshaft	6210-21-1490	7
Camshaft C/W Gear	6210-41-1111	1
Nozzle Piston Cooling	6261-21-1910	6
Nozzle Piston Cooling	6261-21-1920	6

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6261-K1-9900	1
Gasket Kit Lower	6261-K2-9900	1
Gasket Cylinder Head	6210-17-1814	6
Gasket Valve Cover	6217-11-8830	6
Gasket Oil Pan	6210-21-5820	1
Gasket In Manifold	6210-11-4811	6
Gasket Ex Manifold	6261-11-5880	6
Gasket	6217-21-3251	A/R
Seal Ring	707-44-13920	A/R

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KOMATSU SAA6D140E-5A/B/C (Build 12E) Engine S/No. 530001-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6261-51-2000	1
Oil Cooler Assy	6261-61-2110	1
Gasket Oil Cooler	6210-61-2811	1

FUEL SYSTEM	PART No	QTY
Injector	6261-11-3100	6
Fuel Nozzle Injector	6261-11-3120	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6261-61-1102	1
Water Pump Gasket	6217-61-6330	1
Water Pump Gasket Kit	6261-K6-9900	1
Seal Water Pump	6124-61-1242	1
Thermostat	600-421-6630	2
Thermostat Seal	6162-13-6440	2
Thermostat Hsg Gasket	6210-61-6421	1

FILTERS	PART No	QTY
Air Filter Outer	600-185-6110	1
Filter Fuel	600-311-3520	1
Filter Fuel (C/W Bowl)	600-319-4540	1
Filter Oil	600-211-1340	2
Filter Water	600-411-1151	1
Filter Water	600-411-1171	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6261.IFK-A	1
Out-Of-Frame Kit	KMP6261.OFK-A	1
Overhaul Kit	KMP6261.EOK-A	1

APPLICATIONS

D27AX-5EO

PC600LC-8

WA500-7

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KOMATSU SA12V140-1 (Build 13A)

CRANKSHAFT & RELATED PARTS

PART No		QTY
Crankshaft C/W Gear	6215-31-1101	1
Gear Crankshaft	6215-31-1140	1
Front Seal	6162-23-3510	1
Rear Seal	6216-24-9960	1
Wear Sleeve (Front)	6215-29-4320	1
Wear Sleeve (Rear)	6215-29-4220	1
Main & Thrust Metal Set STD	6215-21-8001	1
Main & Thrust Metal Set 0.25MM	6215-29-8070	1
Main & Thrust Metal Set 0.50MM	6215-28-8070	1
Main & Thrust Metal Set 0.75MM	6215-27-8070	1
Main & Thrust Metal Set 1.00MM	6215-26-8070	1
Thrust Metal STD	6215-21-8050	1
Thrust Metal 0.25MM	6215-29-8050	1
Thrust Metal 0.50MM	6215-28-8050	1
Thrust Metal 0.75MM	6215-27-8050	1
Thrust Metal 1.00MM	6215-26-8050	1

CONNECTING ROD & RELATED PARTS

Conrod (RH)	6215-31-3100	6
Conrod (LH)	6215-31-3200	6
Bolt Conrod	6215-31-3310	24
Bushing Conrod	6211-31-3130	12
Bushing Conrod	6211-31-3140	12
Metal Conrod STD	6215-31-3050	12
Metal Conrod 0.25MM	6215-39-3050	12
Metal Conrod 0.50MM	6215-38-3050	12
Metal Conrod 0.75MM	6215-37-3050	12
Metal Conrod 1.00MM	6215-36-3050	12

CYLINDER KIT & COMPONENTS

		QTY
Cylinder Kit	KMP6212	12
Piston Body C/W Clips	6212-31-2170	1
Pin Piston	6211-31-2410	1
Ring Set Piston	6211-31-2050	1
Liner Seal Kit	KMP-SK-140	1
Liner	6211-22-2220	1
Piston Body C/W Clips	6212-31-2170	12
Piston, Clips, Pin & Rings	6216-34-2180	12
Pin Piston	6211-31-2410	12
Retainer Piston Pin	04065-05220	24
Ring Set Piston	6211-31-2050	12
Liner Seal Kit	KMP-SK-140	12
Liner	6211-22-2220	12
Liner & Seal Kit	6211-22-2220S	12

CYLINDER HEAD & COMPONENTS

		QTY
Cylinder Head (Bare)	6212-11-1102	12
Cylinder Head (Bare)	6212-11-1103	12
Cylinder Head (Bare)	6215-11-1100	12
Crosshead Guide	6210-11-1140	24
Lever Assy	6210-41-2320	24
Valve In	6215-41-4110	24
Valve Ex	6215-41-4212	24
Valve Ex	6215-41-4220	24
Valve Collet	6136-41-4520	96
Valve Guide	6212-16-1440	48
Valve Insert In	6216-11-1330	24
Valve Insert Ex	6210-11-1321	24
Valve Spring In	6210-41-4440	48
Valve Spring Out	6210-41-4430	48
Seal Valve Stem	6212-41-4540	48
Retainer Valve Spring Upper	6210-41-4510	48
Retainer Valve Spring Lower	6210-41-4530	48
Push Rod	6210-41-3120	24
Capscrew Cyl Head	01438-01020	12
Capscrew Cyl Head	6210-11-1610	72

CYLINDER BLOCK & COMPONENTS

Cylinder Block	6215-21-1201	1
Cylinder Block	6215-21-1400	1
Gear Camshaft (LH)	6210-41-1120	1
Gear Camshaft (RH)	6215-41-1130	1
Bush Camshaft	6210-21-1490	14
Camshaft C/W Gear (RH)	6215-41-1100	1
Camshaft C/W Gear (LH)	6215-41-1200	1
Nozzle Piston Cooling	6211-21-1800	12
Nozzle Piston Cooling	6211-21-1900	12

GASKET KITS & COMPONENTS

		QTY
Gasket Kit Upper	6215-K1-9901	1
Gasket Kit Lower	6215-K2-9901	1
Gasket Cylinder Head	6210-17-1814	12
Gasket Valve Cover	6210-11-8811	12
Gasket Oil Pan	6215-21-5830	1
Gasket In Manifold	6210-11-4811	24
Gasket Ex Manifold	6210-11-5881	12
Gasket Rocker Lever Housing	6210-11-7830	12
Gasket Rocker Lever Housing	6210-77-7813	12
Seal Oil Cooler	07000-22021	24

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KOMATSU SA12V140-1 (Build 13A)

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6215-51-1100	1
Oil Pump	6215-51-1500	1
Core Oil Cooler	600-651-1610	2
Core Oil Cooler	6212-61-2112	2
Core Aftercooler	6212-61-6121	1
Gasket Oil Cooler Cover	6215-61-2810	1
Gasket Aftercooler	6215-15-4710	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105237-1690	1
Injector	6212-11-3202	12
Injector	6215-11-3202	12
Fuel Nozzle Injector	6215-11-3220	12
O-Ring	6210-11-7710	12
Seal Washer	07005-00812	24
Washer	6210-71-1140	12
Washer	6210-71-1160	12

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6215-61-1505	1
Water Pump Gasket Kit	6215-K6-9901	1
Shaft Water Pump	6215-61-1221	1
Impeller Water Pump	6215-61-1451	1
Thermostat	600-421-6630	3
Thermostat Seal	6162-13-6440	3
Thermostat Hsg Gasket	6215-11-6810	1
Thermostat Hsg Gasket	6215-11-6820	1

FILTERS	PART No	QTY
Filter Fuel	600-311-7111	1
Filter Oil	600-211-1231	2
Filter Oil Bypass	600-212-1511	1
Filter Water	600-411-1171	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6212.IFK-C	1
Out-Of-Frame Kit	KMP6212.OFK-C	1
Overhaul Kit	KMP6212.EOK-C	1

APPLICATIONS

D475A-2 S/No. 10201-Up
 WA800-2 S/No. 10001-Up
 WA800-3 S/No. 50001-Up
 WA900-1 S/No. 10001-Up
 WA900-1L S/No. A20001-A20007
 WA900-3 S/No. 50001-Up
 HD785-3 S/No. 2001-Up
 HD785-5 S/No. 4001-Up
 HD985-3 S/No. 1001-Up
 HD985-5 S/No. 1021-Up



Ring Set Piston



Piston Body C/W Clips

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KOMATSU SAA12V140-1 (Build 13B)

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6215-31-1101	1
Gear Crankshaft	6215-31-1140	1
Front Seal	6162-23-3510	1
Rear Seal	6216-24-9960	1
Wear Sleeve (Front)	6215-29-4320	1
Wear Sleeve (Rear)	6215-29-4220	1
Main & Thrust Metal Set STD	6215-21-8001	1
Main & Thrust Metal Set 0.25MM	6215-29-8070	1
Main & Thrust Metal Set 0.50MM	6215-28-8070	1
Main & Thrust Metal Set 0.75MM	6215-27-8070	1
Main & Thrust Metal Set 1.00MM	6215-26-8070	1
Thrust Metal STD	6215-21-8050	1
Thrust Metal 0.25MM	6215-29-8050	1
Thrust Metal 0.50MM	6215-28-8050	1
Thrust Metal 0.75MM	6215-27-8050	1
Thrust Metal 1.00MM	6215-26-8050	1

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6216-11-1200	12
Crosshead Guide	6210-11-1140	24
Lever Assy	6210-41-2320	24
Valve In	6216-44-4410	24
Valve Ex	6216-44-4420	24
Valve Collet	6136-41-4520	96
Valve Guide	6212-16-1440	48
Valve Insert In	6216-11-1330	24
Valve Insert Ex	6210-11-1321	24
Valve Spring In	6210-41-4440	48
Valve Spring Out	6210-41-4430	48
Seal Valve Stem	6212-41-4540	48
Retainer Valve Spring Upper	6210-41-4510	48
Retainer Valve Spring Lower	6210-41-4530	48
Push Rod	6210-41-3120	24
Capscrew Cyl Head	01438-01020	12
Capscrew Cyl Head	6210-11-1610	72

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod (RH)	6215-31-3100	6
Conrod (LH)	6215-31-3200	6
Bolt Conrod	6215-31-3310	24
Bushing Conrod	6211-31-3130	12
Metal Conrod STD	6215-31-3050	12
Metal Conrod 0.25MM	6215-39-3050	12
Metal Conrod 0.50MM	6215-38-3050	12
Metal Conrod 0.75MM	6215-37-3050	12
Metal Conrod 1.00MM	6215-36-3060	12

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6216-24-1160	1
Gear Camshaft (LH)	6210-41-1120	1
Gear Camshaft (RH)	6215-41-1130	1
Bush Camshaft	6210-21-1490	14
Camshaft C/W Gear (RH)	6215-41-1100	1
Camshaft C/W Gear (LH)	6215-41-1200	1
Nozzle Piston Cooling	6211-21-1900	12

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6212	12
Piston Body C/W Clips	6212-31-2170	1
Pin Piston	6211-31-2410	1
Ring Set Piston	6211-31-2050	1
Liner Seal Kit	KMP-SK-140	1
Liner	6211-22-2220	1
Piston Body C/W Clips	6212-31-2170	12
Piston, Clips, Pin & Rings	6216-34-2180	12
Pin Piston	6211-31-2410	12
Retainer Piston Pin	04065-05220	24
Ring Set Piston	6211-31-2050	12
Liner Seal Kit	KMP-SK-140	12
Liner	6211-22-2220	12
Liner & Seal Kit	6211-22-2220S	12

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6216-14-9990	1
Gasket Kit Lower	6216-24-9980	1
Gasket Cylinder Head	6210-17-1814	12
Gasket Valve Cover	6210-11-8811	12
Gasket Oil Pan	6215-21-5830	1
Gasket In Manifold	6210-11-4811	24
Gasket Ex Manifold	6210-11-5881	12

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KOMATSU SAA12V140-1 (Build 13B)

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6215-51-1500	1
Core Oil Cooler	6212-61-2112	1
Core Aftercooler	6212-61-6121	1
Gasket Oil Cooler Cover	6215-61-2810	1

FUEL SYSTEM	PART No	QTY
Injector	6216-14-1490	10
Injector	6216-14-3240	2

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6742-01-5145	1
Shaft Water Pump	6215-61-1221	1
Impeller Water Pump	6215-61-1451	1
Thermostat	600-421-6630	3
Thermostat Hsg Gasket	6215-11-6820	1

FILTERS	PART No	QTY
Filter Oil (Cartridge)	6216-54-5110	4
Filter Fuel Separator	600-311-3111	2
Filter Water	6742-01-4110	2

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6212.IFK-E	1
Out-Of-Frame Kit	KMP6212.OFK-E	1
Overhaul Kit	KMP6212.EOK-E	1

APPLICATIONS

WA800-2LC S/No. A20020-Up

WA800-3LC S/No. A50001-Up

WA900-1LC S/No. A20008-Up

WA900-3LC S/No. A50001-Up

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KOMATSU SDA12V140-1 (Build 13C)

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6215-31-1101	1
Gear Crankshaft	6215-31-1140	1
Key	04010-00725	2
Key	04010-00728	1
Front Seal	6162-23-3510	1
Rear Seal	6216-24-9960	1
Wear Sleeve (Front)	6215-29-4320	1
Wear Sleeve (Rear)	6215-29-4220	1
Main & Thrust Metal Set STD	6215-21-8001	1
Main & Thrust Metal Set 0.25MM	6215-29-8070	1
Main & Thrust Metal Set 0.50MM	6215-28-8070	1
Main & Thrust Metal Set 0.75MM	6215-27-8070	1
Main & Thrust Metal Set 1.00MM	6215-26-8070	1
Thrust Metal STD	6215-21-8050	1
Thrust Metal 0.25MM	6215-29-8050	1
Thrust Metal 0.50MM	6215-28-8050	1
Thrust Metal 0.75MM	6215-27-8050	1
Thrust Metal 1.00MM	6215-26-8050	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod (RH)	6215-31-3100	6
Conrod (LH)	6215-31-3200	6
Bolt Conrod	6215-31-3310	24
Bushing Conrod	6211-31-3130	12
Metal Conrod STD	6215-31-3050	12
Metal Conrod 0.25MM	6215-39-3050	12
Metal Conrod 0.50MM	6215-38-3050	12
Metal Conrod 0.75MM	6215-37-3050	12
Metal Conrod 1.00MM	6215-36-3050	12



Conrod & Metal Set

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP2033	12
Piston Body C/W Clips	6211-31-2120	1
Pin Piston	6211-31-2410	1
Ring Set Piston	6211-31-2050	1
Liner Seal Kit	KMP-SK-140	1
Liner	6211-22-2220	1
Cylinder Kit	KMP2130	12
Piston Body C/W Clips	6211-31-2130	1
Pin Piston	6211-31-2410	1
Ring Set Piston	6211-31-2050	1
Liner Seal Kit	KMP-SK-140	1
Liner	6211-22-2220	1
Cylinder Kit	KMP6211	12
Piston Body C/W Clips	6211-32-2130	1
Pin Piston	6211-31-2410	1
Ring Set Piston	6211-31-2050	1
Liner Seal Kit	KMP-SK-140	1
Liner	6211-22-2220	1
Piston Body C/W Clips	6211-31-2120	12
Piston Body C/W Clips	6211-32-2130	12
Pin Piston	6211-31-2410	12
Retainer Piston Pin	04065-05220	24
Ring Set Piston	6211-31-2050	12
Liner Seal Kit	KMP-SK-140	12
Liner	6211-22-2220	12
Liner & Seal Kit	6211-22-2220S	12

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6212-11-1103	12
Lever Assy	6210-41-2320	24
Valve In	6215-41-4110	24
Valve Ex	6215-41-4212	24
Valve Collet	6136-41-4520	96
Valve Guide	6212-16-1440	48
Valve Insert In	6216-11-1330	24
Valve Insert Ex	6210-11-1321	24
Valve Spring In	6210-41-4440	48
Valve Spring Out	6210-41-4430	48
Seal Valve Stem	6212-41-4540	48
Retainer Valve Spring Upper	6210-41-4510	48
Retainer Valve Spring Lower	6210-41-4530	48
Push Rod	6210-41-3120	24
Capscrew Cyl Head	01438-01020	12
Capscrew Cyl Head	6210-11-1610	72

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KOMATSU SDA12V140-1 (Build 13C)

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Idler Gear (LH)	6215-31-6120	1
Idler Gear (RH)	6215-31-6160	1
Cylinder Block	6215-21-1201	1
Gear Camshaft (LH)	6210-41-1120	1
Gear Camshaft (RH)	6215-41-1130	1
Bush Camshaft	6210-21-1490	14
Camshaft C/W Gear (RH)	6215-41-1100	1
Camshaft C/W Gear (LH)	6215-41-1200	1
Nozzle Piston Cooling	6211-21-1900	12

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6215-K1-9901	1
Gasket Kit Lower	6215-K2-9901	1
Gasket Cylinder Head	6210-17-1814	12
Gasket Valve Cover	6210-11-8811	12
Gasket Valve Cover	6210-11-8820	12
Gasket Oil Pan	6215-21-5830	1
Gasket In Manifold	6210-11-4811	24
Gasket Ex Manifold	6210-11-5881	12
Gasket Rocker Lever Housing	6210-11-7830	12
Gasket Cam Follower Cover	6215-21-6431	12

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6215-51-1500	1
Core Oil Cooler	600-651-1161	2
Core Oil Cooler	6212-61-2111	2
Core Oil Cooler	6212-61-2112	2
Core Aftercooler	3093793	1

FUEL SYSTEM	PART No	QTY
Injector	6215-11-3600	12
Fuel Nozzle Injector	6215-11-3620	12

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6215-61-1505	1
Water Pump Gasket Kit	6215-K6-9901	1
Shaft Water Pump	6211-61-1310	1
Impeller Water Pump	6211-61-1420	1
Seal Water Pump	6162-63-1514	1
Thermostat	600-421-6630	3
Thermostat Hsg Gasket	6215-11-6820	3
Thermostat Hsg Gasket	6215-11-6830	1

FILTERS	PART No	QTY
Air Filter Outer	6128-81-7321	1
Air Filter Assy	6128-81-7042	1
Filter Fuel	600-311-7132	2
Filter Oil	600-211-1231	4
Filter Oil Bypass	600-212-1511	4
Filter Fuel Separator	600-311-3111	2
Filter Water	600-411-1151	1
Filter Water	600-411-1171	2

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2033.IFK	1
In-Frame Kit	KMP2130.IFK	1
Out-Of-Frame Kit	KMP2033.OFK	1
Out-Of-Frame Kit	KMP2130.OFK	1
Overhaul Kit	KMP2033.EOK	1
Overhaul Kit	KMP2130.EOK	1

APPLICATIONS
D475A-3RP S/No. 10601-Up



Air Filter Assy

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KOMATSU SAA12V140ZE-2 (Build 13D)

CRANKSHAFT & RELATED PARTS

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6215-31-1101	1
Gear Crankshaft	6215-31-1140	1
Front Seal	6216-24-4130	1
Rear Seal	6216-24-9960	1
Wear Sleeve (Rear)	6215-29-4220	1
Main & Thrust Metal Set STD	6215-21-8001	1
Main & Thrust Metal Set 0.25MM	6215-29-8070	1
Main & Thrust Metal Set 0.50MM	6215-28-8070	1
Main & Thrust Metal Set 0.75MM	6215-27-8070	1
Main & Thrust Metal Set 1.00MM	6215-26-8070	1
Thrust Metal STD	6215-21-8050	1
Thrust Metal 0.25MM	6215-29-8050	1
Thrust Metal 0.50MM	6215-28-8050	1
Thrust Metal 0.75MM	6215-27-8050	1
Thrust Metal 1.00MM	6215-26-8050	1

CONNECTING ROD & RELATED PARTS

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod (RH)	6215-31-3100	6
Conrod (LH)	6215-31-3200	6
Bolt Conrod	6215-31-3310	24
Nut Conrod	6211-71-9770	24
Bushing Conrod	6211-31-3130	12
Metal Conrod STD	6215-31-3050	12
Metal Conrod 0.25MM	6215-39-3050	12
Metal Conrod 0.50MM	6215-38-3050	12
Metal Conrod 0.75MM	6215-37-3050	12
Metal Conrod 1.00MM	6215-36-3060	12

CYLINDER KIT & COMPONENTS

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6216	12
Piston Body C/W Clips	6216-34-2160	1
Pin Piston	6211-31-2410	1
Ring Set Piston	6216-34-2990	1
Liner Seal Kit	KMP-SK-140	1
Liner	6211-22-2220	1
Piston Body C/W Clips	6216-34-2160	12
Pin Piston	6211-31-2410	12
Retainer Piston Pin	04065-05220	24
Ring Set Piston	6211-31-2050	12
Ring Set Piston	6216-34-2990	12
Liner Seal Kit	KMP-SK-140	12
Liner	6211-22-2220	12
Liner & Seal Kit	6216-24-2280	12

CYLINDER HEAD & COMPONENTS

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6216-11-1200	12
Valve In	6216-44-4410	24
Valve Ex	6216-44-4420	24
Valve Collet	6136-41-4520	96
Valve Guide	6212-16-1440	48
Valve Insert In	6216-11-1330	24
Valve Insert Ex	6210-11-1321	24
Valve Spring In	6210-41-4440	48
Valve Spring Out	6210-41-4430	48
Seal Valve Stem	6212-41-4540	48
Retainer Valve Spring Upper	6210-41-4510	48
Retainer Valve Spring Lower	6210-41-4530	48
Capscrew Cyl Head	01438-01020	12
Capscrew Cyl Head	6210-11-1610	72

CYLINDER BLOCK & COMPONENTS

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6216-24-1160	1
Gear Camshaft (LH)	6210-41-1120	1
Gear Camshaft (RH)	6215-41-1130	1
Bush Camshaft	6210-21-1490	14
Camshaft W/O Gear (RH)	6215-41-1110	1
Camshaft W/O Gear (LH)	6215-41-1210	1
Nozzle Piston Cooling	6211-21-1900	12

GASKET KITS & COMPONENTS

GASKET KITS & COMPONENTS		PART No	QTY
Gasket Kit Upper		6216-14-9990	1
Gasket Kit Lower		6216-24-9980	1
Gasket Cylinder Head		6210-17-1814	12
Gasket Valve Cover		6210-11-8820	12
Gasket Oil Pan		6215-21-5830	1
Gasket In Manifold		6210-11-4811	24
Gasket Ex Manifold		6210-11-5881	12



Retainer Valve Spring Lower

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KOMATSU SAA12V140ZE-2 (Build 13D)

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6215-51-1500	1
Core Oil Cooler	6212-61-2112	2

FUEL SYSTEM	PART No	QTY
Injector	6216-14-1480	12

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6742-01-5145	1
Shaft Water Pump	6215-61-1221	1
Impeller Water Pump	6215-61-1451	1
Thermostat	600-421-6630	3
Thermostat Hsg Gasket	6215-11-6830	1

FILTERS	PART No	QTY
Filter Oil (Cartridge)	6216-54-5110	4
Filter Fuel Separator	600-311-3111	2
Filter Water	6742-01-4110	2

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6216.IFK	1
Out-Of-Frame Kit	KMP6216.OFK	1
Overhaul Kit	KMP6216.EOK	1

APPLICATIONS

HD785-5LC S/No. A10224-Up

KOMATSU SAA12V140E-3 (Build 13E)

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft C/W Gear	6215-31-1101	1
Crankshaft C/W Gear	6219-31-1100	1
Gear Crankshaft	6215-31-1140	1
Key	04010-00725	2
Key	04010-00728	1
Front Seal	6245-21-3121	1
Rear Seal	6219-21-4261	1
Main & Thrust Metal Set STD	6215-21-8001	1
Main & Thrust Metal Set 0.25MM	6215-29-8070	1
Main & Thrust Metal Set 0.50MM	6215-28-8070	1
Main & Thrust Metal Set 0.75MM	6215-27-8070	1
Main & Thrust Metal Set 1.00MM	6215-26-8070	1
Thrust Metal STD	6215-21-8050	1
Thrust Metal 0.25MM	6215-29-8050	1
Thrust Metal 0.50MM	6215-28-8050	1
Thrust Metal 0.75MM	6215-27-8050	1
Thrust Metal 1.00MM	6215-26-8050	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod (RH)	6219-31-3100	6
Conrod (LH)	6219-31-3200	6
Bolt Conrod	6215-31-3310	48
Bushing Conrod	6261-31-3130	12
Metal Conrod STD	6215-31-3050	12
Metal Conrod 0.25MM	6215-39-3050	12
Metal Conrod 0.50MM	6215-38-3050	12
Metal Conrod 0.75MM	6215-37-3050	12
Metal Conrod 1.00MM	6215-36-3060	12

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP6219	12
Piston Body C/W Clips	6219-31-2110	1
Pin Piston	6211-31-2410	1
Ring Set Piston	6261-31-2030	1
Liner Seal Kit	KMP-SK-140	1
Liner	6211-22-2220	1
Piston Body C/W Clips	6219-31-2110	12
Piston, Pin & Clips	6219-31-2110WP	12
Pin Piston	6211-31-2410	12
Ring Set Piston	6261-31-2030	12
Liner Seal Kit	KMP-SK-140	12
Liner	6211-22-2220	12
Liner & Seal Kit	6211-22-2220S	12

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Loaded)	6219-11-1100	12
Crosshead Guide	6210-11-1140	24
Crosshead Assy	6210-41-5620	24
Lever Assy	6210-41-2320	24
Ball	6150-81-8420	24
Valve In	6217-41-4110	24
Valve Ex	6215-41-4220	24
Valve Collet	6136-41-4520	96
Valve Guide	6217-16-1440	48
Valve Insert In	6216-11-1330	24
Valve Insert Ex	6217-11-1321	24
Valve Spring In	6210-41-4440	48
Valve Spring Out	6210-41-4430	48
Seal Valve Stem	6217-41-4540	48
Retainer Valve Spring Upper	6210-41-4510	48
Retainer Valve Spring Lower	6217-41-4531	48
Rocker Arm In	6261-41-5040	12
Rocker Arm Ex	6261-41-5050	12
Push Rod	6210-41-3120	24
Capscrew Cyl Head	01438-01020	12
Capscrew Cyl Head	6217-11-1610	36
Capscrew Cyl Head	6217-11-1620	36

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Idle Gear (LH)	6215-31-6120	1
Idle Gear (RH)	6215-31-6160	1
Cam Support (Thrust Plate)	6210-41-1131	2
Gear Camshaft (LH)	6210-41-1120	1
Gear Camshaft (RH)	6215-41-1130	1
Bush Camshaft	6210-21-1490	14
Camshaft C/W Gear (RH)	6215-41-1100	1
Camshaft C/W Gear (LH)	6215-41-1200	1

GASKET KITS & COMPONENTS

	PART No	QTY
Gasket Kit Upper	6219-K1-1300	1
Gasket Kit Lower	6219-K2-1300	1
Gasket Cylinder Head	6210-17-1814	12
Gasket Valve Cover	6217-11-8830	12
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6211-11-4821	4
Gasket Flywheel	6215-21-4810	1
Gasket Cam Follower Cover	6215-21-6431	12
Gasket	07005-01412	A/R
Gasket	6164-62-8241	A/R

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KOMATSU SAA12V140E-3 (Build 13E)

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6219-51-1000	1
Core Oil Cooler	600-651-1610	2
Gasket Oil Cooler Cover	6215-61-2810	2

FUEL SYSTEM	PART No	QTY
Injector	6219-11-3100	12
Seal Injector	6219-71-1150	24
Seal Injector	6219-71-1160	12
Washer	6261-71-6150	12

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6215-61-1503	1
Water Pump Assy	6215-61-1505	1
Water Pump Gasket Kit	6219-K6-1200	1
Shaft Water Pump	6215-61-1221	1
Impeller Water Pump	6215-61-1451	1
Seal Water Pump	6150-61-1510	1
Seal Water Pump	6162-63-1514	1
Thermostat	600-421-6630	3
Thermostat Seal	6162-13-6440	3
Thermostat Hsg Gasket	6215-11-6810	1
Thermostat Hsg Gasket	6215-11-6820	1

FILTERS	PART No	QTY
Air Filter Inner	600-185-6120	1
Air Filter Outer	600-185-6110	1
Air Filter Assy	600-185-6100	2
Filter Fuel	600-311-3400	2
Filter Fuel	600-319-3550	4
Filter Oil	600-211-1340	4
Filter Fuel Separator	600-311-4510	2
Filter Water	600-411-1171	2

ENGINE KITS	PART No	QTY
In Frame Kit	KMP6219.IFK	1
Out-Of-Frame Kit	KMP6219.OFK	1
Overhaul Kit	KMP6219.EOK	1

APPLICATIONS

HD785-7

PC2000

WA900



Seal Injector



Fuel Injector Washer

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KOMATSU S4D155-4 (Build 14)

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6124-31-1011	1
Timing Gear Crankshaft	6127-31-1120	1
Timing Gear Key	04000-01540	1
Front Seal	6127-21-3510	1
Rear Seal	6128-21-4230	1
Wear Sleeve (Front)	6127-31-1190	1
Wear Sleeve (Rear)	6127-31-1293	1
Main Metal Assy STD	6125-21-8071	1
Main Metal Assy 0.25MM	6125-29-8071	1
Main Metal Assy 0.50MM	6125-28-8071	1
Main Metal Assy 0.75MM	6125-27-8071	1
Main Metal Assy 1.00MM	6125-26-8071	1
Thrust Metal STD	6127-21-8051	1
Thrust Metal 0.25MM	6127-29-8051	1
Thrust Metal 0.50MM	6127-28-8051	1
Thrust Metal 0.75MM	6127-27-8051	1
Thrust Metal 1.00MM	6127-26-8051	1
Main & Thrust Metal Set STD	6125-21-8001	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6127-31-3101	4
Bolt Conrod	6127-31-3314	8
Nut Conrod	6127-31-3321	8
Bushing Conrod	6127-31-3131	8
Metal Conrod STD	6127-31-3042	4
Metal Conrod 0.25MM	6127-39-3042	4
Metal Conrod 0.50MM	6127-38-3042	4
Metal Conrod 0.75MM	6127-37-3042	4
Metal Conrod 1.00MM	6127-36-3042	4

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6127	4
Piston Body C/W Clips	6127-31-2140	1
Pin Piston	6127-31-2410	1
Ring Set Piston	6128-31-2070	1
Liner Seal Kit	KMP-SK-155	1
Liner	6128-21-2216	1
Piston Body C/W Clips	6127-31-2140	4
Piston, Pin & Clips	6127-31-2030	4
Pin Piston	6127-31-2410	4
Retainer Piston Pin	6120-31-2120	8
Ring Set Piston	6128-31-2070	4
Liner Seal Kit	KMP-SK-155	4
Liner	6128-21-2216	4
Liner & Seal Kit	6128-21-2222S	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6128-11-1022	2
Sleeve Injector	6128-11-1130	4
Tappet	6127-41-2150	8
Valve In	6127-41-4113	8
Valve Ex	6127-41-4214	8
Valve Collet	6127-41-4522	32
Valve Guide	6127-11-1341	16
Valve Insert In	6127-11-1335	8
Valve Insert In 0.25MM	6127-19-1335	8
Valve Insert Ex	6127-11-1325	8
Valve Insert Ex 0.25MM	6127-19-1325	8
Valve Spring	6127-41-4410	16
Seal Valve Stem	6127-41-4541	32
Retainer Valve Spring Upper	6127-41-4510	16
Retainer Valve Spring Lower	6127-41-4530	16
Push Rod	6127-41-3113	8
Capscrew Cyl Head	6127-11-1612	20

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6124-21-1013	1
Gear Camshaft	6127-41-1121	1
Bush Camshaft	6127-21-1490	5
Camshaft C/W Gear	6125-41-1301	1
Nozzle Piston Cooling	6127-21-1082	3
Nozzle Piston Cooling	6127-21-1092	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6125-09-1100	1
Gasket Kit Upper	6125-09-1101	1
Gasket Kit Lower	6125-09-1200	1
Gasket Cylinder Head	6127-11-1087	2
Gasket Valve Cover	6127-11-8812	2
Gasket Oil Pan	6124-21-5810	1
Gasket In Manifold	6127-11-4822	2
Gasket Ex Manifold	6127-11-5810	2
Grommet (Pkg 10)	6127-11-1830	1
Grommet	6127-11-1841	8
Retainer	6127-11-1851	8
Gasket	6127-81-2810	A/R

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KOMATSU S4D155-4 (Build 14)

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6128-52-1005	1
Core Oil Cooler	600-651-1151	1
Core Oil Cooler	600-651-1180	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105217-1200	1
Fuel Feed Pump	DK105217-1270	1
Injector	6127-11-3103	4
Injector	6128-11-3100	4
Fuel Nozzle Injector	6127-11-3132	4
Fuel Nozzle Injector	6127-11-3133	4
Seal Washer	07005-00812	8

COOLING SYSTEM	PART No	QTY
Ball Bearing	06000-06207	1
Water Pump Assy	6124-61-1004	1
Shaft Water Pump	6124-61-1312	1
Impeller Water Pump	6124-61-1333	1
Seal Water Pump	6211-61-1530	1
Thermostat	600-421-6630	1
Thermostat Hsg Gasket	6127-11-6431	1

FILTERS	PART No	QTY
Filter Fuel	6110-70-6202	1
Filter Oil	154-19-12130	2
Filter Oil	6120-50-5103	2
Filter Oil Bypass	6610-51-5050	1
Filter Water	600-411-1151	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6127.IFK-4A	1
Out-Of-Frame Kit	KMP6127.OFK-4A	1
Overhaul Kit	KMP6127.EOK-4A	1

APPLICATIONS

D95S-1 S/No.1003-1999

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KOMATSU S6D155-4 (Build 14A)

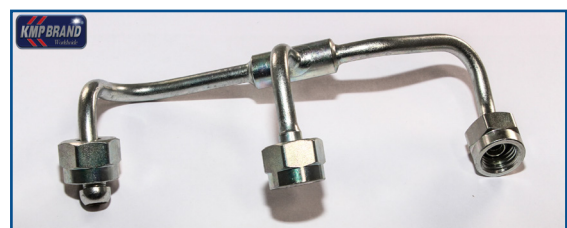
CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear & Sleeves	6127-31-1012	1
Timing Gear Crankshaft	6127-31-1120	1
Timing Gear Key	04000-01540	1
Front Seal	6127-21-3510	1
Rear Seal	6128-21-4230	1
Wear Sleeve (Front)	6127-31-1190	1
Wear Sleeve (Rear)	6127-31-1293	1
Main Metal Assy STD	6127-21-8071	1
Main Metal Assy 0.25MM	6127-29-8071	1
Main Metal Assy 0.50MM	6127-28-8071	1
Main Metal Assy 0.75MM	6127-27-8071	1
Main Metal Assy 1.00MM	6127-26-8071	1
Thrust Metal STD	6127-21-8051	1
Thrust Metal 0.25MM	6127-29-8051	1
Thrust Metal 0.50MM	6127-28-8051	1
Thrust Metal 0.75MM	6127-27-8051	1
Thrust Metal 1.00MM	6127-26-8051	1
Main & Thrust Metal Set STD	6127-21-8002	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6127-31-3101	6
Bolt Conrod	6127-31-3314	12
Nut Conrod	6127-31-3321	12
Bushing Conrod	6127-31-3131	12
Metal Conrod STD	6127-31-3042	6
Metal Conrod 0.25MM	6127-39-3042	6
Metal Conrod 0.50MM	6127-38-3042	6
Metal Conrod 0.75MM	6127-37-3042	6
Metal Conrod 1.00MM	6127-36-3042	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6127	6
Piston Body C/W Clips	6127-31-2140	1
Pin Piston	6127-31-2410	1
Ring Set Piston	6128-31-2070	1
Liner Seal Kit	KMP-SK-155	1
Liner	6128-21-2216	1
Piston Body C/W Clips	6127-31-2140	6
Piston, Pin & Clips	6127-31-2030	6
Pin Piston	6127-31-2410	6
Retainer Piston Pin	6120-31-2120	12
Ring Set Piston (6 Pcs)	6128-31-2060	1
Ring Set Piston	6128-31-2070	6
Liner Seal Kit	KMP-SK-155	6
Liner	6128-21-2216	6
Liner & Seal Kit	6128-21-2216S	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6128-11-1022	3
Sleeve Injector	6128-11-1130	6
Tappet	6127-41-2150	12
Crosshead Assy	6127-41-5614	12
Valve In	6127-41-4113	12
Valve Ex	6127-41-4214	12
Valve Collet	6127-41-4522	48
Valve Guide	6127-11-1341	24
Valve Insert In	6127-11-1335	12
Valve Insert In 0.25MM	6127-19-1335	12
Valve Insert Ex	6127-11-1325	12
Valve Insert Ex 0.25MM	6127-19-1325	12
Valve Spring	6127-41-4410	24
Seal Valve Stem	6127-41-4541	12
Retainer Valve Spring Upper	6127-41-4510	24
Retainer Valve Spring Lower	6127-41-4530	24
Push Rod	6127-41-3113	12
Washer	01658-22016	1
Capscrew Cyl Head	6127-11-1612	30

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6127-21-1017	1
Cylinder Block	6127-21-1108	1
Camshaft Lube Pipe	6127-51-7112	2
Camshaft Lube Pipe	6127-51-7121	1
Camshaft Lube Pipe	6127-51-7142	2
Camshaft Lube Pipe	6127-51-7232	1
Gear Camshaft	6127-41-1121	1
Bush Camshaft	6127-21-1490	7
Camshaft W/O Gear	6127-41-1103	1
Nozzle Piston Cooling	6127-21-1082	3
Nozzle Piston Cooling	6127-21-1092	3
Nozzle Piston Cooling	6127-21-1851	3
Nozzle Piston Cooling	6128-21-1070	1



Camshaft Lube Pipe

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KOMATSU S6D155-4 (Build 14A)

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6128-K1-9901	1
Gasket Kit Lower	6128-K2-9901	1
Gasket Cylinder Head	6127-11-1087	3
Gasket Valve Cover	6127-11-8812	3
Gasket Oil Pan	6127-21-5851	1
Gasket In Manifold	6127-11-4822	3
Gasket Ex Manifold	6127-11-5810	6
Grommet (Pkg 10)	6127-11-1830	1
Grommet	6127-11-1841	8
Retainer	6127-11-1851	8
Gasket	6124-61-1161	A/R
Gasket	6127-61-2420	A/R
Gasket	6127-61-2851	A/R
Gasket	6127-61-6811	A/R
Gasket	6127-61-6851	A/R
Gasket	6127-81-2810	A/R
Gasket	6128-11-4721	A/R
Gasket	6128-11-4731	A/R
Gasket (Non-Asbestos)	6128-21-3231	A/R
Gasket	6128-21-3811	A/R

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6128-52-1005	1
Oil Pump C/W Gear & Valve	6128-52-1013	1
Core Oil Cooler	195-03-19130	2
Core Oil Cooler	195-03-19140	2
Core Oil Cooler	600-651-1161	2

FUEL SYSTEM	PART No	QTY
Bushing	6610-71-7120	1
Fuel Feed Pump	DK105207-1102	1
Fuel Feed Pump	DK105217-1270	1
Fuel Line 01	6127-71-5171	1
Fuel Line 02	6127-71-5123	1
Fuel Line 03	6127-71-5133	1
Fuel Line 04	6127-71-5143	1
Fuel Line 05	6127-71-5181	1
Fuel Line 06	6127-71-5191	1
Injector	6128-11-3100	6
Fuel Nozzle Injector	6127-11-3133	6

COOLING SYSTEM	PART No	QTY
Ball Bearing	06000-06207	1
Water Pump Assy	6124-61-1004	1
Water Pump Assy	6127-61-1008	1
Water Pump Gasket Kit	6128-K6-9901	1
Shaft Water Pump	6124-61-1312	1
Shaft Water Pump	6127-61-1313	1
Impeller Water Pump	6124-61-1333	1
Impeller Water Pump	6127-61-1332	1
Seal Water Pump	07012-20042	1
Seal Water Pump	6127-61-1320	1
Seal Water Pump	6127-61-1516	1
Seal Water Pump	6211-61-1530	1
Thermostat	600-421-6630	1
Thermostat Hsg Gasket	6127-11-6431	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8321	2
Filter Fuel	6110-70-6202	1
Filter Fuel	6127-71-6090	2
Filter Oil	600-211-1231	2
Filter Oil	6120-50-5103	3
Filter Oil	6127-51-5040	3
Filter Oil Bypass	6610-51-5050	1
Precleaner	600-181-5710	1
Valve Shut Off	6710-61-8411	2

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6127.IFK-6	1
Out-Of-Frame Kit	KMP6127.OFK-6	1
Overhaul Kit	KMP6127.EOK-6	1

APPLICATIONS

D150A-1 S/No. 5508-Up
D155A-1 S/No. 5508-Up
D155W-1 S/No. 12128-Up
D155A-2 S/No. 50001-Up
D155S-1 S/No. 1001-Up
D355A-3 S/No. 1010-Up

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KOMATSU SA6D155-4 (Build 14B)

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear & Sleeves	6127-31-1012	1
Timing Gear Crankshaft	6127-31-1120	1
Timing Gear Key	04000-01540	1
Front Seal	6127-21-3510	1
Rear Seal	6128-21-4230	1
Wear Sleeve (Front)	6127-31-1190	1
Wear Sleeve (Rear)	6127-31-1293	1
Main Metal Assy STD	6127-21-8071	1
Main Metal Assy 0.25MM	6127-29-8071	1
Main Metal Assy 0.50MM	6127-28-8071	1
Main Metal Assy 0.75MM	6127-27-8071	1
Main Metal Assy 1.00MM	6127-26-8071	1
Thrust Metal STD	6127-21-8051	1
Thrust Metal 0.25MM	6127-29-8051	1
Thrust Metal 0.50MM	6127-28-8051	1
Thrust Metal 0.75MM	6127-27-8051	1
Thrust Metal 1.00MM	6127-26-8051	1
Main & Thrust Metal Set STD	6127-21-8002	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6127-31-3101	6
Bolt Conrod	6127-31-3314	12
Nut Conrod	6127-31-3321	12
Bushing Conrod	6127-31-3131	12
Metal Conrod STD	6127-31-3042	6
Metal Conrod 0.25MM	6127-39-3042	6
Metal Conrod 0.50MM	6127-38-3042	6
Metal Conrod 0.75MM	6127-37-3042	6
Metal Conrod 1.00MM	6127-36-3042	6



Main Metal Assy STD

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6128	6
Piston Body C/W Clips	6128-31-2140	1
Pin Piston	6127-31-2410	1
Ring Set Piston	6128-31-2070	1
Liner Seal Kit	KMP-SK-155	1
Liner	6128-21-2216	1
Cylinder Kit	KMP6128E	6
Piston Body C/W Clips	6128-31-2140	1
Pin Piston	6127-31-2410	1
Ring Set Piston	6128-31-2070E	1
Liner Seal Kit	KMP-SK-155	1
Liner	6128-21-2216	1
Piston Body C/W Clips	6128-31-2140	6
Piston, Pin & Clips	6128-31-2050	6
Pin Piston	6127-31-2410	6
Retainer Piston Pin	6120-31-2120	12
Ring Set Piston	6128-31-2070	6
Liner Seal Kit	KMP-SK-155	6
Liner	6128-21-2222	6
Liner & Seal Kit	6128-21-2222S	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6128-11-1022	3
Sleeve Injector	6128-11-1130	6
Tappet	6127-41-2150	12
Crosshead Assy	6127-41-5614	12
Valve In	6127-41-4113	12
Valve Ex	6127-41-4214	12
Valve Collet	6127-41-4522	48
Valve Guide	6127-11-1341	24
Valve Insert In	6127-11-1335	12
Valve Insert In 0.25MM	6127-19-1335	12
Valve Insert Ex	6127-11-1325	12
Valve Insert Ex 0.25MM	6127-19-1325	12
Valve Spring	6127-41-4410	24
Seal Valve Stem	6127-41-4541	12
Retainer Valve Spring Upper	6127-41-4510	24
Retainer Valve Spring Lower	6127-41-4530	24
Push Rod	6127-41-3113	12
Washer	01658-22016	30
Capscrew Cyl Head	6127-11-1612	30

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KOMATSU SA6D155-4 (Build 14B)

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6127-21-1108	1
Camshaft Lube Pipe	6127-51-7112	2
Camshaft Lube Pipe	6127-51-7121	1
Camshaft Lube Pipe	6127-51-7142	2
Camshaft Lube Pipe	6127-51-7232	1
Gear Camshaft	6127-41-1121	1
Bush Camshaft	6127-21-1490	7
Camshaft W/O Gear	6127-41-1103	1
Nozzle Piston Cooling	6127-21-1851	6
Fuel Nozzle Injector	6128-21-1070	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105217-1270	1
Fuel Feed Pump	DK105237-1700	1
Strainer	195-04-11150	1
Fuel Line 01	6127-71-5171	1
Fuel Line 02	6127-71-5123	1
Fuel Line 03	6127-71-5133	1
Fuel Line 04	6127-71-5143	1
Fuel Line 05	6127-71-5181	1
Fuel Line 06	6127-71-5191	1
Injector	6128-11-3100	6
Fuel Nozzle Injector	6127-11-3133	6

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6128-K1-9901	1
Gasket Kit Lower	6128-K2-9901	1
Gasket Cylinder Head	6127-11-1087	3
Gasket Valve Cover	6127-11-8812	3
Gasket Oil Pan	6127-21-5851	1
Gasket In Manifold	6127-11-4822	3
Gasket Ex Manifold	6127-11-5810	6
Grommet (Pkg 10)	6127-11-1830	1
Grommet	6127-11-1841	8
Retainer	6127-11-1851	8
Gasket	6124-61-1161	A/R
Gasket	6127-61-2851	A/R
Gasket	6127-61-6811	A/R
Gasket	6127-61-6851	A/R
Gasket	6127-81-2810	A/R
Gasket	6128-11-4721	A/R
Gasket	6128-11-4731	A/R
Gasket (Non-Asbestos)	6128-21-3231	A/R
Gasket	6128-21-3811	A/R

COOLING SYSTEM	PART No	QTY
Ball Bearing	06000-06207	1
Water Pump Assy	6127-61-1008	1
Water Pump Gasket Kit	6128-K6-2203	1
Shaft Water Pump	6127-61-1313	1
Impeller Water Pump	6127-61-1332	1
Seal Water Pump	07012-20042	1
Seal Water Pump	6127-61-1320	1
Seal Water Pump	6127-61-1516	1
Thermostat	600-421-6630	1
Thermostat Hsg Gasket	6127-11-6431	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8321	2
Filter Oil	600-211-1231	2
Filter Oil	6127-51-5040	3
Filter Water	600-411-1151	2

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump C/W Gear & Valve	6128-52-1013	1
Core Oil Cooler	195-03-19130	2
Core Oil Cooler	195-03-19140	2
Core Oil Cooler	600-651-1161	1
Core Aftercooler	6128-61-6100	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6128.IFK	1
Out-Of-Frame Kit	KMP6128.OFK	1
Overhaul Kit	KMP6128.EOK	1

APPLICATIONS
D355A-3 S/No. 1010-Up
D355A-5 S/No. 12622-Up

KOMATSU S6D170-1 (Build 15A)

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft C/W Gear	6162-33-1202	1
Gear Crankshaft	6162-33-1411	1
Pin Dowel	04020-01024	1
Key	04010-00728	1
Front Seal	6162-23-3510	1
Rear Seal (Dry)	6162-23-4231	1
Rear Seal (Wet)	6162-23-4251	1
Wear Sleeve (Front)	6215-29-4320	1
Wear Sleeve (Rear)	6162-29-4300	1
Main Metal Assy STD	6162-23-8010	7
Main Metal Assy STD (Set)	6162-23-8010S	1
Main Metal Assy 0.25MM	6162-29-8010	7
Main Metal Assy 0.25MM (Set)	6162-29-8010S	1
Main Metal Assy 0.50MM	6162-28-8010	7
Main Metal Assy 0.50MM (Set)	6162-28-8010S	1
Main Metal Assy 0.75MM	6162-27-8010	7
Main Metal Assy 1.00MM	6162-26-8010	7
Thrust Metal STD	6162-23-8050	1
Thrust Metal 0.25MM	6162-29-8050	1
Thrust Metal 0.50MM	6162-28-8050	1
Thrust Metal 0.75MM	6162-27-8050	1
Thrust Metal 1.00MM	6162-26-8050	1
Main & Thrust Metal Set STD	51Z3180278	1
Main & Thrust Metal Set STD	6162-23-8000	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6162-33-3101	6
Bolt Conrod	6162-33-3310	12
Bushing Conrod	6162-33-3131	6
Metal Conrod STD	6162-33-3041	6
Metal Conrod 0.25MM	6162-39-3041	6
Metal Conrod 0.50MM	6162-38-3041	6
Metal Conrod 0.75MM	6162-37-3041	6
Metal Conrod 1.00MM	6162-36-3041	6



Strainer

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP2060	6
Piston Body C/W Clips	6162-33-2120	1
Pin Piston	6162-33-2410	1
Ring Set Piston	6162-33-2060	1
Liner Seal Kit	KMP-SK-170	1
Liner	6162-25-2210	1
Piston Body C/W Clips	6162-33-2120	6
Pin Piston	6162-33-2410	6
Retainer Piston Pin	6162-33-2420	12
Ring Set Piston	51Z3100509	6
Ring Set Piston	6162-33-2060	6
Liner Seal Kit	KMP-SK-170	6
Liner	6162-25-2210	6
Liner & Seal Kit	6162-25-2210S	6

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6162-13-1103	6
Sleeve Injector	6162-13-1130	6
Valve In	6162-43-4111	12
Valve Ex	6164-41-4211	12
Valve Collet	6162-42-4520	48
Valve Guide	6162-16-1341	24
Valve Insert In	6162-15-1370	12
Valve Insert Ex	6162-13-1322	12
Valve Spring In	6162-43-4420	24
Valve Spring Out	6162-43-4440	24
Retainer Valve Spring Upper	6162-43-4510	24
Retainer Valve Spring Lower	6162-43-4430	24
Push Rod	6162-43-3101	12
Capscrew Cyl Head	6162-13-1610	1

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Cylinder Block	6162-23-1103	1
Gear Camshaft	6162-43-1121	1
Bush Camshaft	6162-23-1490	7
Camshaft C/W Gear	6162-43-1101	1
Camshaft C/W Gear	6162-45-1100	1
Nozzle Piston Cooling	6161-21-1840	6

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KOMATSU S6D170-1 (Build 15A)

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6162-K1-9901	1
Gasket Kit Lower	6162-K2-0901	1
Gasket Kit Lower	6162-K2-9901	1
Gasket Cylinder Head	6162-13-1812	6
Gasket Cylinder Head	6162-19-1812	6
Gasket Valve Cover	6162-13-8812	6
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6162-13-4812	6
Gasket Ex Manifold	6162-13-5810	6
Gasket (Non-Asbestos)	6127-21-4815	1
Gasket Rocker Lever Housing	6162-13-7813	6
Gasket	6127-61-2420	A/R

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6162-53-1012	1
Core Oil Cooler	600-651-1350	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105207-1161	1
Fuel Feed Pump	DK105207-1350	1
Fuel Feed Pump	DK105207-1550	1
Fuel Feed Pump	DK105237-1541	1
Fuel Feed Pump (Cold Spec.)	DK105237-1621	1
Strainer	195-04-11150	1
Injector	6162-13-3303	6
Injector	6162-13-3702	6
Injector	6162-14-3701	6
Fuel Nozzle Injector	6162-13-3320	6
Fuel Nozzle Injector	6162-13-3720	6
Fuel Nozzle Injector	6165-11-3320	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6162-63-1016	1
Water Pump Gasket Kit	6162-K6-4003	1
Shaft Water Pump	6162-63-1301	1
Impeller Water Pump	6162-63-1353	1
Thermostat	600-421-6630	2
Thermostat Hsg Gasket	6162-13-6431	1

FILTERS	PART No	QTY
Filter Fuel (Cold Spec.)	600-311-8283	2
Filter Fuel	600-311-8321	2
Filter Oil	600-211-1231	2
Filter Oil	600-211-1291	2
Filter Water	600-411-1171	1
Filter Water (Cold Spec.)	600-411-1591	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2060.IFK	1
Out-Of-Frame Kit	KMP2060.OFK-A	1
Out-Of-Frame Kit	KMP2060.OFK-B	1
Overhaul Kit	KMP2060.EOK-A	1
Overhaul Kit	KMP2060.EOK-B	1

APPLICATIONS

D275A-2 S/No. 10001-Up
 PC650-1 S/No. 10007-Up
 WA600-1 S/No. 10001-Up
 WA600-1 S/No. A10081-Up
 WA600-1L S/No. A10391-Up
 WA600-1 S/No. A10081-Up



Gasket Kit Upper

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KOMATSU S6D170E/SA6D170E/SAA6D170E-2 (Build 15B)

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft C/W Gear	6162-33-1202	1
Gear Crankshaft	6162-33-1411	1
Front Seal	6162-23-3510	1
Rear Seal (Dry)	6162-23-4231	1
Rear Seal (Wet)	6162-23-4251	1
Wear Sleeve (Front)	6215-29-4320	1
Wear Sleeve (Rear)	6162-29-4300	1
Main Metal Assy STD	6162-23-8010	7
Main Metal Assy STD (Set)	6162-23-8010S	1
Main Metal Assy 0.25MM	6162-29-8010	7
Main Metal Assy 0.25MM (Set)	6162-29-8010S	1
Main Metal Assy 0.50MM	6162-28-8010	7
Main Metal Assy 0.50MM (Set)	6162-28-8010S	1
Main Metal Assy 0.75MM	6162-27-8010	7
Main Metal Assy 1.00MM	6162-26-8010	7
Thrust Metal STD	6162-23-8050	1
Thrust Metal 0.25MM	6162-29-8050	1
Thrust Metal 0.50MM	6162-28-8050	1
Thrust Metal 0.75MM	6162-27-8050	1
Thrust Metal 1.00MM	6162-26-8050	1
Main & Thrust Metal Set STD	51Z3180278	1
Main & Thrust Metal Set STD	6162-23-8000	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6162-33-3101	6
Bolt Conrod	6162-33-3310	12
Bushing Conrod	6162-33-3131	6
Metal Conrod STD	6162-33-3041	6
Metal Conrod 0.25MM	6162-39-3041	6
Metal Conrod 0.50MM	6162-38-3041	6
Metal Conrod 0.75MM	6162-37-3041	6
Metal Conrod 1.00MM	6162-36-3041	6

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP2420	6
Piston Body C/W Clips	6162-35-2120	1
Pin Piston	6161-31-2410	1
Ring Set Piston	6162-33-2060	1
Liner Seal Kit	KMP-SK-170	1
Liner	6162-25-2210	1
Piston Body C/W Clips	6162-35-2120	6
Piston, Pin & Clips	6162-35-2120WP	6
Pin Piston	6162-33-2410	6
Retainer Piston Pin	6162-33-2420	12
Ring Set Piston	51Z3100509	6
Ring Set Piston	6162-33-2060	6
Liner Seal Kit	KMP-SK-170	6
Liner	6162-25-2210	6
Liner & Seal Kit	6162-25-2210S	6

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6162-15-1100	6
Sleeve Injector	6162-13-1130	6
Valve In	6162-43-4111	12
Valve In	6162-43-4131	12
Valve Ex	6162-43-4230	12
Valve Ex	6164-41-4211	12
Valve Collet	6162-42-4520	48
Valve Guide	6162-16-1341	24
Valve Insert In	6162-15-1370	12
Valve Insert Ex	6162-13-1322	12
Valve Spring In	6162-43-4420	24
Valve Spring Out	6162-43-4440	24
Retainer Valve Spring Upper	6162-43-4510	24
Retainer Valve Spring Lower	6162-43-4430	24
Push Rod	6162-43-3101	12
Capscrew Cyl Head	6162-15-1610	36

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Cylinder Block	6162-23-1103	1
Gear Camshaft	6162-43-1121	1
Bush Camshaft	6162-23-1490	7
Camshaft W/O Gear	6162-43-1110	1
Camshaft C/W Gear	6162-45-1100	1
Nozzle Piston Cooling	6161-21-1840	6



Front Seal

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KOMATSU S6D170E/SA6D170E/SAA6D170E-2 (Build 15B)

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6162-K1-9901	1
Gasket Kit Lower	6162-K2-9901	1
Gasket Cylinder Head	6162-13-1812	6
Gasket Cylinder Head	6162-19-1812	6
Gasket Valve Cover	6162-13-8812	6
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6162-13-4812	6
Gasket Rocker Lever Housing	6162-13-7813	6
Gasket Ex Manifold	6162-13-5810	6
Gasket (Non-Asbestos)	6127-21-4815	A/R
Gasket	6127-61-2420	A/R

FILTERS	PART No	QTY
Filter Fuel	600-311-8321	2
Filter Oil	600-211-1231	2
Filter Water	600-411-1171	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2420.IFK	1
Out-Of-Frame Kit	KMP2420.OFK	1
Overhaul Kit	KMP2420.EOK-B	1

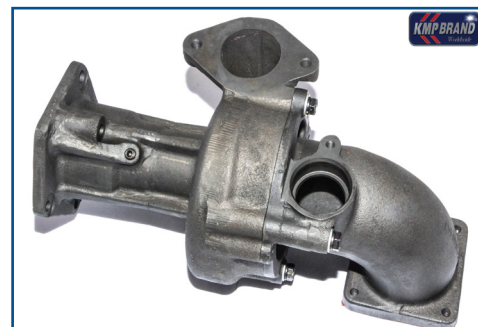
LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6162-55-1011	1
Core Oil Cooler	600-651-1250	1
Core Oil Cooler	TSH10860162100	1
Core Aftercooler	6162-63-6121	1
Core Aftercooler	6162-65-4200	1
Core Aftercooler	6162-65-6120	1
Core Aftercooler	6212-62-4100	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	6553-91-1400	1
Fuel Feed Pump	DK105235-1781	1
Fuel Feed Pump	DK105237-1541	1
Strainer	195-04-11150	1
Injector	6162-15-3101	6
Injector	6162-15-3301	6
Injector	6162-15-3901	6
Fuel Nozzle Injector	6162-15-3120	6
Fuel Nozzle Injector	6162-15-3320	6
Fuel Nozzle Injector	6162-15-3920	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6162-63-1016	1
Water Pump Gasket Kit	6162-K6-4003	1
Shaft Water Pump	6162-63-1301	1
Impeller Water Pump	6162-63-1353	1
Thermostat	600-421-6630	2
Thermostat Hsg Gasket	6162-13-6431	1

APPLICATIONS

D275A-2 S/No. 10001-Up
 D375A-3 S/No. 17001-17500
 D375A-3 S/No. 17501-Up
 D375A-3AD / 3D S/No. 17001-Up
 PC1000-1 S/No. 10001-Up
 PC1000LC-1 S/No. 10001-Up
 PC1000SE-1 S/No. 10001-Up
 PC1000SP-1 S/No. 10001-Up
 PC1100-6 S/No. 10001-Up
 PC1100LC-6 S/No. 10001-Up
 PC1100SP-6 S/No. 10001-Up
 WA600-3 S/No. 50001-Up
 WA700-1L S/No. A20001-Up
 WA700-3 S/No. 50001-Up
 WA700-3L S/No. A50001-Up



Water Pump Assy

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KOMATSU SA6D170-1 (Build 15C)

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft C/W Gear	6162-33-1202	1
Gear Crankshaft	6162-33-1411	1
Front Seal	6162-23-3510	1
Rear Seal (Dry)	6162-23-4231	1
Rear Seal (Wet)	6162-23-4251	1
Wear Sleeve (Front)	6215-29-4320	1
Wear Sleeve (Rear)	6162-29-4300	1
Main Metal Assy STD	6162-23-8010	7
Main Metal Assy STD (Set)	6162-23-8010S	1
Main Metal Assy 0.25MM	6162-29-8010	7
Main Metal Assy 0.25MM (Set)	6162-29-8010S	1
Main Metal Assy 0.50MM	6162-28-8010	7
Main Metal Assy 0.50MM (Set)	6162-28-8010S	1
Main Metal Assy 0.75MM	6162-27-8010	7
Main Metal Assy 1.00MM	6162-26-8010	7
Thrust Metal STD	6162-23-8050	1
Thrust Metal 0.25MM	6162-29-8050	1
Thrust Metal 0.50MM	6162-28-8050	1
Thrust Metal 0.75MM	6162-27-8050	1
Thrust Metal 1.00MM	6162-26-8050	1
Main & Thrust Metal Set STD	51Z3180278	1
Main & Thrust Metal Set STD	6162-23-8000	1

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP6162	6
Piston Body C/W Clips	6162-33-2140	1
Pin Piston	6162-33-2410	1
Ring Set Piston	6162-33-2060	1
Liner Seal Kit	KMP-SK-170	1
Liner	6162-25-2210	1
Cylinder Kit W/O Ring Set	KMP6162WR	6
Piston Body C/W Clips	6162-33-2140	1
Pin Piston	6162-33-2410	1
Liner Seal Kit	KMP-SK-170	1
Liner	6162-25-2210	1
Piston Body C/W Clips	6162-33-2140	6
Piston, Pin & Clips	6162-33-2140WP	6
Pin Piston	6162-33-2410	6
Retainer Piston Pin	6162-33-2420	12
Ring Set Piston	51Z3100509	6
Ring Set Piston	6162-33-2060	6
Liner Seal Kit	KMP-SK-170	6
Liner	6162-25-2210	6
Liner & Seal Kit	6162-25-2210S	6

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6162-33-3101	6
Bolt Conrod	6162-33-3310	12
Bushing Conrod	6162-33-3131	6
Metal Conrod STD	6162-33-3041	6
Metal Conrod 0.25MM	6162-39-3041	6
Metal Conrod 0.50MM	6162-38-3041	6
Metal Conrod 0.75MM	6162-37-3041	6
Metal Conrod 1.00MM	6162-36-3041	6

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6162-13-1103	6
Sleeve Injector	6162-13-1130	6
Valve In	6162-43-4111	12
Valve Ex	6164-41-4211	12
Valve Collet	6162-42-4520	48
Valve Guide	6162-16-1341	24
Valve Insert In	6162-15-1370	12
Valve Insert Ex	6162-13-1322	12
Valve Spring In	6162-43-4420	24
Valve Spring Out	6162-43-4440	24
Retainer Valve Spring Upper	6162-43-4510	24
Retainer Valve Spring Lower	6162-43-4430	24
Push Rod	6162-43-3101	12
Capscrew Cyl Head	6162-13-1610	36
Capscrew Cyl Head	6162-15-1610	36



Piston, Pin & Clips

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KOMATSU SA6D170-1 (Build 15C)

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6162-23-1103	1
Gear Camshaft	6162-43-1121	1
Bush Camshaft	6162-23-1490	7
Camshaft C/W Gear	6162-43-1101	1
Camshaft C/W Gear	6162-45-1100	1
Camshaft W/O Gear	6162-43-1110	1
Nozzle Piston Cooling	6161-21-1840	6
Nozzle Piston Cooling	6162-23-1860	1
Nozzle Piston Cooling	6162-23-1870	5

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6162-K1-9901	1
Gasket Kit Lower	6162-K2-9901	1
Gasket Cylinder Head	6162-13-1812	6
Gasket Cylinder Head	6162-19-1812	6
Gasket Valve Cover	6162-13-8812	6
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6162-13-4812	6
Gasket Ex Manifold	6162-13-5810	6

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6162-53-1012	1
Core Oil Cooler	600-651-1350	1
Core Oil Cooler	TSH10860162100	1
Core Aftercooler	6162-63-6112	1
Core Aftercooler	6162-63-6121	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105207-1272	1
Fuel Feed Pump	DK105235-1781	1
Fuel Feed Pump	DK105237-1541	1
Injector	6162-13-3403	6
Injector	6162-13-3503	6
Injector	6162-13-3702	6
Injector	6162-13-3903	6
Fuel Nozzle Injector	6162-13-3421	6
Fuel Nozzle Injector	6162-13-3521	6
Fuel Nozzle Injector	6162-13-3720	6
Fuel Nozzle Injector	6162-13-3921	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6162-63-1016	1
Water Pump Gasket Kit	6162-K6-0003	1
Water Pump Gasket Kit	6162-K6-4003	1
Shaft Water Pump	6162-63-1301	1
Impeller Water Pump	6162-63-1353	1
Thermostat	600-421-6630	2
Thermostat Hsg Gasket	6162-13-6431	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8321	2
Filter Oil	600-211-1231	2
Precleaner	600-181-5710	2
Filter Water	600-411-1171	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6162.IFK	1
Out-Of-Frame Kit	KMP6162.OFK	1
Overhaul Kit	KMP6162.EOK	1

APPLICATIONS

D375A-1 S/No. 15001-Up
D375A-2 S/No. 16001-Up
PC1000-1 S/No. 10001-Up
PC1000LC-1 S/No. 10001-Up
PC1000SE-1 S/No. 10001-Up
PC1000SP-1 S/No. 10001-Up
WA700-1 S/No. 10001-Up
HD465-3 S/No. 2001-Up & A2060-Up

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KOMATSU SA6D170-1 (Build 15D)

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft C/W Gear	6162-33-1202	1
Gear Crankshaft	6162-33-1411	1
Front Seal	6162-23-3510	1
Rear Seal (Wet)	6162-23-4251	1
Wear Sleeve (Front)	6215-29-4320	1
Wear Sleeve (Rear)	6162-29-4300	1
Main Metal Assy STD	6162-23-8010	7
Main Metal Assy STD (Set)	6162-23-8010S	1
Main Metal Assy 0.25MM	6162-29-8010	7
Main Metal Assy 0.25MM (Set)	6162-29-8010S	1
Main Metal Assy 0.50MM	6162-28-8010	7
Main Metal Assy 0.50MM (Set)	6162-28-8010S	1
Main Metal Assy 0.75MM	6162-27-8010	7
Main Metal Assy 1.00MM	6162-26-8010	7
Thrust Metal STD	6162-23-8050	1
Thrust Metal 0.25MM	6162-29-8050	1
Thrust Metal 0.50MM	6162-28-8050	1
Thrust Metal 0.75MM	6162-27-8050	1
Thrust Metal 1.00MM	6162-26-8050	1
Main & Thrust Metal Set STD	51Z3180278	1
Main & Thrust Metal Set STD	6162-23-8000	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6162-33-3101	6
Bolt Conrod	6162-33-3310	12
Bushing Conrod	6162-33-3131	6
Metal Conrod STD	6162-33-3041	6
Metal Conrod 0.25MM	6162-39-3041	6
Metal Conrod 0.50MM	6162-38-3041	6
Metal Conrod 0.75MM	6162-37-3041	6
Metal Conrod 1.00MM	6162-36-3041	6

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP2121	6
Piston Body C/W Clips	6164-31-2121	1
Pin Piston	6161-31-2410	1
Ring Set Piston	6162-33-2060	1
Liner Seal Kit	KMP-SK-170	1
Liner	6162-25-2210	1
Piston Body C/W Clips	6164-31-2121	6
Pin Piston	6162-33-2410	6
Retainer Piston Pin	6162-33-2420	12
Ring Set Piston	51Z3100509	6
Ring Set Piston	6162-33-2060	6
Liner Seal Kit	KMP-SK-170	6
Liner	6162-25-2210	6
Liner & Seal Kit	6162-25-2210S	6

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6162-13-1103	6
Sleeve Injector	6162-13-1130	6
Valve In	6162-43-4111	12
Valve Ex	6164-41-4211	12
Valve Collet	6162-42-4520	48
Valve Guide	6162-16-1341	24
Valve Insert In	6162-15-1370	12
Valve Insert Ex	6162-13-1322	12
Valve Spring In	6162-43-4420	24
Valve Spring Out	6162-43-4440	24
Retainer Valve Spring Upper	6162-43-4510	24
Retainer Valve Spring Lower	6162-43-4430	24
Push Rod	6162-43-3101	12
Capscrew Cyl Head	6162-13-1610	1
Capscrew Cyl Head	6162-15-1610	1

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Cylinder Block	6162-23-1103	1
Gear Camshaft	6162-43-1121	1
Bush Camshaft	6162-23-1490	7
Camshaft C/W Gear	6162-43-1101	1
Nozzle Piston Cooling	6161-21-1840	5
Nozzle Piston Cooling	6162-23-1840	1
Nozzle Piston Cooling	6162-23-1860	1
Nozzle Piston Cooling	6162-23-1870	5



Valve In

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KOMATSU SA6D170-1 (Build 15D)

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6162-K1-9901	1
Gasket Kit Lower	6162-K2-9901	1
Gasket Cylinder Head	6162-13-1812	6
Gasket Cylinder Head	6162-19-1812	6
Gasket Valve Cover	6162-13-8812	6
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6162-13-4812	6
Gasket Ex Manifold	6162-13-5810	6

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2121.IFK	1
Out-Of-Frame Kit	KMP2121.OFK	1
Overhaul Kit	KMP2121.EOK	1

APPLICATIONS
WA700-1 S/No. 10001-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6162-53-1012	1
Core Oil Cooler	600-651-1250	1
Core Aftercooler	6162-63-6121	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105235-1781	1
Injector	6162-13-3903	6
Fuel Nozzle Injector	6162-13-3921	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6162-63-1016	1
Water Pump Gasket Kit	6162-K6-0003	1
Shaft Water Pump	6162-63-1301	1
Impeller Water Pump	6162-63-1353	1
Thermostat	600-421-6630	2
Thermostat Hsg Gasket	6162-13-6431	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8321	3
Filter Oil	600-211-1231	2
Precleaner	600-181-5710	2
Filter Water	600-411-1171	1



Valve Collet



Valve Guide

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KOMATSU SA6D170-A-1T (Build 15E) Engine S/No. 14203-Up

CRANKSHAFT & RELATED PARTS

PART No	QTY
Crankshaft W/O Gear	1
Gear Crankshaft	1
Front Seal	1
Rear Seal (Wet)	1
Wear Sleeve (Front)	1
Wear Sleeve (Rear)	1
Main Metal Assy STD	7
Main Metal Assy STD (Set)	1
Main Metal Assy 0.25MM	7
Main Metal Assy 0.25MM (Set)	1
Main Metal Assy 0.50MM	7
Main Metal Assy 0.50MM (Set)	1
Main Metal Assy 0.75MM	7
Main Metal Assy 1.00MM	7
Thrust Metal STD	1
Thrust Metal 0.25MM	1
Thrust Metal 0.50MM	1
Thrust Metal 0.75MM	1
Thrust Metal 1.00MM	1
Main & Thrust Metal Set STD	1
Main & Thrust Metal Set STD	1

CONNECTING ROD & RELATED PARTS

PART No	QTY
Conrod	6
Bolt Conrod	12
Bushing Conrod	6
Metal Conrod STD	6
Metal Conrod 0.25MM	6
Metal Conrod 0.50MM	6
Metal Conrod 0.75MM	6
Metal Conrod 1.00MM	6

CYLINDER KITS & COMPONENTS

PART No	QTY
Cylinder Kit	KMP2080
Piston Body C/W Clips	6164-31-2121
Pin Piston	6161-31-2410
Ring Set Piston	6162-33-2080
Liner Seal Kit	6162-25-2210
Liner	KMP-SK-170
Piston Body C/W Clips	6164-31-2121
Pin Piston	6161-31-2410
Retainer Piston Pin	6162-33-2420
Ring Set Piston	6162-33-2080
Liner Seal Kit	KMP-SK-170
Liner	6162-25-2210
Liner & Seal Kit	6162-25-2210S

CYLINDER HEAD & COMPONENTS

PART No	QTY
Cylinder Head (Bare)	6162-13-1103
Sleeve Injector	6162-13-1130
Valve In	6162-43-4131
Valve Ex	6162-43-4230
Valve Collet	6162-42-4520
Valve Guide	6162-16-1341
Valve Insert In	6162-15-1370
Valve Insert Ex	6162-13-1322
Valve Spring In	6162-43-4420
Valve Spring Out	6162-43-4440
Retainer Valve Spring Upper	6162-43-4510
Retainer Valve Spring Lower	6162-43-4430
Push Rod	6162-43-3101
Capscrew Cyl Head	6162-15-1610

CYLINDER BLOCK & COMPONENTS

PART No	QTY
Cylinder Block	6162-23-1103
Gear Camshaft	6162-43-1121
Bush Camshaft	6162-23-1490
Camshaft C/W Gear	6162-43-1101
Nozzle Piston Cooling	6161-21-1840

GASKET KITS & COMPONENTS

PART No	QTY
Gasket Kit Upper	6162-K1-9901
Gasket Kit Lower	6162-K2-9901
Gasket Cylinder Head	6162-13-1812
Gasket Cylinder Head	6162-19-1812
Gasket Valve Cover	6162-13-8812
Gasket Maker 30Z. (85g)	TB1207C
Gasket In Manifold	6162-13-4812
Gasket Ex Manifold	6162-13-5810



Bushing Conrod

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KOMATSU SA6D170-A-1T (Build 15E) Engine S/No. 14203-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6162-53-1012	1
Core Oil Cooler	600-651-1250	1
Core Aftercooler	6162-63-6121	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105235-1781	1
Injector	6162-13-3403	6
Fuel Nozzle Injector	6162-13-3421	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6162-63-1016	1
Water Pump Gasket Kit	6162-K6-0003	1
Shaft Water Pump	6162-63-1301	1
Impeller Water Pump	6162-63-1353	1
Thermostat	600-421-6630	2
Thermostat Hsg Gasket	6162-13-6431	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8321	3
Filter Oil	600-211-1231	2
Filter Water	600-411-1171	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2080.IFK	1
Out-Of-Frame Kit	KMP2080.OFK	1
Overhaul Kit	KMP2080.EOK	1

APPLICATIONS

HD465-5 S/No. 4001-Up

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KOMATSU SAA6D170E-2A (Build 15F) Engine S/No. 17389-Up

CRANKSHAFT & RELATED PARTS

PART No	QTY
Crankshaft W/O Gear	1
Crankshaft C/W Gear	1
Gear Crankshaft	1
Key	1
Front Seal	1
Rear Seal (Wet)	1
Wear Sleeve (Front)	1
Wear Sleeve (Rear)	1
Main Metal Assy STD	7
Main Metal Assy STD (Set)	1
Main Metal Assy 0.25MM	7
Main Metal Assy 0.25MM (Set)	1
Main Metal Assy 0.50MM	7
Main Metal Assy 0.50MM (Set)	1
Main Metal Assy 0.75MM	7
Main Metal Assy 1.00MM	7
Thrust Metal STD	1
Thrust Metal 0.25MM	1
Thrust Metal 0.50MM	1
Thrust Metal 0.75MM	1
Thrust Metal 1.00MM	1
Main & Thrust Metal Set STD	1
Main & Thrust Metal Set STD	1

CONNECTING ROD & RELATED PARTS

PART No	QTY
Conrod	6
Bolt Conrod	12
Bushing Conrod	6
Metal Conrod STD	6
Metal Conrod 0.25MM	6
Metal Conrod 0.50MM	6
Metal Conrod 0.75MM	6
Metal Conrod 1.00MM	6

CYLINDER KIT & COMPONENTS

PART No	QTY
Cylinder Kit	6
Piston Body C/W Clips	1
Pin Piston	1
Ring Set Piston	1
Liner Seal Kit	1
Liner	1
Piston Body C/W Clips	6
Piston, Pin & Clips	6
Pin Piston	6
Retainer Piston Pin	12
Ring Set Piston	6
Liner Seal Kit	6
Liner	6
Liner & Seal Kit	6

CYLINDER HEAD & COMPONENTS

PART No	QTY
Cylinder Head (Bare)	6
Sleeve Injector	6
Valve In	12
Valve Ex	12
Valve Collet	48
Valve Guide	24
Valve Insert In	12
Valve Insert Ex	12
Valve Spring In	24
Valve Spring Ex In	12
Valve Spring Out	24
Valve Spring Ex Out	12
Retainer Valve Spring Upper	24
Retainer Valve Spring Lower	24
Push Rod	12
Capscrew Cyl Head	36

CYLINDER BLOCK & COMPONENTS

PART No	QTY
Cylinder Block	1
Gear Camshaft	1
Bush Camshaft	7
Camshaft C/W Gear	1
Nozzle Piston Cooling	6



Main & Thrust Metal Set STD

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KOMATSU SAA6D170E-2A (Build 15F) Engine S/No. 17389-Up

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6162-K1-9901	1
Gasket Kit Lower	6162-K2-9901	1
Gasket Cylinder Head	6162-13-1812	6
Gasket Cylinder Head	6162-19-1812	6
Gasket Valve Cover	6162-13-8812	6
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6162-13-4812	6
Gasket Ex Manifold	6162-13-5810	6
Gasket In Manifold	6162-13-4141	1
Gasket (Non-Asbestos)	6127-21-4815	A/R

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6162-53-1012	1
Core Oil Cooler	TSH10860162100	1
Core Aftercooler	6162-65-4100	1

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	6553-91-1400	1
Fuel Feed Pump	DK152200-5320	1
Injector	6162-15-3301	6
Fuel Nozzle Injector	6162-15-3320	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6162-63-1016	1
Water Pump Gasket Kit	6162-K6-4003	1
Shaft Water Pump	6162-63-1301	1
Impeller Water Pump	6162-63-1353	1
Seal Water Pump	6162-63-1513	1
Thermostat	600-421-6630	2
Thermostat Hsg Gasket	6162-13-6431	1

FILTERS	PART No	QTY
Filter Fuel	600-311-8321	3
Engine Filter Kit	SAA6D170FK-1	1
Filter Oil	600-211-1231	2
Filter Oil Bypass	600-212-1511	1
Filter Water	600-411-1171	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2250.IFK	1
Out-Of Frame Kit	KMP2250.OFK	1
Overhaul Kit	KMP2250.EOK	1

APPLICATIONS

HD465-5 S/No. 4001-Up

HD605-5 S/No. 1001-Up



Shaft Water Pump



Impeller Water Pump

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KOMATSU SA6D170E-3A-7 & SAA6D170E-3F-8 (Build 15G) Engine S/No. 310001-Up

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft C/W Gears	6240-31-1101	1
Bushing Crankshaft	6162-25-3151	1
Front Seal	6216-24-4130	1
Rear Seal	6162-25-4251	1
Rear Seal	6240-21-4250	1
Main Metal Assy STD	6240-21-8100	7
Main Metal Assy 0.25MM	6240-29-8100	7
Main Metal Assy 0.50MM	6240-28-8100	7
Main Metal Assy 0.75MM	6240-27-8100	7
Main Metal Assy 1.00MM	6240-26-8100	7
Thrust Metal STD	6162-23-8050	1
Thrust Metal 0.25MM	6162-29-8050	1
Thrust Metal 0.50MM	6162-28-8050	1
Thrust Metal 0.75MM	6162-27-8050	1
Thrust Metal 1.00MM	6162-26-8050	1

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6240-11-1102	6
Valve In	6240-41-4110	12
Valve Ex	6240-41-4210	12
Valve Ex Inconel	6240-41-4220	12
Valve Collet	6162-42-4520	48
Valve Guide	6240-16-1340	24
Valve Insert In	6240-11-1330	12
Valve Insert Ex	6240-11-1321	12
Valve Spring In/Ex (Pkg 6)	6240-41-4411	24
Seal Valve Stem	6240-11-1370	24
Retainer Valve Spring Upper	6240-41-4430	24
Retainer Valve Spring Lower	6240-41-4440	24
Push Rod	6240-41-3110	12
Push Rod	6240-41-3710	6
Capscrew Cyl Head	6240-11-1610	42

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6240-31-3102	6
Bolt Conrod	6162-33-3310	12
Bushing Conrod	6240-31-3141	6
Metal Conrod STD	6162-33-3041	6
Metal Conrod 0.25MM	6162-39-3041	6
Metal Conrod 0.50MM	6162-38-3041	6
Metal Conrod 0.75MM	6162-37-3041	6
Metal Conrod 1.00MM	6162-36-3041	6

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Cylinder Block	6240-21-1100	1
Gear Camshaft	6240-41-1120	1
Bush Camshaft	6240-21-1490	7
Camshaft W/O Gear	6240-41-1210	1
Camshaft W/O Gear	6240-41-1310	1
Nozzle Piston Cooling (Front)	6240-21-1810	6
Nozzle Piston Cooling (Rear)	6240-21-1910	6

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP6240	6
Piston Body C/W Clips	6240-31-2111	1
Pin Piston	6240-31-2411	1
Ring Set Piston	6240-31-2030	1
Liner Seal Kit	KMP-SK-170	1
Liner	6240-21-2220	1
Piston Body C/W Clips	6240-31-2111	6
Piston, Pin & Clips	6240-31-2111WP	6
Pin Piston	6240-31-2411	6
Retainer Piston Pin	6162-33-2420	12
Ring Set Piston	6240-31-2030	6
Liner Seal Kit	KMP-SK-170	6
Liner	6240-21-2220	6

GASKET KITS & COMPONENTS

	PART No	QTY
Gasket Kit Upper	6241-K1-9900	1
Gasket Kit Lower	6241-K2-9900	1
Gasket Cylinder Head	6240-11-1810	6
Gasket Valve Cover	6240-11-8810	6
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6240-11-4810	6
Gasket Ex Manifold	6240-11-5820	6
Gasket Rocker Lever Housing	6162-13-7813	6

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KOMATSU SA6D170E-3A-7 & SAA6D170E-3F-8 (Build 15G) Engine S/No. 310001-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6240-51-1100	1
Core Oil Cooler	6240-61-2110	2
Core Aftercooler	6162-65-6120	1

FUEL SYSTEM	PART No	QTY
Spider	6684-71-7712	1
Injector	6560-11-1114	6
Injector	6560-11-1414	6

COOLING SYSTEM	PART No	QTY
Water Pump	6240-61-1103	1
Water Pump Gasket Kit	6241-K6-9900	1
Shaft Water Pump	6240-61-1312	1
Impeller Water Pump	6240-61-1210	1
Thermostat	600-421-6630	2
Thermostat Hsg Gasket	6240-11-6470	1

FILTERS	PART No	QTY
Filter Oil	600-211-1231	2
Filter Fuel Separator	600-311-3111	2
Filter Water	600-411-1171	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6240.IFK	1
Out-Of-Frame Kit	KMP6240.OFK	1
Overhaul Kit	KMP6240.EOK	1

APPLICATIONS

D375A-5 S/No. 18001-Up
 HD465-7 S/No. 7001-Up
 HD605-7 S/No. 7001-Up
 PC1250-7 S/No. 310005-Up
 PC1250LC-7 S/No. 310005-Up
 PC1250SP-7 S/No. 310005-Up
 WD600-3 S/No. 50001-Up
 WA600-3C / 3D S/No. 50001-Up
 WA600-3LK S/No. A53001-Up
 WA700-3 / 3D S/No. 50001-Up
 WA700-3 / 3D S/No. 50001-Up



Gasket Kit Upper



Gasket Kit Lower

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KOMATSU SAA6D170E-5 (Build 15H) Engine S/No. 310001-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gears	6245-31-1100	1
Gear Crankshaft Front	6240-31-1410	1
Gear Crankshaft Rear	6245-31-1510	1
Pin Dowel	04020-01024	1
Pin Dowel	04020-01228	1
Key	04010-00728	1
Bushing Crankshaft	6162-25-3151	1
Front Seal	6245-21-3121	1
Rear Seal	6162-25-4251	1
Main Metal Assy STD	6240-21-8100	7
Main Metal Assy 0.25MM	6240-29-8100	7
Main Metal Assy 0.50MM	6240-28-8100	7
Main Metal Assy 0.75MM	6240-27-8100	7
Main Metal Assy 1.00MM	6240-26-8100	7
Thrust Metal STD	6162-23-8050	1
Thrust Metal 0.25MM	6162-29-8050	1
Thrust Metal 0.50MM	6162-28-8050	1
Thrust Metal 0.75MM	6162-27-8050	1
Thrust Metal 1.00MM	6162-26-8050	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6245-31-3100	6
Bolt Conrod	6162-33-3310	12
Bushing Conrod	6245-31-3130	6
Metal Conrod STD	6162-33-3041	6
Metal Conrod 0.25MM	6162-39-3041	6
Metal Conrod 0.50MM	6162-38-3041	6
Metal Conrod 0.75MM	6162-37-3041	6
Metal Conrod 1.00MM	6162-36-3041	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6245	6
Piston Body C/W Clips	6245-31-2110	1
Pin Piston	6248-31-2410	1
Ring Set Piston	6245-31-2010	1
Liner Seal Kit	KMP-SK-170	1
Liner	6240-21-2220	1
Piston Body C/W Clips	6245-31-2110	6
Pin Piston	6248-31-2410	6
Retainer Piston Pin	6162-33-2420	12
Ring Set Piston	6245-31-2010	6
Liner Seal Kit	KMP-SK-170	6
Liner	6240-21-2220	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6245-11-1100	6
Valve In	6240-41-4110	12
Valve Ex Inconel	6240-41-4220	12
Valve Collet	6162-42-4520	48
Valve Guide	6240-16-1340	24
Valve Insert In	6240-11-1330	12
Valve Insert Ex	6245-11-1320	12
Valve Spring In/Ex (Pkg 6)	6240-41-4411	24
Seal Valve Stem	6240-11-1370	24
Retainer Valve Spring Upper	6240-41-4430	24
Retainer Valve Spring Lower	6240-41-4440	24
Push Rod	6245-41-3110	12
Capscrew Cyl Head	01438-01270	12
Capscrew Cyl Head	6240-11-1610	42

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6245-21-1100	1
Gear Camshaft	6245-41-1120	1
Bush Camshaft	6245-21-1482	7
Camshaft C/W Gear	6245-41-1100	1
Nozzle Piston Cooling (Front)	6240-21-1810	6
Nozzle Piston Cooling (Rear)	6245-21-1910	6

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6245-K1-9900	1
Gasket Kit Lower	6245-K2-9900	1
Gasket Cylinder Head	6240-11-1810	6
Gasket Valve Cover	6240-11-8810	6
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6245-11-4810	6
Gasket Ex Manifold	6240-11-5820	6
Gasket Camshaft Cover	6240-21-6450	2
Gasket Camshaft Cover	6245-21-6420	4
Gasket	6245-21-3290	A/R
Gasket	6127-51-6822	A/R

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KOMATSU SAA6D170E-5 (Build 15H) Engine S/No. 310001-Up

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6240-51-1100	1
Core Oil Cooler	6240-61-2110	2
Gasket Oil Cooler	6150-61-2815	1

FUEL SYSTEM	PART No	QTY
Strainer	195-04-11150	1
Injector	6245-11-3100	6

COOLING SYSTEM	PART No	QTY
Water Pump	6240-61-1103	1
Water Pump Gasket Kit	6245-K6-9900	1
Shaft Water Pump	6240-61-1312	1
Impeller Water Pump	6240-61-1210	1
Thermostat	600-421-6630	2
Thermostat Hsg Gasket	6240-11-6470	1

FILTERS	PART No	QTY
Filter Fuel	600-319-3550	2
Filter Fuel	600-319-3841	2
Filter Fuel (C/W Bowl)	600-319-4540	2
Filter Oil	600-211-1340	2
Filter Water	600-411-1171	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6245.IFK	1
Out-Of-Frame Kit	KMP6245.OFK	1
Overhaul Kit	KMP6245.EOK	1

APPLICATIONS

D375A-6 S/No. 60001-UP
 D375A-6 S/No. 60001-UP (Mining Spec.)
 D375A-6R S/No. 65001-UP
 D375A-5 S/No. 55001-UP (W/O EGR)
 D375A-5E0 S/No. 50001-UP (ecot3)
 HD465-7E0 S/No. 10732-UP
 HD465-7R S/No. 15352-UP
 HD465-7R S/No. 16132-UP
 HD465-7E0 S/No. 10001-10731 (ecot3)
 HD465-7R S/No. 15001-15351 (W/O EGR)
 HD605-7R S/No. 15001-15351 (W/O EGR)
 HD605-7E0 S/No. 10732-UP
 HD605-7E0 S/No. 8001-10731 (ecot3)
 HD605-7R S/No. 15352-UP
 PC1250SP-8 S/No. 30158-UP
 PC1250LC-8 S/No. 30158-UP
 PC1250-8 S/No. 30158-UP
 PC1250-8R S/No. 35201-UP
 PC1250SP-8R S/No. 35201-UP
 PC1250-8R S/No. 35201-UP (Extreme Hot Area Arrangement)
 PC1250SP-8R S/No. 35201-UP (Extreme Hot Area Arrangement)
 PC1250-8R S/No. 35406-UP
 PC1250-8R S/No. 35001-35200 (EGR-LESS)
 PC1250-8R S/No. 35001-35200 (W/O EGR, +55C DEGREE)
 PC1250SP-8R S/No. 35001-35200 (W/O EGR)
 PC1250SP-8 S/No. 30001-30157 (ecot3, For SP)
 PC1250-8 S/No. 30001-30157 (ecot3)
 WA600-6 S/No. 60001-60637 (ecot3)
 WA600-6 S/No. 60638-UP
 WA600-6 S/No. 61052-UP (For KAL)
 WA600-6R S/No. 65001-UP (W/O EGR)
 WA600-6R S/No. 65021-UP
 WD600-6 S/No. 55001-55003
 WD600-6 S/No. 55004-UP



Oil Pump

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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KOMATSU SA8V170-1 (Build 16A) Engine S/No. 10001-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6164-31-1100	1
Gear Crankshaft	6164-31-1410	1
Front Seal	6164-21-3410	1
Front Seal & Sleeve Kit	6164-29-3400	1
Rear Seal	6164-29-4260	1
Rear Seal & Sleeve Kit	6164-29-4250	1
Main Metal Assy STD	6164-21-8011	5
Main Metal Assy 0.25MM	6164-29-8011	5
Main Metal Assy 0.50MM	6164-28-8011	5
Main Metal Assy 0.75MM	6164-27-8011	5
Main Metal Assy 1.00MM	6164-26-8011	5
Thrust Metal STD	6164-21-8050	1
Thrust Metal 0.25MM	6164-29-8050	1
Thrust Metal 0.50MM	6164-28-8050	1
Thrust Metal 0.75MM	6164-27-8050	1
Thrust Metal 1.00MM	6164-26-8050	1
Main & Thrust Metal Set STD	6164-21-8001	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6164-31-3100	8
Bolt Conrod	6164-31-3310	16
Bushing Conrod	6162-33-3131	8
Metal Conrod STD	6164-31-3041	8
Metal Conrod 0.25MM	6164-39-3041	8
Metal Conrod 0.50MM	6164-38-3041	8
Metal Conrod 0.75MM	6164-37-3041	8
Metal Conrod 1.00MM	6164-36-3041	8

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6164	8
Piston Body C/W Clips	6164-31-2110	1
Pin Piston	6162-33-2410	1
Retainer Piston Pin	6162-33-2420	1
Ring Set Piston	6162-33-2060	1
Liner Seal Kit	KMP-SK-170	1
Liner	6162-25-2210	1
Piston Body C/W Clips	6164-31-2110	8
Pin Piston	6162-33-2410	8
Retainer Piston Pin	6162-33-2420	16
Ring Set Piston	51Z3100509	8
Ring Set Piston	6162-33-2060	8
Liner Seal Kit	KMP-SK-170	8
Liner	6162-25-2210	8

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6164-11-1103	8
Sleeve Injector	6162-13-1130	8
Valve In	6162-43-4111	16
Valve Ex	6164-41-4211	16
Valve Collet	6162-42-4520	64
Valve Guide	6162-16-1341	32
Valve Insert In	6162-15-1370	16
Valve Insert Ex	6162-13-1322	16
Valve Spring In	6162-43-4420	32
Valve Spring Out	6162-43-4440	32
Retainer Valve Spring Upper	6162-43-4510	32
Retainer Valve Spring Lower	6162-43-4430	32
Push Rod	6162-43-3101	16
Capscrew Cyl Head	6162-13-1610	48

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6164-21-1103	1
Gear Camshaft	6164-41-1310	1
Gear Camshaft	6164-41-1350	1
Bush Camshaft	6164-21-1490	10
Camshaft C/W Gear (RH)	6164-41-1010	1
Camshaft C/W Gear (LH)	6164-41-1050	1
Nozzle Piston Cooling	6164-21-1860	8

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6164-K1-0006	1
Gasket Kit Upper	6164-K1-1006	1
Gasket Kit Upper	6164-K1-4006	1
Gasket Kit Lower	6164-K2-0006	1
Gasket Kit Lower	6164-K2-1006	1
Gasket Kit Lower	6164-K2-4005	1
Gasket Cylinder Head	6164-11-1814	8
Gasket Valve Cover	6162-13-8812	8
Gasket Maker 30z. (85G)	TB1207C	1
Gasket Ex Manifold	6162-13-5810	8

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6164-51-1003	1
Oil Pump	6164-52-1000	1
Core Oil Cooler	6165-61-2310	1
Core Oil Cooler	6165-61-2330	1
Core Aftercooler	6164-61-6111	2

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KOMATSU SA8V170-1 (Build 16A) Engine S/No. 10001-Up

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105235-1710	1
Fuel Feed Pump	DK105235-1791	1
Strainer	195-04-11150	1
Injector	6162-13-3403	8
Fuel Nozzle Injector	6162-13-3421	8

COOLING SYSTEM	PART No	QTY
Ball Bearing	06000-06207	1
Water Pump Assy	6164-61-1031	1
Water Pump Gasket Kit	6164-K6-0001	1
Water Pump Gasket Kit	6164-K6-1000	1
Water Pump Gasket Kit	6164-K6-4003	1
Shaft Water Pump	6164-61-1300	1
Impeller Water Pump	6164-61-1351	1
Seal Water Pump	6127-61-1516	1
Thermostat	600-421-6630	4
Thermostat Hsg Gasket	6164-11-6452	1

FILTERS	PART No	QTY
Filter Fuel	600-311-7111	2
Filter Oil	600-211-1231	3
Filter Water	E600-411-1030	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6164.IFK	1
Out-Of-Frame Kit	KMP6164.OFK	1
Overhaul Kit	KMP6164.EOK	1

APPLICATIONS

D475A-1 S/No. 10001-Up
WA800-1 S/No. 10001-Up
HD785-2 S/No. 1501-Up

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KOMATSU SA12V170-1 (Build 17A)

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6165-31-1201	1
Gear Crankshaft	6164-31-1410	1
Front Seal	6164-21-3410	1
Front Seal & Sleeve Kit	6164-29-3400	1
Rear Seal	6164-29-4260	1
Rear Seal & Sleeve Kit	6164-29-4250	1
Main Metal Assy STD	6164-21-8011	7
Main Metal Assy 0.25MM	6164-29-8011	7
Main Metal Assy 0.50MM	6164-28-8011	7
Main Metal Assy 0.75MM	6164-27-8011	7
Main Metal Assy 1.00MM	6164-26-8011	7
Thrust Metal STD	6164-21-8050	1
Thrust Metal 0.25MM	6164-29-8050	1
Thrust Metal 0.50MM	6164-28-8050	1
Thrust Metal 0.75MM	6164-27-8050	1
Thrust Metal 1.00MM	6164-26-8050	1
Main & Thrust Metal Set STD	6165-21-8001	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6164-31-3100	12
Bolt Conrod	6164-31-3310	24
Bushing Conrod	6162-33-3131	12
Metal Conrod STD	6164-31-3041	12
Metal Conrod 0.25MM	6164-39-3041	12
Metal Conrod 0.50MM	6164-38-3041	12
Metal Conrod 0.75MM	6164-37-3041	12
Metal Conrod 1.00MM	6164-36-3041	12

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP2121	12
Piston Body C/W Clips	6164-31-2121	1
Pin Piston	6161-31-2410	1
Ring Set Piston	6162-33-2060	1
Liner Seal Kit	KMP-SK-170	1
Liner	6162-25-2210	1
Piston Body C/W Clips	6164-31-2121	12
Pin Piston	6162-33-2410	12
Retainer Piston Pin	6162-33-2420	24
Ring Set Piston	51Z3100509	12
Ring Set Piston	6162-33-2060	12
Liner Seal Kit	KMP-SK-170	12
Liner	6162-25-2210	12
Liner & Seal Kit	6162-25-2210S	12

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6164-11-1103	12
Sleeve Injector	6162-13-1130	12
Valve In	6162-43-4111	24
Valve Ex	6164-41-4211	24
Valve Collet	6162-42-4520	96
Valve Guide	6162-16-1341	48
Valve Insert In	6162-15-1370	24
Valve Insert Ex	6162-13-1322	24
Valve Spring In	6162-43-4420	48
Valve Spring Out	6162-43-4440	48
Retainer Valve Spring Upper	6162-43-4510	48
Retainer Valve Spring Lower	6162-43-4430	48
Push Rod	6162-43-3101	24
Capscrew Cyl Head	6162-15-1610	72

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6165-21-1102	1
Gear Camshaft	6164-41-1310	1
Gear Camshaft	6164-41-1350	1
Bush Camshaft	6164-21-1490	14
Camshaft C/W Gear (RH)	6165-41-1010	1
Camshaft C/W Gear (LH)	6165-41-1050	1
Nozzle Piston Cooling	6164-21-1810	12

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6165-K1-0602	1
Gasket Kit Lower	6165-K2-0502	1
Gasket Cylinder Head	6164-11-1814	12
Gasket Valve Cover	6162-13-8812	12
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6165-11-4230	1
Gasket Ex Manifold	6162-13-5810	12

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KOMATSU SA12V170-1 (Build 17A)

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6166-51-1100	1
Core Oil Cooler	6165-61-2310	1
Core Oil Cooler	6165-61-2320	1
Core Oil Cooler	6165-61-2330	1
Core Oil Cooler	6166-61-2310	1
Core Oil Cooler	6166-61-2320	1
Core Oil Cooler	6166-61-2330	1
Core Aftercooler	6166-61-6114	2
Core Aftercooler	6166-61-6580	2

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	DK105235-1880	1
Fuel Feed Pump	DK105235-1890	1
Injector	6162-13-3903	12
Injector	6162-14-3701	12
Fuel Nozzle Injector	6162-13-3921	12
Fuel Nozzle Injector	6165-11-3320	12

COOLING SYSTEM	PART No	QTY
Ball Bearing	06000-06207	1
Water Pump Assy	6165-61-1002	1
Water Pump Gasket Kit	6165-K6-0502	1
Shaft Water Pump	6164-61-1300	1
Impeller Water Pump	6165-61-1351	1
Seal Water Pump	6127-61-1516	1
Thermostat	600-421-6630	4
Thermostat Hsg Gasket	6166-11-6460	2

FILTERS	PART No	QTY
Filter Fuel	600-311-7111	3
Filter Oil	600-211-1231	4
Filter Oil Bypass	600-212-1511	3
Filter Water	600-411-1171	2

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2121.IFK-12	1
Out-Of-Frame Kit	KMP2121.OFK-12	1
Overhaul Kit	KMP2121.EOK-12	1

APPLICATIONS

D575A-2SD S/No. 10001-Up

D575A-2SR S/No. 10001-Up



Cylinder Kit



Pin Piston

KOMATSU SA12V170E-2A (Build 17B)

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft W/O Gear	6165-31-1201	1
Gear Crankshaft	6164-31-1410	1
Front Seal	6164-21-3410	1
Front Seal & Sleeve Kit	6164-29-3400	1
Rear Seal	6164-29-4260	1
Rear Seal & Sleeve Kit	6164-29-4250	1
Main Metal Assy STD	6164-21-8011	7
Main Metal Assy 0.25MM	6164-29-8011	7
Main Metal Assy 0.50MM	6164-28-8011	7
Main Metal Assy 0.75MM	6164-27-8011	7
Main Metal Assy 1.00MM	6164-26-8011	7
Thrust Metal STD	6164-21-8050	1
Thrust Metal 0.25MM	6164-29-8050	1
Thrust Metal 0.50MM	6164-28-8050	1
Thrust Metal 0.75MM	6164-27-8050	1
Thrust Metal 1.00MM	6164-26-8050	1
Main & Thrust Metal Set STD	6165-21-8001	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6164-31-3100	12
Bolt Conrod	6164-31-3310	24
Bushing Conrod	6162-33-3131	12
Metal Conrod STD	6164-31-3041	12
Metal Conrod 0.25MM	6164-39-3041	12
Metal Conrod 0.50MM	6164-38-3041	12
Metal Conrod 0.75MM	6164-37-3041	12
Metal Conrod 1.00MM	6164-36-3041	12

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP2420	12
Piston Body C/W Clips	6162-35-2120	1
Pin Piston	6161-31-2410	1
Ring Set Piston	6162-33-2060	1
Liner Seal Kit	KMP-SK-170	1
Liner	6162-25-2210	1
Piston Body C/W Clips	6162-35-2120	12
Piston, Pin & Clips	6162-35-2120WP	12
Pin Piston	6162-33-2410	12
Retainer Piston Pin	6162-33-2420	24
Ring Set Piston	51Z3100509	12
Ring Set Piston	6162-33-2060	12
Liner Seal Kit	KMP-SK-170	12
Liner	6162-25-2210	12
Liner & Seal Kit	6162-25-2210S	12

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	6166-15-1100	12
Sleeve Injector	6162-13-1130	12
Valve In	6162-43-4111	24
Valve Ex	6164-41-4211	24
Valve Collet	6162-42-4520	96
Valve Guide	6162-16-1341	48
Valve Insert In	6162-15-1370	24
Valve Insert Ex	6162-13-1322	24
Valve Spring In	6162-43-4420	48
Valve Spring Out	6162-43-4440	48
Retainer Valve Spring Upper	6162-43-4510	48
Retainer Valve Spring Lower	6162-43-4430	48
Push Rod	6162-43-3101	24
Capscrew Cyl Head	6162-15-1610	72

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Cylinder Block	6165-21-1102	1
Gear Camshaft	6164-31-1310	1
Gear Camshaft	6164-41-1350	1
Bush Camshaft	6164-21-1490	14
Camshaft C/W Gear (RH)	6165-41-1010	1
Camshaft C/W Gear (LH)	6165-41-1050	1
Nozzle Piston Cooling	6164-21-1810	12

GASKET KITS & COMPONENTS

	PART No	QTY
Gasket Kit Upper	6165-K1-0602	1
Gasket Kit Lower	6165-K2-0502	1
Gasket Cylinder Head	6164-11-1814	12
Gasket Valve Cover	6162-13-8812	12
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket In Manifold	6165-11-4230	1
Gasket Ex Manifold	6162-13-5810	12
Grommet (Pkg 10)	6127-11-1830	1



Conrod

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KOMATSU SA12V170E-2A (Build 17B)

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6165-51-1100	1
Core Oil Cooler	6166-61-2310	1
Core Oil Cooler	6166-61-2320	1
Core Oil Cooler	6166-61-2330	1
Core Aftercooler	6166-61-6580	2

FUEL SYSTEM	PART No	QTY
Injector	6166-15-3101	12
Fuel Nozzle Injector	6166-15-3121	12

COOLING SYSTEM	PART No	QTY
Ball Bearing	06000-06207	1
Water Pump Assy	6166-65-1000	1
Water Pump Gasket Kit	6165-K6-0502	1
Shaft Water Pump	6164-61-1300	1
Impeller Water Pump	6165-61-1351	1
Seal Water Pump	6166-61-1510	1
Thermostat	600-421-6630	4
Thermostat Hsg Gasket	6166-11-6460	2

FILTERS	PART No	QTY
Filter Fuel	600-311-7111	3
Filter Oil	600-211-1241	4
Filter Oil Bypass	600-212-1511	3
Filter Water	600-411-1171	2

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP2420.IFK-12	1
In-Frame Kit	KMP2420.OFK-12	1
Overhaul Kit	KMP2420.EOK-12	1

APPLICATIONS

D575A-3 S/No. 10101-Up

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KOMATSU NH220-C1 (Build 18A)

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft W/O Gear	6623-31-1111	1
Gear Crankshaft	6623-31-1120	1
Ring Dowel	6610-21-1730	1
Front Seal	07011-10075	1
Front Seal	6610-21-3511	1
Front Seal	6610-21-3520	1
Rear Seal	07011-10095	1
Rear Seal	6610-21-1321	1
Main Metal Assy STD	6610-21-8070	1
Main Metal Assy 0.25MM	6610-29-8070	1
Main Metal Assy 0.50MM	6610-28-8070	1
Main Metal Assy 0.75MM	6610-27-8070	1
Main Metal Assy 1.00MM	6610-26-8070	1
Thrust Metal STD	6610-21-8051	1
Thrust Metal 0.25MM	6610-29-8051	1
Thrust Metal 0.50MM	6610-28-8051	1
Thrust Metal 0.75MM	6610-27-8051	1
Thrust Metal 1.00MM	6610-26-8051	1
Main & Thrust Metal Set STD	6610-21-8010	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6620-31-3012	6
Bolt Conrod	6610-31-3311	12
Nut Conrod	6610-31-3320	12
Bushing Conrod	6610-71-1620	1
Bushing Conrod	6620-31-3120	6
Metal Conrod STD	6610-31-3041	6
Metal Conrod 0.25MM	6610-39-3041	6
Metal Conrod 0.50MM	6610-38-3041	6
Metal Conrod 0.75MM	6610-37-3041	6
Metal Conrod 1.00MM	6610-36-3041	6

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP6620	6
Piston Body C/W Clips	6620-31-2110	1
Pin Piston	6620-31-2410	1
Ring Set Piston	6620-31-2030	1
Liner Seal Kit	KMP-SK-NH220K	1
Liner	6610-21-2213	1
Piston Body C/W Clips	6620-31-2110	6
Piston Body C/W Clips	6657-31-2110	6
Piston Body	6685-31-2111	6
Piston Body & Pin	6685-31-2011	6
Piston, Pin & Clips	6620-31-2010	6
Piston, Pin & Clips	6657-31-2010	6
Pin Piston	6620-31-2410	6
Pin Piston	6685-31-2410	6
Retainer Piston Pin	6610-31-2130	12
Ring Set Piston	6620-31-2020	6
Ring Set Piston	6620-31-2030	6
Ring Set Piston	6685-31-2020	6
Ring Set Piston	6685-31-2030	6
Liner Seal Kit	KMP-SK-NH220K	6
Liner Seal	6610-21-2240	6
Liner	6610-21-2213	6
Liner & Seal Kit	6610-21-2022	6
Liner & Seal Kit	6610-21-2213S	6
Liner & Seal Kit	6710-21-2210S	6

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Loaded)	6610-10-1001	3
Sleeve Injector	6610-11-1130	6
Crosshead Guide	6610-11-1140	12
Shaft Cam Follower	6610-41-2140	6
Roller Valve Cam	6610-41-2340	3
Pin	6610-41-2350	12
Valve In	6610-41-4110	12
Valve Ex	6610-41-4210	12
Valve Collet	6600-01-3910	48
Valve Guide	6610-11-1311	24
Valve Insert In/Ex STD	6610-11-1220	12
Valve Insert In/Ex 0.25MM	6610-18-1220	12
Valve Spring	6610-41-4410	24
Seal Valve Stem	6610-71-7251	24
Screw	6610-41-2120	6
Push Rod	6610-41-3300	6
Push Rod	6710-41-3100	6
Push Rod	6710-41-3200	6



Injector

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KOMATSU NH220-C1 (Build 18A)

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Washer	6610-21-1720	14
Cylinder Block	6643-21-1016	1
Thrust Washer Camshaft	6610-41-1230	1
Plug	6620-41-1150	1
Gear Camshaft	6610-41-1210	1
Bush Set Camshaft (7 Pcs)	6610-21-1040	1
Camshaft C/W Gear	6680-41-1021	1
Camshaft W/O Gear	6680-41-1111	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Overhaul	6610-09-4000	1
Gasket Kit Upper	6610-09-2000	1
Gasket Kit Upper	6610-K1-9901	1
Gasket Kit Lower	6610-K2-9901	1
Gasket Cylinder Head	6610-11-1081	1
Gasket Valve Cover	6610-11-8810	3
Gasket Oil Pan	6623-21-5813	1
Gasket In Manifold	6610-11-4813	6
Gasket Ex Manifold	6620-11-5810	6
Gasket Ex Manifold	6685-11-5811	6
Gasket	6610-11-1711	A/R
Gasket	6610-11-3230	A/R
Gasket	6610-11-6331	A/R
Gasket	6610-11-7320	A/R
Gasket	6610-11-7812	A/R
Gasket	6610-21-1330	A/R
Gasket	6610-21-4580	A/R
Gasket	6610-41-2810	A/R
Gasket	6610-41-2820	A/R
Gasket	6610-51-1610	A/R
Gasket	6610-71-2811	A/R
Gasket	6610-71-8321	A/R
Gasket	6685-21-3813	A/R
Oil Seal	07013-00090	A/R
Oil Seal	6610-61-2170	A/R

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6620-51-1000	1
Oil Pump Gasket	6610-51-1620	1
Retainer	6620-61-5140	1
Core Oil Cooler	6620-61-5300	1

FUEL SYSTEM	PART No	QTY
Roller Injector	6610-41-2440	1
Governor Plunger Size 0	6610-71-1411	1
Washer	6610-71-1420	1
Carrier	6610-71-2051	1
Bushing	6610-71-2121	1
Seal	6610-71-2320	2
Gear	6610-71-2340	1
Valve Fuel Shutdown	6610-71-4010	1
Valve Fuel Shutdown	6610-71-4100	1
Bushing	6610-71-7120	1
Washer	6610-71-7231	1
Thrust Washer	6610-71-7241	1
Check Valve	6610-71-8190	1
Spider	6684-71-7712	1
Gear Pump Assy	6620-71-2073	1
Lock Pin Injector	6610-41-2370	3
Shaft	6610-71-2330	1
Screen	6610-71-8330	1
Injector	6620-11-3011	6
O-Ring Injector Cup	6610-11-3221	1
Injector Cup	6620-11-3030	6
Plunger	6610-71-2150	1
Plunger	6610-71-6530	1
Plunger	6610-76-1411	1

COOLING SYSTEM	PART No	QTY
Ball Bearing	6600-01-1231	1
Ball Bearing	6667-21-4630	1
Water Pump Assy	6676-62-1013	1
Water Pump Single Pulley	6676-63-1015	1
Water pump Assy	6678-61-1050	1
Water Pump Assy	6679-60-1002	1
Water Pump Gasket	6710-61-1231	1
Shaft Water Pump	6676-62-1310	1
Impeller Water Pump	6610-61-1031	1
Seal Water Pump	6610-61-1510	1
Thermostat	600-421-6630	1
Thermostat Gasket	6620-11-6431	1

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KOMATSU NH220-C1 (Build 18A)

FILTERS	PART No	QTY
Filter Screen	6610-71-3601	1
Filter Screen	6610-71-3700	1
Filter Fuel	6610-72-8600	1
Filter Oil	154-19-12130	1
Filter Oil (Cartridge)	6610-50-5100	1
Filter Oil Bypass	6610-51-5050	1
Valve Shut Off	6710-61-8411	2
Filter Water	6610-61-8211	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6620.IFK	1
Out-Of-Frame Kit	KMP6620.OFK	1
Overhaul Kit	KMP6620.EOK	1

APPLICATIONS

D60A-7 S/No. 40001-Up
 D60E-6 S/No. 20295-Up
 D60E-7 / D60-S7 S/No. 40001-Up
 D60P, PL-7 S/No. 40001-Up
 D65A, P-6 S/No. 20006-Up
 D65E-6 S/No. 20295-Up
 D65E-7 / D65P-7 / D65-S7 S/No. 40001-Up
 D65S-6 S/No. 20006-Up
 D68E, P1A S/No. B10001-Up
 D75S-2 S/No. 1004-Up
 D75S-3 S/No. 7001-Up
 D80A-12 S/No. 10001-24999
 D80E-12 S/No. 10001-24999
 D80P-12 S/No. 10001-24999
 D85A-12 S/No. 10001-Up
 D85E-12 S/No. 10001-24999
 GD605A-2 S/No. 53001-Up & 56001-Up
 GD655A-2 S/No. 63001-Up & 66001-Up
 D80E-12 S/No. 10001-24999
 D80P-12 S/No. 10001-24999
 D85A-12 S/No. 10001-Up
 D85E-12 S/No. 10001-24999
 GD605A-2 S/No. 53001-Up & 56001-Up
 GD655A-2 S/No. 63001-Up & 66001-Up

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KOMATSU N855-1 (Build 19A)

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6710-31-1112	1
Gear Crankshaft	6711-31-1120	1
Ring Dowel	6610-21-1730	1
Oil Seal	6711-21-3511	1
Front Seal	6711-29-3521	1
Rear Seal Single Lip	6710-29-1330	1
Rear Seal Double Lip	6711-29-1320	1
Main Metal Assy STD	6610-21-8070	1
Main Metal Assy 0.25MM	6610-29-8070	1
Main Metal Assy 0.50MM	6610-28-8070	1
Main Metal Assy 0.75MM	6610-27-8070	1
Main Metal Assy 1.00MM	6610-26-8070	1
Thrust Metal STD	6610-21-8051	1
Thrust Metal 0.25MM	6610-29-8051	1
Thrust Metal 0.50MM	6610-28-8051	1
Thrust Metal 0.75MM	6610-27-8051	1
Thrust Metal 1.00MM	6610-26-8051	1
Main & Thrust Metal Set STD	6610-21-8010	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6712	6
Piston Body	6712-31-2110	1
Pin Piston	6710-31-2410	1
Ring Set Piston	6710-31-2033	1
Liner Seal Kit	KMP-SK-NT855K	1
Liner	6710-21-2210	1
Piston Body	6712-31-2110	6
Piston, Pin & Clips	6712-31-2010	6
Pin Piston	6710-31-2410	6
Retainer Piston Pin	6610-31-2130	12
Retainer Piston Pin	6710-11-3250	12
Retainer Piston Pin	6712-61-1120	12
Ring Set Piston	6710-31-2033	6
Liner Seal Kit	KMP-SK-NT855K	6
Liner	6710-21-2210	6
Liner & Seal Kit	6710-21-2210S	6

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6710-31-3022	6
Bolt Conrod	6710-31-3312	12
Bushing Conrod	6710-31-3120	6
Metal Conrod STD	6710-31-3041	6
Metal Conrod STD	6712-31-3410	6
Metal Conrod 0.25MM	6710-39-3041	6
Metal Conrod 0.25MM	6712-39-3410	6
Metal Conrod 0.50MM	6710-38-3041	6
Metal Conrod 0.50MM	6712-38-3410	6
Metal Conrod 0.75MM	6710-37-3041	6
Metal Conrod 0.75MM	6712-37-3410	6
Metal Conrod 1.00MM	6710-36-3041	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6712-11-1100	3
Grommet	6610-11-1822	24
Plug	6710-11-1411	1
Plug	6710-11-1421	6
Plug	6710-11-1431	2
Sleeve Injector	6710-11-1130	6
Crosshead Guide	6610-11-1140	12
Crosshead Assy	6710-41-5610	12
Shaft Cam Follower	6610-41-2140	6
Roller Valve Cam	6610-41-2340	3
Pin	6610-41-2350	12
Screw	6610-41-2120	6
Valve In	6712-41-4110	12
Valve Ex	6710-41-4210	12
Valve Collet	6710-41-3910	48
Valve Guide	6710-11-1311	24
Valve Insert Ex	6710-11-1120	24
Valve Spring	6710-41-4410	24
Retainer Valve Spring Upper	6710-41-4511	24
Retainer Valve Spring Lower	6710-41-4530	12
Rocker Arm Bush	6710-41-5531	3
Screw Rocker Arm	6710-41-5351	6
Push Rod	6610-41-3300	6
Push Rod	6710-41-3200	6
Capscrew Cyl Head	6710-11-1610	36
Screw	6710-71-8320	8



Main Metal Assy 0.25MM

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KOMATSU N855-1 (Build 19A)

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Washer	6610-21-1720	14
Cylinder Block	6712-21-1021	1
Thrust Washer Camshaft	6610-41-1230	1
Plug	6620-41-1150	1
Gear Camshaft	6710-41-1211	1
Bush Set Camshaft (7 Pcs)	6610-21-1040	1
Camshaft C/W Gear	6680-41-1021	1
Camshaft W/O Gear	6680-41-1111	1

GASKET KITS & COMPONENTS

	PART No	QTY
Gasket Kit Upper	6711-K1-9901	1
Gasket Kit Lower	6711-K2-9901	1
Gasket Cylinder Head	6710-11-1081	1
Gasket Valve Cover	6710-11-8810	3
Gasket Valve Cover	6711-11-8810	3
Gasket Oil Pan	6623-21-5813	1
Gasket In Manifold	6610-11-4813	6
Gasket Ex Manifold	6685-11-5811	6
Gasket	6127-81-2810	A/R
Gasket	6610-21-1330	A/R
Gasket	6610-21-1350	A/R
Gasket	6610-21-4580	A/R
Gasket	6610-41-2810	A/R
Gasket	6610-41-2820	A/R
Gasket	6610-41-2831	A/R
Gasket	6610-61-5812	A/R
Gasket	6610-71-2811	A/R
Gasket	6710-11-7811	A/R
Gasket	6710-21-3810	A/R
Gasket	6710-61-5811	A/R
Gasket	6710-61-6821	A/R
Gasket	6710-71-2410	A/R
Gasket	6710-71-7921	A/R

LUBRICATING OIL SYSTEM

	PART No	QTY
Oil Pump	6659-52-1010	1
Oil Pump Gasket	6610-51-1620	1
Oil Pump Gasket	6610-51-1812	1
Retainer	6620-61-5140	1
Core Oil Cooler	6620-61-5300	1

FUEL SYSTEM

	PART No	QTY
Roller Injector	6610-41-2440	1
Washer	6610-71-1420	1
Carrier	6610-71-2051	1
Bushing	6610-71-2121	1
Bushing	6610-71-7120	1
Washer	6610-71-7231	1
Thrust Washer	6610-71-7241	1
Check Valve	6610-71-8190	1
Spider	6684-71-7712	1
Oil Seal	6710-71-2322	2
Shaft	6710-71-2330	1
Gear Pump Assy	6620-71-2073	1
Wear Sleeve Pulley	6710-71-7520	1
Lock Pin Injector	6610-41-2370	3
Spring Injector	6710-11-3350	6
Pin Injector	6710-11-3360	12
Screen	6710-11-3381	6
Gear	6710-71-2110	1
Sleeve	6710-71-2350	1
Injector	6712-11-3011	6
Thrust Washer	6710-71-1660	1
Seal	6710-71-1910	1
Wire Seal	6710-71-2740	6
Plunger	6610-71-2150	6
Plunger	6610-71-6530	6
Plunger	6710-71-1410	6
Plunger & Barrel	6710-11-3020	6
Injector Cup	6711-11-3211	6

COOLING SYSTEM

	PART No	QTY
Ball Bearing	06000-06305	2
Wear Sleeve Water Pump	6711-61-1150	1
Spacer	6712-61-1130	1
Water Pump Assy	6712-62-1100	1
Shaft Water Pump	6711-61-1312	1
Impeller Water Pump	6712-61-1320	1
Seal Water Pump	6211-61-1530	1
Snap Ring	6676-62-1120	1
Seal Water Pump	6711-61-1330	1
Seal Water Pump	6711-61-1340	1
Seal Water Pump	6711-61-1380	1
Thermostat	600-421-6630	1
Thermostat Hsg Gasket	6711-11-6431	1

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KOMATSU N855-1 (Build 19A)

FILTERS	PART No	QTY
Filter Fuel	600-311-8321	2
Filter Oil	600-211-1231	1
Filter Oil Bypass	6610-51-5050	1
Valve Shut Off	6710-61-8411	2

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6712.IFK	1
Out-Of-Frame Kit	KMP6712.OFK	1
Overhaul Kit	KMP6712.EOK	1

APPLICATIONS

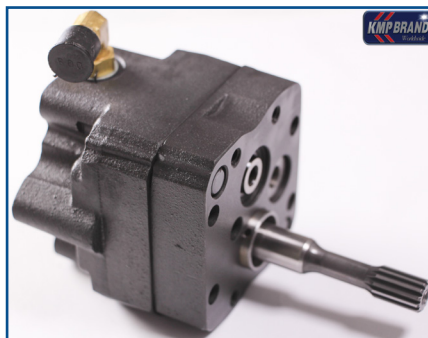
PC300-1 S/No. 1001-Up
 PC300-2 S/No. 11001-Up
 PC300LC-1 S/No. 11001-Up
 PC300LC-2 S/No. 11001-Up



Plunger & Barrel



Plunger



Gear Pump Assy

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KOMATSU NTA855-1 (Build 19B)

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft W/O Gear	6710-31-1112	1
Gear Crankshaft	6711-31-1120	1
Ring Dowel	6610-21-1730	1
Oil Seal	6711-21-3511	1
Front Seal	6711-29-3521	1
Rear Seal Double Lip	6711-29-1320	1
Main Metal Assy STD	6610-21-8070	1
Main Metal Assy STD	6710-21-8070	1
Main Metal Assy 0.25MM	6610-29-8070	1
Main Metal Assy 0.25MM	6710-29-8070	1
Main Metal Assy 0.50MM	6610-28-8070	1
Main Metal Assy 0.50MM	6710-28-8070	1
Main Metal Assy 0.75MM	6610-27-8070	1
Main Metal Assy 0.75MM	6710-27-8070	1
Main Metal Assy 1.00MM	6610-26-8070	1
Main Metal Assy 1.00MM	6710-26-8070	1
Thrust Metal STD	6610-21-8051	1
Thrust Metal 0.25MM	6610-29-8051	1
Thrust Metal 0.50MM	6610-28-8051	1
Thrust Metal 0.75MM	6610-27-8051	1
Thrust Metal 1.00MM	6610-26-8051	1
Main & Thrust Metal Set STD	6610-21-8010	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6710-31-3022	6
Bolt Conrod	6610-31-3311	12
Bolt Conrod	6710-31-3312	12
Nut Conrod	6610-31-3320	12
Bushing Conrod	6710-31-3120	6
Metal Conrod STD	6710-31-3041	6
Metal Conrod STD	6712-31-3410	6
Metal Conrod 0.25MM	6710-39-3041	6
Metal Conrod 0.25MM	6712-39-3410	6
Metal Conrod 0.50MM	6710-38-3041	6
Metal Conrod 0.50MM	6712-38-3410	6
Metal Conrod 0.75MM	6710-37-3041	6
Metal Conrod 0.75MM	6712-37-3410	6
Metal Conrod 1.00MM	6710-36-3041	6

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP6710	6
Piston Body C/W Clips	6710-31-2111	1
Pin Piston	6710-31-2410	1
Ring Set Piston	6710-31-2033	1
Liner Seal Kit	KMP-SK-NT855K	1
Liner	6710-21-2210	1
Piston Body C/W Clips	6710-31-2111	6
Piston, Pin & Clips	6710-31-2011	6
Pin Piston	6710-31-2410	6
Retainer Piston Pin	6610-31-2130	12
Retainer Piston Pin	6710-11-3250	12
Retainer Piston Pin	6712-61-1120	12
Ring Set Piston	6710-31-2033	6
Piston Ring Assy (Set Of 6)	6710-31-2023	1
Liner Seal Kit	KMP-SK-NT855K	6
Liner	6710-21-2210	6
Liner & Seal Kit	6710-21-2210S	6

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Loaded)	6711-11-1010	3
Cylinder Head (Bare)	6710-11-1004	3
Grommet	6610-11-1822	24
Plug	6710-11-1411	1
Plug	6710-11-1421	6
Plug	6710-11-1431	2
Sleeve Injector	6710-11-1130	6
Shaft Cam Follower	6610-41-2140	6
Roller Valve Cam	6610-41-2340	3
Screw	6610-41-2120	6
Valve In	6712-41-4110	12
Valve Ex	6710-41-4210	12
Valve Collet	6710-41-3910	48
Valve Guide	6710-11-1311	24
Valve Insert In	6711-11-1120	12
Valve Insert Ex	6710-11-1120	12
Valve Spring	6710-41-4410	24
Retainer Valve Spring Upper	6710-41-4511	24
Retainer Valve Spring Lower	6710-41-4530	24
Rocker Arm Bush	6710-41-5531	3
Screw Rocker Arm	6710-41-5351	6
Push Rod	6610-41-3300	6
Push Rod	6710-41-3200	6
Capscrew Cyl Head	6710-11-1610	36
Screw	6710-71-8320	8

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KOMATSU NTA855-1 (Build 19B)

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Washer	6610-21-1720	14
Cylinder Block	6710-21-1024	1
Cylinder Block	6710-21-1032	1
Cylinder Block	6710-21-1040	1
Cylinder Block	6710-21-1050	1
Thrust Washer Camshaft	6610-41-1230	1
Gear Camshaft	6710-41-1211	1
Bush Set Camshaft (7 Pcs)	6610-21-1040	1
Camshaft W/O Gear	6685-41-1011	1
Nozzle Piston Cooling	6710-21-6800	6

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6711-K1-9901	1
Gasket Kit Lower	6711-K2-9901	1
Gasket Cylinder Head	6710-11-1081	1
Gasket Valve Cover	6710-11-8810	3
Gasket Oil Pan	6623-21-5813	1
Gasket In Manifold	6610-11-4813	6
Gasket Ex Manifold	6685-11-5811	6
Gasket	6610-21-1330	A/R
Gasket	6610-21-1350	A/R
Gasket	6610-41-2810	A/R
Gasket	6610-41-2820	A/R
Gasket	6610-71-2811	A/R
Gasket	6710-11-4221	A/R
Gasket	6710-11-6330	A/R
Gasket	6710-11-7811	A/R
Gasket	6710-21-3810	A/R
Gasket	6710-61-1810	A/R
Gasket	6710-61-5160	A/R
Gasket	6710-61-5811	A/R
Gasket	6710-71-2410	A/R
Gasket	6710-71-7921	A/R
Gasket	6711-81-9510	A/R

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6710-51-1001	1
Oil Pump	6710-52-1000	1
Ring	6710-61-5140	2
Core Oil Cooler	6710-61-5300	1
Core Aftercooler	6710-61-6112	1
Gasket Oil Cooler	6710-61-5251	1

FUEL SYSTEM	PART No	QTY
Roller Injector	6610-41-2440	1
Governor Plunger Size 0	6610-71-1411	1
Washer	6610-71-1420	1
Carrier	6610-71-2051	1
Bushing	6610-71-2121	1
Bushing	6610-71-7120	1
Gear	6610-71-2340	1
Valve Fuel Shutdown	6610-71-4010	1
Valve Fuel Shutdown	6610-71-4100	1
Washer	6610-71-7231	1
Thrust Washer	6610-71-7241	1
Check Valve	6610-71-8190	1
Spider	6684-71-7712	1
Gear	6710-71-1630	1
Shaft	6710-71-2330	1
Gear Pump Assy	6620-71-2073	1
Wear Sleeve Pulley	6710-71-7520	1
Lock Pin Injector	6610-41-2370	3
Shaft	6610-71-2330	1
Spring Injector	6710-11-3350	6
Pin Injector	6710-11-3360	12
Screen	6710-11-3381	6
Gear	6710-71-2110	1
Sleeve	6710-71-2350	1
Injector	6711-11-3011	6
Thrust Washer	6710-71-1660	6
Seal	6710-71-1910	6
Wire Seal	6710-71-2740	6
Plunger	6610-71-2150	6
Plunger	6610-71-6530	6
Plunger	6710-71-1410	6
Plunger	6712-51-1710	6
Plunger & Barrel	6710-11-3020	6
Injector Cup	6711-11-3211	6

COOLING SYSTEM	PART No	QTY
Ball Bearing	6710-61-1360	1
Wear Sleeve Water Pump	6711-61-1150	1
Water Pump Assy	6710-61-1301	1
Shaft Water Pump	6710-61-1310	1
Impeller Water Pump	6710-61-1321	1
Seal Water Pump	6211-61-1530	1
Seal Water Pump	6710-61-1930	1
Seal Water Pump	6711-61-1330	1
Thermostat	600-421-6630	1
Thermostat Gasket	6711-11-6430	1
Thermostat Hsg Gasket	6711-11-6431	1

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KOMATSU NTA855-1 (Build 19B)

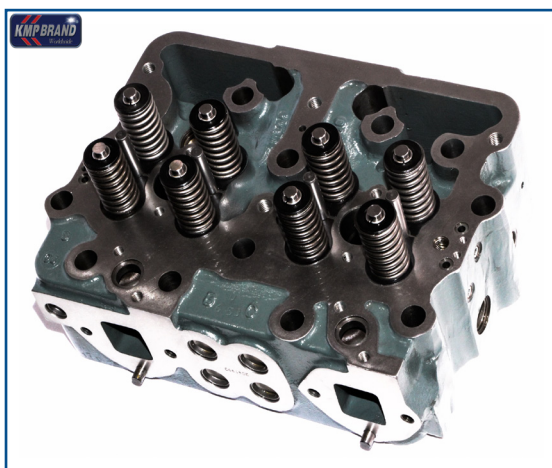
FILTERS	PART No	QTY
Filter Fuel	600-311-8321	2
Filter Fuel	6610-70-8603	1
Filter Oil	600-211-1231	1
Filter Oil Bypass	6610-51-5050	1
Filter Oil	6710-50-5101	1
Valve Shut Off	6710-61-8411	2

ENGINE KITS	PART No	QTY
In Frame Kit	KMP6710.IFK	1
Out-Of-Frame Kit	KMP6710.OFK	1
Overhaul Kit	KMP6710.EOK	1

APPLICATIONS

HD320-2 S/No. 1005-Up

HD320-3 S/No. 2501-Up



Cylinder Head (Loaded)



Valve Train Items

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KOMATSU NT855-1 (Build 19C)

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft W/O Gear	6710-31-1112	1
Gear Crankshaft	6711-31-1120	1
Ring Dowel	6610-21-1730	7
Oil Seal	6711-21-3511	1
Front Seal	6711-29-3521	1
Rear Seal Double Lip	6711-29-1320	1
Main Metal Assy STD	6610-21-8070	1
Main Metal Assy 0.25MM	6610-29-8070	1
Main Metal Assy 0.50MM	6610-28-8070	1
Main Metal Assy 0.75MM	6610-27-8070	1
Main Metal Assy 1.00MM	6610-26-8070	1
Thrust Metal STD	6610-21-8051	1
Thrust Metal 0.25MM	6610-29-8051	1
Thrust Metal 0.50MM	6610-28-8051	1
Thrust Metal 0.75MM	6610-27-8051	1
Thrust Metal 1.00MM	6610-26-8051	1
Main & Thrust Metal Set STD	6610-21-8010	1

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6711	6
Piston Body C/W Clips	6711-31-2110	1
Pin Piston	6710-31-2410	1
Ring Set Piston	6710-31-2033	1
Liner Seal Kit	KMP-SK-NT855K	1
Liner	6710-21-2210	1
Piston Body C/W Clips	6711-31-2110	6
Piston, Pin & Clips	6711-31-2010	6
Pin Piston	6710-31-2410	6
Retainer Piston Pin	6610-31-2130	12
Retainer Piston Pin	6710-11-3250	12
Retainer Piston Pin	6712-61-1120	12
Ring Set Piston	6710-31-2033	6
Piston Ring Assy (Set Of 6)	6710-31-2023	1
Liner Seal Kit	KMP-SK-NT855K	6
Liner	6710-21-2210	6
Liner & Seal Kit	6710-21-2210S	6

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6710-31-3022	6
Bolt Conrod	6710-31-3312	12
Bushing Conrod	6710-31-3120	6
Metal Conrod STD	6710-31-3041	6
Metal Conrod 0.25MM	6710-39-3041	6
Metal Conrod 0.50MM	6710-38-3041	6
Metal Conrod 0.75MM	6710-37-3041	6
Metal Conrod 1.00MM	6710-36-3041	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Loaded)	6711-11-1010	3
Cylinder Head (Bare)	6710-11-1004	3
Plug	6710-11-1411	1
Plug	6710-11-1421	6
Plug	6710-11-1431	2
Sleeve Injector	6710-11-1130	6
Shaft Cam Follower	6610-41-2140	6
Roller Valve Cam	6610-41-2340	3
Pin	6610-41-2350	12
Screw	6610-41-2120	6
Valve In	6712-41-4110	12
Valve Ex	6710-41-4210	12
Valve Collet	6710-41-3910	48
Valve Guide	6710-11-1311	24
Valve Insert In	6711-11-1120	12
Valve Spring	6710-41-4410	24
Retainer Valve Spring Upper	6710-41-4511	24
Retainer Valve Spring Lower	6710-41-4530	24
Rocker Arm Bush	6710-41-5531	3
Screw Rocker Arm	6710-41-5351	6
Push Rod	6610-41-3300	6
Push Rod	6710-41-3200	6
Capscrew Cyl Head	6710-11-1610	36
Screw	6710-71-8320	8



Main & Thrust Metal Set STD

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KOMATSU NT855-1 (Build 19C)

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Washer	6610-21-1720	14
Cylinder Block	6710-21-1014	1
Cylinder Block	6710-21-1024	1
Thrust Washer Camshaft	6610-41-1230	1
Gear Camshaft	6710-41-1211	1
Bush Set Camshaft (7 Pcs)	6610-21-1040	1
Camshaft W/O Gear	6685-41-1011	1
Nozzle Piston Cooling	6710-21-6800	6

GASKET KITS & COMPONENTS

	PART No	QTY
Gasket Kit Upper	6711-K1-9901	1
Gasket Kit Lower	6711-K2-9901	1
Gasket Cylinder Head	6710-11-1081	1
Gasket Valve Cover	6710-11-8810	3
Gasket Valve Cover	6711-11-8810	3
Gasket Oil Pan	6623-21-5813	1
Gasket In Manifold	6610-11-4813	6
Gasket Ex Manifold	6685-11-5811	6
Gasket	6610-21-1330	A/R
Gasket	6610-21-1350	A/R
Gasket	6610-21-4580	A/R
Gasket	6610-41-2082	A/R
Gasket	6610-41-2810	A/R
Gasket	6610-41-2820	A/R
Gasket	6610-71-2811	A/R
Gasket	6710-11-7811	A/R
Gasket	6710-21-3810	A/R
Gasket	6710-61-5160	A/R
Gasket	6710-61-5811	A/R
Gasket	6710-71-2410	A/R
Gasket	6710-71-7921	A/R
Gasket	6711-81-9510	A/R

LUBRICATING OIL SYSTEM

	PART No	QTY
Oil Pump	6710-51-1001	1
Oil Pump Gasket	6610-51-1812	1
Ring	6710-61-5140	2
Core Oil Cooler	6711-61-5300	1
Oil Cooler Assy	6711-61-9202	2
Oil Cooler Assy	6711-61-9300	1
Gasket Oil Cooler	6710-61-5251	1

FUEL SYSTEM

	PART No	QTY
Roller Injector	6610-41-2440	1
Washer	6610-71-1420	1
Bushing	6610-71-2121	1
Bushing	6610-71-7120	1
Washer	6610-71-7231	1
Thrust Washer	6610-71-7241	1
Check Valve	6610-71-8190	1
Spider	6684-71-7712	1
Gear	6710-71-1630	1
Oil Seal	6710-71-2322	2
Shaft	6710-71-2330	1
Gear Pump Assy	6620-71-2073	1
Wear Sleeve Pulley	6710-71-7520	1
Lock Pin Injector	6610-41-2370	3
Spring Injector	6710-11-3350	6
Pin Injector	6710-11-3360	12
Screen	6710-11-3381	6
Gear	6710-71-2110	1
Sleeve	6710-71-2350	1
Injector	6711-11-3011	6
Thrust Washer	6710-71-1660	6
Seal	6710-71-1910	6
Wire Seal	6710-71-2740	6
Plunger	6610-71-2150	6
Plunger	6610-71-6530	6
Plunger	6710-71-1410	6
Plunger	6712-51-1710	6
Plunger & Barrel	6710-11-3020	6
Injector Cup	6711-11-3211	6

COOLING SYSTEM

	PART No	QTY
Wear Sleeve Water Pump	6711-61-1150	1
Water Pump Assy	6711-62-1101	1
Shaft Water Pump	6711-61-1312	1
Impeller Water Pump	6711-61-1320	1
Seal Water Pump	6211-61-1530	1
Seal Water Pump	6711-61-1330	1
Thermostat	600-421-6630	1
Thermostat Gasket	6711-11-6430	1
Thermostat Hsg Gasket	6711-11-6431	1

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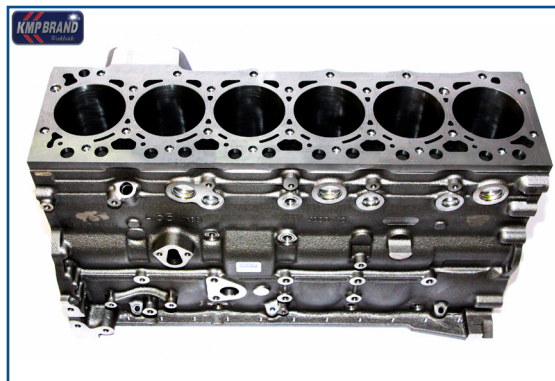
KOMATSU NT855-1 (Build 19C)

FILTERS	PART No	QTY
Filter Fuel	600-311-8321	2
Filter Fuel	6610-70-8603	1
Filter Oil	600-211-1231	1
Filter Oil Bypass	6610-51-5050	1
Pre cleaner	600-181-5710	1
Valve Shut Off	6710-61-8411	2

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6711.IFK	1
Out-Of-Frame Kit	KMP6711.OFK	1
Overhaul Kit	KMP6711.EOK	1

APPLICATIONS

PC400-1 S/No. 10001-Up
 PC400LC-1 S/No. 10001-Up
 D80P-18 S/No. 2001-Up
 D85A-18 S/No. 25001-Up
 D85E-18 S/No. 25001-Up
 D85P-18 S/No. 25001-Up
 D95S-2 S/No. 2001-Up



Cylinder Block



Camshaft W/O Gear



Gear Camshaft



Bush Set Camshaft (7 Pcs)

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KOMATSU N14 (Build 20A)

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Crankshaft W/O Gear	3064291	1
Gear Crankshaft	3073344	1
Key	210179	1
Front Seal	3020183	1
Rear Seal Single Lip	3006737	1
Main & Thrust Metal Set STD	3801260	1
Main & Thrust Metal Set 0.25MM	3801261	1
Main & Thrust Metal Set 0.50MM	3801262	1
Main & Thrust Metal Set 0.75MM	3801263	1
Main & Thrust Metal Set 1.00MM	3801264	1
Thrust Metal STD	3067568	4

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Bare)	3411814	3
Sleeve Injector	3406702	6
Valve Kit In	3803854	12
Valve Kit Ex	3803726	12
Valve Collet	3072369	48
Valve Guide	3064312	24
Valve Insert In	3084020	12
Valve Insert Ex	3076515	12
Valve Spring	3070460	24
Push Rod	3066291	6
Push Rod	3073499	6
Capscrew Cyl Head	3071161	36

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	3078330	6
Bolt Conrod	3349806	12
Bushing Conrod	3064295	6
Metal Conrod STD	3055145	12
Metal Conrod 0.25MM	3055146	12
Metal Conrod 0.50MM	3055147	12
Metal Conrod 0.75MM	3055148	12
Metal Conrod 1.00MM	3055149	12

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Lockplate	3009213	1
Ring Dowel	3037045	1
Cylinder Block	3803718	1
Gear Camshaft	3073343	1
Bush Set Camshaft	3801106	1
Camshaft W/O Gear	3800855	1

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP3803	6
Piston Kit C/W Clips	3803741	1
Pin Piston	3064304	1
Ring Set Piston	4089489	1
Liner & Seal Kit	6710-21-2210S	1
Piston Kit C/W Clips	3803741	6
Pin Piston	3064304	6
Retainer Piston Pin	3064305	12
Ring Set Piston	4089489	6
Liner Seal Kit	KMP-SK-NT855K	6
Liner	6710-21-2210	6
Liner & Seal Kit	6710-21-2210S	6

GASKET KITS & COMPONENTS

	PART No	QTY
Gasket Kit Upper	4089368	1
Gasket Kit Upper	4089371	1
Gasket Kit Lower	4025069	1
Gasket Cylinder Head	4058790	1
Gasket Rocker Cover	3066311	3
Gasket Oil Pan	3099083	1
Gasket In Manifold	3084382	6
Gasket Ex Manifold	3020943	6
Gasket Cam Box	3068473	1
Gasket Lub Oil Cooler Housing	3069678	2
Gasket Filter Head	3071736	1
Gasket Gear Cover	4058949	1
Gasket Rocker Lever Housing	4058981	3
Gasket	3070477	A/R

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KOMATSU N14 (Build 20A)

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	3803369	1
Oil Cooler	3413091	1
Gasket Oil Cooler Support	3066298	1

FUEL SYSTEM	PART No	QTY
Injector	3095023	6
Plunger & Barrel	3084892	6
Injector Cup	3095024	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	3804826	1
Shaft Water Pump	3064392	1
Impeller Water Pump	3064386	1
Seal Water Pump	3609920	1
Oil Thermostat	3059408	1
Thermostat	3411335	1
Thermostat Hsg Gasket	3865236	1

FILTERS	PART No	QTY
Filter Oil	3401544	2
Filter Fuel Separator	3315843	2
Filter Water	4058965	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP3741.IFK	1
Out-Of-Frame Kit	KMP3741.OFK	1
Overhaul Kit	KMP3741.EOK-A	1

APPLICATIONS

PC600-6KL/6-W1 S/No.1001-Up

PC600LC-6/6-KJ/6-W1 S/No.1001-Up

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KOMATSU SAA6D107E-1 (Build 26A) Engine S/No. 26500006-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Collar	6754-31-1190	1
Crankshaft W/O Gear	6754-31-1110	1
Crankshaft C/W Gear	6754-01-1310	1
Gear Crankshaft	6754-31-1340	1
Front Seal	6754-21-6230	1
Rear Seal STD	6736-21-4221	1
Rear Seal O/S	6736-39-1170	1
Rear Seal & Sleeve Kit (Wet)	6736-39-1130	1
Wear Sleeve (Rear) O/S	6736-39-1160	1
Main Metal Assy 0.25 MM	6754-29-8320	6
Main Metal Assy 0.50 MM	6754-28-8320	6
Main Metal Assy 0.75MM	6735-28-8100	6
Main Metal Assy 0.75 MM	6754-27-8320	6
Main Metal Assy 1.00 MM	6754-26-8320	6
Thrust Assy STD	6754-22-8310	1
Thrust Assy 0.25MM	6754-29-8310	1
Thrust Assy 0.50MM	6754-28-8310	1
Thrust Assy 1.00MM	6731-21-8620	1
Main & Thrust Metal Set STD	6754-22-8100	1
Main & Thrust Metal Set 0.50MM	6754-28-8100	1
Main & Thrust Metal Set 0.75MM	6754-27-8310	1
Main & Thrust Metal Set 1.00MM	6754-26-8100	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6737-32-3121	6
Bolt Conrod	6732-31-3320	12
Bushing Conrod	6732-31-3132	12
Metal Conrod (Lower) STD	6732-31-3420	6
Metal Conrod (Upper) STD	6754-31-3410	6
Metal Conrod (Upper) STD	6754-32-3410	6
Metal Conrod (Upper) 0.25MM	6736-39-3400	6
Metal Conrod (Lower) 0.25MM	6738-39-3400	6
Metal Conrod (Upper) 0.50MM	6736-38-3400	6
Metal Conrod (Lower) 0.50MM	6738-38-3400	6
Metal Conrod (Upper) 0.75MM	6736-37-3400	6
Metal Conrod (Lower) 0.75MM	6738-37-3400	6
Metal Conrod (Upper) 1.00MM	6736-36-3400	6
Metal Conrod (Lower) 1.00MM	6738-36-3400	6

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP5160	6
Piston, Clips, Pin & Rings	6754-32-2110	1
Liner	4919951	1
Piston, Clips, Pin & Rings	6754-32-2110	6
Pin Piston	6754-31-2410	6
Retainer Piston Pin	6731-31-2420	12
Ring Set Piston	6754-31-2010	6
Liner	4919951	6

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Loaded)	6754-11-1211	1
Cylinder Head (Bare)	6754-11-1100	1
Tappet	6754-41-2110	12
Valve Kit In	6754-41-4100	12
Valve Kit Ex	6754-41-4200	12
Valve Collet	6744-11-1020	24
Valve Insert In	6754-11-1170	12
Valve Insert Ex	6754-11-1180	12
Valve Spring	6754-41-4430	24
Seal Valve Stem	6754-41-4540	24
Retainer Valve Spring Upper/Lower	6754-41-4510	24
Push Rod	6754-41-3110	12
Capscrew Cyl Head	6754-11-1610	26

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6754-21-1310	1
Gear Camshaft	6754-41-1150	1
Bush Camshaft	6732-21-1411	2
Bush Camshaft	6732-21-1412	2
Camshaft W/O Gear	6754-41-1170	1
Nozzle Piston Cooling	6754-21-1191	6



Crankshaft C/W Gear

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KOMATSU SAA6D107E-1 (Build 26A) Engine S/No. 26500006-Up

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6754-22-9120	1
Gasket Kit Lower	6754-22-9130	1
Gasket Cylinder Head	6754-11-1811	1
Gasket Rocker Box	6754-11-7120	1
Gasket Valve Cover	6754-11-8180	1
Gasket Oil Pan	6754-21-5840	1
Gasket Maker 30Z. (85g)	TB1207C	1
Gasket Turbo	6754-81-8710	1
Gasket In Manifold	6754-11-4120	1
Gasket In Manifold	6754-11-4280	1
Gasket Ex Manifold	6754-11-5141	6
Gasket Oil Drain	6754-51-8121	1

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6754-51-1100	1
Valve Pressure Relief	6731-61-2151	1
Core Oil Cooler	6754-61-2110	1
Gasket Oil Cooler	6754-61-2320	1
Gasket Oil Cooler Cover	6754-51-4440	1

FUEL SYSTEM	PART No	QTY
Injector	6754-11-3011	6
Injector O-Ring	6754-11-3140	6
Seal Washer	07005-00812	1
Washer	6754-11-3130	6

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6754-61-1100	1
Seal Water Pump	6736-61-1520	1
Thermostat	6754-61-6212	1
Thermostat Seal	6754-61-6230	1

FILTERS	PART No	QTY
Air Filter Outer	600-185-5110	1
Element Assy	600-185-5100	1
Filter Fuel	6754-71-6130	1
Engine Filter Kit	SAA6D170FK-1	1
Filter Oil	6736-51-5142	1
Filter Transmission	195-15-75560	1
Filter Fuel Separator	600-311-9732	1
Filter Fuel Separator	600-319-3610	1
Filter Water	600-311-9971	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP5160.IFK	1
Out-Of-Frame Kit	KMP5160.OFK	1
Overhaul Kit	KMP5160.EOK	1

APPLICATIONS

PC200-7

PC200LC-8

PC210-8



Water Pump Assy

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KOMATSU 4D120-11F/G (Build 27A) Engine S/No. 50025-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6110-30-1201	1
Gear Crankshaft	6110-33-1130	1
Front Seal	07012-00075	1
Rear Seal	6610-21-1321	1
Main Metal Assy STD	6110-20-8070	1
Main Metal Assy 0.25MM	6110-29-8070	1
Main Metal Assy 0.50MM	6110-28-8070	1
Main Metal Assy 0.75MM	6110-27-8070	1
Main Metal Assy 1.00MM	6110-26-8070	1
Thrust Metal STD	6114-20-8050	1
Thrust Metal 0.25MM	6114-29-8050	1
Thrust Metal 0.50MM	6114-28-8050	1
Thrust Metal 0.75MM	6112-27-8050	1
Thrust Metal 1.00MM	6112-26-8050	1
Main & Thrust Metal Set STD	6114-20-8010	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6110-33-3102	4
Bolt Conrod	6110-31-3315	8
Nut Conrod	6110-31-3322	8
Bushing Conrod	6110-33-3120	4
Bushing Conrod	6610-71-1620	4
Metal Conrod STD	6114-30-3500	4
Metal Conrod 0.25MM	6114-39-3500	4
Metal Conrod 0.50MM	6114-38-3500	4
Metal Conrod 0.75MM	6114-37-3500	4
Metal Conrod 1.00MM	6114-36-3500	4

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6110	4
Piston Body C/W Clips	6110-33-2132	1
Pin Piston	6110-31-2410	1
Ring Set Piston	6110-30-2402	1
Liner Seal	6110-21-2230	1
Liner	6110-21-2212	1
Piston Body C/W Clips	6110-33-2132	4
Pin Piston	6110-31-2410	4
Retainer Piston Pin	04065-05220	8
Retainer Piston Pin	6110-31-2120	8
Ring Set Piston	6110-30-2402	4
Piston Ring Assy (Set Of 4)	6110-30-2303	1
Liner Pin	6110-21-2220	4
Liner Seal	6110-21-2230	8
Liner	6110-21-2212	4
Liner & Seal Kit	6110-21-2212S	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6110-10-1126	1
Tappet	6110-43-2110	8
Valve In	6110-43-4110	4
Valve Ex	6110-43-4210	4
Valve Collet	6110-40-4500	16
Valve Guide	6110-13-1311	8
Valve Insert In	6110-13-1181	4
Valve Insert Ex	6110-13-1171	4
Valve Spring In	6112-43-4410	8
Valve Spring Out	6112-43-4420	8
Retainer Valve Spring Upper	6110-41-4540	8
Retainer Valve Spring Lower	6110-41-4530	8
Retainer Valve Spring Lower	6110-43-4530	8
Rocker Arm Bush	6110-23-1442	10
Push Rod	6110-43-3110	8
Capscrew Cyl Head	6110-13-1612	26

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Bushing	6110-33-6120	2
Cylinder Block	6110-25-1294	1
Gear Camshaft	6110-43-1120	1
Bush Camshaft	6110-23-1410	3
Camshaft C/W Gear	6112-40-1100	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6110-K1-9901	1
Gasket Kit Lower	6110-K2-9901	1
Gasket Cylinder Head	6110-13-1811	1
Gasket Valve Cover	6110-11-8811	1
Gasket Oil Pan	6110-23-5813	1
Gasket In Manifold	6110-11-4811	2
Gasket Ex Manifold	6110-11-5811	4

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6110-53-1007	1
Oil Pump	6112-51-1104	1
Core Oil Cooler	6110-63-2110	1

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KOMATSU 4D120-11F/G (Build 27A) Engine S/No. 50025-Up

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	ND092100-0671	1
O-Ring	6110-11-2820	4
Gasket	6110-11-2122	1
Gasket	6110-13-2813	4

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6110-63-1105	1
Water Pump Assy	6110-63-1902	1
Shaft Water Pump	6110-63-1310	1
Impeller Water Pump	6110-63-1320	1
Seal Water Pump	6110-63-1512	1
Thermostat	6110-13-6311	1
Thermostat Hsg Gasket	6110-13-6451	1

FILTERS	PART No	QTY
Element Assy	6110-80-7300	1
Filter Fuel	6110-70-6202	1
Filter Oil	6120-50-5103	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6110.IFK	1
Out-Of-Frame Kit	KMP6110.OFK	1
Overhaul Kit	KMP6110.EOK	1

APPLICATIONS

GD31-3H

GD37-5H



Thermostat

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KOMATSU S4D120-11A/B/D/G (Build 27B) Engine S/No. 50006-Up

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft C/W Gear	6110-30-1201	1
Gear Crankshaft	6110-33-1120	1
Gear Crankshaft	6112-31-1130	1
Front Seal	07012-00075	1
Rear Seal	6610-21-1321	1
Main Metal Assy STD	6110-20-8070	1
Main Metal Assy 0.25MM	6110-29-8070	1
Main Metal Assy 0.50MM	6110-28-8070	1
Main Metal Assy 0.75MM	6110-27-8070	1
Main Metal Assy 1.00MM	6110-26-8070	1
Thrust Metal STD	6114-20-8050	1
Thrust Metal 0.25MM	6114-29-8050	1
Thrust Metal 0.50MM	6114-28-8050	1
Thrust Metal 0.75MM	6112-27-8050	1
Thrust Metal 1.00MM	6112-26-8050	1
Main & Thrust Metal Set STD	6114-20-8010	1

CONNECTING ROD & RELATED PARTS	PART No	QTY
Conrod	6112-33-3101	4
Bolt Conrod	6110-31-3315	8
Nut Conrod	6110-31-3322	8
Bushing Conrod	6110-33-3120	4
Metal Conrod STD	6114-30-3500	4
Metal Conrod 0.25MM	6114-39-3500	4
Metal Conrod 0.50MM	6114-38-3500	4
Metal Conrod 0.75MM	6114-37-3500	4
Metal Conrod 1.00MM	6114-36-3500	4

CYLINDER KIT & COMPONENTS	PART No	QTY
Cylinder Kit	KMP6113	4
Piston Body C/W Clips	6113-31-2110	1
Pin Piston	6110-31-2410	1
Retainer Piston Pin	6110-31-2120	2
Ring Set Piston	6113-30-2401	1
Liner & Seal Kit	6110-21-2212S	1
Piston Body C/W Clips	6113-31-2110	4
Pin Piston	6110-31-2410	4
Retainer Piston Pin	6110-31-2120	8
Ring Set Piston	6113-30-2401	4
Liner Pin	6110-21-2220	4
Liner Seal	6110-21-2230	8
Liner	6110-21-2212	4
Liner & Seal Kit	6110-21-2212S	4

CYLINDER HEAD & COMPONENTS	PART No	QTY
Cylinder Head (Bare)	6112-13-1004	1
Tappet	6110-43-2110	8
Valve In	6110-43-4110	4
Valve Ex	6110-43-4210	4
Valve Collet	6110-40-4500	16
Valve Guide	6110-13-1311	8
Valve Insert In	6110-13-1181	4
Valve Insert Ex	6110-13-1171	4
Valve Spring In	6112-43-4410	8
Valve Spring Out	6112-43-4420	8
Retainer Valve Spring Upper	6110-41-4540	8
Retainer Valve Spring Lower	6110-43-4220	8
Rocker Arm Bush	6110-23-1442	10
Push Rod	6110-43-3110	8
Capscrew Cyl Head	6110-13-1612	26

CYLINDER BLOCK & COMPONENTS	PART No	QTY
Cylinder Block	6110-25-1294	1
Gear Camshaft	6110-43-1120	1
Bush Camshaft	6110-23-1410	3
Camshaft C/W Gear	6112-40-1100	1

GASKET KITS & COMPONENTS	PART No	QTY
Gasket Kit Upper	6112-K1-9901	1
Gasket Kit Lower	6112-K2-9901	1
Gasket Cylinder Head	6110-13-1811	1
Gasket Valve Cover	6110-11-8811	1
Gasket Oil Pan	6110-23-5813	1
Gasket In Manifold	6110-11-4811	2
Gasket Ex Manifold	6110-11-5811	4

LUBRICATING OIL SYSTEM	PART No	QTY
Oil Pump	6112-51-1104	1
Core Oil Cooler	6110-63-2110	1

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KOMATSU S4D120-11A/B/D/G (Build 27B) Engine S/No. 50006-Up

FUEL SYSTEM	PART No	QTY
Fuel Feed Pump	ND092100-0671	1
Injector	6110-13-3100	3
Injector	6110-13-3200	1

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6112-61-1102	1
Water Pump Assy	6112-61-1902	1
Shaft Water Pump	6110-63-1310	1
Impeller Water Pump	6110-63-1320	1
Thermostat	6110-13-6311	1
Thermostat Hsg Gasket	6110-13-6451	1

FILTERS	PART No	QTY
Filter Fuel	6110-70-6202	1
Filter Oil	6120-50-5103	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6113.IFK	1
Out-Of-Frame Kit	KMP6113.OFK	1
Overhaul Kit	KMP6113.EOK	1

APPLICATIONS D55-3



Conrod & Metal Set

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KOMATSU SAA4D107E-1 (Build 28A) Engine S/No. 21720884-Up

CRANKSHAFT & RELATED PARTS

	PART No	QTY
Collar	6754-31-1190	1
Crankshaft C/W Gear	6751-01-1310	1
Gear Crankshaft	6754-31-1330	1
Gear Crankshaft	6754-31-1340	1
Pin Dowel	6732-21-6150	1
Front Seal	6754-21-6230	1
Rear Seal & Sleeve Kit (Wet)	6736-39-1130	1
Main Metal Assy 0.25 MM	6754-29-8320	4
Main Metal Assy 0.50 MM	6754-28-8320	4
Main Metal Assy 0.75 MM	6754-27-8320	4
Main Metal Assy 1.00 MM	6754-26-8320	4
Thrust Assy STD	6754-22-8310	1
Thrust Assy 0.50MM	6754-28-8310	1
Main & Thrust Metal Set STD	6732-29-8110	1
Main & Thrust Metal Set 0.25MM	6754-29-8310	1
Main & Thrust Metal Set 0.75MM	6754-27-8310	1
Main & Thrust Metal Set 1.00MM	6754-26-8310	1

CONNECTING ROD & RELATED PARTS

	PART No	QTY
Conrod	6737-32-3121	4
Bolt Conrod	6732-31-3320	8
Bushing Conrod	6732-31-3132	4
Metal Conrod (Lower) STD	6732-31-3420	4
Metal Conrod (Upper) STD	6754-31-3410	4
Metal Conrod (Upper) STD	6754-32-3410	4
Metal Conrod (Lower) 0.25MM	6738-39-3400	4
Metal Conrod (Upper) 0.25MM	6754-32-3420	4
Metal Conrod (Lower) 0.50MM	6738-38-3400	4
Metal Conrod (Upper) 0.50MM	6754-32-3430	4
Metal Conrod (Lower) 0.75MM	6738-37-3400	4
Metal Conrod (Upper) 0.75MM	6754-32-3440	4
Metal Conrod (Lower) 1.00MM	6738-36-3400	4
Metal Conrod (Upper) 1.00MM	6754-32-3450	4

CYLINDER KIT & COMPONENTS

	PART No	QTY
Cylinder Kit	KMP5160	4
Piston, Clips, Pin & Rings	6754-32-2110	1
Liner	4919951	1
Piston, Clips, Pin & Rings	6754-32-2110	4
Pin Piston	6754-31-2410	4
Retainer Piston Pin	6732-31-2420	8
Ring Set Piston	6754-31-2010	4
Liner	4919951	4

CYLINDER HEAD & COMPONENTS

	PART No	QTY
Cylinder Head (Loaded)	6751-11-1210	1
Tappet	6754-41-2110	8
Valve Kit In	6754-41-4100	8
Valve Kit Ex	6754-41-4200	8
Valve Collet	6744-11-1020	32
Valve Insert In	6754-11-1170	8
Valve Insert Ex	6754-11-1180	8
Valve Spring	6754-41-4430	16
Seal Valve Stem	6754-41-4540	16
Retainer Valve Spring Upper/Lower	6754-41-4510	16
Push Rod	6754-41-3110	8
Capscrew Cyl Head	6754-11-1610	18

CYLINDER BLOCK & COMPONENTS

	PART No	QTY
Cylinder Block	6751-21-1310	1
Gear Camshaft	6754-41-1150	1
Bush Camshaft	6732-21-1411	2
Camshaft C/W Gear	6751-41-1100	1
Nozzle Piston Cooling	6754-21-1191	4

GASKET KITS & COMPONENTS

	PART No	QTY
Gasket Kit Upper	4955356	1
Gasket Kit Lower	4955357	1
Gasket Cylinder Head	6751-11-1810	1
Gasket Valve Cover	6751-11-8110	1
Gasket Oil Pan	6754-21-5840	1
Gasket Ex Manifold	6754-11-5141	1
Gasket Rocker Lever Housing	6751-11-7120	6
Isolator	6754-11-8210	4

LUBRICATING OIL SYSTEM

	PART No	QTY
Oil Pump	6751-51-1110	1
Valve Pressure Relief	6731-61-2151	1
Core Oil Cooler	6754-61-2110	1
Gasket Oil Cooler	6754-61-2320	1
Gasket Oil Cooler Cover	6754-51-4440	1

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KOMATSU SAA4D107E-1 (Build 28A) Engine S/No. 21720884-Up

FUEL SYSTEM	PART No	QTY
Injector	6754-11-3010	4
Injector O-Ring	6754-11-3140	1
Washer	6754-11-3130	1

COOLING SYSTEM	PART No	QTY
Water Pump Assy	6754-61-1210	1
Seal Water Pump	6736-61-1520	1
Thermostat	6751-61-6210	1
Thermostat Seal	6754-61-6230	1

FILTERS	PART No	QTY
Element Assy	600-185-5100	1
Filter Fuel	600-319-3750	1
Filter Fuel	6754-79-6140	1
Filter Oil	6736-51-5142	1
Filter Transmission	195-15-75560	1

ENGINE KITS	PART No	QTY
In-Frame Kit	KMP6754.IFK	1
Out-Of-Frame Kit	KMP6754.OFK	1
Overhaul Kit	KMP6754.EOK	1

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PW140-7/PW148-8/PW160-7E0/PW160-8

PC160LC-8

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WA200-6

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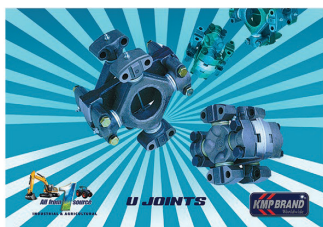


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