

the **KMP BRAND** **CATERPILLAR®**
Engine Kit Programme

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Out-of-Frame
and In-Frame Kits.**



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ALL KITS ARE SUPPLIED WITH STANDARD BEARINGS, PISTONS AND RING SETS. CUSTOMERS MUST REQUEST, AT TIME OF ORDERING, IF THESE ARE TO BE REPLACED WITH UNDERSIZE BEARINGS AND/OR OVERSIZE PISTONS AND RING SETS, WHERE APPLICABLE.

WHILST EVERY EFFORT HAS BEEN MADE TO CORRECTLY IDENTIFY THE APPLICATIONS FOR EACH KIT, IT IS THE CUSTOMER'S RESPONSIBILITY TO ENSURE THE SUITABILITY OF A KIT FOR THEIR PARTICULAR APPLICATION.

IF IN DOUBT, PLEASE SUPPLY THE ENGINE SERIAL NUMBER AND ARRANGEMENT NUMBER.

3054 ENGINES. MULTIPLE APPLICATIONS. CHECK COMPONENT LISTING FOR SUITABILITY

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
107-2553	KMP107-2553.EOK-4A1	KMP107-2553.OFK-4A	KMP107-2553.IFK-4A	3
107-2553	KMP107-2553.EOK-4A2	KMP107-2553.OFK-4A	KMP107-2553.IFK-4A	4
107-2553	KMP107-2553.EOK-4A3	KMP107-2553.OFK-4A	KMP107-2553.IFK-4A	5
107-2553	KMP107-2553.EOK-4A4	KMP107-2553.OFK-4A	KMP107-2553.IFK-4A	6
107-2553	KMP107-2553.EOK-4B1	KMP107-2553.OFK-4B	KMP107-2553.IFK-4B	7
107-2553	KMP107-2553.EOK-4B2	KMP107-2553.OFK-4B	KMP107-2553.IFK-4B	8
107-2553	KMP107-2553.EOK-4B3	KMP107-2553.OFK-4B	KMP107-2553.IFK-4B	9
107-2553	KMP107-2553.EOK-4B4	KMP107-2553.OFK-4B	KMP107-2553.IFK-4B	10
135-0264	KMP135-0264.EOK-4A1	KMP135-0264.OFK-4A	KMP135-0264.IFK-4A	11
135-0264	KMP135-0264.EOK-4A2	KMP135-0264.OFK-4A	KMP135-0264.IFK-4A	12
135-0264	KMP135-0264.EOK-4A3	KMP135-0264.OFK-4A	KMP135-0264.IFK-4A	13
135-0264	KMP135-0264.EOK-4A4	KMP135-0264.OFK-4A	KMP135-0264.IFK-4A	14
135-0264	KMP135-0264.EOK-4B1	KMP135-0264.OFK-4B	KMP135-0264.IFK-4B	15
135-0264	KMP135-0264.EOK-4B2	KMP135-0264.OFK-4B	KMP135-0264.IFK-4B	16
135-0264	KMP135-0264.EOK-4B3	KMP135-0264.OFK-4B	KMP135-0264.IFK-4B	17
135-0264	KMP135-0264.EOK-4B4	KMP135-0264.OFK-4B	KMP135-0264.IFK-4B	18
152-1390	KMP152-1390.EOK-4A1	KMP152-1390.OFK-4A	KMP152-1390.IFK-4A	19
152-1390	KMP152-1390.EOK-4A2	KMP152-1390.OFK-4A	KMP152-1390.IFK-4A	20
152-1390	KMP152-1390.EOK-4A3	KMP152-1390.OFK-4A	KMP152-1390.IFK-4A	21
152-1390	KMP152-1390.EOK-4A4	KMP152-1390.OFK-4A	KMP152-1390.IFK-4A	22
152-1390	KMP152-1390.EOK-4B1	KMP152-1390.OFK-4B	KMP152-1390.IFK-4B	23
152-1390	KMP152-1390.EOK-4B2	KMP152-1390.OFK-4B	KMP152-1390.IFK-4B	24
152-1390	KMP152-1390.EOK-4B3	KMP152-1390.OFK-4B	KMP152-1390.IFK-4B	25
152-1390	KMP152-1390.EOK-4B4	KMP152-1390.OFK-4B	KMP152-1390.IFK-4B	26
176-0824	KMP176-0824.EOK-4A1	KMP176-0824.OFK-4A	KMP176-0824.IFK-4A	27
176-0824	KMP176-0824.EOK-4A2	KMP176-0824.OFK-4A	KMP176-0824.IFK-4A	28
176-0824	KMP176-0824.EOK-4A3	KMP176-0824.OFK-4A	KMP176-0824.IFK-4A	29
176-0824	KMP176-0824.EOK-4A4	KMP176-0824.OFK-4A	KMP176-0824.IFK-4A	30
176-0824	KMP176-0824.EOK-4B1	KMP176-0824.OFK-4B	KMP176-0824.IFK-4B	31
176-0824	KMP176-0824.EOK-4B2	KMP176-0824.OFK-4B	KMP176-0824.IFK-4B	32
176-0824	KMP176-0824.EOK-4B3	KMP176-0824.OFK-4B	KMP176-0824.IFK-4B	33
176-0824	KMP176-0824.EOK-4B4	KMP176-0824.OFK-4B	KMP176-0824.IFK-4B	34



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3056 ENGINES. MULTIPLE APPLICATIONS. CHECK COMPONENT LISTING FOR SUITABILITY

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
107-2553	KMP107-2553.EOK-6A1	KMP107-2553.OFK-6A	KMP107-2553.IFK-6A	36
107-2553	KMP107-2553.EOK-6A2	KMP107-2553.OFK-6A	KMP107-2553.IFK-6A	37
107-2553	KMP107-2553.EOK-6A3	KMP107-2553.OFK-6A	KMP107-2553.IFK-6A	38
107-2553	KMP107-2553.EOK-6A4	KMP107-2553.OFK-6A	KMP107-2553.IFK-6A	39
107-2553	KMP107-2553.EOK-6B1	KMP107-2553.OFK-6B	KMP107-2553.IFK-6B	40
107-2553	KMP107-2553.EOK-6B2	KMP107-2553.OFK-6B	KMP107-2553.IFK-6B	41
107-2553	KMP107-2553.EOK-6B3	KMP107-2553.OFK-6B	KMP107-2553.IFK-6B	42
107-2553	KMP107-2553.EOK-6B4	KMP107-2553.OFK-6B	KMP107-2553.IFK-6B	43
135-0264	KMP135-0264.EOK-6A1	KMP135-0264.OFK-6A	KMP135-0264.IFK-6A	44
135-0264	KMP135-0264.EOK-6A2	KMP135-0264.OFK-6A	KMP135-0264.IFK-6A	45
135-0264	KMP135-0264.EOK-6A3	KMP135-0264.OFK-6A	KMP135-0264.IFK-6A	46
135-0264	KMP135-0264.EOK-6A4	KMP135-0264.OFK-6A	KMP135-0264.IFK-6A	47
135-0264	KMP135-0264.EOK-6B1	KMP135-0264.OFK-6B	KMP135-0264.IFK-6B	48
135-0264	KMP135-0264.EOK-6B2	KMP135-0264.OFK-6B	KMP135-0264.IFK-6B	49
135-0264	KMP135-0264.EOK-6B3	KMP135-0264.OFK-6B	KMP135-0264.IFK-6B	50
135-0264	KMP135-0264.EOK-6B4	KMP135-0264.OFK-6B	KMP135-0264.IFK-6B	51
152-1390	KMP152-1390.EOK-6A1	KMP152-1390.OFK-6A	KMP152-1390.IFK-6A	52
152-1390	KMP152-1390.EOK-6A2	KMP152-1390.OFK-6A	KMP152-1390.IFK-6A	53
152-1390	KMP152-1390.EOK-6A3	KMP152-1390.OFK-6A	KMP152-1390.IFK-6A	54
152-1390	KMP152-1390.EOK-6A4	KMP152-1390.OFK-6A	KMP152-1390.IFK-6A	55
152-1390	KMP152-1390.EOK-6B1	KMP152-1390.OFK-6B	KMP152-1390.IFK-6B	56
152-1390	KMP152-1390.EOK-6B2	KMP152-1390.OFK-6B	KMP152-1390.IFK-6B	57
152-1390	KMP152-1390.EOK-6B3	KMP152-1390.OFK-6B	KMP152-1390.IFK-6B	58
152-1390	KMP152-1390.EOK-6B4	KMP152-1390.OFK-6B	KMP152-1390.IFK-6B	59
176-0824	KMP176-0824.EOK-6A1	KMP176-0824.OFK-6A	KMP176-0824.IFK-6A	60
176-0824	KMP176-0824.EOK-6A2	KMP176-0824.OFK-6A	KMP176-0824.IFK-6A	61
176-0824	KMP176-0824.EOK-6A3	KMP176-0824.OFK-6A	KMP176-0824.IFK-6A	62
176-0824	KMP176-0824.EOK-6A4	KMP176-0824.OFK-6A	KMP176-0824.IFK-6A	63
176-0824	KMP176-0824.EOK-6B1	KMP176-0824.OFK-6B	KMP176-0824.IFK-6B	64
176-0824	KMP176-0824.EOK-6B2	KMP176-0824.OFK-6B	KMP176-0824.IFK-6B	65
176-0824	KMP176-0824.EOK-6B3	KMP176-0824.OFK-6B	KMP176-0824.IFK-6B	66
176-0824	KMP176-0824.EOK-6B4	KMP176-0824.OFK-6B	KMP176-0824.IFK-6B	67

3066 ENGINES

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
297-7752	KMP297-7752.EOK-A	KMP297-7752.OFK	KMP297-7752.IFK	69
297-7752	KMP297-7752.EOK-B	KMP297-7752.OFK	KMP297-7752.IFK	70

3114 ENGINES

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
105-1710	KMP105-1710.EOK-4	KMP105-1710.OFK-4	KMP105-1710.IFK-4	72
105-1720	KMP105-1720.EOK-4	KMP105-1720.OFK-4	KMP105-1720.IFK-4	73
107-7545	KMP107-7545.EOK-4	KMP107-7545.OFK-4	KMP107-7545.IFK-4	74
107-7553	KMP107-7553.EOK-4	KMP107-7553.OFK-4	KMP107-7553.IFK-4	75
107-7563	KMP107-7563.EOK-4	KMP107-7563.OFK-4	KMP107-7563.IFK-4	76
115-4124	KMP115-4124.EOK-4	KMP115-4124.OFK-4	KMP115-4124.IFK-4	77
4P2990	KMP4P2990.EOK-4	KMP4P2990.OFK-4	KMP4P2990.IFK-4	78
611144	KMP611144.EOK-4	KMP611144.OFK-4	KMP611144.IFK-4	79
611210	KMP611210.EOK-4	KMP611210.OFK-4	KMP611210.IFK-4	80
614248	KMP614248.EOK-4	KMP614248.OFK-4	KMP614248.IFK-4	81
7C5668	KMP7C5668.EOK-4	KMP7C5668.OFK-4	KMP7C5668.IFK-4	82
7E3428	KMP7E3428.EOK-4	KMP7E3428.OFK-4	KMP7E3428.IFK-4	83



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3116 EARLY MODEL ENGINES USING BLOCKS WITH LUBRICATING GROOVES IN THE MAIN BEARING SADDLE

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
105-1710	KMP105-1710.EOK-6E	KMP105-1710.OFK-6E	KMP105-1710.IFK-6	86
105-1720	KMP105-1720.EOK-6E	KMP105-1720.OFK-6E	KMP105-1720.IFK-6	87
107-7545	KMP107-7545.EOK-6E	KMP107-7545.OFK-6E	KMP107-7545.IFK-6	88
107-7553	KMP107-7553.EOK-6E	KMP107-7553.OFK-6E	KMP107-7553.IFK-6	89
107-7563	KMP107-7563.EOK-6E	KMP107-7563.OFK-6E	KMP107-7563.IFK-6	90
115-4124	KMP115-4124.EOK-6E	KMP115-4124.OFK-6E	KMP115-4124.IFK-6	91
4P2990	KMP4P2990.EOK-6E	KMP4P2990.OFK-6E	KMP4P2990.IFK-6	92
611144	KMP611144.EOK-6E	KMP611144.OFK-6E	KMP611144.IFK-6	93
611210	KMP611210.EOK-6E	KMP611210.OFK-6E	KMP611210.IFK-6	94
614248	KMP614248.EOK-6E	KMP614248.OFK-6E	KMP614248.IFK-6	95
7C5668	KMP7C5668.EOK-6E	KMP7C5668.OFK-6E	KMP7C5668.IFK-6	96
7E3428	KMP7E3428.EOK-6E	KMP7E3428.OFK-6E	KMP7E3428.IFK-6	97

3116 LATE MODEL ENGINES USING BLOCKS WITHOUT LUBRICATING GROOVES IN THE MAIN BEARING SADDLE

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
105-1710	KMP105-1710.EOK-6L	KMP105-1710.OFK-6L	KMP105-1710.IFK-6	98
105-1720	KMP105-1720.EOK-6L	KMP105-1720.OFK-6L	KMP105-1720.IFK-6	99
107-7545	KMP107-7545.EOK-6L	KMP107-7545.OFK-6L	KMP107-7545.IFK-6	100
107-7553	KMP107-7553.EOK-6L	KMP107-7553.OFK-6L	KMP107-7553.IFK-6	101
107-7563	KMP107-7563.EOK-6L	KMP107-7563.OFK-6L	KMP107-7563.IFK-6	102
115-4124	KMP115-4124.EOK-6L	KMP115-4124.OFK-6L	KMP115-4124.IFK-6	103
4P2990	KMP4P2990.EOK-6L	KMP4P2990.OFK-6L	KMP4P2990.IFK-6	104
611144	KMP611144.EOK-6L	KMP611144.OFK-6L	KMP611144.IFK-6	105
611210	KMP611210.EOK-6L	KMP611210.OFK-6L	KMP611210.IFK-6	106
614248	KMP614248.EOK-6L	KMP614248.OFK-6L	KMP614248.IFK-6	107
7C5668	KMP7C5668.EOK-6L	KMP7C5668.OFK-6L	KMP7C5668.IFK-6	108
7E3428	KMP7E3428.EOK-6L	KMP7E3428.OFK-6L	KMP7E3428.IFK-6	109

3126 ENGINES

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
133-4983	KMP133-4983.EOK-A	KMP133-4983.OFK	KMP133-4983.IFK	111
133-4983	KMP133-4983.EOK-B	KMP133-4983.OFK	KMP133-4983.IFK	112
133-5044	KMP133-5044.EOK	KMP133-5044.OFK	KMP133-5044.IFK	113
150-4621	KMP150-4621.EOK-A	KMP150-4621.OFK	KMP150-4621.IFK	114
150-4621	KMP150-4621.EOK-B	KMP150-4621.OFK	KMP150-4621.IFK	115
172-3282	KMP172-3282.EOK	KMP172-3282.OFK	KMP172-3282.IFK	116

3176/3176B ENGINES

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
4P5852	KMP4P5852.EOK-A	KMP4P5852.OFK	KMP4P5852.IFK	118
4P5852	KMP4P5852.EOK-B	KMP4P5852.OFK	KMP4P5852.IFK	119

3176C ENGINES

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
133-7098	KMP133-7098.EOK	KMP133-7098.OFK	KMP133-7098.IFK	120
4P5852	KMP4P5852.EOK-C	KMP4P5852.OFK-C	KMP4P5852.IFK-C	121



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3196 ENGINES

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
144-2948	KMP144-2948.EOK	KMP144-2948.OFK	KMP144-2948.IFK	123
197-9328	KMP197-9328.EOK	KMP197-9328.OFK	KMP197-9328.IFK	124

3204 ENGINES. ONLY THOSE THAT ARE USING THE WIDE JOURNAL CRANKSHAFT 1W9771 AND TAPERED CONROD 8N3753

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
2W4831	KMP2W4831.EOK-4	KMP2W4831.OFK-4	KMP2W4831.IFK-4	126
6N4221	KMP6N4221.EOK	KMP6N4221.OFK	KMP6N4221.IFK	127
7C1146	KMP7C1146.EOK	KMP7C1146.OFK	KMP7C1146.IFK	128
7E4729	KMP7E4729.EOK-4	KMP7E4729.OFK-4	KMP7E4729.IFK-4	129

3208 ENGINES. NON TURBO WITH BLOCK 9N0130

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
2W4831	KMP2W4831.EOK-8A	KMP2W4831.OFK-8A	KMP2W4831.IFK-8	131
2W8412	KMP2W8412.EOK-A	KMP2W8412.OFK-A	KMP2W8412.IFK	132
7E4729	KMP7E4729.EOK-8A	KMP7E4729.OFK-8A	KMP7E4729.IFK-8	133
9L7737	KMP9L7737.EOK-A	KMP9L7737.OFK-A	KMP9L7737.IFK	134
9L7737-3R	KMP9L7737-3R.EOK-A	KMP9L7737-3R.OFK-A	KMP9L7737-3R.IFK	135

3208 ENGINES. NON TURBO WITH BLOCK 9N3120

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
2W4831	KMP2W4831.EOK-8B	KMP2W4831.OFK-8B	KMP2W4831.IFK-8	136
2W8412	KMP2W8412.EOK-B	KMP2W8412.OFK-B	KMP2W8412.IFK	137
7E4729	KMP7E4729.EOK-8B	KMP7E4729.OFK-8B	KMP7E4729.IFK-8	138
9L7737	KMP9L7737.EOK-B	KMP9L7737.OFK-B	KMP9L7737.IFK	139
9L7737-3R	KMP9L7737-3R.EOK-B	KMP9L7737-3R.OFK-B	KMP9L7737-3R.IFK	140

3208 ENGINES. TURBO WITH BLOCK 9N0130

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
2W4831	KMP2W4831.EOK-8C	KMP2W4831.OFK-8A	KMP2W4831.IFK-8	141

3208 ENGINES. TURBO WITH BLOCK 9N3120

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
2W4831	KMP2W4831.EOK-8D	KMP2W4831.OFK-8B	KMP2W4831.IFK-8	142



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3304 ENGINES. ONLY THOSE THAT ARE USING THE NEW STYLE TAPERED CON RODS

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
129-0338	KMP129-0338.EOK-4	KMP129-0338.OFK-4	KMP129-0338.IFK-4	145
129-0358	KMP129-0358.EOK-4	KMP129-0358.OFK-4	KMP129-0358.IFK-4	146
165-4262	KMP165-4262.EOK-4	KMP165-4262.OFK-4	KMP165-4262.IFK-4	147
8N3180	KMP8N3180.EOK-4A	KMP8N3180.OFK-4	KMP8N3180.IFK-4	148
8N3180	KMP8N3180.EOK-4B	KMP8N3180.OFK-4	KMP8N3180.IFK-4	149
8N3182	KMP8N3182.EOK-4A	KMP8N3182.OFK-4	KMP8N3182.IFK-4	150
8N3182	KMP8N3182.EOK-4B	KMP8N3182.OFK-4	KMP8N3182.IFK-4	151
9N5250	KMP9N5250.EOK-4A	KMP9N5250.OFK-4	KMP9N5250.IFK-4	152
9N5250	KMP9N5250.EOK-4B	KMP9N5250.OFK-4	KMP9N5250.IFK-4	153

3306 ENGINES. ONLY THOSE THAT ARE USING THE NEW STYLE TAPERED CON RODS

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
107-3565	KMP107-3565.EOK	KMP107-3565.OFK	KMP107-3565.IFK	157
129-0338	KMP129-0338.EOK-6	KMP129-0338.OFK-6	KMP129-0338.IFK-6	158
129-0358	KMP129-0358.EOK-6	KMP129-0358.OFK-6	KMP129-0358.IFK-6	159
154-8087	KMP154-8087.EOK	KMP154-8087.OFK	KMP154-8087.IFK	160
165-4262	KMP165-4262.EOK-6	KMP165-4262.OFK-6	KMP165-4262.IFK-6	161
168-4531	KMP168-4531.EOK	KMP168-4531.OFK	KMP168-4531.IFK	162
8N3180	KMP8N3180.EOK-6A	KMP8N3180.OFK-6	KMP8N3180.IFK-6	163
8N3180	KMP8N3180.EOK-6B	KMP8N3180.OFK-6	KMP8N3180.IFK-6	164
8N3182	KMP8N3182.EOK-6A	KMP8N3182.OFK-6	KMP8N3182.IFK-6	165
8N3182	KMP8N3182.EOK-6B	KMP8N3182.OFK-6	KMP8N3182.IFK-6	166
9N5250	KMP9N5250.EOK-6A	KMP9N5250.OFK-6	KMP9N5250.IFK-6	167
9N5250	KMP9N5250.EOK-6B	KMP9N5250.OFK-6	KMP9N5250.IFK-6	168



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3406 ENGINES

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101-0016	KMP101-0016.EOK-6A	KMP101-0016.OFK-6A	KMP101-0016.IFK-6A	171
101-0016	KMP101-0016.EOK-6B	KMP101-0016.OFK-6A	KMP101-0016.IFK-6A	172
101-0016	KMP101-0016.EOK-6C	KMP101-0016.OFK-6C	KMP101-0016.IFK-6C	173
101-0016	KMP101-0016.EOK-6D	KMP101-0016.OFK-6C	KMP101-0016.IFK-6C	174
108-2716	KMP108-2716.EOK-6	KMP108-2716.OFK-6	KMP108-2716.IFK-6	175
116-8154	KMP116-8154.EOK-6A	KMP116-8154.OFK-6A	KMP116-8154.IFK-6A	176
116-8154	KMP116-8154.EOK-6B	KMP116-8154.OFK-6A	KMP116-8154.IFK-6A	177
116-8154	KMP116-8154.EOK-6C	KMP116-8154.OFK-6C	KMP116-8154.IFK-6C	178
116-8154	KMP116-8154.EOK-6D	KMP116-8154.OFK-6C	KMP116-8154.IFK-6C	179
117-5063	KMP117-5063.EOK-6A	KMP117-5063.OFK-6	KMP117-5063.IFK-6	180
117-5063	KMP117-5063.EOK-6B	KMP117-5063.OFK-6	KMP117-5063.IFK-6	181
135-2837	KMP135-2837.EOK-6	KMP135-2837.OFK-6	KMP135-2837.IFK-6	182
149-5566	KMP149-5566.EOK-6	KMP149-5566.OFK-6	KMP149-5566.IFK-6	183
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160-1131	KMP160-1131.EOK-6B	KMP160-1131.OFK-6A	KMP160-1131.IFK-6A	185
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160-1131	KMP160-1131.EOK-6D	KMP160-1131.OFK-6C	KMP160-1131.IFK-6C	187
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6N4080	KMP6N4080.EOK-6A	KMP6N4080.OFK-6	KMP6N4080.IFK-6	189
6N4080	KMP6N4080.EOK-6B	KMP6N4080.OFK-6	KMP6N4080.IFK-6	190
6N4126	KMP6N4126.EOK-6	KMP6N4126.OFK-6	KMP6N4126.IFK-6	191
7C2888	KMP7C2888.EOK-6	KMP7C2888.OFK-6	KMP7C2888.IFK-6	192
7E0292	KMP7E0292.EOK-6A	KMP7E0292.OFK-6A	KMP7E0292.IFK-6A	193
7E0292	KMP7E0292.EOK-6B	KMP7E0292.OFK-6A	KMP7E0292.IFK-6A	194
7E0292	KMP7E0292.EOK-6C	KMP7E0292.OFK-6C	KMP7E0292.IFK-6C	195
7E0292	KMP7E0292.EOK-6D	KMP7E0292.OFK-6C	KMP7E0292.IFK-6C	196
7E0539	KMP7E0539.EOK-6A	KMP7E0539.OFK-6A	KMP7E0539.IFK-6A	197
7E0539	KMP7E0539.EOK-6B	KMP7E0539.OFK-6A	KMP7E0539.IFK-6A	198
7E0539	KMP7E0539.EOK-6C	KMP7E0539.OFK-6C	KMP7E0539.IFK-6C	199
7E0539	KMP7E0539.EOK-6D	KMP7E0539.OFK-6C	KMP7E0539.IFK-6C	200
7E8656	KMP7E8656.EOK-6A	KMP7E8656.OFK-6A	KMP7E8656.IFK-6A	201
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7E8656	KMP7E8656.EOK-6D	KMP7E8656.OFK-6C	KMP7E8656.IFK-6C	204
7E8700	KMP7E8700.EOK-6A	KMP7E8700.OFK-6A	KMP7E8700.IFK-6A	205
7E8700	KMP7E8700.EOK-6B	KMP7E8700.OFK-6A	KMP7E8700.IFK-6A	206
7E8700	KMP7E8700.EOK-6C	KMP7E8700.OFK-6C	KMP7E8700.IFK-6C	207
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9Y3116	KMP9Y3116.EOK-6B	KMP9Y3116.OFK-6A	KMP9Y3116.IFK-6A	213
9Y3116	KMP9Y3116.EOK-6C	KMP9Y3116.OFK-6C	KMP9Y3116.IFK-6C	214
9Y3116	KMP9Y3116.EOK-6D	KMP9Y3116.OFK-6C	KMP9Y3116.IFK-6C	215
9Y4004	KMP9Y4004.EOK-6A	KMP9Y4004.OFK-6A	KMP9Y4004.IFK-6A	216
9Y4004	KMP9Y4004.EOK-6B	KMP9Y4004.OFK-6A	KMP9Y4004.IFK-6A	217
9Y4004	KMP9Y4004.EOK-6C	KMP9Y4004.OFK-6C	KMP9Y4004.IFK-6C	218
9Y4004	KMP9Y4004.EOK-6D	KMP9Y4004.OFK-6C	KMP9Y4004.IFK-6C	219
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9Y7212	KMP9Y7212.EOK-6B	KMP9Y7212.OFK-6A	KMP9Y7212.IFK-6A	221
9Y7212	KMP9Y7212.EOK-6C	KMP9Y7212.OFK-6C	KMP9Y7212.IFK-6C	222
9Y7212	KMP9Y7212.EOK-6D	KMP9Y7212.OFK-6C	KMP9Y7212.IFK-6C	223
9Y9889	KMP9Y9889.EOK-6A	KMP9Y9889.OFK-6A	KMP9Y9889.IFK-6A	224
9Y9889	KMP9Y9889.EOK-6B	KMP9Y9889.OFK-6A	KMP9Y9889.IFK-6A	225
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192-2208	KMP192-2208.EOK-8	KMP192-2208.OFK-8	KMP192-2208.IFK-8	230
6N4126	KMP6N4126.EOK-8	KMP6N4126.OFK-8	KMP6N4126.IFK-8	231
6N4785	KMP6N4785.EOK-8	KMP6N4785.OFK-8	KMP6N4785.IFK-8	232
7N3511	KMP7N3511.EOK-8	KMP7N3511.OFK-8	KMP7N3511.IFK-8	233
7N3633	KMP7N3633.EOK-8	KMP7N3633.OFK-8	KMP7N3633.IFK-8	234
9Y7212	KMP9Y7212.EOK-8	KMP9Y7212.OFK-8	KMP9Y7212.IFK-8	235
192-2208	KMP192-2208.EOK-8	KMP192-2208.OFK-8	KMP192-2208.IFK-8	236
192-2209	KMP192-2209.EOK-8	KMP192-2209.OFK-8	KMP192-2209.IFK-8	237

3412 ENGINES

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
172-3280	KMP172-3280.EOK-12	KMP172-3280.OFK-12	KMP172-3280.IFK-12	239
174-6102	KMP174-6102.EOK	KMP174-6102.OFK	KMP174-6102.IFK	240
6N4126	KMP6N4126.EOK-12	KMP6N4126.OFK-12	KMP6N4126.IFK-12	241
6N4785	KMP6N4785.EOK-12	KMP6N4785.OFK-12	KMP6N4785.IFK-12	242
7N3511	KMP7N3511.EOK-12	KMP7N3511.OFK-12	KMP7N3511.IFK-12	243
7N3633	KMP7N3633.EOK-12	KMP7N3633.OFK-12	KMP7N3633.IFK-12	244
9Y7212	KMP9Y7212.EOK-12	KMP9Y7212.OFK-12	KMP9Y7212.IFK-12	245
192-2208	KMP192-2208.EOK-12A	KMP192-2208.OFK-12	KMP192-2208.IFK-12	246
192-2208	KMP192-2208.EOK-12B	KMP192-2208.OFK-12	KMP192-2208.IFK-12	247
192-2209	KMP192-2209.EOK-12	KMP192-2209.OFK-12	KMP192-2209.IFK-12	248

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PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
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3512 ENGINES

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
7C2431	KMP7C2431.EOK-12	KMP7C2431.OFK-12	KMP7C2431.IFK-12	253
9Y4124	KMP9Y4124.EOK-12	KMP9Y4124.OFK-12	KMP9Y4124.IFK-12	254



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3516 ENGINES

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
7C2431	KMP7C2431.EOK-16	KMP7C2431.OFK-16	KMP7C2431.IFK-16	256
9Y4124	KMP9Y4124.EOK-16	KMP9Y4124.OFK-16	KMP9Y4124.IFK-16	257

3520 ENGINES

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
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9Y4124	KMP9Y4124.EOK-20	KMP9Y4124.OFK-20	KMP9Y4124.IFK-20	260

C6.6 ENGINE

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
276-7475	KMP276-7475.EOK-A	KMP276-7475.OFK	KMP276-7475.IFK	262
276-7475	KMP276-7475.EOK-B	KMP276-7475.OFK	KMP276-7475.IFK	263

C7 ENGINE

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
238-2698	KMP238-2698.EOK-A	KMP238-2698.OFK	KMP238-2698.IFK	265
238-2698	KMP238-2698.EOK-B	KMP238-2698.OFK	KMP238-2698.IFK	266
238-2720	KMP238-2720.EOK-A	KMP238-2720.OFK	KMP238-2720.IFK	267
238-2720	KMP238-2720.EOK-B	KMP238-2720.OFK	KMP238-2720.IFK	268

C9 ENGINE

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
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PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
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265-1111	KMP265-1111.EOK-B	KMP265-1111.OFK	KMP265-1111.IFK	273
197-9381	KMP197-9381.EOK-A	KMP197-9381.OFK	KMP197-9381.IFK	274
197-9381	KMP197-9381.EOK-B	KMP197-9381.OFK	KMP197-9381.IFK	275
197-9381	KMP197-9381.EOK-C	KMP197-9381.OFK	KMP197-9381.IFK	276



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144-2948	KMP144-2948.EOK-A	KMP144-2948.OFK-A	KMP144-2948.IFK-A	278
144-2948	KMP144-2948.EOK-B	KMP144-2948.OFK-B	KMP144-2948.IFK-B	279
144-2948	KMP144-2948.EOK-C1	KMP144-2948.OFK-C	KMP144-2948.IFK-C	280
144-2948	KMP144-2948.EOK-C2	KMP144-2948.OFK-C	KMP144-2948.IFK-C	281
144-2948	KMP144-2948.EOK-D1	KMP144-2948.OFK-D	KMP144-2948.IFK-D	282
144-2948	KMP144-2948.EOK-D2	KMP144-2948.OFK-D	KMP144-2948.IFK-D	283
144-2948	KMP144-2948.EOK-E	KMP144-2948.OFK-E	KMP144-2948.IFK-E	284
197-9328	KMP197-9328.EOK-A	KMP197-9328.OFK-A	KMP197-9328.IFK-A	285
197-9328	KMP197-9328.EOK-B	KMP197-9328.OFK-B	KMP197-9328.IFK-B	286
197-9374	KMP197-9374.EOK	KMP197-9374.OFK	KMP197-9374.IFK	287

C15 ENGINE

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
180-7351	KMP180-7351.EOK	KMP180-7351.OFK	KMP180-7351.IFK	289

C16 ENGINE

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
139-8500	KMP139-8500.EOK-A	KMP139-8500.OFK	KMP139-8500.IFK	291
139-8500	KMP139-8500.EOK-B	KMP139-8500.OFK	KMP139-8500.IFK	292

C18 ENGINE

PISTON NO.	ENGINE OVERHAUL KIT	OUT-OF-FRAME KIT	IN-FRAME KIT	PAGE
329-4510	KMP329-4510.EOK-A	KMP329-4510.OFK	KMP329-4510.IFK	294
329-4510	KMP329-4510.EOK-B	KMP329-4510.OFK	KMP329-4510.IFK	295
329-4511	KMP329-4511.EOK-A	KMP329-4511.OFK	KMP329-4511.IFK	296
329-4511	KMP329-4511.EOK-B	KMP329-4511.OFK	KMP329-4511.IFK	297



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CAT 3054 ENGINE - APPLICATIONS

HYDRAULIC EXCAVATORS SERIAL NO.

M312	6BL00001-UP
M312	6TL00001-00901
M315	3ZM00001-UP
M315	7ML00001-01000
307	2WM00001-01000
312B/L	2KW00001-UP
312B/L	6SW00001-UP
312B/L	9FS00001-UP
312B/L	9NW00001-UP
312B/L	BNN00001-UP
312B/L	CBT00001-UP
313C	BDR00001-UP
313C	H2A00001-UP
315B	5SW00001-UP
315C	BDM00001-02000
315C	H2B00001-UP
315L	ANF00001-UP
317 & 317N	4MM00001-UP
317 & 317N	9SR00001-UP

WHEEL LOADERS SERIAL NO.

908	8BS00001-UP
914G	7ZM00001-00939
914G	9WM00001-03012
914G	PDF00001-UP

BACKHOE LOADERS SERIAL NO.

414E	ELB00001-UP
416B	8SG00001-14798
416B	8ZK00001-11031
416C	1LR00001-UP
416C	1WR00001-10736
416C	1XR00001-02261
416C	4ZN00001-50156
416C	5YN15148-17074
416C	1WR08116-10736
416C	1XR02184-02261
416C	4ZN16044-50156
416C	5YN00001-17074
416D	CXP00001-02940
416D	B2D00001-UP
416D	BFP12900-UP
416D	BGJ00523-UP
416D	CXP00940-UP
416D	BFP00001-15900
416D	BGJ00001-03523
416D	BKG00001-05651
416E	CB000001-UP
416E	CST00001-UP
416E	SHA00001-UP

BACKHOE LOADERS SERIAL NO.

420D	FDP00001-23500
420D	BKC00502-UP
420D	BLN10330-UP
420D	BMC00611-UP
420D	FDP184000-UP
420D	MBH00001-UP
420D	BKC00001-02502
420D	BLN00001-10299
420D	BMC00001-02280
420E	HLS00001-UP
420E	KMW00001-UP
420E	THP00001-UP
422E	HBE00001-UP
424D	CJZ00001-UP
424D	RXA00001-UP
426B	5YJ02300-UP
426B	6KL01200-UP
426C	1CR00001-01085
426C	1ER00001-00119
426C	1MR00001-01179
426C	1NR00001-01249
426C	1YR00001-02191
426C	1ZR00001-00999
426C	6XN03616-04980
426C	7WN00939-01110
426C	6XN00001-04980
426C	7WN00001-01099
426C	1CR00864-01085
426C	1YR01517-02191
426C	1ZR00926-01017
428B	7EJ06000-UP
428C	2CR00001-19309
428C	2CR01000-19910
428C	8RN00001-05347
428D	BNS00001-01851
428D	BXC00001-01851
428D	MBM00001-UP
428D	BL000001-01072
428D	BMT00001-03227
428D	BNB00001-02700
428E	SNL00001-UP
430D	BML04800-UP
430D	BNK05900-UP
430D	BML00001-04799
430D	BNK00001-05899
430E	BYC00001-UP
430E	EAT00001-UP
432D	TDR00001-UP
432D	WEP00001-UP
432D	BLD00001-06844
432E	BXE00001-UP
434E	FSH00001-UP
436B	6MJ08000-UP
436B	7FL00600-UP

BACKHOE LOADERS SERIAL NO.

436C	1FR00001-01421
436C	1GR00950-UP
436C	1PR00001-01815
436C	2AR00001-01874
436C	2BR00001-00911
436C	9JN01061-01199
436C	2AR01604-01874
436C	2BR00911-01450
436C	8TN00001-01315
436C	9JN00001-01049
438B	3KK03000-UP
438C	1JR00001-01155
438C	1TR00001-02096
438C	2DR00001-03249
438C	9KN01061-01418
438C	2DR02717-03741
438C	9KN00001-01199
438D	BPE00001-00742
438D	BPN00001-00549
442D	BRG00001-01122
442D	BRV00001-00890
442D	SMJ00001-UP
442D	TBD00001-UP
442E	GKZ00001-UP
444E	LBE00001-UP

TELEHANDLERS SERIAL NO.

TH62	3LN00001-UP
TH62	4TM00001-06013
TH63	3JN00001-UP
TH63	5WM00001-08020
TH82	3KN00001-UP
TH83	3NN00001-UP
TH83	3RN00001-06014
TH103	3PN00001-03026
TH210	MHT00001-UP
TH215	MHS00001-UP
TH220B	SLA00001-UP
TH330B	SLB00001-UP
TH340B	SLC00001-UP
TH350B	SLD00001-UP
TH355B	JRK00001-UP
TH355B	SLE00001-UP
TH360B	JRL00001-UP
TH460B	SLF00001-UP
TH560B	SLG00001-UP
TH580B	SLH00001-UP

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

All original equipment, manufacturers' 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. All efforts have been made to ensure that the information contained herein is correct. KM Products Europe Limited cannot be held responsible for its accuracy.



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CAT 3054 ENGINE - APPLICATIONS

PNEUMATIC COMPACTORS SERIAL NO.

PF/PS300C	6HM00001-01112
PF/PS300C	PFB00001-UP
PF/PS300C	PFS00001-UP
PF290B	1XW00001-UP
PF300B	4PN00001-01025
PS150B	3XR00001-UP
PS150C	FPS00001-UP
PS200B	5JR00001-UP
PS360B	9LS00001-UP
PS360C	PJF00001-UP

VIBRATORY COMPACTORS SERIAL NO.

CS/CP323E	EAS00001-UP
CS/CP433C	1XZ00001-UP
CS/CP433C	2JM00001-UP
CS/CP433C	1ZN00001-UP
CS/CP433C	5BZ00001-UP
CP433C	2TN00001-UP
CB434B	6AL00001-00087
CB434B	7YN00001-UP
CB434C	4MW00001-UP
CB434D	4DN00001-UP
CB434D	CNH00001-UP
CB534C	1WS00001-UP
CB534D	5HN00001-UP
CB535B	3AR00001-UP
CB534B	4JL00001-UP
CB534D	C2B00001-UP
CB534D	C4B00001-UP
CB534D	C8M00001-UP
CB534D	FEA00001-UP
CB534D	FGH00001-UP
CB544	8FM00001-UP
CB545	2FS00001-UP
CB564D	C6D00001-UP
CB564D	D4M00001-UP
CP323C	1EN00001-UP
CP433C	3TM00001-UP
CS323C	6DM00001-UP
CS423E	AST00001-UP
CS423E	BWG00001-UP
CS431C	9XL00001-UP
CS431C	3WZ00001-UP
CS431C	6EN00001-UP
CS433C	3TM00001-UP
CS433C	1FS00001-UP
CS/CP433E	CFK00001-UP
CS/CP433E	CFP00001-UP
CS/CP433E	CYE00001-UP
CS/CP433E	DAC00001-UP
CS/CP433E	BT000001-UP

VIBRATORY COMPACTORS SERIAL NO.

CS/CP433C	BTY00001-UP
CS/CP433C	4JZ00001-UP
CS/CP533E	ASL00001-UP
CS/CP533E	ASM00001-UP
CS/CP533E	ASN00001-UP
CS/CP533E	ASR00001-UP
CS/CP533E	BZE00001-UP
CS/CP533E	BZG00001-UP
CS/CP533E	DAK00001-UP
CS/CP533E	DAM00001-UP

ASPHALT PAVERS SERIAL NO.

AP300	
AP650B	5GN00001-UP
AP650B	9DN00001-UP
AP650B	A7P00001-UP
AP800C	1PM00001-UP
AP800C	9AL00001-UP
AP800D	A5P00001-UP
AP800D	B4G00001-UP

TOOL CARRIERS SERIAL NO.

IT14G	1WN00001-00959
IT14G	8ZM00001-00931
IT14G	FWL00001-UP
IT14G	KZN00001-UP

GENERATOR SETS SERIAL NO.

	2PW00001-UP
	4ZK00001-UP
	5YS00001-UP
	6FK00001-UP
	5ME00001-UP
	CHN00001-UP
	RCN00001-UP
	CYK00001-UP
	CSH00001-UP

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON BODY ASSY	CYLINDER LINER	PISTON RING SET
KM0264A	135-0264	111-1815	146-1780
KM0264B	135-0264	610164	146-1780
KM0824A	176-0824	111-1815	112-7020
KM0824B	176-0824	610164	112-7020
KM1390A	152-1390	111-1815	138-2073
KM1390B	152-1390	610164	138-2073
KM2553A	107-2553	111-1815	112-7020
KM2553B	107-2553	610164	112-7020

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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CAT 3054 ENGINE

ENGINE OVERHAUL KIT: KMP107-2553.EOK-4A1

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	7W2510	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	100-4626	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	130-1501	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP107-2553.OFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP107-2553.IFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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CAT 3054 ENGINE

ENGINE OVERHAUL KIT: KMP107-2553.EOK-4A2

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	7W2510	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	610282	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	130-1501	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP107-2553.OFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP107-2553.IFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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CAT 3054 ENGINE

ENGINE OVERHAUL KIT: KMP107-2553.EOK-4A3

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	7W2510	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	611196	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	611197	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP107-2553.OFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP107-2553.IFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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CAT 3054 ENGINE

ENGINE OVERHAUL KIT: KMP107-2553.EOK-4A4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	7W2510	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	145-6855	4
VALVE, EXHAUST	145-6857	4
VALVE GUIDE - INLET	185-0882	4
VALVE GUIDE - EXHAUST	163-9256	4
VALVE LOCK	147-1979	16
VALVE SPRING, INLET & EXH.	206-4127	8
VALVE INSERT, INLET	145-6853	4
VALVE INSERT, EXHAUST	145-6854	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP107-2553.OFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP107-2553.IFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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CAT 3054 ENGINE

ENGINE OVERHAUL KIT: KMP107-2553.EOK-4B1

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	7W2510	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	100-4626	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	130-1501	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP107-2553.OFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP107-2553.IFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164

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CAT 3054 ENGINE**ENGINE OVERHAUL KIT: KMP107-2553.EOK-4B2**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	7W2510	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	610282	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	130-1501	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP107-2553.OFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP107-2553.IFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3054 ENGINE

ENGINE OVERHAUL KIT: KMP107-2553.EOK-4B3

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	7W2510	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	611196	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	611197	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP107-2553.OFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP107-2553.IFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164

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CAT 3054 ENGINE**ENGINE OVERHAUL KIT: KMP107-2553.EOK-4B4**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	7W2510	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	145-6855	4
VALVE, EXHAUST	145-6857	4
VALVE GUIDE - INLET	185-0882	4
VALVE GUIDE - EXHAUST	163-9256	4
VALVE LOCK	147-1979	16
VALVE SPRING, INLET & EXH.	206-4127	8
VALVE INSERT, INLET	145-6853	4
VALVE INSERT, EXHAUST	145-6854	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP107-2553.OFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP107-2553.IFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 6I0164**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3054 ENGINE

ENGINE OVERHAUL KIT: KMP135-0264.EOK-4A1

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	067-6158	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	100-4626	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	130-1501	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP135-0264.OFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP135-0264.IFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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CAT 3054 ENGINE

ENGINE OVERHAUL KIT: KMP135-0264.EOK-4A2

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	067-6158	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	610282	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	130-1501	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP135-0264.OFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP135-0264.IFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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CAT 3054 ENGINE

ENGINE OVERHAUL KIT: KMP135-0264.EOK-4A3

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	067-6158	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	611196	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	611197	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP135-0264.OFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP135-0264.IFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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CAT 3054 ENGINE**ENGINE OVERHAUL KIT: KMP135-0264.EOK-4A4**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	067-6158	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	145-6855	4
VALVE, EXHAUST	145-6857	4
VALVE GUIDE - INLET	185-0882	4
VALVE GUIDE - EXHAUST	163-9256	4
VALVE LOCK	147-1979	16
VALVE SPRING, INLET & EXH. INNER	206-4127	8
VALVE INSERT, INLET	145-6853	4
VALVE INSERT, EXHAUST	145-6854	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP135-0264.OFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP135-0264.IFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3054 ENGINE

ENGINE OVERHAUL KIT: KMP135-0264.EOK-4B1

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	067-6158	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	100-4626	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	130-1501	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP135-0264.OFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP135-0264.IFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164

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CAT 3054 ENGINE**ENGINE OVERHAUL KIT: KMP135-0264.EOK-4B2**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	067-6158	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	610282	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	130-1501	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP135-0264.OFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP135-0264.IFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3054 ENGINE

ENGINE OVERHAUL KIT: KMP135-0264.EOK-4B3

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	067-6158	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	611196	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	611197	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP135-0264.OFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP135-0264.IFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164

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Engine Kit Programme**CAT 3054 ENGINE****ENGINE OVERHAUL KIT: KMP135-0264.EOK-4B4**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	067-6158	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	145-6855	4
VALVE, EXHAUST	145-6857	4
VALVE GUIDE - INLET	185-0882	4
VALVE GUIDE - EXHAUST	163-9256	4
VALVE LOCK	147-1979	16
VALVE SPRING, INLET & EXH. INNER	206-4127	8
VALVE INSERT, INLET	145-6853	4
VALVE INSERT, EXHAUST	145-6854	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP135-0264.OFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP135-0264.IFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 6I0164**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3054 ENGINE

ENGINE OVERHAUL KIT: KMP152-1390.EOK-4A1

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	320-2352	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	100-4626	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	130-1501	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP152-1390.OFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP152-1390.IFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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CAT 3054 ENGINE**ENGINE OVERHAUL KIT: KMP152-1390.EOK-4A2**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	320-2352	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	610282	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	130-1501	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP152-1390.OFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP152-1390.IFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3054 ENGINE

ENGINE OVERHAUL KIT: KMP152-1390.EOK-4A3

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	320-2352	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	611196	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	611197	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP152-1390.OFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP152-1390.IFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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CAT 3054 ENGINE**ENGINE OVERHAUL KIT: KMP152-1390.EOK-4A4**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	320-2352	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	145-6855	4
VALVE, EXHAUST	145-6857	4
VALVE GUIDE - INLET	185-0882	4
VALVE GUIDE - EXHAUST	163-9256	4
VALVE LOCK	147-1979	16
VALVE SPRING, INLET & EXH. INNER	206-4127	8
VALVE INSERT, INLET	145-6853	4
VALVE INSERT, EXHAUST	145-6854	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP152-1390.OFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP152-1390.IFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3054 ENGINE

ENGINE OVERHAUL KIT: KMP152-1390.EOK-4B1

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	320-2352	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	100-4626	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	130-1501	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP152-1390.OFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP152-1390.IFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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CAT 3054 ENGINE**ENGINE OVERHAUL KIT: KMP152-1390.EOK-4B2**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	320-2352	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	610282	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	130-1501	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP152-1390.OFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP152-1390.IFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3054 ENGINE

ENGINE OVERHAUL KIT: KMP152-1390.EOK-4B3

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	320-2352	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	611196	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	611197	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP152-1390.OFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP152-1390.IFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164

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CAT 3054 ENGINE**ENGINE OVERHAUL KIT: KMP152-1390.EOK-4B4**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	320-2352	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	145-6855	4
VALVE, EXHAUST	145-6857	4
VALVE GUIDE - INLET	185-0882	4
VALVE GUIDE - EXHAUST	163-9256	4
VALVE LOCK	147-1979	16
VALVE SPRING, INLET & EXH. INNER	206-4127	8
VALVE INSERT, INLET	145-6853	4
VALVE INSERT, EXHAUST	145-6854	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP152-1390.OFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP152-1390.IFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 6I0164**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3054 ENGINE

ENGINE OVERHAUL KIT: KMP176-0824.EOK-4A1

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	7W2510	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	100-4626	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	130-1501	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP176-0824.OFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP176-0824.IFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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CAT 3054 ENGINE

ENGINE OVERHAUL KIT: KMP176-0824.EOK-4A2

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	7W2510	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	610282	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	130-1501	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP176-0824.OFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP176-0824.IFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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CAT 3054 ENGINE

ENGINE OVERHAUL KIT: KMP176-0824.EOK-4A3

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	7W2510	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	611196	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	611197	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP176-0824.OFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP176-0824.IFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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CAT 3054 ENGINE**ENGINE OVERHAUL KIT: KMP176-0824.EOK-4A4**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	7W2510	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	145-6855	4
VALVE, EXHAUST	145-6857	4
VALVE GUIDE - INLET	185-0882	4
VALVE GUIDE - EXHAUST	163-9256	4
VALVE LOCK	147-1979	16
VALVE SPRING, INLET & EXH. INNER	206-4127	8
VALVE INSERT, INLET	145-6853	4
VALVE INSERT, EXHAUST	145-6854	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP176-0824.OFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP176-0824.IFK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3054 ENGINE

ENGINE OVERHAUL KIT: KMP176-0824.EOK-4B1

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	7W2510	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	100-4626	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	130-1501	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP176-0824.OFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP176-0824.IFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164

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CAT 3054 ENGINE

ENGINE OVERHAUL KIT: KMP176-0824.EOK-4B2

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	7W2510	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	610282	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	130-1501	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP176-0824.OFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP176-0824.IFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164

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CAT 3054 ENGINE

ENGINE OVERHAUL KIT: KMP176-0824.EOK-4B3

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	7W2510	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	611196	4
VALVE, EXHAUST	7W4602	4
VALVE GUIDE - INLET	160-5436	4
VALVE GUIDE - EXHAUST	160-5438	4
VALVE LOCK	067-6834	16
VALVE SPRING, INLET & EXH. INNER	610284	8
VALVE SPRING, INLET & EXH. OUTER	610283	8
VALVE INSERT, INLET	611197	4
VALVE INSERT, EXHAUST	109-3428	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP176-0824.OFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP176-0824.IFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164

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CAT 3054 ENGINE**ENGINE OVERHAUL KIT: KMP176-0824.EOK-4B4**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
CONROD BUSHING	7W2510	4
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	145-6855	4
VALVE, EXHAUST	145-6857	4
VALVE GUIDE - INLET	185-0882	4
VALVE GUIDE - EXHAUST	163-9256	4
VALVE LOCK	147-1979	16
VALVE SPRING, INLET & EXH. INNER	206-4127	8
VALVE INSERT, INLET	145-6853	4
VALVE INSERT, EXHAUST	145-6854	4
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

OUT-OF-FRAME KIT: KMP176-0824.OFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	4
MAIN BEARING SET STD	067-6869	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
GASKET KIT LOWER	KMP-3054-K2	1

IN-FRAME KIT: KMP176-0824.IFK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	4
CONROD BEARING SET STD	4P9944	1
GASKET KIT UPPER	KMP-3054-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 6I0164**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3056 ENGINE - APPLICATIONS

HYDRAULIC EXCAVATORS SERIAL NO.

M316C	6BL00001-UP
M316C	BDX00001-04500
M316C	H2C00001-UP
M318C	BCZ00001-04500
M318C	BEB00001-UP
M318C	H2D00001-UP
M318C	H2F00001-UP
M322C	BDK00001-04500
M322C	BDY00001-04500
M322C	HEE00001-UP
M322C	H2G00001-UP

WHEEL LOADERS SERIAL NO.

924G	3DZ00001-UP
924G	3PZ00001-UP
924G	6YW00001-UP
924G	9SW00001-UP
924G	AAN00001-UP
924G	DDA00001-UP
924G	DFZ00001-UP
924G	RBB00001-UP
924G	RTA00001-UP
924G	WX00001-UP
924G	WMB00001-UP
928G	DBT00001-UP
928G	DJD00001-UP
928G	WAC00001-UP
928G	WLG00001-UP
930G	TFW00001-UP
930G	TWR00001-UP

VIBRATORY COMPACTORS SERIAL NO.

CS/CP563E	ASA00001-UP
CS/CP563E	BWE00001-UP
CS/CP563E	CNG00001-UP
CS/CP563E	CNT00001-UP
CS/CP573E	ASZ00001-UP
CS/CP573E	CEB00001-UP
CS/CP573E	CNN00001-UP
CP573E	ASY00001-UP
CS583E	CNX00001-UP
CS583E	DAJ00001-UP
CP/CS663E	AEF00001-UP
CP/CS663E	AFL00001-UP
CP/CS663E	ASB00001-UP
CP/CS663E	ASF00001-UP
CP/CS663E	DAF00001-UP
CP/CS663E	DAG00001-UP
CP/CS663E	ASB00001-UP
CS683E	AGR00001-UP
CS683E	ASG00001-UP
CS683E	DAD00001-UP

ASPHALT PAVERS SERIAL NO.

AP600	B2B00001-UP
AP600	B2S00001-UP
AP655C	AYP00001-UP
AP655C	B9G00001-UP
AP655C	CDG00001-UP

TOOL CARRIERS SERIAL NO.

1T28G	DBT00001-UP
IT28G	DJD00001-UP
IT28G	WAC00001-UP
IT28G	WLG00001-UP

GENERATOR SETS SERIAL NO.

	3GW00001-UP
	7AK00001-UP
	1ML00001-UP
	7MS00001-UP
	SNX00001-UP
	CKS00001-UP

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON BODY ASSY	CYLINDER LINER	PISTON RING SET
KM0264A	135-0264	111-1815	146-1780
KM0264B	135-0264	610164	146-1780
KM0824A	176-0824	111-1815	112-7020
KM0824B	176-0824	610164	112-7020
KM1390A	152-1390	111-1815	138-2073
KM1390B	152-1390	610164	138-2073
KM2553A	107-2553	111-1815	112-7020
KM2553B	107-2553	610164	112-7020

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CAT 3056 ENGINE**ENGINE OVERHAUL KIT: KMP107-2553.EOK-6A1**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	7W2510	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	100-4626	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	130-1501	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP107-2553.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP107-2553.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP107-2553.EOK-6A2

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	7W2510	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	610282	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	130-1501	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP107-2553.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP107-2553.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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Engine Kit Programme**CAT 3056 ENGINE****ENGINE OVERHAUL KIT: KMP107-2553.EOK-6A3**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	7W2510	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	611196	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	611197	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP107-2553.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP107-2553.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP107-2553.EOK-6A4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	7W2510	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	145-6855	6
VALVE, EXHAUST	145-6857	6
VALVE GUIDE - INLET	185-0882	6
VALVE GUIDE - EXHAUST	163-9256	6
VALVE LOCK	147-1979	24
VALVE SPRING, INLET & EXH.	206-4127	12
VALVE INSERT, INLET	145-6853	6
VALVE INSERT, EXHAUST	145-6854	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP107-2553.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP107-2553.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553A	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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CAT 3056 ENGINE**ENGINE OVERHAUL KIT: KMP107-2553.EOK-6B1**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	7W2510	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	100-4626	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	130-1501	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP107-2553.OFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP107-2553.IFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP107-2553.EOK-6B2

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	7W2510	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	610282	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	130-1501	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP107-2553.OFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP107-2553.IFK-6B

KIT CONTENTS	PART NO	QTY
INER KIT WITH 107-2553 PISTON	KM2553B	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164

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Engine Kit Programme**CAT 3056 ENGINE****ENGINE OVERHAUL KIT: KMP107-2553.EOK-6B3**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	7W2510	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	611196	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	611197	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP107-2553.OFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP107-2553.IFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

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CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP107-2553.EOK-6B4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	7W2510	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	145-6855	6
VALVE, EXHAUST	145-6857	6
VALVE GUIDE - INLET	185-0882	6
VALVE GUIDE - EXHAUST	163-9256	6
VALVE LOCK	147-1979	24
VALVE SPRING, INLET & EXH.	206-4127	12
VALVE INSERT, INLET	145-6853	6
VALVE INSERT, EXHAUST	145-6854	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP107-2553.OFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP107-2553.IFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-2553 PISTON	KM2553B	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 6I0164

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CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP135-0264.EOK-6A1

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	067-6158	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	100-4626	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	130-1501	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP135-0264.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP135-0264.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP135-0264.EOK-6A2

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	067-6158	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	610282	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	130-1501	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP135-0264.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP135-0264.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP135-0264.EOK-6A3

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	067-6158	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	611196	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	611197	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP135-0264.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP135-0264.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP135-0264.EOK-6A4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	067-6158	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	145-6855	6
VALVE, EXHAUST	145-6857	6
VALVE GUIDE - INLET	185-0882	6
VALVE GUIDE - EXHAUST	163-9256	6
VALVE LOCK	147-1979	24
VALVE SPRING, INLET & EXH. INNER	206-4127	12
VALVE INSERT, INLET	145-6853	6
VALVE INSERT, EXHAUST	145-6854	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP135-0264.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP135-0264.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264A	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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Engine Kit Programme**CAT 3056 ENGINE****ENGINE OVERHAUL KIT: KMP135-0264.EOK-6B1**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	067-6158	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	100-4626	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	130-1501	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP135-0264.OFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP135-0264.IFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP135-0264.EOK-6B2

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	067-6158	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	610282	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	130-1501	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP135-0264.OFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP135-0264.IFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164

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CAT 3056 ENGINE**ENGINE OVERHAUL KIT: KMP135-0264.EOK-6B3**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	067-6158	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	611196	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	611197	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP135-0264.OFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP135-0264.IFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP135-0264.EOK-6B4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	067-6158	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	145-6855	6
VALVE, EXHAUST	145-6857	6
VALVE GUIDE - INLET	185-0882	6
VALVE GUIDE - EXHAUST	163-9256	6
VALVE LOCK	147-1979	24
VALVE SPRING, INLET & EXH. INNER	206-4127	12
VALVE INSERT, INLET	145-6853	6
VALVE INSERT, EXHAUST	145-6854	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP135-0264.OFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP135-0264.IFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-0264 PISTON	KM0264B	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 6I0164

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CAT 3056 ENGINE**ENGINE OVERHAUL KIT: KMP152-1390.EOK-6A1**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	320-2352	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	100-4626	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	130-1501	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP152-1390.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP152-1390.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP152-1390.EOK-6A2

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	320-2352	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	610282	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	130-1501	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP152-1390.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP152-1390.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP152-1390.EOK-6A3

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	320-2352	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	611196	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	611197	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP152-1390.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP152-1390.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP152-1390.EOK-6A4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	320-2352	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	145-6855	6
VALVE, EXHAUST	145-6857	6
VALVE GUIDE - INLET	185-0882	6
VALVE GUIDE - EXHAUST	163-9256	6
VALVE LOCK	147-1979	24
VALVE SPRING, INLET & EXH. INNER	206-4127	12
VALVE INSERT, INLET	145-6853	6
VALVE INSERT, EXHAUST	145-6854	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP152-1390.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP152-1390.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390A	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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Engine Kit Programme

CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP152-1390.EOK-6B1

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	320-2352	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	100-4626	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	130-1501	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP152-1390.OFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP152-1390.IFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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Engine Kit Programme

CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP152-1390.EOK-6B2

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	320-2352	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	610282	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	130-1501	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP152-1390.OFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP152-1390.IFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164

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CAT 3056 ENGINE**ENGINE OVERHAUL KIT: KMP152-1390.EOK-6B3**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	320-2352	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	611196	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	611197	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP152-1390.OFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP152-1390.IFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP152-1390.EOK-6B4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	320-2352	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	145-6855	6
VALVE, EXHAUST	145-6857	6
VALVE GUIDE - INLET	185-0882	6
VALVE GUIDE - EXHAUST	163-9256	6
VALVE LOCK	147-1979	24
VALVE SPRING, INLET & EXH. INNER	206-4127	12
VALVE INSERT, INLET	145-6853	6
VALVE INSERT, EXHAUST	145-6854	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP152-1390.OFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP152-1390.IFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 152-1390 PISTON	KM1390B	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 6I0164

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CAT 3056 ENGINE**ENGINE OVERHAUL KIT: KMP176-0824.EOK-6A1**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	7W2510	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	100-4626	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	130-1501	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP176-0824.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP176-0824.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP176-0824.EOK-6A2

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	7W2510	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	610282	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	130-1501	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP176-0824.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	11
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP176-0824.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP176-0824.EOK-6A3

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	7W2510	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	611196	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	611197	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP176-0824.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP176-0824.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP176-0824.EOK-6A4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	7W2510	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	145-6855	6
VALVE, EXHAUST	145-6857	6
VALVE GUIDE - INLET	185-0882	6
VALVE GUIDE - EXHAUST	163-9256	6
VALVE LOCK	147-1979	24
VALVE SPRING, INLET & EXH. INNER	206-4127	12
VALVE INSERT, INLET	145-6853	6
VALVE INSERT, EXHAUST	145-6854	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP176-0824.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP176-0824.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824A	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 111-1815

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CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP176-0824.EOK-6B1

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	7W2510	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	100-4626	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	130-1501	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP176-0824.OFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP176-0824.IFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164

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Engine Kit Programme

CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP176-0824.EOK-6B2

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	7W2510	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	610282	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	130-1501	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP176-0824.OFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP176-0824.IFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164

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CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP176-0824.EOK-6B3

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	7W2510	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	611196	6
VALVE, EXHAUST	7W4602	6
VALVE GUIDE - INLET	160-5436	6
VALVE GUIDE - EXHAUST	160-5438	6
VALVE LOCK	067-6834	24
VALVE SPRING, INLET & EXH. INNER	610284	12
VALVE SPRING, INLET & EXH. OUTER	610283	12
VALVE INSERT, INLET	611197	6
VALVE INSERT, EXHAUST	109-3428	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP176-0824.OFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP176-0824.IFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 610164

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CAT 3056 ENGINE

ENGINE OVERHAUL KIT: KMP176-0824.EOK-6B4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
CONROD BUSHING	7W2510	6
CAMSHAFT BUSHING	036-5802	1
VALVE, INLET	145-6855	6
VALVE, EXHAUST	145-6857	6
VALVE GUIDE - INLET	185-0882	6
VALVE GUIDE - EXHAUST	163-9256	6
VALVE LOCK	147-1979	24
VALVE SPRING, INLET & EXH. INNER	206-4127	12
VALVE INSERT, INLET	145-6853	6
VALVE INSERT, EXHAUST	145-6854	6
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

OUT-OF-FRAME KIT: KMP176-0824.OFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	6
MAIN BEARING SET STD	308-3431	1
THRUST BEARING STD (UPPER)	032-9090	2
THRUST BEARING STD (LOWER)	032-9091	2
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
GASKET KIT LOWER	KMP-3056-K2	1

IN-FRAME KIT: KMP176-0824.IFK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 176-0824 PISTON	KM0824B	6
CONROD BEARING SET STD	7W4816	1
GASKET KIT UPPER	KMP-3056-K1	1
OIL PAN GASKET	032-9946	1

NOTE: SLEEVE 6I0164

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CAT 3066 ENGINE - APPLICATIONS

HYDRAULIC EXCAVATORS

SERIAL NO.

318C	BTG00001-UP
318C	DAH00001-UP
318C	FAA00001-UP
318C/L	AWS00001-UP
318L	GPA00001-UP
318L	MDY00001-UP
319C	KGL00001-UP
319C	KGL00001-UP
320B/L	4NR00001-UP
320B/L	4XW00001-UP
320B/L	5BR00001-UP
320B/L	5GW00001-UP
320B/L	6CR00001-UP
320B/L	8LK00001-UP
320B/L	9KK00001-01859
320B/L	BBC00001-UP
320B/L	BBG00001-UP
320B/L	BBL00001-UP
320B/L	BAN00001-UP
320C	AKH00001-UP
320C	ALF00001-UP
320C	AMC00001-UP
320C	ANB00001-UP
320C	AXK00001-UP
320C	BCB00001-UP

HYDRAULIC EXCAVATORS

SERIAL NO.

320C	BCN00001-UP
320C	BDB00001-UP
320C	BDC00001-UP
320C	BDE00001-UP
320C	BEA00001-UP
320C	BEF00001-UP
320C	BER00001-UP
320C	BGB00001-UP
320C	BKK00001-UP
320C	BMZ00001-UP
320C	BPR00001-UP
320C	CLM00001-UP
320C	CLZ00001-UP
320C	DGB00001-UP
320C	EAG00001-UP
320C	EGA00001-UP
320C	EGL00001-UP
320C	GAD00001-UP
320C	GHA00001-UP
320C	GLA00001-UP
320C	HBC00001-UP
320C	HKT00001-UP
320C	JTG00001-UP
320C	MAB00001-UP
320C	MAC00001-UP

HYDRAULIC EXCAVATORS

SERIAL NO.

320C	PAB00001-UP
320C	PAC00001-UP
320C	RAW00001-UP
320C	SAH00001-UP
320C	TBR00001-UP
320D	CXY00001-UP
320D	DHK00001-UP
320D	EBY00001-UP
320D	FXK00001-UP
320D	GKL00001-UP
320L	1KL00001-UP
320L	2DL00001-00213
320L/N	1XM00001-UP
320L/N	2DL00214-UP
320L/N	9KK01359-UP
320N	4NR00001-UP
321B	KGA00001-UP
321C	KCR00001-UP
321C	MCF00001-UP
323D	CYD00001-UP
323D	DKW00001-UP
323D	PBM00001-UP
323D	SDC00001-UP

CYLINDER KITS AND COMPONENTS

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON BODY ASSY	CYLINDER LINER	PISTON RING SET
KM7752	297-7752P	517523	178-6543

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CAT 3066 ENGINE

ENGINE OVERHAUL KIT: KMP297-7752.EOK-A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 297-7752 PISTON	KM7752	6
MAIN BEARING STD	517588	7
THRUST BEARING STD	517654	3
CONROD BEARING STD	517637	6
CONROD BUSHING	517539	6
CAMSHAFT BUSHING	517529	1
CAMSHAFT BUSHING	518009	1
CAMSHAFT BUSHING	517528	2
VALVE, INLET	212-8477	6
VALVE, EXHAUST	517739	6
VALVE GUIDE INLET	183-8172	6
VALVE GUIDE EXHAUST	183-8173	6
VALVE INSERT, INLET	212-8474	6
VALVE INSERT, EXHAUST	518012	6
VALVE LOCK	517719	24
VALVE SPRING	517740	12
GASKET KIT UPPER AND LOWER	KMP-3066-K1/K2	1

OUT-OF-FRAME KIT: KMP297-7752.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 297-7752 PISTON	KM7752	6
MAIN BEARING STD	517588	7
THRUST BEARING STD	517654	3
CONROD BEARING STD	517637	6
GASKET KIT UPPER AND LOWER	KMP-3066-K1/K2	1

IN-FRAME KIT: KMP297-7752.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 297-7752 PISTON	KM7752	6
CONROD BEARING STD	517637	6
GASKET KIT UPPER 3066	517797	1
SUMP GASKET	517666	1

NOTE: WITH INLET VALVE 212-8477

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CAT 3066 ENGINE

ENGINE OVERHAUL KIT: KMP297-7752.EOK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 297-7752 PISTON	KM7752	6
MAIN BEARING STD	517588	7
THRUST BEARING STD	517654	3
CONROD BEARING STD	517637	6
CONROD BUSHING	517539	6
CAMSHAFT BUSHING	517529	1
CAMSHAFT BUSHING	518009	1
CAMSHAFT BUSHING	517528	2
VALVE, INLET	517738	6
VALVE, EXHAUST	517739	6
VALVE GUIDE INLET	183-8172	6
VALVE GUIDE EXHAUST	183-8173	6
VALVE INSERT, INLET	518011	6
VALVE INSERT, EXHAUST	518012	6
VALVE LOCK	517719	24
VALVE SPRING	517740	12
GASKET KIT UPPER AND LOWER	KMP-3066-K1/K2	1

OUT-OF-FRAME KIT: KMP297-7752.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 297-7752 PISTON	KM7752	6
MAIN BEARING STD	517588	7
THRUST BEARING STD	517654	3
CONROD BEARING STD	517637	6
GASKET KIT UPPER AND LOWER	KMP-3066-K1/K2	1

IN-FRAME KIT: KMP297-7752.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 297-7752 PISTON	KM7752	6
CONROD BEARING STD	517637	6
GASKET KIT UPPER 3066	517797	1
SUMP GASKET	517666	1

NOTE: WITH INLET VALVE 517738

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CAT 3114 ENGINE - APPLICATIONS

HYDRAULIC EXCAVATORS SERIAL NO.

205B	5ZF00001-UP
206B	9BF00001-UP
211B	6XG00001-UP
212B	3PJ00001-UP
E110B	5GK00001-UP
E110B	8MF00001-UP
E120B	4XK00001-UP
E120B	6JF00001-UP

WHEEL LOADERS SERIAL NO.

910E	1SF00001-01103
910F	2SF01104-UP
918F	2CK00001-UP
918F	3TJ00001-UP
918F	5DL00001-UP
924F	4YN00001-UP
924F	6MN00001-UP
924F	5NN00001-UP
924F	7PN00001-UP

BACKHOE LOADERS SERIAL NO.

446B	5BL00001-05100
446B	6XF00001-UP
446D	DBL00001-UP

TELEHANDLERS SERIAL NO.

TH62	
TH63	
TH82	
TH83	
RT80 & RT100	1GJ00001-01207

VIBRATORY COMPACTORS SERIAL NO.

CB434	3TF00001-00650
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TOOL CARRIERS SERIAL NO.

IT12B	1KF00001-00819
IT12F	IKF00820-UP
IT14B	3NJ00001-UP
IT14F	4EL00001-UP
IT18F	5EJ00001-UP
IT18F	6ZF00001-UP
IT24F	4NN00001-UP
IT24F	6KN00001-UP

INDUSTRIAL APPLICATIONS SERIAL NO.

	5EF00001-UP
	1ZG00001-UP
	4KR00001-UP
	5JG00001-UP

TRUCKS SERIAL NO.

	5YL00001-UP
	9LL00001-UP

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON BODY ASSY	PISTON CROWN	PISTON SKIRT	CYLINDER LINER	PISTON PIN	PISTON RING SET	INDIVIDUAL PISTON RINGS
KM1144	611144B			7C6208	7C0115		107-7787+4P1806+4P1807
KM115-4124	115-4124			7C6208	7C0115	7E5213	
KM1210		611210	238-2716	7C6208	7C3901	7E5213	
KM1710	105-1710			7C6208	7C0115		107-7787+4P1806+4P1807
KM1720		105-1720	238-2716	7C6208	7C3901		100-4297+107-7787+4P1806
KM2990	4P2990			7C6208	7C0115		107-7787+4P1806+4P1807
KM3428	7E3428			7C6208	7C0115	7E5213	
KM4248		614248	238-2716	7C6208	7C3901	7E5213	
KM5668	7C5668			7C6208	7C0115	7E5213	
KM7545		107-7545	238-2716	7C6208	7C3901	7E5213	
KM7553		107-7553	238-2716	7C6208	7C3901	7E5213	
KM7563	107-7563			7C6208	7C0115		107-7787+4P1806+7E5786

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CAT 3114 ENGINE

ENGINE OVERHAUL KIT: KMP105-1710.EOK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 105-1710 PISTON	KM1710	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
CONROD BUSHING	2W0027	4
CAMSHAFT BUSHING	2W7213	4
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	4
VALVE, EXHAUST 3114/3116	136-0819	4
VALVE GUIDE	9Y8848	8
VALVE INSERT, INLET	163-9063	4
VALVE INSERT, EXHAUST	1W2713	4
INJECTOR SLEEVE	119-3061	4
VALVE LOCK	1W2715	16
VALVE SPRING	7C4273	8
RETAINER, VALVE SPRING	7E7779	8
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

OUT-OF-FRAME KIT: KMP105-1710.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 105-1710 PISTON	KM1710	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

IN-FRAME KIT: KMP105-1710.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 105-1710 PISTON	KM1710	4
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
OIL PAN GASKET	124-3912	1

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CAT 3114 ENGINE

ENGINE OVERHAUL KIT: KMP105-1720.EOK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 105-1720 CROWN	KM1729	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
CONROD BUSHING	2W0027	4
CAMSHAFT BUSHING	2W7213	4
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	4
VALVE, EXHAUST 3114/3116	136-0819	4
VALVE GUIDE	9Y8848	8
VALVE INSERT, INLET	163-9063	4
VALVE INSERT, EXHAUST	1W2713	4
INJECTOR SLEEVE	119-3061	4
VALVE LOCK	1W2715	16
VALVE SPRING	7C4273	8
RETAINER, VALVE SPRING	7E7779	8
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

OUT-OF-FRAME KIT: KMP105-1720.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 105-1720 CROWN	KM1729	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

IN-FRAME KIT: KMP105-1720.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 105-1720 CROWN	KM1729	4
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
OIL PAN GASKET	124-3912	1

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CAT 3114 ENGINE

ENGINE OVERHAUL KIT: KMP107-7545.EOK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7545 CROWN	KM7545	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
CONROD BUSHING	2W0027	4
CAMSHAFT BUSHING	2W7213	4
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	4
VALVE, EXHAUST 3114/3116	136-0819	4
VALVE GUIDE	9Y8848	8
VALVE INSERT, INLET	163-9063	4
VALVE INSERT, EXHAUST	1W2713	4
INJECTOR SLEEVE	119-3061	4
VALVE LOCK	1W2715	16
VALVE SPRING	7C4273	8
RETAINER, VALVE SPRING	7E7779	8
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

OUT-OF-FRAME KIT: KMP107-7545.OFK-4

KIT CONTENTS	PART NO	QTY
INER KIT WITH 107-7545 CROWN	KM7545	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

IN-FRAME KIT: KMP107-7545.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7545 CROWN	KM7545	4
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
OIL PAN GASKET	124-3912	1

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CAT 3114 ENGINE

ENGINE OVERHAUL KIT: KMP107-7553.EOK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7553 CROWN	KM7553	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
CONROD BUSHING	2W0027	4
CAMSHAFT BUSHING	2W7213	4
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	4
VALVE, EXHAUST 3114/3116	136-0819	4
VALVE GUIDE	9Y8848	8
VALVE INSERT, INLET	163-9063	4
VALVE INSERT, EXHAUST	1W2713	4
INJECTOR SLEEVE	119-3061	4
VALVE LOCK	1W2715	16
VALVE SPRING	7C4273	8
RETAINER, VALVE SPRING	7E7779	8
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

OUT-OF-FRAME KIT: KMP107-7553.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7553 CROWN	KM7553	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

IN-FRAME KIT: KMP107-7553.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7553 CROWN	KM7553	4
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
OIL PAN GASKET	124-3912	1

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CAT 3114 ENGINE**ENGINE OVERHAUL KIT: KMP107-7563.EOK-4**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7563 PISTON	KM7563	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
CONROD BUSHING	2W0027	4
CAMSHAFT BUSHING	2W7213	4
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	4
VALVE, EXHAUST 3114/3116	136-0819	4
VALVE GUIDE	9Y8848	8
VALVE INSERT, INLET	163-9063	4
VALVE INSERT, EXHAUST	1W2713	4
INJECTOR SLEEVE	119-3061	4
VALVE LOCK	1W2715	16
VALVE SPRING	7C4273	8
RETAINER, VALVE SPRING	7E7779	8
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

OUT-OF-FRAME KIT: KMP107-7563.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7563 PISTON	KM7563	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

IN-FRAME KIT: KMP107-7563.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7563 PISTON	KM7563	4
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
OIL PAN GASKET	124-3912	1

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CAT 3114 ENGINE

ENGINE OVERHAUL KIT: KMP115-4124.EOK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 115-4124 PISTON	KM115-4124	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
CONROD BUSHING	2W0027	4
CAMSHAFT BUSHING	2W7213	4
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	4
VALVE, EXHAUST 3114/3116	136-0819	4
VALVE GUIDE	9Y8848	8
VALVE INSERT, INLET	163-9063	4
VALVE INSERT, EXHAUST	1W2713	4
INJECTOR SLEEVE	119-3061	4
VALVE LOCK	1W2715	16
VALVE SPRING	7C4273	8
RETAINER, VALVE SPRING	7E7779	8
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

OUT-OF-FRAME KIT: KMP115-4124.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 115-4124 PISTON	KM115-4124	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

IN-FRAME KIT: KMP115-4124.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 115-4124 PISTON	KM115-4124	4
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
OIL PAN GASKET	124-3912	1

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CAT 3114 ENGINE

ENGINE OVERHAUL KIT: KMP4P2990.EOK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 4P2990 PISTON	KM2990	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
CONROD BUSHING	2W0027	4
CAMSHAFT BUSHING	2W7213	4
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	4
VALVE, EXHAUST 3114/3116	136-0819	4
VALVE GUIDE	9Y8848	8
VALVE INSERT, INLET	163-9063	4
VALVE INSERT, EXHAUST	1W2713	4
INJECTOR SLEEVE	119-3061	4
VALVE LOCK	1W2715	16
VALVE SPRING	7C4273	8
RETAINER, VALVE SPRING	7E7779	8
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

OUT-OF-FRAME KIT: KMP4P2990.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 4P2990 PISTON	KM2990	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

IN-FRAME KIT: KMP4P2990.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 4P2990 PISTON	KM2990	4
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
OIL PAN GASKET	124-3912	1

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CAT 3114 ENGINE

ENGINE OVERHAUL KIT: KMP611144.EOK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 611144 PISTON	KM1144	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
CONROD BUSHING	2W0027	4
CAMSHAFT BUSHING	2W7213	4
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	4
VALVE, EXHAUST 3114/3116	136-0819	4
VALVE GUIDE	9Y8848	8
VALVE INSERT, INLET	163-9063	4
VALVE INSERT, EXHAUST	1W2713	4
INJECTOR SLEEVE	119-3061	4
VALVE LOCK	1W2715	16
VALVE SPRING	7C4273	8
RETAINER, VALVE SPRING	7E7779	8
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

OUT-OF-FRAME KIT: KMP611144.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 611144 PISTON	KM1144	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

IN-FRAME KIT: KMP611144.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 611144 PISTON	KM1144	4
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
OIL PAN GASKET	124-3912	1

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CAT 3114 ENGINE

ENGINE OVERHAUL KIT: KMP6I1210.EOK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6I1210 CROWN	KM1210	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
CONROD BUSHING	2W0027	4
CAMSHAFT BUSHING	2W7213	4
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	4
VALVE, EXHAUST 3114/3116	136-0819	4
VALVE GUIDE	9Y8848	8
VALVE INSERT, INLET	163-9063	4
VALVE INSERT, EXHAUST	1W2713	4
INJECTOR SLEEVE	119-3061	4
VALVE LOCK	1W2715	16
VALVE SPRING	7C4273	8
RETAINER, VALVE SPRING	7E7779	8
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

OUT-OF-FRAME KIT: KMP6I1210.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6I1210 CROWN	KM1210	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

IN-FRAME KIT: KMP6I1210.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6I1210 CROWN	KM1210	4
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
OIL PAN GASKET	124-3912	1

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CAT 3114 ENGINE

ENGINE OVERHAUL KIT: KMP6I4248.EOK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6I4248 CROWN	KM4248	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
CONROD BUSHING	2W0027	4
CAMSHAFT BUSHING	2W7213	4
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	4
VALVE, EXHAUST 3114/3116	136-0819	4
VALVE GUIDE	9Y8848	8
VALVE INSERT, INLET	163-9063	4
VALVE INSERT, EXHAUST	1W2713	4
INJECTOR SLEEVE	119-3061	4
VALVE LOCK	1W2715	16
VALVE SPRING	7C4273	8
RETAINER, VALVE SPRING	7E7779	8
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

OUT-OF-FRAME KIT: KMP6I4248.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6I4248 CROWN	KM4248	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

IN-FRAME KIT: KMP6I4248.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6I4248 CROWN	KM4248	4
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
OIL PAN GASKET	124-3912	1

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CAT 3114 ENGINE

ENGINE OVERHAUL KIT: KMP7C5668.EOK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C5668	KM5668	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
CONROD BUSHING	2W0027	4
CAMSHAFT BUSHING	2W7213	4
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	4
VALVE, EXHAUST 3114/3116	136-0819	4
VALVE GUIDE	9Y8848	8
VALVE INSERT, INLET	163-9063	4
VALVE INSERT, EXHAUST	1W2713	4
INJECTOR SLEEVE	119-3061	4
VALVE LOCK	1W2715	16
VALVE SPRING	7C4273	8
RETAINER, VALVE SPRING	7E7779	8
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

OUT-OF-FRAME KIT: KMP7C5668.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C5668	KM5668	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

IN-FRAME KIT: KMP7C5668.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C5668	KM5668	4
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
OIL PAN GASKET	124-3912	1

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CAT 3114 ENGINE

ENGINE OVERHAUL KIT: KMP7E3428.EOK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E3428 PISTON	KM3428	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
CONROD BUSHING	2W0027	4
CAMSHAFT BUSHING	2W7213	4
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	4
VALVE, EXHAUST 3114/3116	136-0819	4
VALVE GUIDE	9Y8848	8
VALVE INSERT, INLET	163-9063	4
VALVE INSERT, EXHAUST	1W2713	4
INJECTOR SLEEVE	119-3061	4
VALVE LOCK	1W2715	16
VALVE SPRING	7C4273	8
RETAINER, VALVE SPRING	7E7779	8
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

OUT-OF-FRAME KIT: KMP7E3428.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E3428 PISTON	KM3428	4
MAIN BEARING STD (LUB,GROOVE)	107-7708	1
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
GASKET KIT LOWER 3114	KMP-3114-K2	1

IN-FRAME KIT: KMP7E3428.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E3428 PISTON	KM3428	4
CONROD BEARING STD	224-6638	4
GASKET KIT UPPER 3114	KMP-3114-K1	1
OIL PAN GASKET	124-3912	1

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CAT 3116 ENGINE - APPLICATIONS

HYDRAULIC EXCAVATORS

SERIAL NO.

214B	9MF00001-UP
224B	7WF00001-UP
E200B	6KF00001-UP
E200B	7DF00001-UP
E240B	5WG00001-UP
E240C	2RL00001-UP
E240C	9PK00001-UP
E240C & EL240C	9PK00001-UP
M318	6ES00001-UP
M318	8AL00001-UP
M318	8SS00001-UP
320B/L	1XS00001-UP
320B/L	2AS00001-UP
320B/L	3YZ00001-UP
320B/L	6KM00001-UP
320L	1TL00001-UP
320L/N	3XK00001-UP
320L/N	4JZ00001-UP
320L/N	5MS00001-UP
320L/N	9WG00001-UP
320L/N	9WS00001-UP
322B	1AS00001-UP
322B	1YS00001-UP
322B/L	8MR00001-UP
322B/L	1ZS00001-UP
322B/L	2ES00001-UP
322L/N	4RM00001-UP
322L/N	8ML00001-UP
322L/N	9JL00001-UP
325B/L	4DS00001-UP
325B/L	6DN00001-UP
325B/L	8FN00001-UP
325B/L	2JK00001-UP
325B/L	2JR00001-UP
325B/L	9SG00001-UP
325B/L	9ZK00001-UP
325L	5WK0001-UP
325L	6KK00001-UP
325L	6RM00001-UP
325L	7CJ00001-UP
325L	7TG00001-UP
325L	8JG00001-UP
325L	8MR00001-UP
325L	8NK00001-UP
325L	9KL00001-UP
325L & N	2SK00001-UP
325L & N	2SL00001-UP
325L & N	3LL00001-UP
325L & N	5BS00001-UP
325L & N	7LJ00001-UP
325L & N	7LM00001-UP

DOZERS

SERIAL NO.

D5M	4JS00001-UP
D5M	5ES00001-UP
D5M	5FS00001-UP
D5M	6AS00001-UP
D5M	3CR00001-UP
D5M	4BR00001-UP
D5M	6GN00001-UP
D6M	2RN00001-UP
D6M	4JN00001-UP
D6M	5WR00001-UP

WHEEL LOADERS

SERIAL NO.

928F	8AK00001-UP
928F	2XL00001-02750
928G	6XR00001-UP
928G	7SR00001-UP
928G	6XR00001-UP
938F	2RM00001-UP
938F	7SN00001-UP
938F	1KM00001-02508
950F	4DJ02000-03960
950F	7ZF00001-UP
950F	2LM00001-UP
950F	5SK0001-01850
950F	6YG00001-UP
950F	8TK00001-UP
960F	6XL00001-01000
960F	4CL00001-UP
960F	1YM00001-UP
960F	9ZL00001-UP

BACKHOE LOADERS

SERIAL NO.

438C
416C
426C
428C
436C
438C

TRACK LOADERS

SERIAL NO.

953B	5MK00001-UP
963C	2DS00001-UP
953C	2ZN00001-UP
963C	2DS00001-UP

MOTOR GRADERS

SERIAL NO.

120H	2AN00001-UP
120H	5FM00001-UP
120H	4MK00001-UP
120H	4NM00001-UP
120H	6TM00001-UP
120H	6YN00001-UP
120H	9YR00001-UP
135H	BDJ00001-UP
135H	7MM00001-UP
135H	8WN00001-UP

WHEEL TRACTORS

SERIAL NO.

613C	8LJ00001-UP
613C	93X02780-UP
613C	KEH00001-UP

VIBRATORY COMPACTORS

SERIAL NO.

CP/CS533C	2XN00001-UP
CP/CS533C	3BL00001-UP
CP/CS533C	3XN00001-UP
CP/CS533C	3YN00001-UP
CP/CS533C	3ZL00001-UP
CP/CS563	1YJ00001-01950
CP/CS563	8XF00001-00778
CP/CS563	4KN00001-UP
CP/CS563	4LN00001-00778
CP/CS563	5AJ00001-00778
CP/CS563	5JN00001-UP
CP563C & CP563D	2RZ00001-UP
CP563C & CS563D	5KN00001-UP
CP563C & CS563D	5LZ00001-UP
CS531	4KM00001-UP
CS531	3WM00001-UP
CS531C	5JN00001-UP
CS531C	9RN00001-UP
CS531C	5ZN00001-UP
CS531D	3AZ00001-UP
CS531D	4MZ00001-UP
CS533	4HL00001-UP
CS533	5AL00001-UP
CS563D	1SZ00001-UP
CS573	8PK00001-UP
CS573C	6LN00001-UP
CS573D	2YZ00001-UP
CS583	1EL00001-UP
CS583C	7MN00001-UP
CS583C	7NN00001-UP
CS583D	3GZ00001-UP

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CAT 3116 ENGINE - APPLICATIONS

ASPHALT PAVERS

SERIAL NO.

120H	2AN00001-UP
120H	5FM00001-UP
120H	4MK00001-UP
120H	4NM00001-UP
120H	6TM00001-UP
120H	6YN00001-UP
120H	9YR00001-UP
135H	BDJ00001-UP
135H	7MM00001-UP
135H	8WN00001-UP

TOOL CARRIERS

SERIAL NO.

CS583D	2CZ00001-UP
CB634	5CL00001-UP
IT28F	1JL00001-UP
IT28F	3CL00001-UP
IT28G	8CR00001-UP
IT28G	9AR00001-UP
IT38F	5DR00001-UP

INDUSTRIAL APPLICATIONS

SERIAL NO.

2WG00001-UP

TRUCKS

SERIAL NO.

2BK00001-UP
2CW00001-UP
2FR00001-UP
3RJ00001-UP
5JZ00001-UP
5RM00001-UP
7AG00001-UP
7HJ00001-UP
7HS00001-UP
7JL00001-UP
7SF00001-UP
8WL00001-UP
9CJ00001-UP
9GK00001-UP
9LN00001-UP

ARTICULATED TRUCKS

SERIAL NO.

D20D & D250D 6NG00001-UP
D20D & D250D 9MG00001-UP

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON BODY ASSY	PISTON CROWN	PISTON SKIRT	CYLINDER LINER	PISTON PIN	PISTON RING SET	INDIVIDUAL PISTON RINGS
KM1144	611144B			7C6208	7C0115		107-7787+4P1806+4P1807
KM115-4124	115-4124			7C6208	7C0115	7E5213	
KM1210		611210	238-2716	7C6208	7C3901	7E5213	
KM1710	105-1710			7C6208	7C0115		107-7787+4P1806+4P1807
KM1720		105-1720	238-2716	7C6208	7C3901		100-4297+107-7787+4P1806
KM2990	4P2990			7C6208	7C0115		107-7787+4P1806+4P1807
KM3428	7E3428			7C6208	7C0115	7E5213	
KM4248		614248	238-2716	7C6208	7C3901	7E5213	
KM5668	7C5668			7C6208	7C0115	7E5213	
KM7545		107-7545	238-2716	7C6208	7C3901	7E5213	
KM7553		107-7553	238-2716	7C6208	7C3901	7E5213	
KM7563	107-7563			7C6208	7C0115		107-7787+4P1806+7E5786

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CAT 3116 ENGINE

ENGINE OVERHAUL KIT: KMP105-1710.EOK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 105-1710 PISTON	KM1710	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP105-1710.OFK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 105-1710 PISTON	KM1710	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP105-1710.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 105-1710 PISTON	KM1710	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

NOTE: ALL THE LISTED PARTS ARE FOR EARLY MODEL ENGINES USING BLOCKS WITH LUBRICATING GROOVES IN THE MAIN BEARING SADDLE

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CAT 3116 ENGINE

ENGINE OVERHAUL KIT: KMP105-1720.EOK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 105-1720 CROWN	KM1720	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP105-1720.OFK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 105-1720 CROWN	KM1720	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP105-1720.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 105-1720 CROWN	KM1720	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

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CAT 3116 ENGINE

ENGINE OVERHAUL KIT: KMP107-7545.EOK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7545 CROWN	KM7545	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP107-7545.OFK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7545 CROWN	KM7545	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP107-7545.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7545 CROWN	KM7545	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	115-4202	1

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CAT 3116 ENGINE

ENGINE OVERHAUL KIT: KMP107-7553.EOK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7553 CROWN	KM7553	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP107-7553.OFK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7553 CROWN	KM7553	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP107-7553.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7553 CROWN	KM7553	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

**NOTE: ALL THE LISTED PARTS ARE FOR EARLY MODEL ENGINES
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CAT 3116 ENGINE

ENGINE OVERHAUL KIT: KMP107-7563.EOK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7563 PISTON	KM7563	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP107-7563.OFK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7563 PISTON	KM7563	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP107-7563.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7563 PISTON	KM7563	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

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CAT 3116 ENGINE

ENGINE OVERHAUL KIT: KMP115-4124.EOK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 115-4124 PISTON	KM115-4124	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP115-4124.OFK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 115-4124 PISTON	KM115-4124	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP115-4124.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 115-4124 PISTON	KM115-4124	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

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CAT 3116 ENGINE

ENGINE OVERHAUL KIT: KMP4P2990.EOK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 4P2990 PISTON	KM2990	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP4P2990.OFK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 4P2990 PISTON	KM2990	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP4P2990.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 4P2990 PISTON	KM2990	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

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CAT 3116 ENGINE

ENGINE OVERHAUL KIT: KMP611144.EOK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 611144 PISTON	KM1144	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP611144.OFK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 611144 PISTON	KM1144	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP611144.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 611144 PISTON	KM1144	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

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CAT 3116 ENGINE

ENGINE OVERHAUL KIT: KMP6I1210.EOK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6I1210 CROWN	KM1210	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP6I1210.OFK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6I1210 CROWN	KM1210	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP6I1210.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6I1210 CROWN	KM1210	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

NOTE: ALL THE LISTED PARTS ARE FOR EARLY MODEL ENGINES USING BLOCKS WITH LUBRICATING GROOVES IN THE MAIN BEARING SADDLE

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CAT 3116 ENGINE

ENGINE OVERHAUL KIT: KMP6I4248.EOK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6I4248 CROWN	KM4248	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP6I4248.OFK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6I4248 CROWN	KM4248	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP6I4248.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6I4248 CROWN	KM4248	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

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CAT 3116 ENGINE

ENGINE OVERHAUL KIT: KMP7C5668.EOK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C5668 PISTON	KM5668	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP7C5668.OFK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C5668 PISTON	KM5668	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP7C5668.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C5668 PISTON	KM5668	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

NOTE: ALL THE LISTED PARTS ARE FOR EARLY MODEL ENGINES USING BLOCKS WITH LUBRICATING GROOVES IN THE MAIN BEARING SADDLE

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CAT 3116 ENGINE

ENGINE OVERHAUL KIT: KMP7E3428.EOK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E3428 PISTON	KM3428	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP7E3428.OFK-6E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E3428 PISTON	KM3428	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	3
MAIN BEARING STD (NO LUB.GROOVE)	101-1530	3
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP7E3428.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E3428 PISTON	KM3428	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

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CAT 3116 ENGINE

ENGINE OVERHAUL KIT: KMP105-1710.EOK-6L

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 105-1710 PISTON	KM1710	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP105-1710.OFK-6L

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 105-1710 PISTON	KM1710	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP105-1710.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 105-1710 PISTON	KM1710	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

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CAT 3116 ENGINE

ENGINE OVERHAUL KIT: KMP105-1720.EOK-6L

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 105-1720 CROWN	KM1720	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP105-1720.OFK-6L

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 105-1720 CROWN	KM1720	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP105-1720.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 105-1720 CROWN	KM1720	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

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CAT 3116 ENGINE**ENGINE OVERHAUL KIT: KMP107-7545.EOK-6L**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7545 CROWN	KM7545	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP107-7545.OFK-6L

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7545 CROWN	KM7545	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP107-7545.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7545 CROWN	KM7545	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	115-4202	1

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CAT 3116 ENGINE

ENGINE OVERHAUL KIT: KMP107-7553.EOK-6L

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7553 CROWN	KM7553	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP107-7553.OFK-6L

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7553 CROWN	KM7553	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP107-7553.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7553 CROWN	KM7553	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

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CAT 3116 ENGINE

ENGINE OVERHAUL KIT: KMP107-7563.EOK-6L

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7563 PISTON	KM7563	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP107-7563.OFK-6L

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7563 PISTON	KM7563	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP107-7563.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-7563 PISTON	KM7563	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

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CAT 3116 ENGINE

ENGINE OVERHAUL KIT: KMP115-4124.EOK-6L

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 115-4124 PISTON	KM115-4124	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP115-4124.OFK-6L

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 115-4124 PISTON	KM115-4124	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP115-4124.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 115-4124 PISTON	KM115-4124	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

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CAT 3116 ENGINE**ENGINE OVERHAUL KIT: KMP4P2990.EOK-6L**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 4P2990 PISTON	KM2990	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP4P2990.OFK-6L

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 4P2990 PISTON	KM2990	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP4P2990.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 4P2990 PISTON	KM2990	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

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CAT 3116 ENGINE

ENGINE OVERHAUL KIT: KMP611144.EOK-6L

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 611144 PISTON	KM1144	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP611144.OFK-6L

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 611144 PISTON	KM1144	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP611144.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 611144 PISTON	KM1144	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

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KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6I1210 CROWN	KM1210	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP6I1210.OFK-6L

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6I1210 CROWN	KM1210	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP6I1210.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6I1210 CROWN	KM1210	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

NOTE: ALL THE LISTED PARTS ARE FOR LATE MODEL ENGINES USING BLOCKS WITHOUT LUBRICATING GROOVES IN THE MAIN BEARING SADDLE

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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CAT 3116 ENGINE

ENGINE OVERHAUL KIT: KMP6I4248.EOK-6L

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6I4248 CROWN	KM4248	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP6I4248.OFK-6L

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6I4248 CROWN	KM4248	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP6I4248.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6I4248 CROWN	KM4248	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

NOTE: ALL THE LISTED PARTS ARE FOR LATE MODEL ENGINES USING BLOCKS WITHOUT LUBRICATING GROOVES IN THE MAIN BEARING SADDLE

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CAT 3116 ENGINE**ENGINE OVERHAUL KIT: KMP7C5668.EOK-6L**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C5668 PISTON	KM5668	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP7C5668.OFK-6L

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C5668 PISTON	KM5668	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP7C5668.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C5668 PISTON	KM5668	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

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CAT 3116 ENGINE

ENGINE OVERHAUL KIT: KMP7E3428.EOK-6L

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E3428 PISTON	KM3428	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	2W7213	6
CAMSHAFT BUSHING	216-5586	1
VALVE, INLET 3114/3116	161-4280	6
VALVE, EXHAUST 3114/3116	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
INJECTOR SLEEVE	119-3061	6
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
RETAINER, VALVE SPRING	7E7779	12
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

OUT-OF-FRAME KIT: KMP7E3428.OFK-6L

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E3428 PISTON	KM3428	6
MAIN BEARING STD (LUB,GROOVE)	107-7708	6
THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
GASKET KIT LOWER 3116	KMP-3116-K2	1

IN-FRAME KIT: KMP7E3428.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E3428 PISTON	KM3428	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER 3116	KMP-3116-K1	1
OIL PAN GASKET	261-3816	1

NOTE: ALL THE LISTED PARTS ARE FOR LATE MODEL ENGINES USING BLOCKS WITHOUT LUBRICATING GROOVES IN THE MAIN BEARING SADDLE

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CAT 3126 ENGINE - APPLICATIONS

EXCAVATORS

SERIAL NO.

322C & 322C L	BKM00001-UP
322C & 322C L	BLP00001-UP
322C & 322C LN	BFK00001-UP
322C & 322C LN	BGR00001-UP
322B	1YS00001-UP
325 & 325L	2JK00001-UP
325B L	2JR00001-UP
325 & 325L	6RM00001-UP
325C & 325C L	BKW00001-UP
325C & 325C L	BMM00001-UP
325C & 325C L	BTD00001-UP

MOTOR GRADERS

SERIAL NO.

120H	6NM00001-UP
120H	6TM00001-00442
120H	12400001-UP
120H	ALZ00001-UP
135H	AMX00001-UP
135H	CBC00001-UP
120H	CAF00001-UP

WHEEL LOADERS

SERIAL NO.

950G	5MW00001-00700
950G	5MW00701-UP
962G	6HW00001-00400
938G	8RS00001-00610
938G	8RS00611-UP
950G	2JS00001-01795
962G	3BS00001-00933
950G	5FW00001-02481
962G	6EW00001-00526
962G	7BW00001-00902
938G	6WS00001-04322
950G	8JW00001-00542
938G	9HS00001-02709
962G	BDP00001-00211
960F	1YM00001-UP
950F	2LM00001-UP
928F	2XL00001-01299
928F	2XL01300-UP
950F	5SK00001-00742
950F	5SK00743-UP
950G II	AXR00001-UP
950G II	AXX00001-UP
950G II	AYB00001-01140
950G II	AYL00001-02714
962G II	AXS00001-UP
962G II	AXY00001-UP
962G II	AYE00001-00725
962G II	BAB00001-00856

VIBRATORY COMPACTORS

SERIAL NO.

CS-563 & CP-563	1YJ00001-00384
CS-563 & CP-564	1YJ00385-UP
CS-583D	2CZ00001-UP
CP-533C CS-533C	2WN00001-UP
CS-531D	3AZ00001-UP
CS-533 CP-533	3BL00001-UP
CB-634C	3BR00001-UP
CS-531	3WM00001-UP
CP-533C CS-533C	3XN00001-UP
CS-531C	5ZN00001-UP

TRACTORS

SERIAL NO.

D5N	AGG00001-UP
D5N	AKD00001-UP
D6N	AKM00001-UP
D6N	ALH00001-UP
D6N	ALR00001-UP
D6N	ALY00001-UP
D6N	CBJ00001-UP

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON CROWN	PISTON SKIRT	CYLINDER LINER	PISTON PIN	INDIVIDUAL PISTON RINGS
KM3282	172-3282	187-1513	107-7604	168-7226	197-9277+197-9354+197-9386
KM4621	150-4621	115-4083	107-7604	168-7226	107-7566+107-7630+119-3011
KM4983	133-4983	115-4083	107-7604	168-7226	107-7566+107-7630+119-3011
KM5044	133-5044	187-1513	107-7604	167-7226	197-9277+197-9354+197-9386

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CAT 3126 ENGINE

ENGINE OVERHAUL KIT: KMP133-4983.EOK-A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 133-4983 CROWN	KM4983	6
MAIN BEARING SET STD	196-9519	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	216-5584	1
CAMSHAFT BUSHING	216-5586	1
CAMSHAFT BUSHING	2W7213	6
VALVE, INLET	161-4280	6
VALVE, EXHAUST	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
VALVE INSERT, INLET	169-6862	6
VALVE INSERT, EXHAUST	1W2713	6
VALVE GUIDE SHIELD	119-3036	12
INJECTOR SLEEVE	119-3061	6
GASKET KIT UPPER	KMP-3126-K1	1
GASKET KIT LOWER	KMP-3126-K2	1

OUT-OF-FRAME KIT: KMP133-4983.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 133-4983 CROWN	KM4983	6
MAIN BEARING SET STD	196-9519	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER	KMP-3126-K1	1
GASKET KIT LOWER	KMP-3126-K2	1

IN-FRAME KIT: KMP133-4983.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 133-4983 CROWN	KM4983	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER	KMP-3126-K1	1
OIL PAN GASKET	126-8732	1
OIL PAN GASKET	261-3816	1

NOTE: S/NOS.3AK,55K,6JK

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CAT 3126 ENGINE**ENGINE OVERHAUL KIT: KMP133-4983.EOK-B**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 133-4983 CROWN	KM4983	6
MAIN BEARING SET STD	196-9519	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	216-5584	1
CAMSHAFT BUSHING	216-5586	1
CAMSHAFT BUSHING	2W7213	6
VALVE, INLET	161-4280	6
VALVE, EXHAUST	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
VALVE INSERT, INLET	1W2713	6
VALVE INSERT, EXHAUST	163-9063	6
VALVE GUIDE SHIELD	119-3036	12
INJECTOR SLEEVE	119-3061	6
GASKET KIT UPPER	KMP-3126-K1	1
GASKET KIT LOWER	KMP-3126-K2	1

OUT-OF-FRAME KIT: KMP133-4983.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 133-4983 CROWN	KM4983	6
MAIN BEARING SET STD	196-9519	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER	KMP-3126-K1	1
GASKET KIT LOWER	KMP-3126-K2	1

IN-FRAME KIT: KMP133-4983.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 133-4983 CROWN	KM4983	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER	KMP-3126-K1	1
OIL PAN GASKET	126-8732	1
OIL PAN GASKET	261-3816	1

NOTE: S/NOS.6MS,9ZR**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3126 ENGINE

ENGINE OVERHAUL KIT: KMP133-5044.EOK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 133-5044 CROWN	KM5044	6
MAIN BEARING SET STD	196-9519	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	216-5584	1
CAMSHAFT BUSHING	216-5586	1
CAMSHAFT BUSHING	2W7213	6
VALVE, INLET	161-4280	6
VALVE, EXHAUST	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE LOCK	1W2715	24
VALVE SPRING	7C4273	12
VALVE INSERT, INLET	1W2713	6
VALVE INSERT, EXHAUST	163-9063	6
VALVE GUIDE SHIELD	119-3036	12
INJECTOR SLEEVE	119-3061	6
GASKET KIT UPPER	KMP-3126-K1	1
GASKET KIT LOWER	KMP-3126-K2	1

OUT-OF-FRAME KIT: KMP133-5044.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 133-5044 CROWN	KM5044	6
MAIN BEARING SET STD	196-9519	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER	KMP-3126-K1	1
GASKET KIT LOWER	KMP-3126-K2	1

IN-FRAME KIT: KMP133-5044.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 133-5044 CROWN	KM5044	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER	KMP-3126-K1	1
OIL PAN GASKET	126-8732	1
OIL PAN GASKET	261-3816	1

NOTE: S/NOS.1WM1-26507,7LZ1749-UP

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CAT 3126 ENGINE

ENGINE OVERHAUL KIT: KMP150-4621.EOK-A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 150-4621 CROWN	KM4621	6
MAIN BEARING SET STD	196-9519	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	216-5584	1
CAMSHAFT BUSHING	216-5586	1
CAMSHAFT BUSHING	2W7213	6
VALVE, INLET	161-4280	6
VALVE, EXHAUST	136-0819	6
VALVE GUIDE	9Y8848	12
VALVE LOCK	1W2715	24
VALVE SPRING, INLET	7C4273	6
VALVE SPRING, EXHAUST	612307	6
VALVE INSERT, INLET	163-9063	6
VALVE INSERT, EXHAUST	1W2713	6
VALVE GUIDE SHIELD	119-3036	12
INJECTOR SLEEVE	119-3061	6
GASKET KIT UPPER	KMP-3126-K1	1
GASKET KIT LOWER	KMP-3126-K2	1

OUT-OF-FRAME KIT: KMP150-4621.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 150-4621 CROWN	KM4621	6
MAIN BEARING SET STD	196-9519	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER	KMP-3126-K1	1
GASKET KIT LOWER	KMP-3126-K2	1

IN-FRAME KIT: KMP150-4621.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 150-4621 CROWN	KM4621	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER	KMP-3126-K1	1
OIL PAN GASKET	126-8732	1
OIL PAN GASKET	261-3816	1

NOTE: S/NOS.BEJ,6PZ,7JZ.VALVE IN.161-4280,VALVE EX.136-0819

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CAT 3126 ENGINE

ENGINE OVERHAUL KIT: KMP150-4621.EOK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 150-4621 CROWN	KM4621	6
MAIN BEARING SET STD	196-9519	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	216-5584	1
CAMSHAFT BUSHING	216-5586	1
CAMSHAFT BUSHING	2W7213	6
VALVE, INLET	145-7390	12
VALVE, EXHAUST	147-8211	6
VALVE GUIDE, INLET	140-9670	12
VALVE GUIDE, EXHAUST	147-8220	6
VALVE LOCK, INLET	1W2715	24
VALVE LOCK, EXHAUST	2A4429	12
VALVE SPRING, INLET	140-6188	12
VALVE SPRING, EXHAUST	137-6718	6
VALVE INSERT, INLET	155-9504	12
VALVE INSERT, EXHAUST	147-8218	6
VALVE GUIDE SHIELD, INLET	147-8214	12
VALVE GUIDE SHIELD, EXHAUST	163-2478	6
INJECTOR SLEEVE	227-2911	6
GASKET KIT UPPER	KMP-3126-K1	1
GASKET KIT LOWER	KMP-3126-K2	1

OUT-OF-FRAME KIT: KMP150-4621.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 150-4621 CROWN	KM4621	6
MAIN BEARING SET STD	196-9519	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER	KMP-3126-K1	1
GASKET KIT LOWER	KMP-3126-K2	1

IN-FRAME KIT: KMP150-4621.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 150-4621 CROWN	KM4621	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER	KMP-3126-K1	1
OIL PAN GASKET	126-8732	1
OIL PAN GASKET	261-3816	1

NOTE: S/NOS.BEJ,6PZ,7JZ.VALVE IN.145-7390,VALVE EX.147-8211

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CAT 3126 ENGINE

ENGINE OVERHAUL KIT: KMP172-3282.EOK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 172-3282 CROWN	KM3282	6
MAIN BEARING SET STD	196-9519	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	216-5584	1
CAMSHAFT BUSHING	216-5586	1
CAMSHAFT BUSHING	2W7213	6
VALVE, INLET	145-7390	12
VALVE, EXHAUST	147-8211	6
VALVE GUIDE, INLET	140-9670	12
VALVE GUIDE, EXHAUST	147-8220	6
VALVE LOCK, INLET	1W2715	24
VALVE LOCK, EXHAUST	2A4429	12
VALVE SPRING, INLET	140-6188	12
VALVE SPRING, EXHAUST	137-6718	6
VALVE INSERT, INLET	155-9504	12
VALVE INSERT, EXHAUST	147-8218	6
VALVE GUIDE SHIELD, INLET	147-8214	12
VALVE GUIDE SHIELD, EXHAUST	163-2478	6
INJECTOR SLEEVE	227-2911	6
GASKET KIT UPPER	KMP-3126-K1	1
GASKET KIT LOWER	KMP-3126-K2	1

OUT-OF-FRAME KIT: KMP172-3282.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 172-3282 CROWN	KM3282	6
MAIN BEARING SET STD	196-9519	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER	KMP-3126-K1	1
GASKET KIT LOWER	KMP-3126-K2	1

IN-FRAME KIT: KMP172-3282.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 172-3282 CROWN	KM3282	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER	KMP-3126-K1	1
OIL PAN GASKET	126-8732	1
OIL PAN GASKET	261-3816	1

NOTE: S/NOS.8YS218-34999

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CAT 3176 ENGINE - APPLICATIONS

EXCAVATORS	SERIAL NO.
345B	2NW00001-UP
345B, 345B L & 345B LC	2SW00001-UP
345B & 345B L	2ZW00001-UP
345B & 345B L	3MW00001-UP
345B & 345B L	4SS00001-UP
345B & 345B L	5WS00001-UP
345B & 345B L	6XS00001-UP
345B, 345B L & 345B LC	7KS00001-UP
345B & 345B L	9GS00001-UP
345B L	AGS00001-UP
345B & 345B L	AKJ00001-UP
345B & 345B L	AKX00001-UP
345B & 345B L	ALB00001-UP
345B & 345B L	ALD00001-UP
345B & 345B L	ALL00001-UP
345B, 345B L & 345B LC	BFG00001-UP
345B	CCC00001-UP
345B	DCW00001-UP
345B	FEE00001-UP

WHEEL LOADERS	SERIAL NO.
966 G II	AWY00001-UP
966 G II	ANZ00001-01457
966G	AWZ00001-UP
966 G II	AXJ00001-UP
966G	AXL00001-UP

MOTOR GRADERS	SERIAL NO.
140H	12600001-UP
140H	APM00001-UP
143H	APN00001-UP
163H	ARL00001-UP
160H	ASD00001-UP
14H	ASE00001-UP
140H	CCA00001-UP
160H	CCP00001-UP

TRUCKS	SERIAL NO.
725	AFX00001-UP

TRACTORS	SERIAL NO.
D7R	ABJ00001-UP
D7R	ABJ01500-UP
D7R	ACS00001-UP
D7R	ADW00001-UP
D7R	AEC00001-UP
D7R	AEC01500-UP
D7R	AFG00001-UP
D7R	AGN00001-UP
D7R	AGN01500-UP
D7R	BNM00001-UP
D7R	BNX00001-UP
D7R	BPK00001-UP
D7R	BPT00001-UP
D7R	BRM00001-UP
D7R	BRP00001-UP

COMPACTORS	SERIAL NO.
815F	BKL00001-UP
816F	BMR00001-UP

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON CROWN	PISTON SKIRT	CYLINDER LINER	PISTON PIN	INDIVIDUAL PISTON RINGS	LINER SEAL
KM5852	4P5852	238-2710	613550	168-7276	109-5318+109-5319+4P1659	613549+619388
KM7098	133-7098	238-2710	148-2125	168-7276	168-7212+109-5319+4P1659	104-3560

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CAT 3176/3176B ENGINE

ENGINE OVERHAUL KIT: KMP4P5852.EOK-A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 4P5852 CROWN	KM5852	6
MAIN BEARING STD	7W4107	3
MAIN BEARING STD	9Y4033	4
THRUST BEARING STD	110-5138	2
CONROD BEARING STD	4P8167	6
CONROD BUSHING	7W5844	6
CAMSHAFT BUSHING	4P4704	1
CAMSHAFT BUSHING	4P4705	4
CAMSHAFT BUSHING	4P4706	1
CAMSHAFT BUSHING	4P4707	1
VALVE, INLET	7E9578	12
VALVE, EXHAUST	133-7029	12
VALVE GUIDE	100-8150	24
VALVE INSERT, INLET STD	4N5893	12
VALVE INSERT, EXHAUST STD	133-7030	12
INJECTOR SLEEVE	105-4232	6
VALVE LOCK	2A4429	48
VALVE SPRING	7W7082	12
VALVE SPRING	7W7083	12
GASKET KIT UPPER	KMP-3176-K1	1
GASKET KIT LOWER	KMP-3176-K2	1

OUT-OF-FRAME KIT: KMP4P5852.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 4P5852 CROWN	KM5852	6
MAIN BEARING STD	7W4107	3
MAIN BEARING STD	9Y4033	4
THRUST BEARING STD	110-5138	2
CONROD BEARING STD	4P8167	6
GASKET KIT UPPER	KMP-3176-K1	1
GASKET KIT LOWER	KMP-3176-K2	1

IN-FRAME KIT: KMP4P5852.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 4P5852 CROWN	KM5852	6
CONROD BEARING STD	4P8167	6
GASKET KIT UPPER	KMP-3176-K1	1
OIL PAN GASKET	109-5308	1

NOTE: TRUCK S/NOS.2YG AND 43Z

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CAT 3176/3176B ENGINE

ENGINE OVERHAUL KIT: KMP4P5852.EOK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 4P5852 CROWN	KM5852	6
MAIN BEARING STD	7W4107	3
MAIN BEARING STD	9Y4033	4
THRUST BEARING STD	110-5138	2
CONROD BEARING STD	4P8167	6
CONROD BUSHING	7W5844	6
CAMSHAFT BUSHING	4P4704	1
CAMSHAFT BUSHING	4P4705	4
CAMSHAFT BUSHING	4P4706	1
CAMSHAFT BUSHING	4P4707	1
VALVE, INLET	7E9578	12
VALVE, EXHAUST	133-6997	12
VALVE GUIDE	100-8150	24
VALVE INSERT, INLET STD	4N5893	12
VALVE INSERT, EXHAUST STD	133-7030	12
INJECTOR SLEEVE	105-4232	6
VALVE LOCK	2A4429	48
VALVE SPRING	7W7082	12
VALVE SPRING	7W7083	12
GASKET KIT UPPER	KMP-3176-K1	1
GASKET KIT LOWER	KMP-3176-K2	1

OUT-OF-FRAME KIT: KMP4P5852.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 4P5852 CROWN	KM5852	6
MAIN BEARING STD	7W4107	3
MAIN BEARING STD	9Y4033	4
THRUST BEARING STD	110-5138	2
CONROD BEARING STD	4P8167	6
GASKET KIT UPPER	KMP-3176-K1	1
GASKET KIT LOWER	KMP-3176-K2	1

IN-FRAME KIT: KMP4P5852.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 4P5852 CROWN	KM5852	6
CONROD BEARING STD	4P8167	6
GASKET KIT UPPER	KMP-3176-K1	1
OIL PAN GASKET	109-5308	1

NOTE: TRUCK S/NO. 9CK

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CAT 3176C ENGINE

ENGINE OVERHAUL KIT: KMP133-7098.EOK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 133-7098 CROWN	KM7098	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	217-0577	6
CONROD BUSHING	7W5844	6
CAMSHAFT BUSHING	216-5584	1
CAMSHAFT BUSHING	216-5583	5
CAMSHAFT BUSHING	216-5585	1
VALVE, INLET	7E9578	12
VALVE, EXHAUST	133-7029	12
VALVE GUIDE	100-8150	24
VALVE INSERT, INLET STD	138-2006	12
VALVE INSERT, EXHAUST STD	179-9453	12
INJECTOR SLEEVE	116-1102	6
VALVE LOCK	2A4429	48
VALVE SPRING	7W7082	12
VALVE SPRING	7W7083	12
GASKET KIT UPPER	KMP-3176-K1	1
GASKET KIT LOWER	KMP-3176-K2	1

OUT-OF-FRAME KIT: KMP133-7098.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 133-7098 CROWN	KM7098	6
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	217-0577	6
GASKET KIT UPPER	KMP-3176-K1	1
GASKET KIT LOWER	KMP-3176-K2	1

IN-FRAME KIT: KMP133-7098.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 133-7098 CROWN	KM7098	6
CONROD BEARING STD	217-0577	6
GASKET KIT UPPER	KMP-3176-K1	1
OIL PAN GASKET	109-5308	1

NOTE : MACHINE S/NO. 3PD

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CAT 3176C ENGINE

ENGINE OVERHAUL KIT: KMP4P5852.EOK-C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 4P5852 CROWN	KM5852	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	217-0577	6
CONROD BUSHING	7W5844	6
CAMSHAFT BUSHING	216-5584	1
CAMSHAFT BUSHING	216-5583	5
CAMSHAFT BUSHING	216-5585	1
VALVE, INLET	133-7029	12
VALVE, EXHAUST	7E9578	12
VALVE GUIDE	100-8150	24
VALVE INSERT, INLET STD	179-9453	12
VALVE INSERT, EXHAUST STD	138-2006	12
INJECTOR SLEEVE	116-1102	6
VALVE LOCK	2A4429	48
VALVE SPRING	7W7082	12
VALVE SPRING	7W7083	12
GASKET KIT UPPER	KMP-3176-K1	1
GASKET KIT LOWER	KMP-3176-K2	1

OUT-OF-FRAME KIT: KMP4P5852.OFK-C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 4P5852 CROWN	KM5852	6
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	217-0577	6
GASKET KIT UPPER	KMP-3176-K1	1
GASKET KIT LOWER	KMP-3176-K2	1

IN-FRAME KIT: KMP4P5852.IFK-C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 4P5852 CROWN	KM5852	6
CONROD BEARING STD	217-0577	6
GASKET KIT UPPER	KMP-3176-K1	1
OIL PAN GASKET	109-5308	1

NOTE : MACHINE S/NO. 7ZR

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CAT 3196 ENGINE - APPLICATIONS

HYDRAULIC EXCAVATORS SERIAL NO.

365B	9PZ00001-UP
365B	SDL00001-UP
365B II	CFJ00001-UP
365B II	DER00001-UP
365B II	JMB00001-UP
365BL	9TZ00001-UP
365BL	AGD00001-UP
365BL	CTY00001-UP
365BL	PEG00001-UP

WHEEL LOADERS SERIAL NO.

972G II	ANY00001-0046
972G II	AWP00001-00609
972G II	AXC00001-UP
972G II	AXE00001-UP
972G II	AXN00001-UP
972G II	AXP00001-UP

MOTOR GRADERS SERIAL NO.

16H	ATS00001-UP
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ARTICULATED TRUCKS SERIAL NO.

730	AGF00001-UP
-----	-------------

CHALLENGER AGRI. TRACTORS SERIAL NO.

85E	INM00001-UP
85D	4GR00001-UP
85E	6JS00001-UP
95E	1SM00001-UP
95E	6KS00001-UP

INDUSTRIAL APPLICATION SERIAL NO.

1DW00001-UP

MARINE APPLICATIONS SERIAL NO.

2XR00001-UP

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON CROWN	PISTON SKIRT	CYLINDER LINER	PISTON PIN	INDIVIDUAL PISTON RINGS
KM2948	144-2948	238-2712	197-9330	168-7296	197-9341+216-8570+238-2704
KM9328	197-9328	238-2712	197-9330	168-7296	197-9341+216-8570+238-2704

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CAT 3196 ENGINE

ENGINE OVERHAUL KIT: KMP144-2948.EOK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	1
CONROD BEARING STD	116-1089	6
CONROD BUSHING	115-2972	6
CAMSHAFT BUSHING	216-5584	1
CAMSHAFT BUSHING	216-5585	1
CAMSHAFT BUSHING	216-5583	5
VALVE, INLET	7E9578	12
VALVE, EXHAUST	133-7029	12
VALVE GUIDE - INLET	100-8150	24
VALVE LOCK	2A4429	48
VALVE SPRING, INLET & EXH. INNER	224-4441	24
VALVE SPRING, INLET & EXH. OUTER	214-0586	24
VALVE INSERT, INLET	138-2006	12
VALVE INSERT, EXHAUST	179-9453	12
GASKET KIT UPPER	KMP-3196-K1	1
GASKET KIT LOWER	KMP-3196-K2	1

OUT-OF-FRAME KIT: KMP144-2948.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	1
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-3196-K1	1
GASKET KIT LOWER	KMP-3196-K2	1

IN-FRAME KIT: KMP144-2948.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-3196-K1	1
OIL PAN GASKET	109-5308	1

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CAT 3196 ENGINE

ENGINE OVERHAUL KIT: KMP197-9328.EOK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9328 CROWN	KM9328	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	1
CONROD BEARING STD	116-1089	6
CONROD BUSHING	115-2972	6
CAMSHAFT BUSHING	216-5584	1
CAMSHAFT BUSHING	216-5585	1
CAMSHAFT BUSHING	216-5583	5
VALVE, INLET	7E9578	12
VALVE, EXHAUST	133-7029	12
VALVE GUIDE - INLET	100-8150	24
VALVE LOCK	2A4429	48
VALVE SPRING, INLET & EXH. INNER	224-4441	24
VALVE SPRING, INLET & EXH. OUTER	214-0586	24
VALVE INSERT, INLET	138-2006	12
VALVE INSERT, EXHAUST	179-9453	12
GASKET KIT UPPER	KMP-3196-K1	1
GASKET KIT LOWER	KMP-3196-K2	1

OUT-OF-FRAME KIT: KMP197-9328.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9328 CROWN	KM9328	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	1
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-3196-K1	1
GASKET KIT LOWER	KMP-3196-K2	1

IN-FRAME KIT: KMP197-9328.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9328 CROWN	KM9328	6
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-3196-K1	1
OIL PAN GASKET	109-5308	1

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CAT 3204 ENGINE - APPLICATIONS

HYDRAULIC EXCAVATORS	SERIAL NO.
E180	1RF00001-UP
E180	4EF00001-UP
215	57Y00001-UP
215	14Z00001-03450
215	61Z00001-02750
215B	2XC00001-UP

BACKHOE LOADERS	SERIAL NO.
416C	
426C	
428C	
436C	
438C	

WHEEL LOADERS	SERIAL NO.
910	3SD00001-UP
910	40Y00001-UP
910	41Y00001-UP
910	80U06735-UP
910	8GD00001-UP
916	2XB00001-UP
916	5GD00001-UP
916	5KC00001-UP
916	9WB00001-UP
926	1SD00001-02150
926	94Z00001-05550
926E	4NB02076-UP
926E	8NB00001-05950
926F	4NB00001-UP

DOZERS	SERIAL NO.
D3	6N00886-UP
D3	27Y00001-05173
D3	79U00001-UP
D3B	2PC00001-UP
D3B	23Y00001-UP
D3B	24Y00001-UP
D3B	28Y00001-02073
D3B	3YC00001-UP
D3B	5MC00001-UP
D3C	1PJ00001-UP
D3C	3RF00001-UP
D3C	4HJ00001-UP
D3C	5CJ00001-UP
D3C	5KG00001-UP
D3C	5ZG00001-UP
D3C	6PF00001-UP
D3C	7JF00001-UP
D3C	7JG00001-UP
D3C	8BF00001-UP
D3C	8DG00001-UP
D4B	1SG00001-UP
D4B	2XF00001-UP
D4C	1RJ00001-UP
D4C	2CJ00001-UP
D4C	7KG00001-UP
D4C	9BG00001-UP
D4H	2AC00001-06500
D4H	3AC00001-UP
D4H	8PB00001-UP
D4H	8ZF00001-UP
D4H	9DB00001-08025
D5C	3MK00001-UP
D5C	6PJ00001-UP

SKIDDERS	SERIAL NO.
508	2HD00001-UP
508	9NC00001-UP

TOOL CARRIERS	SERIAL NO.
IT12	2YC00001-UP
IT12	4NC00001-UP
IT18	9NB00001-UP
1T18B	7ZB00001-UP
1T18B	1DF00001-UP
1T18B	2NJ00340-UP
1T18B	4ZD00340-UP
1T28	2KC00001-UP
1T28	8JB00001-UP
IT28B	1HF00001-UP
IT28B	1JK00430-UP
IT28B	5SD00001-UP

INDUSTRIAL APPLICATIONS	SERIAL NO.
	2TB00001-UP
	3PC00001-UP
	6DC00001-UP
	7EB00001-UP

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON BODY ASSY	CYLINDER LINER	PISTON PIN	PISTON RING SET	INDIVIDUAL PISTON RINGS
KM1146	7C1146	9N6275	7N9803	2W8265	
KM4221	6N4221	9N6275	7N9803	2W8265	
KM4729	7E4729	9N6275	7N9803		130-3987+130-3997+7E7297
KM4831	2W4831	9N6275	7N9803	2W8265	
KM7737	9L7737	9N6275	7N9803	2W8265	
KM7737-3R	9L7737-3R	9N6275	7N9803	2W8265-3R	
KM8412	2W8412	9N6275	7N9803	2W8265	

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CAT 3204 ENGINE

ENGINE OVERHAUL KIT: KMP2W4831.EOK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 2W4831 PISTON	KM4831	4
MAIN BEARING STD	1W0312	3
MAIN BEARING STD	1W0311	2
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N6308	4
CONROD BUSHING	9N5082	4
CAMSHAFT BUSHING	1W5920	1
CAMSHAFT BUSHING	9N5246	2
VALVE, INLET	119-6772	4
VALVE, EXHAUST	9L7683	4
VALVE GUIDE, INLET	6I2864	4
VALVE GUIDE, EXHAUST	6I2865	4
VALVE INSERT, INLET	2N8943	4
VALVE INSERT, EXHAUST	9N2837	4
VALVE LOCK	2A4429	16
VALVE SPRING	1W4259	8
GASKET KIT UPPER	KMP-3204-K1	1
GASKET KIT LOWER	KMP-3204-K2	1

OUT-OF-FRAME KIT: KMP2W4831.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 2W4831 PISTON	KM4831	4
MAIN BEARING STD	1W0312	3
MAIN BEARING STD	1W0311	2
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N6308	4
GASKET KIT UPPER	KMP-3204-K1	1
GASKET KIT LOWER	KMP-3204-K2	1

IN-FRAME KIT: KMP2W4831.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 2W4831 PISTON	KM4831	4
CONROD BEARING STD	8N6308	4
GASKET KIT UPPER	KMP-3204-K1	1
OIL PAN GASKET	9L8016	1

**NOTE: ONLY FOR ENGINES THAT ARE USING THE WIDE JOURNAL
CRANKSHAFT 1W9771 AND TAPERED CONROD 8N3753**

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CAT 3204 ENGINE

ENGINE OVERHAUL KIT: KMP6N4221.EOK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4221 PISTON	KM4221	4
MAIN BEARING STD	1W0312	3
MAIN BEARING STD	1W0311	2
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N6308	4
CONROD BUSHING	9N5082	4
CAMSHAFT BUSHING	1W5920	1
CAMSHAFT BUSHING	9N5246	2
VALVE, INLET	9N0180	4
VALVE, EXHAUST	9N0185	4
VALVE GUIDE, INLET	6I2864	4
VALVE GUIDE, EXHAUST	6I2865	4
VALVE INSERT, INLET	9N0181	4
VALVE INSERT, EXHAUST	9N2837	4
VALVE LOCK	2A4429	16
VALVE SPRING	9N3617	8
GASKET KIT UPPER	KMP-3204-K1	1
GASKET KIT LOWER	KMP-3204-K2	1

OUT-OF-FRAME KIT: KMP6N4221.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4221 PISTON	KM4221	4
MAIN BEARING STD	1W0312	3
MAIN BEARING STD	1W0311	2
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N6308	4
GASKET KIT UPPER	KMP-3204-K1	1
GASKET KIT LOWER	KMP-3204-K2	1

IN-FRAME KIT: KMP6N4221.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4221 PISTON	KM4221	4
CONROD BEARING STD	8N6308	4
GASKET KIT UPPER	KMP-3204-K1	1
OIL PAN GASKET	9L8016	1

**NOTE: ONLY FOR ENGINES THAT ARE USING THE WIDE JOURNAL
CRANKSHAFT 1W9771 AND TAPERED CONROD 8N3753**

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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CAT 3204 ENGINE

ENGINE OVERHAUL KIT: KMP7C1146.EOK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C1146 PISTON	KM1146	4
MAIN BEARING STD	1W0312	3
MAIN BEARING STD	1W0311	2
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N6308	4
CONROD BUSHING	9N5082	4
CAMSHAFT BUSHING	1W5920	1
CAMSHAFT BUSHING	9N5246	2
VALVE, INLET	119-6772	4
VALVE, EXHAUST	9L7683	4
VALVE GUIDE, INLET	6I2864	4
VALVE GUIDE, EXHAUST	6I2865	4
VALVE INSERT, INLET	2N8943	4
VALVE INSERT, EXHAUST	9N2837	4
VALVE LOCK	2A4429	16
VALVE SPRING	1W4259	8
GASKET KIT UPPER	KMP-3204-K1	1
GASKET KIT LOWER	KMP-3204-K2	1

OUT-OF-FRAME KIT: KMP7C1146.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C1146 PISTON	KM1146	4
MAIN BEARING STD	1W0312	3
MAIN BEARING STD	1W0311	2
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N6308	4
GASKET KIT UPPER	KMP-3204-K1	1
GASKET KIT LOWER	KMP-3204-K2	1

IN-FRAME KIT: KMP7C1146.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C1146 PISTON	KM1146	4
CONROD BEARING STD	8N6308	4
GASKET KIT UPPER	KMP-3204-K1	1
OIL PAN GASKET	9L8016	1

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CAT 3204 ENGINE

ENGINE OVERHAUL KIT: KMP7E4729.EOK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E4729 PISTON	KM4729	4
MAIN BEARING STD	1W0312	3
MAIN BEARING STD	1W0311	2
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N6308	4
CONROD BUSHING	9N5082	4
CAMSHAFT BUSHING	1W5920	1
CAMSHAFT BUSHING	9N5246	2
VALVE, INLET	119-6772	4
VALVE, EXHAUST	9L7683	4
VALVE GUIDE, INLET	6I2864	4
VALVE GUIDE, EXHAUST	6I2865	4
VALVE INSERT, INLET	2N8943	4
VALVE INSERT, EXHAUST	9N2837	4
VALVE LOCK	2A4429	16
VALVE SPRING	1W4259	8
GASKET KIT UPPER	KMP-3204-K1	1
GASKET KIT LOWER	KMP-3204-K2	1

OUT-OF-FRAME KIT: KMP7E4729.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E4729 PISTON	KM4729	4
MAIN BEARING STD	1W0312	3
MAIN BEARING STD	1W0311	2
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N6308	4
GASKET KIT UPPER	KMP-3204-K1	1
GASKET KIT LOWER	KMP-3204-K2	1

IN-FRAME KIT: KMP7E4729.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E4729 PISTON	KM4729	4
CONROD BEARING STD	8N6308	4
GASKET KIT UPPER	KMP-3204-K1	1
OIL PAN GASKET	9L8016	1

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CAT 3208 ENGINE - APPLICATIONS

HYDRAULIC EXCAVATORS

SERIAL NO.

225	51U00001-UP
225	61X00001-UP
225B	1GF00001-UP
225B	2ZD00001-UP
225D	2SJ00001-UP
227	10W00001-UP
231D	1NK00001-UP
231D	5WJ00001-UP

FORK LIFTS

SERIAL NO.

V1100C
V160B
V165C
V180B
V200B
V200C
V225
V225B
V225C
V250B
V250C
V265C
V300B
V300C
V330B
V330C
V550
V620
V700
V800
V900CH
V925
V925LH

TRACTORS

SERIAL NO.

613B	38W0001-UP
613C	92X00001-UP

PAVERS

SERIAL NO.

PR1000	5XC00001-00137
PR1000C	5XC00138-UP

VIBRATORY COMPACTORS

SERIAL NO.

CB614	7CD00001-UP
CB624	
CP553	7BD00001-UP
CS551	6ZD00001-UP
CS553	7AD00001-UP
CS553	
PS500	7XD00001-00115

GENERATORS

SERIAL NO.

29A00001-UP
30A00001-UP
2HG00001-UP
5YF00001-UP

MARINE APPLICATIONS

SERIAL NO.

01Z00001-UP
75V00001-UP

TRUCKS

SERIAL NO.

5CD00001-UP
40S00001-UP
62W00001-UP
30Y00001-UP
02Z00001-UP
51Z00001-UP

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON BODY ASSY	CYLINDER LINER	PISTON PIN	PISTON RING SET	INDIVIDUAL PISTON RINGS
KM1146	7C1146	9N6275	7N9803	2W8265	
KM4221	6N4221	9N6275	7N9803	2W8265	
KM4729	7E4729	9N6275	7N9803		130-3987+130-3997+7E7297
KM4831	2W4831	9N6275	7N9803	2W8265	
KM7737	9L7737	9N6275	7N9803	2W8265	
KM7737-3R	9L7737-3R	9N6275	7N9803	2W8265-3R	
KM8412	2W8412	9N6275	7N9803	2W8265	

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CAT 3208 ENGINE

ENGINE OVERHAUL KIT: KMP2W4831.EOK-8A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 2W4831 PISTON	KM4831	8
MAIN BEARING STD	4W8092	4
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	8N6308	8
CONROD BUSHING	7E7894	8
CAMSHAFT BUSHING	9N5246	5
VALVE, INLET	9L7682	8
VALVE, EXHAUST	9L7683	8
VALVE GUIDE, INLET	6I2864	8
VALVE GUIDE, EXHAUST	6I2865	8
VALVE INSERT, INLET	2N8943	8
VALVE INSERT, EXHAUST	9N2837	8
VALVE LOCK	2A4429	32
VALVE SPRING	1W4259	16
VALVE STEM SEAL, INLET	7W9143	8
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

OUT-OF-FRAME KIT: KMP2W4831.OFK-8A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 2W4831 PISTON	KM4831	8
MAIN BEARING STD	4W8092	4
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	8N6308	8
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

IN-FRAME KIT: KMP2W4831.IFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 2W4831 PISTON	KM4831	8
CONROD BEARING STD	8N6308	8
GASKET KIT UPPER	KMP-3208-K1	1
OIL PAN GASKET	9L8016	1

NOTE: NON TURBO WITH BLOCK 9N0130

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CAT 3208 ENGINE

ENGINE OVERHAUL KIT: KMP2W8412.EOK-A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 2W8412 PISTON	KM8412	8
MAIN BEARING STD	4W8092	4
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	7E7894	8
CONROD BUSHING	9N5082	8
CAMSHAFT BUSHING	9N5246	5
VALVE, INLET	9L7682	8
VALVE, EXHAUST	119-6772	8
VALVE GUIDE, INLET	6I2864	8
VALVE GUIDE, EXHAUST	6I2865	8
VALVE INSERT, INLET	2N8943	8
VALVE INSERT, EXHAUST	9N2837	8
VALVE LOCK	2A4429	32
VALVE SPRING, INNER	9N5495	16
VALVE SPRING, OUTER	9N5496	16
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

OUT-OF-FRAME KIT: KMP2W8412.OFK-A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 2W8412 PISTON	KM8412	8
MAIN BEARING STD	4W8092	4
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	7E7894	8
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

IN-FRAME KIT: KMP2W8412.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 2W8412 PISTON	KM8412	8
CONROD BEARING STD	7E7894	8
GASKET KIT UPPER	KMP-3208-K1	1
OIL PAN GASKET	9L8016	1

NOTE: NON TURBO WITH BLOCK 9N0130

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CAT 3208 ENGINE

ENGINE OVERHAUL KIT: KMP7E4729.EOK-8A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E4729 PISTON	KM4729	8
MAIN BEARING STD	4W8092	4
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	7E7894	8
CONROD BUSHING	9N5082	8
CAMSHAFT BUSHING	9N5246	5
VALVE, INLET	9L7682	8
VALVE, EXHAUST	119-6772	8
VALVE GUIDE, INLET	6I2864	8
VALVE GUIDE, EXHAUST	6I2865	8
VALVE INSERT, INLET	2N8943	8
VALVE INSERT, EXHAUST	9N2837	8
VALVE LOCK	2A4429	32
VALVE SPRING, INNER	9N5495	16
VALVE SPRING, OUTER	9N5496	16
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

OUT-OF-FRAME KIT: KMP7E4729.OFK-8A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E4729 PISTON	KM4729	8
MAIN BEARING STD	4W8092	4
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	7E7894	8
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

IN-FRAME KIT: KMP7E4729.IFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E4729 PISTON	KM4729	8
CONROD BEARING STD	7E7894	8
GASKET KIT UPPER	KMP-3208-K1	1
OIL PAN GASKET	9L8016	1

NOTE: NON TURBO WITH BLOCK 9N0130

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CAT 3208 ENGINE**ENGINE OVERHAUL KIT: KMP9L7737.EOK-A**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9L7737 PISTON	KM7737	8
MAIN BEARING STD	4W8092	4
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	7E7894	8
CONROD BUSHING	9N5082	8
CAMSHAFT BUSHING	9N5246	5
VALVE, INLET	9L7682	8
VALVE, EXHAUST	119-6772	8
VALVE GUIDE, INLET	6I2864	8
VALVE GUIDE, EXHAUST	6I2865	8
VALVE INSERT, INLET	2N8943	8
VALVE INSERT, EXHAUST	9N2837	8
VALVE LOCK	2A4429	32
VALVE SPRING, INNER	9N5495	16
VALVE SPRING, OUTER	9N5496	16
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

OUT-OF-FRAME KIT: KMP9L7737.OFK-A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9L7737 PISTON	KM7737	8
MAIN BEARING STD	4W8092	4
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	7E7894	8
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

IN-FRAME KIT: KMP9L7737.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9L7737 PISTON	KM7737	8
CONROD BEARING STD	7E7894	8
GASKET KIT UPPER	KMP-3208-K1	1
OIL PAN GASKET	9L8016	1

NOTE: NON TURBO WITH BLOCK 9N0130**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3208 ENGINE

ENGINE OVERHAUL KIT: KMP9L7737-3R.EOK-A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9L7737-3R PISTON	KM7737-3R	8
MAIN BEARING STD	4W8092	4
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	7E7894	8
CONROD BUSHING	9N5082	8
CAMSHAFT BUSHING	9N5246	5
VALVE, INLET	9L7682	8
VALVE, EXHAUST	119-6772	8
VALVE GUIDE, INLET	6I2864	8
VALVE GUIDE, EXHAUST	6I2865	8
VALVE INSERT, INLET	2N8943	8
VALVE INSERT, EXHAUST	9N2837	8
VALVE LOCK	2A4429	32
VALVE SPRING, INNER	9N5495	16
VALVE SPRING, OUTER	9N5496	16
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

OUT-OF-FRAME KIT: KMP9L7737-3R.OFK-A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9L7737-3R PISTON	KM7737-3R	8
MAIN BEARING STD	4W8092	4
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	7E7894	8
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

IN-FRAME KIT: KMP9L7737-3R.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9L7737-3R PISTON	KM7737-3R	8
CONROD BEARING STD	7E7894	8
GASKET KIT UPPER	KMP-3208-K1	1
OIL PAN GASKET	9L8016	1

NOTE: NON TURBO WITH BLOCK 9N0130

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CAT 3208 ENGINE

ENGINE OVERHAUL KIT: KMP2W4831.EOK-8B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 2W4831 PISTON	KM4831	8
MAIN BEARING STD	4W8093	1
MAIN BEARING STD	4W8092	3
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	8N6308	8
CONROD BUSHING	7E7894	8
CAMSHAFT BUSHING	9N5246	5
VALVE, INLET	9L7682	8
VALVE, EXHAUST	9L7683	8
VALVE GUIDE, INLET	6I2864	8
VALVE GUIDE, EXHAUST	6I2865	8
VALVE INSERT, INLET	2N8943	8
VALVE INSERT, EXHAUST	9N2837	8
VALVE LOCK	2A4429	32
VALVE SPRING	1W4259	16
VALVE STEM SEAL, INLET	7W9143	8
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

OUT-OF-FRAME KIT: KMP2W4831.OFK-8B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 2W4831 PISTON	KM4831	8
MAIN BEARING STD	4W8093	1
MAIN BEARING STD	4W8092	3
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	8N6308	8
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

IN-FRAME KIT: KMP2W4831.IFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 2W4831 PISTON	KM4831	8
CONROD BEARING STD	8N6308	8
GASKET KIT UPPER	KMP-3208-K1	1
OIL PAN GASKET	9L8016	1

NOTE: NON TURBO WITH BLOCK 9N3120

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CAT 3208 ENGINE

ENGINE OVERHAUL KIT: KMP2W8412.EOK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 2W8412 PISTON	KM8412	8
MAIN BEARING STD	4W8093	1
MAIN BEARING STD	4W8092	3
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	8N6308	8
CONROD BUSHING	7E7894	8
CAMSHAFT BUSHING	9N5246	5
VALVE, INLET	9L7682	8
VALVE, EXHAUST	9L7683	8
VALVE GUIDE, INLET	6I2864	8
VALVE GUIDE, EXHAUST	6I2865	8
VALVE INSERT, INLET	2N8943	8
VALVE INSERT, EXHAUST	9N2837	8
VALVE LOCK	2A4429	32
VALVE SPRING	1W4259	16
VALVE STEM SEAL, INLET	7W9143	8
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

OUT-OF-FRAME KIT: KMP2W8412.OFK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 2W8412 PISTON	KM8412	8
MAIN BEARING STD	4W8093	1
MAIN BEARING STD	4W8092	3
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	8N6308	8
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

IN-FRAME KIT: KMP2W8412.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 2W8412 PISTON	KM8412	8
CONROD BEARING STD	8N6308	8
GASKET KIT UPPER	KMP-3208-K1	1
OIL PAN GASKET	9L8016	1

NOTE: NON TURBO WITH BLOCK 9N3120

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CAT 3208 ENGINE**ENGINE OVERHAUL KIT: KMP7E4729.EOK-8B**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E4729 PISTON	KM4729	8
MAIN BEARING STD	4W8093	1
MAIN BEARING STD	4W8092	3
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	7E7894	8
CONROD BUSHING	9N5082	8
CAMSHAFT BUSHING	9N5246	5
VALVE, INLET	9L7682	8
VALVE, EXHAUST	119-6772	8
VALVE GUIDE, INLET	6I2864	8
VALVE GUIDE, EXHAUST	6I2865	8
VALVE INSERT, INLET	2N8943	8
VALVE INSERT, EXHAUST	9N2837	8
VALVE LOCK	2A4429	32
VALVE SPRING, INNER	9N5495	16
VALVE SPRING, OUTER	9N5496	16
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

OUT-OF-FRAME KIT: KMP7E4729.OFK-8B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E4729 PISTON	KM4729	8
MAIN BEARING STD	4W8093	1
MAIN BEARING STD	4W8092	3
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	7E7894	8
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

IN-FRAME KIT: KMP7E4729.IFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E4729 PISTON	KM4729	8
CONROD BEARING STD	7E7894	8
GASKET KIT UPPER	KMP-3208-K1	1
OIL PAN GASKET	9L8016	1

NOTE: NON TURBO WITH BLOCK 9N3120**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3208 ENGINE

ENGINE OVERHAUL KIT: KMP9L7737.EOK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9L7737 PISTON	KM7737	8
MAIN BEARING STD	4W8093	1
MAIN BEARING STD	4W8092	3
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	8N6308	8
CONROD BUSHING	7E7894	8
CAMSHAFT BUSHING	9N5246	5
VALVE, INLET	9L7682	8
VALVE, EXHAUST	9L7683	8
VALVE GUIDE, INLET	6I2864	8
VALVE GUIDE, EXHAUST	6I2865	8
VALVE INSERT, INLET	2N8943	8
VALVE INSERT, EXHAUST	9N2837	8
VALVE LOCK	2A4429	32
VALVE SPRING	1W4259	16
VALVE STEM SEAL, INLET	7W9143	8
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

OUT-OF-FRAME KIT: KMP9L7737.OFK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9L7737 PISTON	KM7737	8
MAIN BEARING STD	4W8093	1
MAIN BEARING STD	4W8092	3
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	8N6308	8
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

IN-FRAME KIT: KMP9L7737.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9L7737 PISTON	KM7737	8
CONROD BEARING STD	8N6308	8
GASKET KIT UPPER	KMP-3208-K1	1
OIL PAN GASKET	9L8016	1

NOTE: NON TURBO WITH BLOCK 9N3120

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CAT 3208 ENGINE

ENGINE OVERHAUL KIT: KMP9L7737-3R.EOK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9L7737-3R PISTON	KM7737-3R	8
MAIN BEARING STD	4W8093	1
MAIN BEARING STD	4W8092	3
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	8N6308	8
CONROD BUSHING	7E7894	8
CAMSHAFT BUSHING	9N5246	5
VALVE, INLET	9L7682	8
VALVE, EXHAUST	9L7683	8
VALVE GUIDE, INLET	6I2864	8
VALVE GUIDE, EXHAUST	6I2865	8
VALVE INSERT, INLET	2N8943	8
VALVE INSERT, EXHAUST	9N2837	8
VALVE LOCK	2A4429	32
VALVE SPRING	1W4259	16
VALVE STEM SEAL, INLET	7W9143	8
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

OUT-OF-FRAME KIT: KMP9L7737-3R.OFK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9L7737-3R PISTON	KM7737-3R	8
MAIN BEARING STD	4W8093	1
MAIN BEARING STD	4W8092	3
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	8N6308	8
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

IN-FRAME KIT: KMP9L7737-3R.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9L7737-3R PISTON	KM7737-3R	8
CONROD BEARING STD	8N6308	8
GASKET KIT UPPER	KMP-3208-K1	1
OIL PAN GASKET	9L8016	1

NOTE: NON TURBO WITH BLOCK 9N3120

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CAT 3208 ENGINE

ENGINE OVERHAUL KIT: KMP2W4831.EOK-8C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 2W4831 PISTON	KM4831	8
MAIN BEARING STD	4W8092	4
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	8N6308	8
CONROD BUSHING	7E7894	8
CAMSHAFT BUSHING	9N5246	5
VALVE, INLET	9L7682	8
VALVE, EXHAUST	119-6772	8
VALVE GUIDE, INLET	6I2864	8
VALVE GUIDE, EXHAUST	6I2865	8
VALVE INSERT, INLET	2N8943	8
VALVE INSERT, EXHAUST	9N2837	8
VALVE LOCK	2A4429	32
VALVE SPRING, INNER	9N5495	16
VALVE SPRING, OUTER	9N5496	16
VALVE STEM SEAL, INLET	7W9143	8
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

OUT-OF-FRAME KIT: KMP2W4831.OFK-8A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 2W4831 PISTON	KM4831	8
MAIN BEARING STD	4W8092	4
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	8N6308	8
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

IN-FRAME KIT: KMP2W4831.IFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 2W4831 PISTON	KM4831	8
CONROD BEARING STD	8N6308	8
GASKET KIT UPPER	KMP-3208-K1	1
OIL PAN GASKET	9L8016	1

NOTE: NON TURBO WITH BLOCK 9N3120

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Engine Kit Programme**CAT 3208 ENGINE****ENGINE OVERHAUL KIT: KMP2W4831.EOK-8D**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 2W4831 PISTON	KM4831	8
MAIN BEARING STD	4W8093	1
MAIN BEARING STD	4W8092	3
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	8N6308	8
CONROD BUSHING	7E7894	8
CAMSHAFT BUSHING	9N5246	5
VALVE, INLET	9L7682	8
VALVE, EXHAUST	119-6772	8
VALVE GUIDE, INLET	6I2864	8
VALVE GUIDE, EXHAUST	6I2865	8
VALVE INSERT, INLET	2N8943	8
VALVE INSERT, EXHAUST	9N2837	8
VALVE LOCK	2A4429	32
VALVE SPRING, INNER	9N5495	16
VALVE SPRING, OUTER	9N5496	16
VALVE STEM SEAL, INLET	7W9143	8
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

OUT-OF-FRAME KIT: KMP2W4831.OFK-8B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 2W4831 PISTON	KM4831	8
MAIN BEARING STD	4W8093	1
MAIN BEARING STD	4W8092	3
MAIN BEARING STD	4W8091	1
CONROD BEARING STD	8N6308	8
GASKET KIT UPPER	KMP-3208-K1	1
GASKET KIT LOWER	KMP-3208-K2	1

IN-FRAME KIT: KMP2W4831.IFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 2W4831 PISTON	KM4831	8
CONROD BEARING STD	8N6308	8
GASKET KIT UPPER	KMP-3208-K1	1
OIL PAN GASKET	9L8016	1

NOTE: TURBO WITH BLOCK 9N3120**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3304 ENGINE - APPLICATIONS

HYDRAULIC EXCAVATORS SERIAL NO.

215	96L00001-UP
215B	4FC00001-UP
215B	9YB00001-UP
215C	4HG00001-UP
215D	9TF00001-UP
219	5CF00001-UP
219D	5XG00001-UP
225	20S00001-UP
225	76U01200-06750
225B	1AG00001-UP
225B	3YD00001-UP
225D	6RG00001-UP
229	1AG00001-UP
229D	2LJ00001-UP
E240	1FG00001-UP
E240L	4JF00001-UP

BACKHOE LOADERS SERIAL NO.

416C
426C
428C
436C
438C

TRACK LOADERS SERIAL NO.

963	29S00001-UP
963	06Z00001-UP
963	11Z00001-UP
963	18Z00001-UP
963	48Z00001-UP

TRAXCAVATORS SERIAL NO.

941	70H00001-UP
941B	80H00001-UP
941B	16U00226-UP
951B	
951C	32F01197-UP
951C	69H00001-UP
951C	86J01000-UP
955K	
955L	57M00001-UP
955L	64J00001-UP
955L	71J04558-UP
955L	85J09510-UP
955L	13X00001-UP
955L	08Y00001-UP

DOZERS SERIAL NO.

D4D	44H00001-UP
D4D	47H00510-UP
D4D	59J00001-UP
D4D	60J00001-UP
D4D	61J00001-UP
D4D	65J00001-UP
D4D	82J00001-UP
D4D	83J00001-UP
D4D	84J00001-UP
D4D	07R00001-UP
D4D	97F00001-UP
D4D	74U00001-UP
D4D	66J00001-UP
D4D	76W00001-UP
D4E	2CB00001-UP
D4E	2DJ00001-UP
D4E	31C00001-UP
D4E	34C00001-UP
D4E	7PB00001-UP
D4E	27X00001-UP
D4E	50X00001-UP
D4E	51X00001-UP
D4E	68X00001-UP
D4E	70X00001-UP
D4E	71X00001-UP
D4E	72X00001-UP
D4H	4NK00001-UP
D4H	7PK00001-UP
D4H	8PJ00001-UP
D4H	9GJ00001-UP
D5H	1DD00001-UP
D5H	1YD00001-UP
D5H	2SD00001-UP
D5H	4KD00001-UP
D5H	7EG00001-UP
D5H	7NC00001-UP
D5H	8RC00001-UP
D5H	8RJ00001-UP
D5H	8SC00001-UP

MOTOR GRADERS SERIAL NO.

112F	
120G	4HD00001-UP
120G	82V00001-UP
120G	87V00001-UP
120G	11W00001-UP
130G	74V00001-UP
130G	12W00001-UP

WHEEL LOADERS SERIAL NO.

920	41J00001-UP
920	75J00001-UP
920	62K00001-UP
930	71H00001-UP
930	79J00001-UP
930	41K00001-UP
930	73U00001-UP
930T	17B00001-UP
930T	57Z04000-UP
930R	57Z00001-03999
936	4TK00001-UP
936	33Z00001-UP
936	45Z00001-UP
G936	3HD00001-UP
G936	4ND00001-UP
G936	8ED00001-UP
936E	4SB01604-UP
936F	8AJ00001-UP
936F	9MK00001-UP
950	43J00001-UP
950	73J00001-UP
950	81J00001-UP
950	31K00001-UP
950B	31R00001-UP
950B	63R00001-UP
950B	22Z00001-UP
950E	

SKIDDERS SERIAL NO.

515	4LR00001-UP
517	5WW00001-UP
518	50S00001-UP
518	55U00001-UP
518	94U00001-UP
518	95U00001-UP
518	8ZC00001-UP
518C	1CL00001-UP
518C	9HJ00001-UP
525	1DN00001-03363
527	2RS00001-UP
527	3DS00001-UP
527	4NS00001-UP
527	BDW00001-UP

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CAT 3304 ENGINE - APPLICATIONS

VIBRATORY COMPACTORS SERIAL NO.

CB534	
CP643	
CP653	
CS643	7FD00001-UP
CS643	7GD00001-UP
CS643	7HD00001-UP
CS643	7JD00001-UP
CS653	7FD00001-UP
CS653	7GD00001-UP
CS653	7HD00001-UP
CS653	7JD00001-UP
CS573	
CS583	
CB634	

ASPHALT PAVERS SERIAL NO.

AP1000	
AP1050	
AP1055	
BG2455C	

TOOL CARRIERS SERIAL NO.

IT28F	
IT28G	
IT38F	

GENERATOR SETS SERIAL NO.

	DED00001-UP
	9HK000001-UP
	2KK00001-UP
	4PC00001-UP
	3TC00001-UP
	1YF00001-UP
	6YB00001-UP
	83Z00001-UP

INDUSTRIAL APPLICATIONS SERIAL NO.

	02B00001-UP
	04B00001-UP
	10E00001-UP
	1RG00001-UP
	4XB00001-UP
	37Y00001-UP

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON BODY ASSY	CYLINDER LINER	PISTON PIN	PISTON RING SET	INDIVIDUAL PISTON RINGS	LINER SEAL KIT
KM4262	165-4262	110-5800	7N9805	211-4321		5P8768
KM6759	129-0358	110-5800	7N9805	2W6091		5P8768
KM8914	129-0338	110-5800	7N9805	2W1709		5P8768
KM3565	107-3565	110-5800	7N9805		100-6694+100-6695+610497	5P8768
KM4531	168-4531	110-5800	7N9805	211-4321		5P8768
KM8087	154-8087	110-5800	7N9805	211-4321		5P8768
8S4635	8N3180	110-5800	7N9804	9S3068		5P8768
8S4636	9N5250B	110-5800	7N9805	9S3069		5P8768
9S8914	8N3182B	110-5800	7N9804	9S3068		5P8768

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ALL Engine Kit Programme
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CAT 3304 ENGINE

ENGINE OVERHAUL KIT: KMP129-0338.EOK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 129-0338 PISTON	KM8914	4
MAIN BEARING STD	232-3233	5
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	4W5739	4
CONROD BUSHING	8N1849	4
CAMSHAFT BUSHING	9M5477	1
CAMSHAFT BUSHING	7M4046	2
BALANCE SHAFT BUSHING	9Y2992	2
BALANCE SHAFT BUSHING	9Y2991	4
VALVE, INLET	100-7860	4
VALVE, EXHAUST	148-7455	4
VALVE GUIDE	148-7425	8
VALVE LOCK	2A4429	16
VALVE SPRING, INNER & OUTER	7S7144	8
VALVE INSERT, INLET	107-0268	4
VALVE INSERT, EXHAUST	107-0265	4
GASKET KIT UPPER	KMP-3304-K1DI	1
GASKET KIT LOWER	KMP-3304-K2	1

OUT-OF-FRAME KIT: KMP129-0338.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 129-0338 PISTON	KM8914	4
MAIN BEARING STD	232-3233	5
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	4W5739	4
GASKET KIT UPPER	KMP-3304-K1DI	1
GASKET KIT LOWER	KMP-3304-K2	1

IN-FRAME KIT: KMP129-0338.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 129-0338 PISTON	KM8914	4
CONROD BEARING STD	4W5739	4
GASKET KIT UPPER	KMP-3304-K1DI	1
OIL PAN GASKET	8S1963	1

**NOTE: ONLY FOR ENGINES THAT ARE USING THE NEW STYLE
TAPERED CON RODS**

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CAT 3304 ENGINE**ENGINE OVERHAUL KIT: KMP129-0358.EOK-4**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 129-0358 PISTON	KM6759	4
MAIN BEARING STD	232-3233	5
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	4W5739	4
CONROD BUSHING	8N1849	4
CAMSHAFT BUSHING	9M5477	1
CAMSHAFT BUSHING	7M4046	2
BALANCE SHAFT BUSHING	9Y2992	2
BALANCE SHAFT BUSHING	9Y2991	4
VALVE, INLET	100-7860	4
VALVE, EXHAUST	148-7455	4
VALVE GUIDE	148-7425	8
VALVE LOCK	2A4429	16
VALVE SPRING, INNER & OUTER	7S7144	8
VALVE INSERT, INLET	107-0268	4
VALVE INSERT, EXHAUST	107-0265	4
GASKET KIT UPPER	KMP-3304-K1DI	1
GASKET KIT LOWER	KMP-3304-K2	1

OUT-OF-FRAME KIT: KMP129-0358.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 129-0358 PISTON	KM6759	4
MAIN BEARING STD	232-3233	5
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	4W5739	4
GASKET KIT UPPER	KMP-3304-K1DI	1
GASKET KIT LOWER	KMP-3304-K2	1

IN-FRAME KIT: KMP129-0358.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 129-0358 PISTON	KM6759	4
CONROD BEARING STD	4W5739	4
GASKET KIT UPPER	KMP-3304-K1DI	1
OIL PAN GASKET	8S1963	1

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CAT 3304 ENGINE

ENGINE OVERHAUL KIT: KMP165-4262.EOK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 165-4262 PISTON	KM4262	4
MAIN BEARING STD	232-3233	5
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	4W5739	4
CONROD BUSHING	8N1849	4
CAMSHAFT BUSHING	9M5477	1
CAMSHAFT BUSHING	7M4046	2
BALANCE SHAFT BUSHING	9Y2992	2
BALANCE SHAFT BUSHING	9Y2991	4
VALVE, INLET	100-7860	4
VALVE, EXHAUST	148-7455	4
VALVE GUIDE	148-7425	8
VALVE LOCK	2A4429	16
VALVE SPRING, INNER & OUTER	7S7144	8
VALVE INSERT, INLET	107-0268	4
VALVE INSERT, EXHAUST	107-0265	4
GASKET KIT UPPER	KMP-3304-K1DI	1
GASKET KIT LOWER	KMP-3304-K2	1

OUT-OF-FRAME KIT: KMP165-4262.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 165-4262 PISTON	KM4262	4
MAIN BEARING STD	232-3233	5
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	4W5739	4
GASKET KIT UPPER	KMP-3304-K1DI	1
GASKET KIT LOWER	KMP-3304-K2	1

IN-FRAME KIT: KMP165-4262.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 165-4262 PISTON	KM4262	4
CONROD BEARING STD	4W5739	4
GASKET KIT UPPER	KMP-3304-K1DI	1
OIL PAN GASKET	8S1963	1

**NOTE: ONLY FOR ENGINES THAT ARE USING THE NEW STYLE
TAPERED CON RODS**

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CAT 3304 ENGINE

ENGINE OVERHAUL KIT: KMP8N3180.EOK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3180 PISTON	8S4635	4
MAIN BEARING STD	232-3233	5
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	4
CONROD BUSHING	8N1985	4
CAMSHAFT BUSHING	9M5477	1
CAMSHAFT BUSHING	7M4046	2
BALANCE SHAFT BUSHING	9Y2992	2
BALANCE SHAFT BUSHING	9Y2991	4
VALVE, INLET	5S6452	4
VALVE, EXHAUST	5S6449	4
VALVE GUIDE	148-7425	8
VALVE LOCK	2A4429	16
VALVE SPRING, INNER & OUTER	7S7144	8
VALVE INSERT, INLET	5S7218	4
VALVE INSERT, EXHAUST	1W5321	4
GASKET KIT UPPER	KMP-3304-K1PC	1
GASKET KIT LOWER	KMP-3304-K2	1

OUT-OF-FRAME KIT: KMP8N3180.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3180 PISTON	8S4635	4
MAIN BEARING STD	232-3233	5
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	4
GASKET KIT UPPER	KMP-3304-K1PC	1
GASKET KIT LOWER	KMP-3304-K2	1

IN-FRAME KIT: KMP8N3180.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3180 PISTON	8S4635	4
CONROD BEARING STD	8N8220	4
GASKET KIT UPPER	KMP-3304-K1PC	1
OIL PAN GASKET	8S1963	1

**NOTE: ONLY FOR ENGINES THAT ARE USING THE NEW STYLE
TAPERED CON RODS VALVE IN.5S6452, VALVE EX.5S6449**

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Engine Kit Programme

CAT 3304 ENGINE

ENGINE OVERHAUL KIT: KMP8N3180.EOK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3180 PISTON	8S4635	4
MAIN BEARING STD	232-3233	5
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	4
CONROD BUSHING	8N1985	4
CAMSHAFT BUSHING	9M5477	1
CAMSHAFT BUSHING	7M4046	2
BALANCE SHAFT BUSHING	9Y2992	2
BALANCE SHAFT BUSHING	9Y2991	4
VALVE, INLET	2W2621	4
VALVE, EXHAUST	8N0875	4
VALVE GUIDE	148-7425	8
VALVE LOCK	2A4429	16
VALVE SPRING, INNER & OUTER	7S7144	8
VALVE INSERT, INLET	5S7218	4
VALVE INSERT, EXHAUST	1W5321	4
GASKET KIT UPPER	KMP-3304-K1PC	1
GASKET KIT LOWER	KMP-3304-K2	1

OUT-OF-FRAME KIT: KMP8N3180.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3180 PISTON	8S4635	4
MAIN BEARING STD	232-3233	5
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	4
GASKET KIT UPPER	KMP-3304-K1PC	1
GASKET KIT LOWER	KMP-3304-K2	1

IN-FRAME KIT: KMP8N3180.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3180 PISTON	8S4635	4
CONROD BEARING STD	8N8220	4
GASKET KIT UPPER	KMP-3304-K1PC	1
OIL PAN GASKET	8S1963	1

NOTE: ONLY FOR ENGINES THAT ARE USING THE NEW STYLE
TAPERED CON RODS VALVE IN.2W2621, VALVE EX.8N0875

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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Engine Kit Programme**CAT 3304 ENGINE****ENGINE OVERHAUL KIT: KMP8N3182.EOK-4A**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3182 PISTON	9S8914	4
MAIN BEARING STD	232-3233	5
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	4
CONROD BUSHING	8N1985	4
CAMSHAFT BUSHING	9M5477	1
CAMSHAFT BUSHING	7M4046	2
BALANCE SHAFT BUSHING	9Y2992	2
BALANCE SHAFT BUSHING	9Y2991	4
VALVE, INLET	5S6452	4
VALVE, EXHAUST	5S6449	4
VALVE GUIDE	148-7425	8
VALVE LOCK	2A4429	16
VALVE SPRING, INNER & OUTER	7S7144	8
VALVE INSERT, INLET	5S7218	4
VALVE INSERT, EXHAUST	1W5321	4
GASKET KIT UPPER	KMP-3304-K1PC	1
GASKET KIT LOWER	KMP-3304-K2	1

OUT-OF-FRAME KIT: KMP8N3182.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3182 PISTON	9S8914	4
MAIN BEARING STD	232-3233	5
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	4
GASKET KIT UPPER	KMP-3304-K1PC	1
GASKET KIT LOWER	KMP-3304-K2	1

IN-FRAME KIT: KMP8N3182.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3182 PISTON	9S8914	4
CONROD BEARING STD	8N8220	4
GASKET KIT UPPER	KMP-3304-K1PC	1
OIL PAN GASKET	8S1963	1

**NOTE: ONLY FOR ENGINES THAT ARE USING THE NEW STYLE
TAPERED CON RODS VALVE IN.5S6452, VALVE EX.5S6449**

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CAT 3304 ENGINE

ENGINE OVERHAUL KIT: KMP8N3182.EOK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3182 PISTON	9S8914	4
MAIN BEARING STD	232-3233	5
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	4
CONROD BUSHING	8N1985	4
CAMSHAFT BUSHING	9M5477	1
CAMSHAFT BUSHING	7M4046	2
BALANCE SHAFT BUSHING	9Y2992	2
BALANCE SHAFT BUSHING	9Y2991	4
VALVE, INLET	2W2621	4
VALVE, EXHAUST	8N0875	4
VALVE GUIDE	148-7425	8
VALVE LOCK	2A4429	16
VALVE SPRING, INNER & OUTER	7S7144	8
VALVE INSERT, INLET	5S7218	4
VALVE INSERT, EXHAUST	1W5321	4
GASKET KIT UPPER	KMP-3304-K1PC	1
GASKET KIT LOWER	KMP-3304-K2	1

OUT-OF-FRAME KIT: KMP8N3182.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3182 PISTON	9S8914	4
MAIN BEARING STD	232-3233	5
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	4
GASKET KIT UPPER	KMP-3304-K1PC	1
GASKET KIT LOWER	KMP-3304-K2	1

IN-FRAME KIT: KMP8N3182.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3182 PISTON	9S8914	4
CONROD BEARING STD	8N8220	4
GASKET KIT UPPER	KMP-3304-K1PC	1
OIL PAN GASKET	8S1963	1

NOTE: ONLY FOR ENGINES THAT ARE USING THE NEW STYLE
TAPERED CON RODS VALVE IN.2W2621, VALVE EX.8N0875

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CAT 3304 ENGINE

ENGINE OVERHAUL KIT: KMP9N5250.EOK-4A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9N5250 PISTON	8S4636	4
MAIN BEARING STD	232-3233	5
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	4
CONROD BUSHING	8N1849	4
CAMSHAFT BUSHING	9M5477	1
CAMSHAFT BUSHING	7M4046	2
BALANCE SHAFT BUSHING	9Y2992	2
BALANCE SHAFT BUSHING	9Y2991	4
VALVE, INLET	5S6452	4
VALVE, EXHAUST	5S6449	4
VALVE GUIDE	148-7425	8
VALVE LOCK	2A4429	16
VALVE SPRING, INNER & OUTER	7S7144	8
VALVE INSERT, INLET	5S7218	4
VALVE INSERT, EXHAUST	1W5321	4
GASKET KIT UPPER	KMP-3304-K1PC	1
GASKET KIT LOWER	KMP-3304-K2	1

OUT-OF-FRAME KIT: KMP9N5250.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9N5250 PISTON	8S4636	4
MAIN BEARING STD	232-3233	5
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	4
GASKET KIT UPPER	KMP-3304-K1PC	1
GASKET KIT LOWER	KMP-3304-K2	1

IN-FRAME KIT: KMP9N5250.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9N5250 PISTON	8S4636	4
CONROD BEARING STD	8N8220	4
GASKET KIT UPPER	KMP-3304-K1PC	1
OIL PAN GASKET	8S1963	1

**NOTE: ONLY FOR ENGINES THAT ARE USING THE NEW STYLE
TAPERED CON RODS VALVE IN.5S6452, VALVE EX.5S6449**

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CAT 3304 ENGINE

ENGINE OVERHAUL KIT: KMP9N5250.EOK-4B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9N5250 PISTON	8S4636	4
MAIN BEARING STD	232-3233	5
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	4
CONROD BUSHING	8N1849	4
CAMSHAFT BUSHING	9M5477	1
CAMSHAFT BUSHING	7M4046	2
BALANCE SHAFT BUSHING	9Y2992	2
BALANCE SHAFT BUSHING	9Y2991	4
VALVE, INLET	2W2621	4
VALVE, EXHAUST	8N0875	4
VALVE GUIDE	148-7425	8
VALVE LOCK	2A4429	16
VALVE SPRING, INNER & OUTER	7S7144	8
VALVE INSERT, INLET	5S7218	4
VALVE INSERT, EXHAUST	1W5321	4
GASKET KIT UPPER	KMP-3304-K1PC	1
GASKET KIT LOWER	KMP-3304-K2	1

OUT-OF-FRAME KIT: KMP9N5250.OFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9N5250 PISTON	8S4636	4
MAIN BEARING STD	232-3233	5
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	4
GASKET KIT UPPER	KMP-3304-K1PC	1
GASKET KIT LOWER	KMP-3304-K2	1

IN-FRAME KIT: KMP9N5250.IFK-4

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9N5250 PISTON	8S4636	4
CONROD BEARING STD	8N8220	4
GASKET KIT UPPER	KMP-3304-K1PC	1
OIL PAN GASKET	8S1963	1

NOTE: ONLY FOR ENGINES THAT ARE USING THE NEW STYLE
TAPERED CON RODS VALVE IN.2W2621, VALVE EX.8N0875

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CAT 3306 ENGINE - APPLICATIONS

HYDRAULIC EXCAVATORS

SERIAL NO.

235	32K00001-UP
235	62X00001-UP
235	64R00001-UP
235	81X00001-UP
235B	1FD00001-UP
235B	4ED00001-UP
235B	7WC00001-UP
235B	9PC00001-UP
235C	2PG00001-UP
235C	3WG00001-UP
235C	4DG00001-UP
235C	5AF000001-UP
235D	8KJ00001-UP
235D	8TJ00001-UP
E300	4NF00001-UP
E300B	1WJ00001-UP
E300B	3FJ00001-UP
330	2EL00001-UP
330	8FK00001-UP
330	2ZM00001-UP
330B	1JS00001-UP
330B	4RS00001-UP
330B	5LS00001-UP
330B	6DR00001-UP
330B	8SR00001-UP
330B	8TR00001-UP
330L	3YR00001-UP
330L	5LR00001-UP
330L	6WJ00001-UP
330L	6ZK00001-UP
330L	8CK00001-UP
330L	9ML00001-UP
330L	9WJ00001-UP
W330B	AME00001-UP
350	2ZL00001-UP
350	9FL00001-UP
350L	3ML00001-UP
350L	7RK00001-UP
350L	8HK00001-UP
350L	9DK00001-UP

DOZERS

SERIAL NO.

D5	67J00001-UP
D5	93J00001-UP
D5	94J00001-UP
D5	95J00001-UP
D5	96J00001-UP
D5	98J00001-UP
D5	06R00001-UP
D5	12R00001-UP
D5	06R00001-UP
D5	12R00001-UP

D5B	5MB00001-UP
D5B	8HD00001-UP
D5B	8MB00001-UP
D5B	62J00001-UP
D5B	63J00001-UP
D5B	22X00001-UP
D5B	23X00001-UP
D5B	24X00001-UP
D5B	25X00001-UP
D5B	26X00001-UP
D5B	43X00001-UP
D5B	44X00001-UP
D5B	49X00001-UP
D5B	21Y00001-UP
D5E	9RG00001-UP
D6C	90B00001-UP
D6C	46J00001-UP
D6C	47J00001-UP
D6C	69J00001-UP
D6C	99J00001-UP
D6C	10K00001-UP
D6C	26K00001-UP
D6C	17R00001-UP
D6C	69U00001-UP
D6C	49W00001-UP
D6D	19B00001-UP
D6D	6HC00001-UP
D6D	36C00001-UP
D6D	37C00001-UP
D6D	38C00001-UP
D6D	74W00001-UP
D6D	75W00001-UP
D6D	03X00001-UP
D6D	06X00001-UP
D6D	19X00001-UP
D6D	20X00001-UP
D6D	30X00001-UP
D6D	33X00001-UP
D6D	7XF00001-UP
D6D	01Y00001-UP
D6D	7YK00001-UP
D6E	2MJ00001-UP
D6E	8FJ00001-UP
D6G	8WJ00001-UP
D6G	C6G00001-UP
D6G	3SR00001-UP
D6H	1FJ00001-UP
D6H	IKD00001-UP
D6H	3SR00001-UP
D6H	1YL00001-UP
D6H	2DK00001-UP
D6H	2TG00001-UP
D6H	2TL00001-UP
D6H	3ED00001-UP
D6H	3YG00001-UP

D6H	3ZF00001-UP
D6H	4GG00001-UP
D6H	4LG00001-UP
D6H	4RC00001-UP
D6H	4YF00001-UP
D6H	5HF00001-UP
D6H	5KK00001-UP
D6H	6CF00001-UP
D6H	6CK00001-UP
D6H	6FC00001-UP
D6H	7PC00001-UP
D6H	7ZK00001-UP
D6H	8FC00001-UP
D6H	8ZJ00001-UP
D6H	9KJ00001-UP
D6H	9LK00001-UP
D6H	9RK00001-UP
D6R	1RW00001-UP
D6R	2YN00001-UP
D6R	3ZN00001-UP
D6R	4FM00001-UP
D6R	4HN00001-UP
D6R	5LN00001-UP
D6R	6JN00001-UP
D6R	6FR00001-UP
D6R	6MR00001-UP
D6R	7DR00001-UP
D6R	8LN00001-UP
D6R	8TM00001-UP
D6R	8XN00001-UP
D6R	9BM00001-UP
D6R	9MN00001-UP
D6R	9PN00001-UP
D6R	4TR00001-UP
D6R	4WR00001-UP
D6R	9ZS00001-UP
D7G	64V00001-UP
D7G	91V00001-UP
D7G	44W00001-UP
D7G	72W00001-UP
D7H	2RG00001-UP
D7H	3XG00001-UP
D7H	4AB00001-UP
D7H	4SB00001-UP
D7H	4FG00001-UP
D7H	5BF00001-UP
D7H	5WB00001-UP
D7H	44W00001-UP
D7H	45W00001-UP
D7H	77Z00001-UP
D7H	79Z00001-UP
D7H	82Z00001-UP
D7R	2EN00001-UP
D7R	2HR00001-UP
D7R	3DN00001-UP
D7R	9HM00001-UP

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CAT 3306 ENGINE - APPLICATIONS

WHEEL LOADERS

SERIAL NO.

966	42J06498-UP
966C	18B00001-UP
966C	9KC00001-UP
966C	78G00001-UP
966C	30K00001-UP
966C	76J00001-UP
966D	35S00001-UP
966D	25V00001-UP
966D	94X00001-UP
966D	99Y00001-UP
966F	8GB00001-UP
966F	15L00001-UP
966F	3XJ00001-UP
966F	4YG00001-UP
966F	9YJ00001-UP
966G	AAH00001-UP
966G	3PW00001-01415
966G	8XW00001-UP
966G	9RS00001-UP
966R	58Z000001-UP
970F	7PL00001-UP
970F	7SK00001-UP
970F	9JK00001-UP
972G	AAW00001-UP
972G	1EW00001-UP
972G	6AW00001-UP
972G	9GW00001-UP
980B	89P04784-UP

WHEELED TRACTORS

SERIAL NO.

814	90P00359-UP
814	14R00001-UP
814F	9DM00001-UP
815	91P01102-UP
815	15R00408-UP

TRAXCAVATORS

SERIAL NO.

973	66G00001-UP
973	86G00001-UP
973	90L00001-UP
973	26Z00001-UP
973	32Z00001-UP
973C	3RZ00001-UP
977L	48J00001-UP
977L	11K00001-UP
977L	14X00001-UP

MOTOR GRADERS

SERIAL NO.

12G	61M00001-UP
12G	3PL00001-UP
12G	3WC00001-UP
12H	XZJ00001-UP
12H	2GS00001-UP
12H	2LR00001-UP
12H	2WR00001-UP
12H	4ER00001-UP
12H	4XM00001-UP
12H	5HM00001-UP
12H	8MN00001-UP
14G	96U00001-UP
14H	7WJ00001-UP
120B	32C00001-UP
120B	64U00001-UP
140B	33C00001-UP
140B	61S00001-UP
140H	XJH00001-UP
140H	2ZK00001-UP
140H	3AS00001-UP
140G	5MD00001-UP
140G	72V00001-UP
140G	3AS00001-UP
140H	81V01031-UP
140H	2ZK00001-UP
140H	5HM00001-UP
140H	8JM00001-UP
140H	8KM00001-UP
140H	9TN00001-UP
140H	9ZN00001-UP
143H	1AL00001-UP
160H	XZK00001-UP
160G	4JD00001-UP
160H	2HS00001-UP
160H	3GM00001-UP
160H	6MW00001-UP
160H	9EJ00001-UP
160H	9HM00001-UP
160H	9TN00001-UP
163H	5AK00001-UP

PIPE LAYERS

SERIAL NO.

561C	92J00512-UP
561D	54X00001-UP
571G	5ZD00001-UP
572G	8PC00001-UP
572G	40U00001-UP
572R	AAC00001-UP
572R	AAR00001-UP
572R	2HZ00001-UP

SCRAPERS

SERIAL NO.

611	6SZ00001-UP
611	67WZ00001-UP
615	46Z00001-UP
615C	2XG00001-UP
615C	5TF00001-UP
615C	9XC00001-UP
615C	9XG00001-UP
621R	12Y00001-UP
621S	2TF00001-UP
621S	8KD00001-UP
627B	14S00001-UP
627B	15S00001-UP
627B	32V00001-UP
627B	33V00001-UP
627B	34V00001-UP
627B	37V00001-UP
627B	38V00001-UP
627B	56V00001-UP
627E	3WJ00001-UP
627E	6EB00001-UP
627E	6FB00001-UP
627E	6GB00001-UP
627E	6HB00001-UP
627E	7CG00001-UP
627F	1DL00001-UP
627F	4YK00001-UP
627G	AYK00001-UP
637D	4JB00001-UP
637D	20W00001-UP
637D	21W00001-UP
637D	22W00001-UP
637D	23W00001-UP
637D	70W00001-UP
637E	1HB00001-UP
637E	1LB00001-UP
637E	7CB00001-UP
637G	AWE00001-UP
637G	AYN00001-UP
639D	88X0000-05000

SKIDDERS

SERIAL NO.

528	51S00001-UP
528	78W00001-00365
528	96C00001-UP
528	97C00001-UP
528B	8SJ00001-UP
530B	5BK00001-UP
545	2FZ00001-UP

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CAT 3306 ENGINE - APPLICATIONS

COMPACTORS

SERIAL NO.

815	91P01102-UP
815F	1GN00001-UP
816	57U00001-UP
816B	15Z00001-UP
816B	16Z00001-UP
816F	5FN00001-00656

GENERATOR SETS

SERIAL NO.

2AJ00001-UP
1DG00001-UP
1DJ00001-UP
9DS00001-UP
7HB00001-UP
5JC00001-UP
8JJ00001-UP
7KF00001-UP
8NS00001-UP
9NR00001-UP
3RG00001-UP
2TM00001-UP
2ZC00001-UP
8SZ00001-UP
8BD00001-UP

INDUSTRIAL APPLICATIONS

SERIAL NO.

1BM00001-UP
3CF00001-UP
23C00001-UP
66D00001-UP
5GZ00001-UP
7JB00001-UP
7OR00001-UP
4WB00001-UP

MARINE APPLICATIONS

SERIAL NO.

67D00001-UP
1RS00001-UP
9SL00001-UP
84Z00001-UP

TRUCKS

SERIAL NO.

D25C 9YC00001-UP
D25D IHK00001-00673
D25D 3AJ00001-00414
D30C 7ZC00001-00257
D30D 1HK00674-UP
D30D 3AJ00415-UP
D30D 5MG00001-UP
D35C 2GD00001-00124
D35D 9RF00001-UP
D250B 5WD00001-UP
D250E 4PS00001-UP
D250E 5TN00001-UP
D300B 4SD00001-UP
D300D 5MG00001-UP
D300E 5KS00001-00617
D300E 7FN00001-UP
D350C 8XC00001-00404
2AZ00001-UP
5KD00001-UP
69D00001-UP
7RJ00001-UP
76R00001-UP
9TL00001-UP
63Z00001-UP

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON BODY ASSY	CYLINDER LINER	PISTON PIN	PISTON RING SET	INDIVIDUAL PISTON RINGS	LINER SEAL KIT
KM4262	165-4262	110-5800	7N9805	211-4321		5P8768
KM6759	129-0358	110-5800	7N9805	2W6091		5P8768
KM8914	129-0338	110-5800	7N9805	2W1709		5P8768
KM3565	107-3565	110-5800	7N9805		100-6694+100-6695+610497	5P8768
KM4531	168-4531	110-5800	7N9805	211-4321		5P8768
KM8087	154-8087	110-5800	7N9805	211-4321		5P8768
8S4635	8N3180	110-5800	7N9804	9S3068		5P8768
8S4636	9N5250B	110-5800	7N9805	9S3069		5P8768
9S8914	8N3182B	110-5800	7N9804	9S3068		5P8768

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CAT 3306 ENGINE

ENGINE OVERHAUL KIT: KMP107-3565.EOK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-3565 PISTON	KM3565	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	4W5739	6
CONROD BUSHING	8N1849	6
CAMSHAFT BUSHING	9M5477	1
CAMSHAFT BUSHING	7M4046	4
VALVE, INLET	100-7860	6
VALVE, EXHAUST	148-7455	6
VALVE GUIDE	148-7425	12
VALVE LOCK	2A4429	24
VALVE SPRING, INNER & OUTER	757144	12
VALVE INSERT, INLET	107-0268	6
VALVE INSERT, EXHAUST	107-0265	6
GASKET KIT UPPER	KMP-3306-K1DI	1
GASKET KIT LOWER	KMP-3306-K2	1

OUT-OF-FRAME KIT: KMP107-3565.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-3565 PISTON	KM3565	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	4W5739	6
GASKET KIT UPPER	KMP-3306-K1DI	1
GASKET KIT LOWER	KMP-3306-K2	1

IN-FRAME KIT: KMP107-3565.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 107-3565 PISTON	KM3565	6
CONROD BEARING STD	4W5739	6
GASKET KIT UPPER	KMP-3306-K1DI	1
OIL PAN GASKET	169-4199	1

**NOTE: ONLY FOR ENGINES THAT ARE USING THE NEW STYLE
TAPERED CON RODS**

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CAT 3306 ENGINE

ENGINE OVERHAUL KIT: KMP129-0338.EOK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 129-0338 PISTON	KM8914	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	4W5739	6
CONROD BUSHING	8N1849	6
CAMSHAFT BUSHING	9M5477	1
CAMSHAFT BUSHING	7M4046	4
VALVE, INLET	100-7860	6
VALVE, EXHAUST	148-7455	6
VALVE GUIDE	148-7425	12
VALVE LOCK	2A4429	24
VALVE SPRING, INNER & OUTER	757144	12
VALVE INSERT, INLET	107-0268	6
VALVE INSERT, EXHAUST	107-0265	6
GASKET KIT UPPER	KMP-3306-K1DI	1
GASKET KIT LOWER	KMP-3306-K2	1

OUT-OF-FRAME KIT: KMP129-0338.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 129-0338 PISTON	KM8914	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	4W5739	6
GASKET KIT UPPER	KMP-3306-K1DI	1
GASKET KIT LOWER	KMP-3306-K2	1

IN-FRAME KIT: KMP129-0338.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 129-0338 PISTON	KM8914	6
CONROD BEARING STD	4W5739	6
GASKET KIT UPPER	KMP-3306-K1DI	1
OIL PAN GASKET	169-4199	1

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CAT 3306 ENGINE

ENGINE OVERHAUL KIT: KMP129-0358.EOK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 129-0358 PISTON	KM6759	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	4W5739	6
CONROD BUSHING	8N1849	6
CAMSHAFT BUSHING	9M5477	1
CAMSHAFT BUSHING	7M4046	4
VALVE, INLET	100-7860	6
VALVE, EXHAUST	148-7455	6
VALVE GUIDE	148-7425	12
VALVE LOCK	2A4429	24
VALVE SPRING, INNER & OUTER	757144	12
VALVE INSERT, INLET	107-0268	6
VALVE INSERT, EXHAUST	107-0265	6
GASKET KIT UPPER	KMP-3306-K1DI	1
GASKET KIT LOWER	KMP-3306-K2	1

OUT-OF-FRAME KIT: KMP129-0358.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 129-0358 PISTON	KM6759	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	4W5739	6
GASKET KIT UPPER	KMP-3306-K1DI	1
GASKET KIT LOWER	KMP-3306-K2	1

IN-FRAME KIT: KMP129-0358.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 129-0358 PISTON	KM6759	6
CONROD BEARING STD	4W5739	6
GASKET KIT UPPER	KMP-3306-K1DI	1
OIL PAN GASKET	169-4199	1

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KIT CONTENTS	PART NO	QTY
LINER KIT WITH 154-8087 PISTON	KM8087	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	4W5739	6
CONROD BUSHING	8N1849	6
CAMSHAFT BUSHING	9M5477	1
CAMSHAFT BUSHING	7M4046	4
VALVE, INLET	100-7860	6
VALVE, EXHAUST	148-7455	6
VALVE GUIDE	148-7425	12
VALVE LOCK	2A4429	24
VALVE SPRING, INNER & OUTER	757144	12
VALVE INSERT, INLET	107-0268	6
VALVE INSERT, EXHAUST	107-0265	6
GASKET KIT UPPER	KMP-3306-K1DI	1
GASKET KIT LOWER	KMP-3306-K2	1

OUT-OF-FRAME KIT: KMP154-8087.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 154-8087 PISTON	KM8087	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	4W5739	6
GASKET KIT UPPER	KMP-3306-K1DI	1
GASKET KIT LOWER	KMP-3306-K2	1

IN-FRAME KIT: KMP154-8087.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 154-8087 PISTON	KM8087	6
CONROD BEARING STD	4W5739	6
GASKET KIT UPPER	KMP-3306-K1DI	1
OIL PAN GASKET	169-4199	1

**NOTE: ONLY FOR ENGINES THAT ARE USING THE NEW STYLE
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CAT 3306 ENGINE

ENGINE OVERHAUL KIT: KMP165-4262.EOK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 165-4262 PISTON	KM4262	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	4W5739	6
CONROD BUSHING	8N1849	6
CAMSHAFT BUSHING	9M5477	1
CAMSHAFT BUSHING	7M4046	4
VALVE, INLET	100-7860	6
VALVE, EXHAUST	148-7455	6
VALVE GUIDE	148-7425	12
VALVE LOCK	2A4429	24
VALVE SPRING, INNER & OUTER	757144	12
VALVE INSERT, INLET	107-0268	6
VALVE INSERT, EXHAUST	107-0265	6
GASKET KIT UPPER	KMP-3306-K1DI	1
GASKET KIT LOWER	KMP-3306-K2	1

OUT-OF-FRAME KIT: KMP165-4262.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 165-4262 PISTON	KM4262	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	4W5739	6
GASKET KIT UPPER	KMP-3306-K1DI	1
GASKET KIT LOWER	KMP-3306-K2	1

IN-FRAME KIT: KMP165-4262.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 165.4262 PISTON	KM4262	6
CONROD BEARING STD	4W5739	6
GASKET KIT UPPER	KMP-3306-K1DI	1
OIL PAN GASKET	169-4199	1

**NOTE: ONLY FOR ENGINES THAT ARE USING THE NEW STYLE
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CAT 3306 ENGINE

ENGINE OVERHAUL KIT: KMP168-4531.EOK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 168-4531 PISTON	KM4531	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	4W5739	6
CONROD BUSHING	8N1849	6
CAMSHAFT BUSHING	9M5477	1
CAMSHAFT BUSHING	7M4046	4
VALVE, INLET	100-7860	6
VALVE, EXHAUST	148-7455	6
VALVE GUIDE	148-7425	12
VALVE LOCK	2A4429	24
VALVE SPRING, INNER & OUTER	757144	12
VALVE INSERT, INLET	107-0268	6
VALVE INSERT, EXHAUST	107-0265	6
GASKET KIT UPPER	KMP-3306-K1DI	1
GASKET KIT LOWER	KMP-3306-K2	1

OUT-OF-FRAME KIT: KMP168-4531.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 168-4531 PISTON	KM4531	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	4W5739	6
GASKET KIT UPPER	KMP-3306-K1DI	1
GASKET KIT LOWER	KMP-3306-K2	1

IN-FRAME KIT: KMP168-4531.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 168-4531 PISTON	KM4531	6
CONROD BEARING STD	4W5739	6
GASKET KIT UPPER	KMP-3306-K1DI	1
OIL PAN GASKET	169-4199	1

**NOTE: ONLY FOR ENGINES THAT ARE USING THE NEW STYLE
TAPERED CON RODS**

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CAT 3306 ENGINE

ENGINE OVERHAUL KIT: KMP8N3180.EOK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3180 PISTON	8S4635	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	6
CONROD BUSHING	8N1985	6
CAMSHAFT BUSHING	9M5477	1
CAMSHAFT BUSHING	7M4046	4
VALVE, INLET	5S6452	6
VALVE, EXHAUST	5S6449	6
VALVE GUIDE	148-7425	12
VALVE LOCK	2A4429	24
VALVE SPRING, INNER & OUTER	7S7144	12
VALVE INSERT, INLET	5S7218	6
VALVE INSERT, EXHAUST	1W5321	6
GASKET KIT UPPER	KMP-3306-K1PC	1
GASKET KIT LOWER	KMP-3306-K2	1

OUT-OF-FRAME KIT: KMP8N3180.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3180 PISTON	8S4635	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	6
GASKET KIT UPPER	KMP-3306-K1PC	1
GASKET KIT LOWER	KMP-3306-K2	1

IN-FRAME KIT: KMP8N3180.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3180 PISTON	8S4635	6
CONROD BEARING STD	8N8220	6
GASKET KIT UPPER	KMP-3306-K1PC	1
OIL PAN GASKET	169-4199	1

**NOTE: ONLY FOR ENGINES THAT ARE USING THE NEW STYLE
 TAPERED CON RODS VALVE IN.5S6452, VALVE EX.5S6449**

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CAT 3306 ENGINE

ENGINE OVERHAUL KIT: KMP8N3180.EOK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3180 PISTON	8S4635	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	6
CONROD BUSHING	8N1985	6
CAMSHAFT BUSHING	9M5477	1
CAMSHAFT BUSHING	7M4046	4
VALVE, INLET	2W2621	6
VALVE, EXHAUST	8N0875	6
VALVE GUIDE	148-7425	12
VALVE LOCK	2A4429	24
VALVE SPRING, INNER & OUTER	7S7144	12
VALVE INSERT, INLET	5S7218	6
VALVE INSERT, EXHAUST	1W5321	6
GASKET KIT UPPER	KMP-3306-K1PC	1
GASKET KIT LOWER	KMP-3306-K2	1

OUT-OF-FRAME KIT: KMP8N3180.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3180 PISTON	8S4635	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	6
GASKET KIT UPPER	KMP-3306-K1PC	1
GASKET KIT LOWER	KMP-3306-K2	1

IN-FRAME KIT: KMP8N3180.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3180 PISTON	8S4635	6
CONROD BEARING STD	8N8220	6
GASKET KIT UPPER	KMP-3306-K1PC	1
OIL PAN GASKET	169-4199	1

**NOTE: ONLY FOR ENGINES THAT ARE USING THE NEW STYLE
 TAPERED CON RODS VALVE IN.2W2621, VALVE EX.8N0875**

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CAT 3306 ENGINE

ENGINE OVERHAUL KIT: KMP8N3182.EOK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3182 PISTON	9S8914	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	6
CONROD BUSHING	8N1985	6
CAMSHAFT BUSHING	9M5477	1
CAMSHAFT BUSHING	7M4046	4
VALVE, INLET	5S6452	6
VALVE, EXHAUST	5S6449	6
VALVE GUIDE	148-7425	12
VALVE LOCK	2A4429	24
VALVE SPRING, INNER & OUTER	7S7144	12
VALVE INSERT, INLET	5S7218	6
VALVE INSERT, EXHAUST	1W5321	6
GASKET KIT UPPER	KMP-3306-K1PC	1
GASKET KIT LOWER	KMP-3306-K2	1

OUT-OF-FRAME KIT: KMP8N3182.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3182 PISTON	9S8914	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	6
GASKET KIT UPPER	KMP-3306-K1PC	1
GASKET KIT LOWER	KMP-3306-K2	1

IN-FRAME KIT: KMP8N3182.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3182 PISTON	9S8914	6
CONROD BEARING STD	8N8220	6
GASKET KIT UPPER	KMP-3306-K1PC	1
OIL PAN GASKET	169-4199	1

**NOTE: ONLY FOR ENGINES THAT ARE USING THE NEW STYLE
 TAPERED CON RODS VALVE IN.5S6452, VALVE EX.5S6449**

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CAT 3306 ENGINE

ENGINE OVERHAUL KIT: KMP8N3182.EOK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3182 PISTON	9S8914	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	6
CONROD BUSHING	8N1985	6
CAMSHAFT BUSHING	9M5477	1
CAMSHAFT BUSHING	7M4046	4
VALVE, INLET	2W2621	6
VALVE, EXHAUST	8N0875	6
VALVE GUIDE	148-7425	12
VALVE LOCK	2A4429	24
VALVE SPRING, INNER & OUTER	757144	12
VALVE INSERT, INLET	557218	6
VALVE INSERT, EXHAUST	1W5321	6
GASKET KIT UPPER	KMP-3306-K1PC	1
GASKET KIT LOWER	KMP-3306-K2	1

OUT-OF-FRAME KIT: KMP8N3182.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3182 PISTON	9S8914	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	6
GASKET KIT UPPER	KMP-3306-K1PC	1
GASKET KIT LOWER	KMP-3306-K2	1

IN-FRAME KIT: KMP8N3182.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 8N3182 PISTON	9S8914	6
CONROD BEARING STD	8N8220	6
GASKET KIT UPPER	KMP-3306-K1PC	1
OIL PAN GASKET	169-4199	1

**NOTE: ONLY FOR ENGINES THAT ARE USING THE NEW STYLE
TAPERED CON RODS VALVE IN.2W2621, VALVE EX.8N0875**

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CAT 3306 ENGINE

ENGINE OVERHAUL KIT: KMP9N5250.EOK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9N5250 PISTON	8S4636	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	6
CONROD BUSHING	8N1849	6
CAMSHAFT BUSHING	9M5477	1
CAMSHAFT BUSHING	7M4046	4
VALVE, INLET	5S6452	6
VALVE, EXHAUST	5S6449	6
VALVE GUIDE	148-7425	12
VALVE LOCK	2A4429	24
VALVE SPRING, INNER & OUTER	7S7144	12
VALVE INSERT, INLET	5S7218	6
VALVE INSERT, EXHAUST	1W5321	6
GASKET KIT UPPER	KMP-3306-K1PC	1
GASKET KIT LOWER	KMP-3306-K2	1

OUT-OF-FRAME KIT: KMP9N5250.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9N5250 PISTON	8S4636	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	6
GASKET KIT UPPER	KMP-3306-K1PC	1
GASKET KIT LOWER	KMP-3306-K2	1

IN-FRAME KIT: KMP9N5250.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9N5250 PISTON	8S4636	6
CONROD BEARING STD	8N8220	6
GASKET KIT UPPER	KMP-3306-K1PC	1
OIL PAN GASKET	169-4199	1

**NOTE: ONLY FOR ENGINES THAT ARE USING THE NEW STYLE
TAPERED CON RODS VALVE IN.5S6452, VALVE EX.5S6449**

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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CAT 3306 ENGINE

ENGINE OVERHAUL KIT: KMP9N5250.EOK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9N5250 PISTON	8S4636	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	6
CONROD BUSHING	8N1849	6
CAMSHAFT BUSHING	9M5477	1
CAMSHAFT BUSHING	7M4046	4
VALVE, INLET	2W2621	6
VALVE, EXHAUST	8N0875	6
VALVE GUIDE	148-7425	12
VALVE LOCK	2A4429	24
VALVE SPRING, INNER & OUTER	7S7144	12
VALVE INSERT, INLET	5S7218	6
VALVE INSERT, EXHAUST	1W5321	6
GASKET KIT UPPER	KMP-3306-K1PC	1
GASKET KIT LOWER	KMP-3306-K2	1

OUT-OF-FRAME KIT: KMP9N5250.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9N5250 PISTON	8S4636	6
MAIN BEARING STD	232-3233	7
THRUST BEARING STD	100-3652	2
CONROD BEARING STD	8N8220	6
GASKET KIT UPPER	KMP-3306-K1PC	1
GASKET KIT LOWER	KMP-3306-K2	1

IN-FRAME KIT: KMP9N5250.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9N5250 PISTON	8S4636	6
CONROD BEARING STD	8N8220	6
GASKET KIT UPPER	KMP-3306-K1PC	1
OIL PAN GASKET	169-4199	1

**NOTE: ONLY FOR ENGINES THAT ARE USING THE NEW STYLE
TAPERED CON RODS VALVE IN.2W2621, VALVE EX.8N0875**

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CAT 3406 ENGINE - APPLICATIONS

EXCAVATORS	SERIAL NO.
245	82X00001-UP
245	84X00001-UP
245	94L00001-00254
245	94L00255-UP
245	95V00471-UP
375	1JM00001-UP
375	6NK00001-UP
375	6RL00001-UP
375	8WJ00001-UP
375	8XG00001-00312
375	9WL00001-UP
375	1JM00001-UP
375	6NK00001-UP
375	6RL00001-UP
735	AWR00001-UP
245B	1SJ00713-UP
245B	6MF00513-UP
245B	1SJ00001-00712
245B	6MF00001-00512
245D	4LK00001-UP
245D	7ZJ00001-UP
375 & 375L	8WJ00001-UP
375L	1JM00001-UP
375L	6NK00001-UP
375L	6RL00001-UP
375L	8WJ00001-UP
375L	8XG00001-00312
375L	9WL00001-UP
375L	6NK00001-UP
375L	6RL00001-UP
375 & 375L	8XG00001-00312
375 & 375L	9WL00001-UP

WHEEL LOADERS	SERIAL NO.
980C	2XD00001-UP
980C	63X06575-09823
980C	13B00300-UP
980C	13B00733-UP
980C	2XD00001-UP
980C	63X00001-00574
980C	63X06575-09823
980F	3HK00001-UP
980F	4RN00001-UP
980F	5XJ00001-00616
980F	5XJ00617-00712
980F	5XJ00713-UP
980F	8CJ00001-UP
980F	8JN00001-UP
980G	2KR00001-04865
980G	2SR00651-UP
980G	9CM00001-02367

MOTOR GRADERS	SERIAL NO.
16G	93U02679-UP
16G	93U01179-02678
16G	93U02679-UP
16H	6ZJ00001-UP

TRACTORS	SERIAL NO.
824C	85X01194-UP
824C	85X00001-01193
824C	85X01194-UP
825C	86X00001-00730
825C	86X00731-UP
D8N	1XJ00001-UP
D8N	5TJ00001-UP
D8N	7TK00001-UP
D8N	9TC00001-UP
D8N	1XJ00001-UP
D8N	9TC00001-UP
D8R	7XM00001-UP
D8R	9EM00001-UP
D8R	6YZ00001-UP
D8R	AKA00001-UP

COMPACTORS	SERIAL NO.
526C	87X00587-01930
825C	85X01194-UP

GENERATOR SETS	SERIAL NO.
	2WB00001-11475
	2WB11476-UP
	4JK00001-00098
	4JK00001-UP
	4JK00099-UP
	4RG00001-01501
	4RG01502-UP
	4BM00001-UP
	2AM00001-UP
	4JK00001-00098
	4JK00001-UP
	4JK00099-UP
	4RG00001-01501
	4RG01502-UP

WHEEL TRACTORS/SCRAPERS	SERIAL NO.
621B	45P02712-UP
621E	2PD01011-UP
621E	6BB01235-UP
621E	2PD00001-01010
621E	2TF00001-00971
621E	6AB00001-01427
621E	6AB01428-UP
621E	6BB00001-01234
621E	6BB01235-UP
621F	4SK00001-UP
621F	5JK00001-UP
621F	8PL00001-UP
621F	9NL00001-UP
621F	4SK00001-UP
621F	5JK00001-UP
621F	8PL00001-UP
621F	9NL00001-UP
621G	ALP00001-UP
621G	CEN00001-UP
623B	46P01602-UP
623E	5SG00001-00479
623E	6YF00001-UP
623E	5SG00001-00479
623E	6CB00001-UP
623E	6DB00001-UP
623E	6YF00001-UP
623F	6BK00001-UP
623F	5SG00480-UP
623F	3XW00001-UP
623F	5EW00001-UP
623F	5SG00480-UP
623F	6BK00001-UP
623G	ARW00001-UP
623G	CES00001-UP
627B	14S01080-UP
627B	15S01551-UP
627E	3WJ00001-UP
627E	7CG00001-UP
627E	3WJ00001-UP
627E	6EB00001-UP
627E	6FB00001-UP
627E	6GB00001-UP
627E	6HB00001-UP
627E	7CG00001-UP
627F	1DL00001-UP
627F	4YK00001-UP
627F	1DL00001-UP
627F	4YK00001-UP
627G	AXF00001-UP
627G	CEX00001-UP
824G	4SN00001-00511

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CAT 3406 ENGINE - APPLICATIONS

INDUSTRIAL APPLICATIONS

SERIAL NO.

	90U00440-19730
	90U19731-UP
	90U00001-00439
	6TB00001-09165
	6TB09166-09856
	6TB09857-UP

ARTICULATED TRUCKS

SERIAL NO.

740	AXM00001-UP
740	AZZ00001-UP
D350E	9LR00001-UP
D350E	2XW00001-UP
D400D	2JJ00001-UP
D400D	8TF00001-UP
D400E	2YR00001-UP
D400E	8PS00001-UP
D400E	APF00001-00327
D40D	2JJ00001-UP
D40D	8TF00001-UP
D40D & D400D	2JJ00001-UP
D40D & D400D	8TF00001-UP

TRUCKS

SERIAL NO.

	92U02701-14042
	92U14043-29990
	92U29991-UP
	92U00001-02700
	3ZJ00001-16181
	3ZJ16182-60112
	3ZJ60113-UP
	4MG00001-03599
	7FB00001-UP
	3ZJ00001-16181
	3ZJ16182-60112
	3ZJ60113-UP
	5KJ00001-07799
	5KJ07800-UP
	8PN00001-08867
	8PN11785-UP
	8PN08868-11784

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON BODY ASSY	PISTON CROWN	PISTON SKIRT	CYLINDER LINER	PISTON PIN	PISTON RING SET	INDIVIDUAL PISTON RINGS	LINER SEAL KIT
KM0016	101-0016			197-9322	168-7246	1W8922		160-9874
KM0292	7E0292			197-9322	168-7246	1W8922		160-9874
KM0539	7E0539			197-9322	8N1608	1W8922		160-9874
KM1131	160-1131			197-9322	8N1608	1W8922		160-9874
KM2208	192-2208			197-9322	173-0148		177-7496+187-1507+192-8807	160-9874
KM2716	108-2716			197-9322	102-9796	1W8922		160-9874
KM2837		135-2837	128-2830	197-9322	7E1749	1W8922		160-9874
KM2888		7C2888	128-2380	197-9322	7E1749	1W8922		160-9874
KM3116	9Y3116			197-9322	8N1608	1W8922		160-9874
KM3405	9Y7212			197-9322	8N1608	1W8922		160-9874
KM3406	7N3633			197-9322	7N9807	8N0822		160-9874
KM3407	9Y4004			197-9322	8N1608	1W8922		160-9874
KM3408	7N3509			197-9322	7N9806	8N0822		160-9874
KM3410	6N4126			197-9322	7N9807	8N0822		160-9874
KM3412	9Y9889			197-9322	8N1608	1W8922		160-9874
KM4080	6N4080			197-9322	7N9806	8N0822		160-9874
KM4540		168-4540	130-0241	197-9322	168-7246		134-3761+164-4187+172-3284	160-9874
KM5063	117-5063			197-9322	102-9796		1W8922	160-9874
KM5566		149-5566	130-0241	197-9322	7E1749		134-3761+144-5902+7N7078	160-9874
KM8154	116-8154			197-9322	8N1608	1W8922		160-9874
KM8656	7E8656			197-9322	8N1608	1W8922		160-9874
KM8700	7E8700			197-9322	8N1608	1W8922		160-9874

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP101-0016.EOK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 101-0016 PISTON	KM0016	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP101-0016.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 101-0016 PISTON	KM0016	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP101-0016.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 101-0016 PISTON	KM0016	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRING 4N5906

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP101-0016.EOK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 101-0016 PISTON	KM0016	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP101-0016.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 101-0016 PISTON	KM0016	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP101-0016.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 101-0016 PISTON	KM0016	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRINGS 4W2471 AND 4W2472

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ENGINE OVERHAUL KIT: KMP101-0016.EOK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 101-0016 PISTON	KM0016	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP101-0016.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 101-0016 PISTON	KM0016	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP101-0016.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 101-0016 PISTON	KM0016	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRING 4N5906

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Engine Kit Programme**CAT 3406 ENGINE****ENGINE OVERHAUL KIT: KMP101-0016.EOK-6D**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 101-0016 PISTON	KM0016	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP101-0016.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 101-0016 PISTON	KM0016	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP101-0016.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 101-0016 PISTON	KM0016	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRINGS 4W2471 AND 4W2472

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ENGINE OVERHAUL KIT: KMP108-2716.EOK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 108-2716 PISTON	KM2716	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	6I2726	6
CAMSHAFT BUSHING	216-5582	7
VALVE, INLET	153-7023	12
VALVE, EXHAUST	153-7024	12
VALVE GUIDE	122-7375	24
VALVE LOCK	2A4429	48
VALVE SPRING, INLET & EXH.	102-7665	24
VALVE INSERT, INLET	175-3617	12
VALVE INSERT, EXHAUST	152-7582	12
GASKET KIT UPPER	KMP-3406E-K1	1
GASKET KIT LOWER	KMP-3406E-K2	1

OUT-OF-FRAME KIT: KMP108-2716.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 108-2716 PISTON	KM2716	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406E-K1	1
GASKET KIT LOWER	KMP-3406E-K2	1

IN-FRAME KIT: KMP108-2716.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 108-2716 PISTON	KM2716	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406E-K1	1
OIL PAN GASKET	4N1151	2

NOTE: S/NO. 5EK ONLY

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Engine Kit Programme**CAT 3406 ENGINE****ENGINE OVERHAUL KIT: KMP116-8154.EOK-6A**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 116-8154 PISTON	KM8154	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP116-8154.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 116-8154 PISTON	KM8154	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP116-8154.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 116-8154 PISTON	KM8154	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRING 4N5906**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP116-8154.EOK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 116-8154 PISTON	KM8154	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP116-8154.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 116-8154 PISTON	KM8154	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP116-8154.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 116-8154 PISTON	KM8154	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRINGS 4W2471 AND 4W2472

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ENGINE OVERHAUL KIT: KMP116-8154.EOK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 116-8154 PISTON	KM8154	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP116-8154.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 116-8154 PISTON	KM8154	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP116-8154.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 116-8154 PISTON	KM8154	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRING 4N5906

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ENGINE OVERHAUL KIT: KMP116-8154.EOK-6D

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 116-8154 PISTON	KM8154	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP116-8154.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 116-8154 PISTON	KM8154	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP116-8154.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 116-8154 PISTON	KM8154	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRINGS 4W2471 AND 4W2472

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP117-5063.EOK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 117-5063 PISTON	KM5063	6
MAIN BEARING STD	317-8766	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	6I2726	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	122-7374	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	6
VALVE INSERT, INLET	115-2358	6
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406C-K1	1
GASKET KIT LOWER	KMP-3406C-K2	1

OUT-OF-FRAME KIT: KMP117-5063.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 117-5063 PISTON	KM5063	6
MAIN BEARING STD	317-8766	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406C-K1	1
GASKET KIT LOWER	KMP-3406C-K2	1

IN-FRAME KIT: KMP117-5063.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 117-5063 PISTON	KM5063	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406C-K1	1
OIL PAN GASKET	4N1151	2

NOTE: VALVE SPRINGS 4W2471 AND 4W2472

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP117-5063.EOK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 117-5063 PISTON	KM5063	6
MAIN BEARING STD	317-8766	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	6I2726	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	122-7374	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER INLET	4W2471	12
VALVE SPRING, OUTER EXHAUST	9Y3326	12
VALVE SPRING, INNER INLET	4W2472	12
VALVE SPRING, INNER EXHAUST	9Y3327	12
VALVE INSERT, INLET	4N5893	6
VALVE INSERT, INLET	115-2358	6
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406C-K1	1
GASKET KIT LOWER	KMP-3406C-K2	1

OUT-OF-FRAME KIT: KMP117-5063.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 117-5063 PISTON	KM5063	6
MAIN BEARING STD	317-8766	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406C-K1	1
GASKET KIT LOWER	KMP-3406C-K2	1

IN-FRAME KIT: KMP117-5063.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 117-5063 PISTON	KM5063	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406C-K1	1
OIL PAN GASKET	4N1151	2

NOTE: VALVE SPRINGS 4W2471, 9Y3326, 4W2472 AND 9Y3327

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ENGINE OVERHAUL KIT: KMP135-2837.EOK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-2837 CROWN	KM2837	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	6I2726	6
CAMSHAFT BUSHING	216-5582	7
VALVE, INLET	153-7023	12
VALVE, EXHAUST	153-7024	12
VALVE GUIDE	122-7375	24
VALVE LOCK	2A4429	48
VALVE SPRING, INLET & EXH.	102-7665	24
VALVE INSERT, INLET	175-3617	12
VALVE INSERT, EXHAUST	152-7582	12
GASKET KIT UPPER	KMP-3406E-K1	1
GASKET KIT LOWER	KMP-3406E-K2	1

OUT-OF-FRAME KIT: KMP135-2837.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-2837 CROWN	KM2837	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406E-K1	1
GASKET KIT LOWER	KMP-3406E-K2	1

IN-FRAME KIT: KMP135-2837.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 135-2837 CROWN	KM2837	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406E-K1	1
OIL PAN GASKET	4N1151	2

NOTE: S/NO. 5EK ONLY

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP149-5566.EOK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 149-5566 CROWN	KM5566	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	6I2726	6
CAMSHAFT BUSHING	216-5582	7
VALVE, INLET	153-7023	12
VALVE, EXHAUST	153-7024	12
VALVE GUIDE	122-7375	24
VALVE LOCK	2A4429	48
VALVE SPRING, INLET & EXH.	102-7665	24
VALVE INSERT, INLET	175-3617	12
VALVE INSERT, EXHAUST	152-7582	12
GASKET KIT UPPER	KMP-3406E-K1	1
GASKET KIT LOWER	KMP-3406E-K2	1

OUT-OF-FRAME KIT: KMP149-5566.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 149-5566 CROWN	KM5566	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406E-K1	1
GASKET KIT LOWER	KMP-3406E-K2	1

IN-FRAME KIT: KMP149-5566.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 149-5566 CROWN	KM5566	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406E-K1	1
OIL PAN GASKET	4N1151	2

NOTE: S/NOS. 5EK, 6YS, 6BR, 9NN

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP160-1131.EOK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 160-1131 PISTON	KM1131	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP160-1131.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 160-1131 PISTON	KM1131	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP160-1131.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 160-1131 PISTON	KM1131	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRING 4N5906

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ENGINE OVERHAUL KIT: KMP160-1131.EOK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 160-1131 PISTON	KM1131	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP160-1131.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 160-1131 PISTON	KM1131	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP160-1131.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 160-1131 PISTON	KM1131	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRINGS 4W2471 AND 4W2472

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP160-1131.EOK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 160-1131 PISTON	KM1131	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP160-1131.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 160-1131 PISTON	KM1131	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP160-1131.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 160-1131 PISTON	KM1131	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRING 4N5906

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ENGINE OVERHAUL KIT: KMP160-1131.EOK-6D

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 160-1131 PISTON	KM1131	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP160-1131.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 160-1131 PISTON	KM1131	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP160-1131.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 160-1131 PISTON	KM1131	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRINGS 4W2471 AND 4W2472

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ENGINE OVERHAUL KIT: KMP168-4540.EOK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 168-4540 CROWN	KM4540	6
MAIN BEARING STD	317-8766	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	6I2726	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	122-7374	24
VALVE LOCK	2A4429	48
VALVE SPRING, INLET & EXH. INNER	4W2472	12
VALVE SPRING, INLET & EXH. OUTER	4W2473	12
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406C-K1	1
GASKET KIT LOWER	KMP-3406C-K2	1

OUT-OF-FRAME KIT: KMP168-4540.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 168-4540 CROWN	KM4540	6
MAIN BEARING STD	317-8766	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406C-K1	1
GASKET KIT LOWER	KMP-3406C-K2	1

IN-FRAME KIT: KMP168-4540.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 168-4540 CROWN	KM4540	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406C-K1	1
OIL PAN GASKET	4N1151	2

NOTE: S/NO. 41Z ONLY

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ENGINE OVERHAUL KIT: KMP6N4080.EOK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4080 PISTON	KM4080	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	8N0705	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP6N4080.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4080 PISTON	KM4080	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP6N4080.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4080 PISTON	KM4080	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: VALVE SPRING 4N5906

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP6N4080.EOK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4080 PISTON	KM4080	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	8N0705	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP6N4080.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4080 PISTON	KM4080	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP6N4080.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4080 PISTON	KM4080	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: VALVE SPRINGS 4W2471 AND 4W2472

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP6N4126.EOK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4126 PISTON	KM3410	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	8N0705	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP6N4126.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4126 PISTON	KM3410	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP6N4126.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4126 PISTON	KM3410	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP7C2888.EOK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C2888 CROWN	KM2888	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	6I2726	6
CAMSHAFT BUSHING	216-5582	7
VALVE, INLET	153-7023	12
VALVE, EXHAUST	153-7024	12
VALVE GUIDE	122-7375	24
VALVE LOCK	2A4429	48
VALVE SPRING, INLET & EXH.	102-7665	24
VALVE INSERT, INLET	175-3617	12
VALVE INSERT, EXHAUST	152-7582	12
GASKET KIT UPPER	KMP-3406E-K1	1
GASKET KIT LOWER	KMP-3406E-K2	1

OUT-OF-FRAME KIT: KMP7C2888.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C2888 CROWN	KM2888	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406E-K1	1
GASKET KIT LOWER	KMP-3406E-K2	1

IN-FRAME KIT: KMP7C2888.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C2888 CROWN	KM2888	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406E-K1	1
OIL PAN GASKET	4N1151	2

NOTE: S/NO. 5EK ONLY

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP7E0292.EOK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0292 PISTON	KM0292	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP7E0292.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0292 PISTON	KM0292	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP7E0292.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0292 PISTON	KM0292	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRING 4N5906

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP7E0292.EOK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0292 PISTON	KM0292	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP7E0292.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0292 PISTON	KM0292	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP7E0292.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0292 PISTON	KM0292	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRINGS 4W2471 AND 4W2472

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP7E0292.EOK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0292 PISTON	KM0292	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP7E0292.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0292 PISTON	KM0292	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP7E0292.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0292 PISTON	KM0292	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRING 4N5906

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP7E0292.EOK-6D

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0292 PISTON	KM0292	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP7E0292.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0292 PISTON	KM0292	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP7E0292.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0292 PISTON	KM0292	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRINGS 4W2471 AND 4W2472

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP7E0539.EOK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0539 PISTON	KM0539	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP7E0539.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0539 PISTON	KM0539	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP7E0539.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0539 PISTON	KM0539	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRING 4N5906

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP7E0539.EOK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0539 PISTON	KM0539	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP7E0539.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0539 PISTON	KM0539	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP7E0539.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0539 PISTON	KM0539	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRINGS 4W2471 AND 4W2472

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP7E0539.EOK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0539 PISTON	KM0539	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP7E0539.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0539 PISTON	KM0539	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP7E0539.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0539 PISTON	KM0539	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRING 4N5906

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP7E0539.EOK-6D

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0539 PISTON	KM0539	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP7E0539.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0539 PISTON	KM0539	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP7E0539.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E0539 PISTON	KM0539	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRINGS 4W2471 AND 4W2472

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP7E8656.EOK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8656 PISTON	KM8656	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP7E8656.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8656 PISTON	KM8656	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP7E8656.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8656 PISTON	KM8656	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRING 4N5906

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP7E8656.EOK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8656 PISTON	KM8656	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP7E8656.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8656 PISTON	KM8656	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP7E8656.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8656 PISTON	KM8656	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRINGS 4W2471 AND 4W2472

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP7E8656.EOK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8656 PISTON	KM8656	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP7E8656.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8656 PISTON	KM8656	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP7E8656.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8656 PISTON	KM8656	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRING 4N5906

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP7E8656.EOK-6D

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8656 PISTON	KM8656	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP7E8656.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8656 PISTON	KM8656	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP7E8656.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8656 PISTON	KM8656	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRINGS 4W2471 AND 4W2472

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP7E8700.EOK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8700 PISTON	KM8700	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP7E8700.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8700 PISTON	KM8700	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP7E8700.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8700 PISTON	KM8700	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRING 4N5906

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP7E8700.EOK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8700 PISTON	KM8700	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP7E8700.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8700 PISTON	KM8700	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP7E8700.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8700 PISTON	KM8700	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRINGS 4W2471 AND 4W2472

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP7E8700.EOK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8700 PISTON	KM8700	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP7E8700.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8700 PISTON	KM8700	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP7E8700.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8700 PISTON	KM8700	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRING 4N5906

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Engine Kit Programme**CAT 3406 ENGINE****ENGINE OVERHAUL KIT: KMP7E8700.EOK-6D**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8700 PISTON	KM8700	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP7E8700.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8700 PISTON	KM8700	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP7E8700.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7E8700 PISTON	KM8700	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRINGS 4W2471 AND 4W2472

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP7N3509.EOK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7N3509 PISTON	KM3408	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	8N0706	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP7N3509.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7N3509 PISTON	KM3408	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP7N3509.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7N3509 PISTON	KM3408	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: VALVE SPRING 4N5906

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP7N3509.EOK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7N3509 PISTON	KM3408	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	8N0706	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP7N3509.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7N3509 PISTON	KM3408	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP7N3509.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7N3509 PISTON	KM3408	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: VALVE SPRINGS 4W2471 AND 4W2472

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP7N3633.EOK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7N3633 PISTON	KM3406	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	8N0706	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP7N3633.OFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7N3633 PISTON	KM3406	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP7N3633.IFK-6

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7N3633 PISTON	KM3406	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP9Y3116.EOK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y3116 PISTON	KM3116	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP9Y3116.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y3116 PISTON	KM3116	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP9Y3116.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y3116 PISTON	KM3116	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRING 4N5906

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP9Y3116.EOK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y3116 PISTON	KM3116	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP9Y3116.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y3116 PISTON	KM3116	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP9Y3116.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y3116 PISTON	KM3116	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRINGS 4W2471 AND 4W2472

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP9Y3116.EOK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y3116 PISTON	KM3116	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP9Y3116.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y3116 PISTON	KM3116	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP9Y3116.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y3116 PISTON	KM3116	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRING 4N5906

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP9Y3116.EOK-6D

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y3116 PISTON	KM3116	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP9Y3116.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y3116 PISTON	KM3116	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP9Y3116.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y3116 PISTON	KM3116	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRINGS 4W2471 AND 4W2472

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP9Y4004.EOK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4004 PISTON	KM3407	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP9Y4004.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4004 PISTON	KM3407	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP9Y4004.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4004 PISTON	KM3407	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRING 4N5906

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP9Y4004.EOK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4004 PISTON	KM3407	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP9Y4004.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4004 PISTON	KM3407	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP9Y4004.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4004 PISTON	KM3407	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRINGS 4W2471 AND 4W2472

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP9Y4004.EOK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4004 PISTON	KM3407	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP9Y4004.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4004 PISTON	KM3407	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP9Y4004.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4004 PISTON	KM3407	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRING 4N5906

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP9Y4004.EOK-6D

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4004 PISTON	KM3407	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP9Y4004.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4004 PISTON	KM3407	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP9Y4004.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4004 PISTON	KM3407	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRINGS 4W2471 AND 4W2472

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP9Y7212.EOK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y7212 PISTON	KM3405	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP9Y7212.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y7212 PISTON	KM3405	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP9Y7212.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y7212 PISTON	KM3405	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRING 4N5906

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP9Y7212.EOK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y7212 PISTON	KM3405	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP9Y7212.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y7212 PISTON	KM3405	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP9Y7212.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y7212 PISTON	KM3405	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRINGS 4W2471 AND 4W2472

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP9Y7212.EOK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y7212 PISTON	KM3405	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP9Y7212.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y7212 PISTON	KM3405	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP9Y7212.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y7212 PISTON	KM3405	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRING 4N5906

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP9Y7212.EOK-6D

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y7212 PISTON	KM3405	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP9Y7212.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y7212 PISTON	KM3405	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP9Y7212.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y7212 PISTON	KM3405	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRINGS 4W2471 AND 4W2472

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Engine Kit Programme**CAT 3406 ENGINE****ENGINE OVERHAUL KIT: KMP9Y9889.EOK-6A**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y9889 PISTON	KM3412	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP9Y9889.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y9889 PISTON	KM3412	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP9Y9889.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y9889 PISTON	KM3412	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRING 4N5906**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP9Y9889.EOK-6B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y9889 PISTON	KM3412	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP9Y9889.OFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y9889 PISTON	KM3412	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP9Y9889.IFK-6A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y9889 PISTON	KM3412	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y7735. VALVE SPRINGS 4W2471 AND 4W2472

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CAT 3406 ENGINE**ENGINE OVERHAUL KIT: KMP9Y9889.EOK-6C**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y9889 PISTON	KM3412	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER & OUTER	4N5906	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP9Y9889.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y9889 PISTON	KM3412	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP9Y9889.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y9889 PISTON	KM3412	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRING 4N5906**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3406 ENGINE

ENGINE OVERHAUL KIT: KMP9Y9889.EOK-6D

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y9889 PISTON	KM3412	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
CONROD BUSHING	4P8495	6
CAMSHAFT BUSHING	4N6658	1
CAMSHAFT BUSHING	4N0685	6
VALVE, INLET	115-2368	12
VALVE, EXHAUST	115-2367	12
VALVE GUIDE	173-7188	24
VALVE LOCK	2A4429	48
VALVE SPRING, OUTER	4W2471	24
VALVE SPRING, INNER	4W2472	24
VALVE INSERT, INLET	4N5893	12
VALVE INSERT, EXHAUST	1W5283	12
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

OUT-OF-FRAME KIT: KMP9Y9889.OFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y9889 PISTON	KM3412	6
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
GASKET KIT LOWER	KMP-3406-K2	1

IN-FRAME KIT: KMP9Y9889.IFK-6C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y9889 PISTON	KM3412	6
CONROD BEARING STD	9Y9497	6
GASKET KIT UPPER	KMP-3406-K1	1
OIL PAN GASKET	4N1151	1

NOTE: CONROD BRG 9Y9497. VALVE SPRINGS 4W2471 AND 4W2472

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CAT 3408 ENGINE - APPLICATIONS

WHEEL
TRACTORS/SCRAPERS

SERIAL NO.

631D	24W00001-UP
631E	1AB00001-01445
631E	1AB01446-01639
631E	1NB00001-00871
631E	3ND00001-00522
631E	1AB00001-01445
631E	1AB01446-01639
631E	1NB00872-01389
631E	3ND00523-UP
631E	1AB01640-UP
631E	1NB01390-UP
631G	AWK00001-UP
631G	CLR00001-UP
633D	25W00001-UP
633E	2PS00001-UP
637D	26W00001-UP
637D	27W00001-UP
637D	71W00001-UP
637E	1FB00001-00531
637E	1FB00532-00659
637E	1JB00001-UP
637E	1FB00660-UP
637G	AXT00001-UP
637G	CEH00001-UP
639D	99X00001-UP
657E	6MB00001-UP
657E	86Z00001-UP
657E	87Z00001-UP
657E	6MB00001-UP
657E	6PRO0001-UP
657E	7KR00001-UP
834B	7BR00001-00737
834B	92Z00001-UP
834B	7BR00001-00737

TRACTORS

SERIAL NO.

768C	02X00001-00349
768C	02X00350-00399
768C	02X00400-UP
637E	1FB00001-00531
637E	1FB00532-00659
637E	1JB00001-UP
631E	1NB00872-01389
631D	24W00001-UP
633D	25W00001-UP
637D	26W00001-UP
637D	27W00001-UP
D8L	4FB00001-UP
D8L	53Y00001-UP
D9N	6XJ00001-UP
637D	71W00001-UP
834B	7BR00001-00737
D9R	7TL00001-00556
D9R	7TL00557-00851
D9R	7TL00852-UP
D9R	8BL00001-00829
D9R	8BL00830-01052
D9R	8BL01053-UP
834B	92Z00001-UP
639D	99X00001-UP
D9R	ABK00001-UP
D9R	ACL00001-UP
D9R	1JB00001-UP
D9R	WDM00001-UP
D8L	7JC00001-UP
D8L	7YB00001-01572
D8L	7YB01573-UP
D8L	4FB00001-UP
D8L	53Y00001-UP
D9R	7TL00557-00851
D9R	7TL00852-UP
D9R	8BL00830-01052
D9R	8BL01053-UP

TRUCKS

SERIAL NO.

768C	02X00001-00349
768C	02X00350-00399
768C	02X00400-UP
769C	01X00001-02876
769C	01X02877-05473
769C	01X05474-06599
769C	01X06600-UP
769D	BBB00001-UP
769D	5TR00505-UP
771C	3BJ00001-00199
771C	3BJ00200-UP
771D	8CA00001-UP
771D	6JR00001-00134
771D	6YS00001-UP

INDUSTRIAL APPLICATIONS

SERIAL NO.

	67U00001-UP
	67U02792-11091
	67U11092-UP

WHEEL LOADERS

SERIAL NO.

988B	50W00001-06040
988B	50W06041-UP
988F	8YG00001-01471
988F	2ZR00001-02466

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON BODY ASSY	CYLINDER LINER	PISTON PIN	PISTON RING SET	INDIVIDUAL PISTON RINGS	LINER SEAL KIT
KM2208	192-2208	197-9322	173-0148		177-7496+187-1507+192-8807	160-9874
KM2209	192-2209	197-9322	173-0148		177-7496+187-1507+192-8807	160-9874
KM3280	172-3280	197-9322	8N1608	1W8922		160-9874
KM3405	9Y7212B	197-9322	8N1608	1W8922		160-9874
KM3406	7N3633	197-9322	7N9807	8N0822		160-9874
KM3409	7N3511	197-9322	7N9806	8N0822		160-9874
KM3410	6N4126	197-9322	7N9807	8N0822		160-9874
KM4785	6N4785	197-9322	7N9806	8N0822		160-9874

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CAT 3408 ENGINE

ENGINE OVERHAUL KIT: KMP172-3280.EOK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 172-3280 PISTON	KM3280	8
MAIN BEARING STD	217-0390	5
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	8
CONROD BUSHING	4P8495	8
CAMSHAFT BUSHING	4N6658	2
CAMSHAFT BUSHING	4N0685	3
VALVE, INLET	122-0322	16
VALVE, EXHAUST	122-0321	16
VALVE GUIDE	173-7188	32
VALVE LOCK	2A4429	64
VALVE SPRING, INNER & OUTER	4N5906	32
VALVE INSERT, INLET	4N5893	16
VALVE INSERT, EXHAUST	1W5283	16
GASKET KIT UPPER	KMP-3408-K1	1
GASKET KIT LOWER	KMP-3408-K2	1

OUT-OF-FRAME KIT: KMP172-3280.OFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 172-3280 PISTON	KM3280	8
MAIN BEARING STD	217-0390	5
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	8
GASKET KIT UPPER	KMP-3408-K1	1
GASKET KIT LOWER	KMP-3408-K2	1

IN-FRAME KIT: KMP172-3280.IFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 172-3280 PISTON	KM3280	8
CONROD BEARING STD	9Y9497	8
GASKET KIT UPPER	KMP-3408-K1	1
OIL PAN GASKET	4N1151	1

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CAT 3408 ENGINE**ENGINE OVERHAUL KIT: KMP192-2208.EOK-8**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 192-2208 PISTON	KM2208	8
MAIN BEARING STD	217-0390	5
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	8
CONROD BUSHING	4P8495	8
CAMSHAFT BUSHING	4N6658	2
CAMSHAFT BUSHING	4N0685	3
VALVE, INLET	122-0322	16
VALVE, EXHAUST	122-0321	16
VALVE GUIDE	173-7188	32
VALVE LOCK	2A4429	64
VALVE SPRING, INNER & OUTER	4N5906	32
VALVE INSERT, INLET	4N5893	16
VALVE INSERT, EXHAUST	1W5283	16
GASKET KIT UPPER	KMP-3408-K1	1
GASKET KIT LOWER	KMP-3408-K2	1

OUT-OF-FRAME KIT: KMP192-2208.OFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 192-2208 PISTON	KM2208	8
MAIN BEARING STD	217-0390	5
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	8
GASKET KIT UPPER	KMP-3408-K1	1
GASKET KIT LOWER	KMP-3408-K2	1

IN-FRAME KIT: KMP192-2208.IFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 192-2208 PISTON	KM2208	8
CONROD BEARING STD	9Y9497	8
GASKET KIT UPPER	KMP-3408-K1	1
OIL PAN GASKET	4N1151	1

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CAT 3408 ENGINE

ENGINE OVERHAUL KIT: KMP6N4126.EOK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4126 PISTON	KM3410	8
MAIN BEARING STD	217-0390	5
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	8
CONROD BUSHING	8N0705	8
CAMSHAFT BUSHING	4N6658	2
CAMSHAFT BUSHING	4N0685	3
VALVE, INLET	115-2368	16
VALVE, EXHAUST	115-2367	16
VALVE GUIDE	173-7188	32
VALVE LOCK	2A4429	64
VALVE SPRING, INNER & OUTER	4N5906	32
VALVE INSERT, INLET	4N5893	16
VALVE INSERT, EXHAUST	1W5283	16
GASKET KIT UPPER	KMP-3408-K1	1
GASKET KIT LOWER	KMP-3408-K2	1

OUT-OF-FRAME KIT: KMP6N4126.OFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4126 PISTON	KM3410	8
MAIN BEARING STD	217-0390	5
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	8
GASKET KIT UPPER	KMP-3408-K1	1
GASKET KIT LOWER	KMP-3408-K2	1

IN-FRAME KIT: KMP6N4126.IFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4126 PISTON	KM3410	8
CONROD BEARING STD	9Y9497	8
GASKET KIT UPPER	KMP-3408-K1	1
OIL PAN GASKET	4N1151	1

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Engine Kit Programme**CAT 3408 ENGINE****ENGINE OVERHAUL KIT: KMP6N4785.EOK-8**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4785 PISTON	KM4785	8
MAIN BEARING STD	217-0390	5
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	8
CONROD BUSHING	8N0705	8
CAMSHAFT BUSHING	4N6658	2
CAMSHAFT BUSHING	4N0685	3
VALVE, INLET	115-2368	16
VALVE, EXHAUST	115-2367	16
VALVE GUIDE	173-7188	32
VALVE LOCK	2A4429	64
VALVE SPRING, INNER & OUTER	4N5906	32
VALVE INSERT, INLET	4N5893	16
VALVE INSERT, EXHAUST	1W5283	16
GASKET KIT UPPER	KMP-3408-K1	1
GASKET KIT LOWER	KMP-3408-K2	1

OUT-OF-FRAME KIT: KMP6N4785.OFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4785 PISTON	KM4785	8
MAIN BEARING STD	217-0390	5
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	8
GASKET KIT UPPER	KMP-3408-K1	1
GASKET KIT LOWER	KMP-3408-K2	1

IN-FRAME KIT: KMP6N4785.IFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4785 PISTON	KM4785	8
CONROD BEARING STD	9Y9497	8
GASKET KIT UPPER	KMP-3408-K1	1
OIL PAN GASKET	4N1151	1

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ENGINE OVERHAUL KIT: KMP7N3511.EOK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7N3511 PISTON	KM3409	8
MAIN BEARING STD	217-0390	5
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	8
CONROD BUSHING	8N0706	8
CAMSHAFT BUSHING	4N6658	2
CAMSHAFT BUSHING	4N0685	3
VALVE, INLET	115-2368	16
VALVE, EXHAUST	115-2367	16
VALVE GUIDE	173-7188	32
VALVE LOCK	2A4429	64
VALVE SPRING, INNER & OUTER	4N5906	32
VALVE INSERT, INLET	4N5893	16
VALVE INSERT, EXHAUST	1W5283	16
GASKET KIT UPPER	KMP-3408-K1	1
GASKET KIT LOWER	KMP-3408-K2	1

OUT-OF-FRAME KIT: KMP7N3511.OFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7N3511 PISTON	KM3409	8
MAIN BEARING STD	217-0390	5
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	8
GASKET KIT UPPER	KMP-3408-K1	1
GASKET KIT LOWER	KMP-3408-K2	1

IN-FRAME KIT: KMP7N3511.IFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7N3511 PISTON	KM3409	8
CONROD BEARING STD	9Y9497	8
GASKET KIT UPPER	KMP-3408-K1	1
OIL PAN GASKET	4N1151	1

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CAT 3408 ENGINE**ENGINE OVERHAUL KIT: KMP7N3633.EOK-8**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7N3633 PISTON	KM3406	8
MAIN BEARING STD	217-0390	5
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	8
CONROD BUSHING	8N0706	8
CAMSHAFT BUSHING	4N6658	2
CAMSHAFT BUSHING	4N0685	3
VALVE, INLET	115-2368	16
VALVE, EXHAUST	115-2367	16
VALVE GUIDE	173-7188	32
VALVE LOCK	2A4429	64
VALVE SPRING, INNER & OUTER	4N5906	32
VALVE INSERT, INLET	4N5893	16
VALVE INSERT, EXHAUST	1W5283	16
GASKET KIT UPPER	KMP-3408-K1	1
GASKET KIT LOWER	KMP-3408-K2	1

OUT-OF-FRAME KIT: KMP7N3633.OFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7N3633 PISTON	KM3406	8
MAIN BEARING STD	217-0390	5
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	8
GASKET KIT UPPER	KMP-3408-K1	1
GASKET KIT LOWER	KMP-3408-K2	1

IN-FRAME KIT: KMP7N3633.IFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7N3633 PISTON	KM3406	8
CONROD BEARING STD	9Y7735	8
GASKET KIT UPPER	KMP-3408-K1	1
OIL PAN GASKET	4N1151	1

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ENGINE OVERHAUL KIT: KMP9Y7212.EOK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y7212 PISTON	KM3405	8
MAIN BEARING STD	217-0390	5
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	8
CONROD BUSHING	4P8495	8
CAMSHAFT BUSHING	4N6658	2
CAMSHAFT BUSHING	4N0685	3
VALVE, INLET	115-2368	16
VALVE, EXHAUST	115-2367	16
VALVE GUIDE	173-7188	32
VALVE LOCK	2A4429	64
VALVE SPRING, INNER & OUTER	4N5906	32
VALVE INSERT, INLET	4N5893	16
VALVE INSERT, EXHAUST	1W5283	16
GASKET KIT UPPER	KMP-3408-K1	1
GASKET KIT LOWER	KMP-3408-K2	1

OUT-OF-FRAME KIT: KMP9Y7212.OFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y7212 PISTON	KM3405	8
MAIN BEARING STD	217-0390	5
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	8
GASKET KIT UPPER	KMP-3408-K1	1
GASKET KIT LOWER	KMP-3408-K2	1

IN-FRAME KIT: KMP9Y7212.IFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y7212 PISTON	KM3405	8
CONROD BEARING STD	9Y9497	8
GASKET KIT UPPER	KMP-3408-K1	1
OIL PAN GASKET	4N1151	1

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ENGINE OVERHAUL KIT: KMP192-2208.EOK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 192-2208 PISTON	KM2208	8
MAIN BEARING STD	317-8766	5
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	328-5574	8
CONROD BUSHING	4P8495	8
CAMSHAFT BUSHING	4N6658	2
CAMSHAFT BUSHING	4N0685	3
VALVE, INLET	122-0322	16
VALVE, EXHAUST	122-0321	16
VALVE GUIDE - INLET & EXH.	173-7188	32
VALVE LOCK	2A4429	64
VALVE SPRING, INLET & EXH.	4N5906	32
VALVE INSERT, INLET	4N5893	16
VALVE INSERT, EXHAUST	1W5283	16
GASKET KIT UPPER	KMP-3408E-K1	1
GASKET KIT LOWER	KMP-3408E-K2	1

OUT-OF-FRAME KIT: KMP192-2208.OFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 192-2208 PISTON	KM2208	8
MAIN BEARING STD	317-8766	5
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	328-5574	8
GASKET KIT UPPER	KMP-3408E-K1	1
GASKET KIT LOWER	KMP-3408E-K2	1

IN-FRAME KIT: KMP192-2208.IFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 192-2208 PISTON	KM2208	8
CONROD BEARING STD	328-5574	8
GASKET KIT UPPER	KMP-3408E-K1	1
OIL PAN GASKET	4N1151	1

NOTE: S/N 99C6725-99999

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CAT 3408 ENGINE

ENGINE OVERHAUL KIT: KMP192-2209.EOK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 192-2209 PISTON	KM2209	8
MAIN BEARING STD	317-8766	5
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	328-5574	8
CONROD BUSHING	4P8495	8
CAMSHAFT BUSHING	4N6658	2
CAMSHAFT BUSHING	4N0685	3
VALVE, INLET	122-0322	16
VALVE, EXHAUST	122-0321	16
VALVE GUIDE - INLET & EXH.	173-7188	32
VALVE LOCK	2A4429	64
VALVE SPRING, INLET & EXH.	4N5906	32
VALVE INSERT, INLET	4N5893	16
VALVE INSERT, EXHAUST	1W5283	16
GASKET KIT UPPER	KMP-3408E-K1	1
GASKET KIT LOWER	KMP-3408E-K2	1

OUT-OF-FRAME KIT: KMP192-2209.OFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 192-2209 PISTON	KM2209	8
MAIN BEARING STD	317-8766	5
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	328-5574	8
GASKET KIT UPPER	KMP-3408E-K1	1
GASKET KIT LOWER	KMP-3408E-K2	1

IN-FRAME KIT: KMP192-2209.IFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 192-2209 PISTON	KM2209	8
CONROD BEARING STD	328-5574	8
GASKET KIT UPPER	KMP-3408E-K1	1
OIL PAN GASKET	4N1151	1

NOTE: S/N 5XD1-UP

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CAT 3412 ENGINE

EXCAVATORS

SERIAL NO.

5110B	AAA00001-UP
5110B	AAK00001-UP
5110B	AAT00001-UP

MOTOR GRADERS

SERIAL NO.

7KK00001-UP

WHEEL LOADERS

SERIAL NO.

990	7HK00001-00253
990	BCR00001-00321
990	4FR00001-00641
992C	42X00001-UP
992C	49Z00001-UP
992D	7MJ00001-UP

WHEEL TRACTORS/SCRAPERS

SERIAL NO.

844	BBN00001-00145
844	2KZ00001-00410
651E	4YR00001-UP
651E	89Z00001-UP
657E	5YR00001-UP
657E	6TR00001-UP

TRACTORS

SERIAL NO.

D9L	14Y00001-UP
D10N	2YD00001-UP
D10N	2YD00001-UP
D10R	3KR00001-UP
D10R	AKT00001-UP
657E	90Z00001-UP
657E	91Z00001-UP

INDUSTRIAL APPLICATIONS

SERIAL NO.

	38S00001-13235
	38S13236-16483
	38S16484-UP
	8AC00001-UP
	2YD00001-UP

MARINE APPLICATIONS

SERIAL NO.

	3JK00001-00145
	3JK00146-UP
	60M00001-05160
	60M05161-UP

TRUCKS

SERIAL NO.

772B	64W00001-00167
772B	64W00168-00299
772B	64W00300-UP
773B	63W00001-01220
773B	63W01221-03295
773B	63W03296-04199
773B	63W04200-UP
773D	7CS00001-UP
773D	7ER00001-00380
773D	7ER00381-UP
773E	BDA00001-UP
775B	7XJ00001-00199
775B	7XJ00200-UP
775D	6KR00001-00123
775D	6KR00124-UP
775D	8AS00001-UP
775E	BEC00001-UP

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON BODY ASSY	CYLINDER LINER	PISTON PIN	PISTON RING SET	INDIVIDUAL PISTON RINGS	LINER SEAL KIT
KM2208	192-2208	197-9322	173-0148		177-7496+187-1507+192-8807	160-9874
KM2209	192-2209	197-9322	173-0148		177-7496+187-1507+192-8807	160-9874
KM3280	172-3280	197-9322	8N1608	1W8922		160-9874
KM3405	9Y7212B	197-9322	8N1608	1W8922		160-9874
KM3406	7N3633	197-9322	7N9807	8N0822		160-9874
KM3409	7N3511	197-9322	7N9806	8N0822		160-9874
KM3410	6N4126	197-9322	7N9807	8N0822		160-9874
KM4785	6N4785	197-9322	7N9806	8N0822		160-9874

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CAT 3412 ENGINE

ENGINE OVERHAUL KIT: KMP172-3280.EOK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 172-3280 PISTON	KM3280	12
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	12
CONROD BUSHING	4P8495	12
CAMSHAFT BUSHING	4N6658	2
CAMSHAFT BUSHING	4N0685	5
VALVE, INLET	122-0322	24
VALVE, EXHAUST	122-0321	24
VALVE GUIDE	173-7188	48
VALVE LOCK	2A4429	96
VALVE SPRING, INNER & OUTER	4N5906	48
VALVE INSERT, INLET	4N5893	24
VALVE INSERT, EXHAUST	1W5283	24
GASKET KIT UPPER	KMP-3412-K1	1
GASKET KIT LOWER	KMP-3412-K2	1

OUT-OF-FRAME KIT: KMP172-3280.OFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 172-3280 PISTON	KM3280	12
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	12
GASKET KIT UPPER	KMP-3412-K1	1
GASKET KIT LOWER	KMP-3412-K2	1

IN-FRAME KIT: KMP172-3280.IFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 172-3280 PISTON	KM3280	12
CONROD BEARING STD	9Y9497	12
GASKET KIT UPPER	KMP-3412-K1	1
OIL PAN GASKET	4N1151	1

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CAT 3412 ENGINE

ENGINE OVERHAUL KIT: KMP174-6102.EOK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 174-6102 PISTON	KM2208	12
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	12
CONROD BUSHING	4P8495	12
CAMSHAFT BUSHING	4N6658	2
CAMSHAFT BUSHING	4N0685	5
VALVE, INLET	122-0322	24
VALVE, EXHAUST	122-0321	24
VALVE GUIDE	173-7188	48
VALVE LOCK	2A4429	96
VALVE SPRING, INNER & OUTER	4N5906	48
VALVE INSERT, INLET	4N5893	24
VALVE INSERT, EXHAUST	1W5283	24
GASKET KIT UPPER	KMP-3412-K1	1
GASKET KIT LOWER	KMP-3412-K2	1

OUT-OF-FRAME KIT: KMP174-6102.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 174-6102 PISTON	KM2208	12
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	12
GASKET KIT UPPER	KMP-3412-K1	1
GASKET KIT LOWER	KMP-3412-K2	1

IN-FRAME KIT: KMP174-6102.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 174-6102 PISTON	KM2208	12
CONROD BEARING STD	9Y9497	12
GASKET KIT UPPER	KMP-3412-K1	1
OIL PAN GASKET	4N1151	1

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CAT 3412 ENGINE

ENGINE OVERHAUL KIT: KMP6N4126.EOK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4126 PISTON	KM3410	12
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	12
CONROD BUSHING	8N0705	12
CAMSHAFT BUSHING	4N6658	2
CAMSHAFT BUSHING	4N0685	5
VALVE, INLET	115-2368	24
VALVE, EXHAUST	115-2367	24
VALVE GUIDE	173-7188	48
VALVE LOCK	2A4429	96
VALVE SPRING, INNER & OUTER	4N5906	48
VALVE INSERT, INLET	4N5893	24
VALVE INSERT, EXHAUST	1W5283	24
GASKET KIT UPPER	KMP-3412-K1	1
GASKET KIT LOWER	KMP-3412-K2	1

OUT-OF-FRAME KIT: KMP6N4126.OFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4126 PISTON	KM3410	12
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	12
GASKET KIT UPPER	KMP-3412-K1	1
GASKET KIT LOWER	KMP-3412-K2	1

IN-FRAME KIT: KMP6N4126.IFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4126 PISTON	KM3410	12
CONROD BEARING STD	9Y9497	12
GASKET KIT UPPER	KMP-3412-K1	1
OIL PAN GASKET	4N1151	1

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CAT 3412 ENGINE

ENGINE OVERHAUL KIT: KMP6N4785.EOK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4785 PISTON	KM4785	12
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	12
CONROD BUSHING	8N0705	12
CAMSHAFT BUSHING	4N6658	2
CAMSHAFT BUSHING	4N0685	5
VALVE, INLET	115-2368	24
VALVE, EXHAUST	115-2367	24
VALVE GUIDE	173-7188	48
VALVE LOCK	2A4429	96
VALVE SPRING, INNER & OUTER	4N5906	48
VALVE INSERT, INLET	4N5893	24
VALVE INSERT, EXHAUST	1W5283	24
GASKET KIT UPPER	KMP-3412-K1	1
GASKET KIT LOWER	KMP-3412-K2	1

OUT-OF-FRAME KIT: KMP6N4785.OFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4785 PISTON	KM4785	12
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	12
GASKET KIT UPPER	KMP-3412-K1	1
GASKET KIT LOWER	KMP-3412-K2	1

IN-FRAME KIT: KMP6N4785.IFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 6N4785 PISTON	KM4785	12
CONROD BEARING STD	9Y9497	12
GASKET KIT UPPER	KMP-3412-K1	1
OIL PAN GASKET	4N1151	1

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CAT 3412 ENGINE

ENGINE OVERHAUL KIT: KMP7N3511.EOK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7N3511 PISTON	KM3409	12
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	12
CONROD BUSHING	8N0706	12
CAMSHAFT BUSHING	4N6658	2
CAMSHAFT BUSHING	4N0685	5
VALVE, INLET	115-2368	24
VALVE, EXHAUST	115-2367	24
VALVE GUIDE	173-7188	48
VALVE LOCK	2A4429	96
VALVE SPRING, INNER & OUTER	4N5906	48
VALVE INSERT, INLET	4N5893	24
VALVE INSERT, EXHAUST	1W5283	24
GASKET KIT UPPER	KMP-3412-K1	1
GASKET KIT LOWER	KMP-3412-K2	1

OUT-OF-FRAME KIT: KMP7N3511.OFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7N3511 PISTON	KM3409	12
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	12
GASKET KIT UPPER	KMP-3412-K1	1
GASKET KIT LOWER	KMP-3412-K2	1

IN-FRAME KIT: KMP7N3511.IFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7N3511 PISTON	KM3409	12
CONROD BEARING STD	9Y9497	12
GASKET KIT UPPER	KMP-3412-K1	1
OIL PAN GASKET	4N1151	1

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Engine Kit Programme**CAT 3412 ENGINE****ENGINE OVERHAUL KIT: KMP7N3633.EOK-12**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7N3633 PISTON	KM3406	12
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	12
CONROD BUSHING	8N0706	12
CAMSHAFT BUSHING	4N6658	2
CAMSHAFT BUSHING	4N0685	5
VALVE, INLET	115-2368	24
VALVE, EXHAUST	115-2367	24
VALVE GUIDE	173-7188	48
VALVE LOCK	2A4429	96
VALVE SPRING, INNER & OUTER	4N5906	48
VALVE INSERT, INLET	4N5893	24
VALVE INSERT, EXHAUST	1W5283	24
GASKET KIT UPPER	KMP-3412-K1	1
GASKET KIT LOWER	KMP-3412-K2	1

OUT-OF-FRAME KIT: KMP7N3633.OFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7N3633 PISTON	KM3406	12
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	12
GASKET KIT UPPER	KMP-3412-K1	1
GASKET KIT LOWER	KMP-3412-K2	1

IN-FRAME KIT: KMP7N3633.IFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7N3633 PISTON	KM3406	12
CONROD BEARING STD	9Y7735	12
GASKET KIT UPPER	KMP-3412-K1	1
OIL PAN GASKET	4N1151	1

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CAT 3412 ENGINE

ENGINE OVERHAUL KIT: KMP9Y7212.EOK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y7212 PISTON	KM3405	12
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	12
CONROD BUSHING	4P8495	12
CAMSHAFT BUSHING	4N6658	2
CAMSHAFT BUSHING	4N0685	5
VALVE, INLET	115-2368	24
VALVE, EXHAUST	115-2367	24
VALVE GUIDE	173-7188	48
VALVE LOCK	2A4429	96
VALVE SPRING, INNER & OUTER	4N5906	48
VALVE INSERT, INLET	4N5893	24
VALVE INSERT, EXHAUST	1W5283	24
GASKET KIT UPPER	KMP-3412-K1	1
GASKET KIT LOWER	KMP-3412-K2	1

OUT-OF-FRAME KIT: KMP9Y7212.OFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y7212 PISTON	KM3405	12
MAIN BEARING STD	217-0390	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y9497	12
GASKET KIT UPPER	KMP-3412-K1	1
GASKET KIT LOWER	KMP-3412-K2	1

IN-FRAME KIT: KMP9Y7212.IFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y7212 PISTON	KM3405	12
CONROD BEARING STD	9Y9497	12
GASKET KIT UPPER	KMP-3412-K1	1
OIL PAN GASKET	4N1151	1

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Engine Kit Programme**CAT 3412 ENGINE****ENGINE OVERHAUL KIT: KMP192-2208.EOK-12A**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 192-2208 PISTON	KM2208	12
MAIN BEARING STD	321-5746	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	328-5574	12
CONROD BUSHING	4P8495	12
CAMSHAFT BUSHING	4N6658	2
CAMSHAFT BUSHING	4N0685	5
VALVE, INLET	122-0322	24
VALVE, EXHAUST	122-0321	24
VALVE GUIDE - INLET & EXH.	173-7188	48
VALVE LOCK	2A4429	96
VALVE SPRING, INLET & EXH.	4N5906	48
VALVE INSERT, INLET	4N5893	24
VALVE INSERT, EXHAUST	1W5283	24
GASKET KIT UPPER	KMP-3412E-K1	1
GASKET KIT LOWER	KMP-3412E-K2	1

OUT-OF-FRAME KIT: KMP192-2208.OFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 192-2208 PISTON	KM2208	12
MAIN BEARING STD	321-5746	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	328-5574	12
GASKET KIT UPPER	KMP-3412E-K1	1
GASKET KIT LOWER	KMP-3412E-K2	1

IN-FRAME KIT: KMP192-2208.IFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 192-2208 PISTON	KM2208	12
CONROD BEARING STD	328-5574	12
GASKET KIT UPPER	KMP-3412E-K1	1
OIL PAN GASKET	4N1151	1

NOTE: S/N 80M1000-UP**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3412 ENGINE

ENGINE OVERHAUL KIT: KMP192-2208.EOK-12B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 192-2208 PISTON	KM2208	12
MAIN BEARING STD	321-5746	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	328-5574	12
CONROD BUSHING	4P8495	12
CAMSHAFT BUSHING	4N6658	2
CAMSHAFT BUSHING	4N0685	5
VALVE, INLET	164-2543	24
VALVE, EXHAUST	164-2542	24
VALVE GUIDE - INLET & EXH.	173-7188	48
VALVE LOCK	2A4429	96
VALVE SPRING, INLET & EXH.	4N5906	48
VALVE INSERT, INLET	4N5893	24
VALVE INSERT, EXHAUST	1W5283	24
GASKET KIT UPPER	KMP-3412E-K1	1
GASKET KIT LOWER	KMP-3412E-K2	1

OUT-OF-FRAME KIT: KMP192-2208.OFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 192-2208 PISTON	KM2208	12
MAIN BEARING STD	321-5746	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	328-5574	12
GASKET KIT UPPER	KMP-3412E-K1	1
GASKET KIT LOWER	KMP-3412E-K2	1

IN-FRAME KIT: KMP192-2208.IFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 192-2208 PISTON	KM2208	12
CONROD BEARING STD	328-5574	12
GASKET KIT UPPER	KMP-3412E-K1	1
OIL PAN GASKET	4N1151	1

NOTE: S/N 9PW653-UP

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CAT 3412 ENGINE**ENGINE OVERHAUL KIT: KMP192-2209.EOK-12**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 192-2209 PISTON	KM2209	12
MAIN BEARING STD	317-8766	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	328-5574	12
CONROD BUSHING	4P8495	12
CAMSHAFT BUSHING	4N6658	2
CAMSHAFT BUSHING	4N0685	5
VALVE, INLET	122-0322	24
VALVE, EXHAUST	122-0321	24
VALVE GUIDE - INLET & EXH.	173-7188	48
VALVE LOCK	2A4429	96
VALVE SPRING, INLET & EXH.	4N5906	48
VALVE INSERT, INLET	4N5893	24
VALVE INSERT, EXHAUST	1W5283	24
GASKET KIT UPPER	KMP-3412E-K1	1
GASKET KIT LOWER	KMP-3412E-K2	1

OUT-OF-FRAME KIT: KMP192-2209.OFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 192-2209 PISTON	KM2209	12
MAIN BEARING STD	317-8766	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	328-5574	12
GASKET KIT UPPER	KMP-3412E-K1	1
GASKET KIT LOWER	KMP-3412E-K2	1

IN-FRAME KIT: KMP192-2209.IFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 192-2209 PISTON	KM2209	12
CONROD BEARING STD	328-5574	12
GASKET KIT UPPER	KMP-3412E-K1	1
OIL PAN GASKET	4N1151	1

NOTE: S/N 5JJ251-UP ; BFT00321**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT 3508 ENGINE - APPLICATIONS

HYDRAULIC EXCAVATORS SERIAL NO.

5130	5ZJ00001-UP
5130	7TJ00001-UP
5130B	4CS00001-UP

DOZERS SERIAL NO.

D11N	4HK00001-UP
D11N	74Z00001-UP
D11R	7PZ00001-UP
D11R	9TR00001-UP
D11R	AAF00001-UP

GENERATOR SETS SERIAL NO.

1ZF00001-UP
2HW00001-UP
3LS00001-UP
4GM00001-UP
5KW00001-UP
5XM00001-UP
6PN00001-UP
23Z00001-UP
70Z00001-UP
BGX00001-UP
CAW00001-UP
CNB00001-UP
CNF00001-UP
PTH00001-UP
PTJ00001-UP
ZAB00001-UP

WHEEL LOADERS SERIAL NO.

992G	7HR00001-UP
992G	ADZ00001-00623
992G	AZX00001-00623

WHEEL TRACTORS SERIAL NO.

854G	1JW00001-00244
854G	AMP00001-00355
854G	A4W00001-00355

INDUSTRIAL APPLICATIONS SERIAL NO.

7AF00001-UP
5PS00001-UP
5XS00001-UP
6TJ00001-UP
95Y00001-UP
97Y00001-UP
68Z00001-UP
BPX00001-UP
BTB00001-UP
BTR00001-UP
BWA00001-UP
CBB00001-UP
KAM00001-UP
LLC00001-UP
LLE00001-UP

MARINE APPLICATIONS SERIAL NO.

1TW00001-UP
2BM00001-UP
3DM00001-UP
3DW00001-UP
3HM00001-UP
3PS00001-UP
3TS00001-UP
7SM00001-UP
8TL00001-UP
9WN00001-UP
96Y00001-UP
69Z00001-UP
BAG00001-UP
S2A00001-UP
D2D00001-UP
S2E00001-UP
S2F00001-UP

TRUCKS SERIAL NO.

776B	4YC00001-UP
776B	6JC00001-UP
776C	2TK00001-UP
776C	4XJ00001-UP
777B	6JC00001-UP
777C	2TK00001-UP
777C	4XJ00001-UP
776D	5ER00001-UP
776D	AFS00001-UP
777D	3PR00001-UP
777D	AGC00001-UP

CAT 3508 ENGINE - APPLICATIONS

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON BODY ASSY	CYLINDER LINER	PISTON PIN	PISTON RING SET	LINER SEAL KIT
KM2431	7C2431B	211-7826	138-8506	1N3967	6V3774
KM4124	9Y4124	211-7826	138-8506	1N3967	6V3774

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CAT 3508 ENGINE

ENGINE OVERHAUL KIT: KMP7C2431.EOK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C2431 PISTON	KM2431	8
MAIN BEARING STD	149-6031	5
THRUST BEARING STD	7C6209	2
CONROD BEARING STD	107-7330	8
CONROD BUSHING	118-1655	8
CAMSHAFT BUSHING	7N2048	9
VALVE, INLET	210-2542	16
VALVE, EXHAUST	210-2529	16
VALVE GUIDE	133-9306	32
VALVE INSERT, INLET	130-2607	16
VALVE INSERT, EXHAUST	130-2608	16
VALVE LOCK	2A4429	64
VALVE SPRING INNER	7N1903	16
VALVE SPRING OUTER	7N1904	16
VALVE GUIDE SEAL	197-7006	16
GASKET KIT UPPER 3508	KMP-3508-K1	1
GASKET KI LOWER 3508	KMP-3508-K2	1

OUT-OF-FRAME KIT: KMP7C2431.OFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C2431 PISTON	KM2431	8
MAIN BEARING STD	149-6031	5
THRUST BEARING STD	7C6209	2
CONROD BEARING STD	107-7330	8
GASKET KIT UPPER 3508	KMP-3508-K1	1
GASKET KI LOWER 3508	KMP-3508-K2	1

IN-FRAME KIT: KMP7C2431.IFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C2431 PISTON	KM2431	8
CONROD BEARING STD	107-7330	8
GASKET KIT UPPER 3508	KMP-3508-K1	1
SUMP GASKET	7E2631	1

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CAT 3508 ENGINE

ENGINE OVERHAUL KIT: KMP9Y4124.EOK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4124 PISTON	KM4124	8
MAIN BEARING STD	149-6031	5
THRUST BEARING STD	7C6209	2
CONROD BEARING STD	107-7330	8
CONROD BUSHING	118-1655	8
CAMSHAFT BUSHING	7N2048	9
VALVE, INLET	210-2542	16
VALVE, EXHAUST	210-2529	16
VALVE GUIDE	133-9306	32
VALVE INSERT, INLET	130-2607	16
VALVE INSERT, EXHAUST	130-2608	16
VALVE LOCK	2A4429	64
VALVE SPRING INNER	7N1903	16
VALVE SPRING OUTER	7N1904	16
VALVE GUIDE SEAL	197-7006	16
GASKET KIT UPPER 3508	KMP-3508-K1	1
GASKET KI LOWER 3508	KMP-3508-K2	1

OUT-OF-FRAME KIT: KMP9Y4124.OFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4124 PISTON	KM4124	8
MAIN BEARING STD	149-6031	5
THRUST BEARING STD	7C6209	2
CONROD BEARING STD	107-7330	8
GASKET KIT UPPER 3508	KMP-3508-K1	1
GASKET KI LOWER 3508	KMP-3508-K2	1

IN-FRAME KIT: KMP9Y4124.IFK-8

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4124 PISTON	KM4124	8
CONROD BEARING STD	107-7330	8
GASKET KIT UPPER 3508	KMP-3508-K1	1
SUMP GASKET	7E2631	1

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CAT 3512 ENGINE - APPLICATIONS

GENERATOR SETS

SERIAL NO.

3MS00001-UP
3YF00001-UP
4AW00001-UP
4DR00001-UP
5AW00001-UP
6GW00001-UP
6PM00001-UP
6WN00001-UP
6WW00001-UP
8RM00001-UP
24Z00001-UP
67Z00001-UP
BLF00001-UP
BRK00001-UP
CMC00001-UP
CMJ00001-UP
FDE00001-UP
FDR00001-UP
PTF00001-UP
PTG00001-UP
PTM00001-UP
RMS00001-UP
SBG00001-UP
ZAF00001-UP
ZAH00001-UP
ZAJ00001-UP

WHEEL

TRACTORS/SCRAPERS

SERIAL NO.

777D 2YW00001-UP
777D AGY00001-UP
783B 4RB00001-UP
784B 5RK00001-UP
784C 2PZ00001-UP
785B 6HK00001-UP
785B 4WJ00001-UP
785C 1HW00001-UP
785C APX00001-UP
785D 96Z00001-UP

INDUSTRIAL APPLICATIONS

SERIAL NO.

1LM00001-UP
2AF00001-UP
2WK00001-UP
3ZW00001-UP
4KC00001-UP
6SS00001-UP
8DF00001-UP
49Y00001-UP
51Y00001-UP
65Z00001-UP
BRC00001-UP
CND00001-UP
LLA00001-UP
PWG00001-UP
R1A00001-UP

MARINE APPLICATIONS

SERIAL NO.

1PW00001-UP
2EZ00001-UP
2GW00001-UP
2RD00001-UP
3RS00001-UP
3WS00001-UP
4TN00001-UP
7HM00001-UP
8EM00001-UP
50Y00001-UP
66Z00001-UP
AAG00001-UP
BRN00001-UP
FFG00001-UP
MKH00001-UP
NSC00001-UP
S2G00001-UP
S2H00001-UP
S2J00001-UP
S2M00001-UP
S2N00001-UP

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON BODY ASSY	CYLINDER LINER	PISTON PIN	PISTON RING SET	LINER SEAL KIT
KM2431	7C2431B	211-7826	138-8506	1N3967	6V3774
KM4124	9Y4124	211-7826	138-8506	1N3967	6V3774

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CAT 3512 ENGINE

ENGINE OVERHAUL KIT: KMP7C2431.EOK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C2431 PISTON	KM2431	12
MAIN BEARING STD	149-6031	7
THRUST BEARING STD	7C6209	2
CONROD BEARING STD	107-7330	12
CONROD BUSHING	118-1655	12
CAMSHAFT BUSHING	7N2048	13
VALVE, INLET	210-2542	24
VALVE, EXHAUST	210-2529	24
VALVE GUIDE	133-9306	48
VALVE INSERT, INLET	130-2607	24
VALVE INSERT, EXHAUST	130-2608	24
VALVE LOCK	2A4429	96
VALVE SPRING INNER	7N1903	48
VALVE SPRING OUTER	7N1904	48
VALVE GUIDE SEAL	197-7006	24
GASKET KIT UPPER 3511	KMP-3512-K1	1
GASKET KIT LOWER 3512	KMP-3512-K2	1

OUT-OF-FRAME KIT: KMP7C2431.OFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C2431 PISTON	KM2431	12
MAIN BEARING STD	149-6031	7
THRUST BEARING STD	7C6209	2
CONROD BEARING STD	107-7330	12
GASKET KIT UPPER 3512	KMP-3512-K1	1
GASKET KI LOWER 3512	KMP-3512-K2	1

IN-FRAME KIT: KMP7C2431.IFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C2431 PISTON	KM2431	12
CONROD BEARING STD	107-7330	12
GASKET KIT UPPER 3512	KMP-3512-K1	1
SUMP GASKET	7E2630	1

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CAT 3512 ENGINE

ENGINE OVERHAUL KIT: KMP9Y4124.EOK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4124 PISTON	KM4124	12
MAIN BEARING STD	149-6031	7
THRUST BEARING STD	7C6209	2
CONROD BEARING STD	107-7330	12
CONROD BUSHING	118-1655	12
CAMSHAFT BUSHING	7N2048	13
VALVE, INLET	210-2542	24
VALVE, EXHAUST	210-2529	24
VALVE GUIDE	133-9306	48
VALVE INSERT, INLET	130-2607	24
VALVE INSERT, EXHAUST	130-2608	24
VALVE LOCK	2A4429	96
VALVE SPRING INNER	7N1903	48
VALVE SPRING OUTER	7N1904	48
VALVE GUIDE SEAL	197-7006	24
GASKET KIT UPPER 3511	KMP-3512-K1	1
GASKET KIT LOWER 3512	KMP-3512-K2	1

OUT-OF-FRAME KIT: KMP9Y4124.OFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4124 PISTON	KM4124	12
MAIN BEARING STD	149-6031	7
THRUST BEARING STD	7C6209	2
CONROD BEARING STD	107-7330	12
GASKET KIT UPPER 3512	KMP-3512-K1	1
GASKET KI LOWER 3512	KMP-3512-K2	1

IN-FRAME KIT: KMP9Y4124.IFK-12

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4124 PISTON	KM4124	12
CONROD BEARING STD	107-7330	12
GASKET KIT UPPER 3512	KMP-3512-K1	1
SUMP GASKET	7E2630	1

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CAT 3516 ENGINE - CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON BODY ASSY	CYLINDER LINER	PISTON PIN	PISTON RING SET	LINER SEAL KIT
KM2431	7C2431B	211-7826	138-8506	1N3967	6V3774
KM4124	9Y4124	211-7826	138-8506	1N3967	6V3774

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CAT 3516 ENGINE

ENGINE OVERHAUL KIT: KMP7C2431.EOK-16

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C2431 PISTON	KM2431	16
MAIN BEARING STD	149-6031	9
THRUST BEARING STD	7C6209	2
CONROD BEARING STD	107-7330	16
CONROD BUSHING	118-1655	16
CAMSHAFT BUSHING	7N2048	17
VALVE, INLET	210-2542	32
VALVE, EXHAUST	210-2529	32
VALVE GUIDE	133-9306	64
VALVE INSERT, INLET	130-2607	32
VALVE INSERT, EXHAUST	130-2608	32
VALVE LOCK	2A4429	128
VALVE SPRING INNER	7N1903	32
VALVE SPRING OUTER	7N1904	32
VALVE GUIDE SEAL	197-7006	32
GASKET KIT UPPER 3516	KMP-3516-K1	1
GASKET KI LOWER 3516	KMP-3516-K2	1

OUT-OF-FRAME KIT: KMP7C2431.OFK-16

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C2431 PISTON	KM2431	16
MAIN BEARING STD	149-6031	9
THRUST BEARING STD	7C6209	2
CONROD BEARING STD	107-7330	16
GASKET KIT UPPER 3516	KMP-3516-K1	1
GASKET KI LOWER 3516	KMP-3516-K2	1

IN-FRAME KIT: KMP7C2431.IFK-16

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C2431 PISTON	KM2431	16
CONROD BEARING STD	107-7330	16
GASKET KIT UPPER 3516	KMP-3516-K1	1
SUMP GASKET	7E2632	1

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CAT 3516 ENGINE

ENGINE OVERHAUL KIT: KMP9Y4124.EOK-16

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4124 PISTON	KM4124	16
MAIN BEARING STD	149-6031	9
THRUST BEARING STD	7C6209	2
CONROD BEARING STD	107-7330	16
CONROD BUSHING	118-1655	16
CAMSHAFT BUSHING	7N2048	17
VALVE, INLET	210-2542	32
VALVE, EXHAUST	210-2529	32
VALVE GUIDE	133-9306	64
VALVE INSERT, INLET	130-2607	32
VALVE INSERT, EXHAUST	130-2608	32
VALVE LOCK	2A4429	128
VALVE SPRING INNER	7N1903	32
VALVE SPRING OUTER	7N1904	32
VALVE GUIDE SEAL	197-7006	32
GASKET KIT UPPER 3516	KMP-3516-K1	1
GASKET KI LOWER 3516	KMP-3516-K2	1

OUT-OF-FRAME KIT: KMP9Y4124.OFK-16

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4124 PISTON	KM4124	16
MAIN BEARING STD	149-6031	9
THRUST BEARING STD	7C6209	2
CONROD BEARING STD	107-7330	16
GASKET KIT UPPER 3516	KMP-3516-K1	1
GASKET KI LOWER 3516	KMP-3516-K2	1

IN-FRAME KIT: KMP9Y4124.IFK-16

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4124 PISTON	KM4124	16
CONROD BEARING STD	107-7330	16
GASKET KIT UPPER 3516	KMP-3516-K1	1
SUMP GASKET	7E2632	1

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CAT 3520 ENGINE - CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON BODY ASSY	CYLINDER LINER	PISTON PIN	PISTON RING SET	LINER SEAL KIT
KM2431	7C2431B	211-7826	138-8506	1N3967	6V3774
KM4124	9Y4124	211-7826	138-8506	1N3967	6V3774

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CAT 3520 ENGINE

ENGINE OVERHAUL KIT: KMP7C2431.EOK-20

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C2431 PISTON	KM2431	20
MAIN BEARING STD	149-6031	11
THRUST BEARING STD	7C6209	2
CONROD BEARING STD	107-7330	20
CONROD BUSHING	118-1655	20
CAMSHAFT BUSHING	7N2048	21
VALVE, INLET	210-2542	40
VALVE, EXHAUST	210-2529	40
VALVE GUIDE	133-9306	80
VALVE INSERT, INLET	130-2607	40
VALVE INSERT, EXHAUST	130-2608	40
VALVE LOCK	2A4429	160
VALVE SPRING INNER	7N1903	40
VALVE SPRING OUTER	7N1904	40
VALVE GUIDE SEAL	197-7006	20
GASKET KIT UPPER 3520	KMP-3520-K1	1
GASKET KI LOWER 3520	KMP-3520-K2	1

OUT-OF-FRAME KIT: KMP7C2431.OFK-20

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C2431 PISTON	KM2431	20
MAIN BEARING STD	149-6031	11
THRUST BEARING STD	7C6209	2
CONROD BEARING STD	107-7330	20
GASKET KIT UPPER 3520	KMP-3520-K1	1
GASKET KIT LOWER 3520	KMP-3520-K2	1

IN-FRAME KIT: KMP7C2431.IFK-20

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 7C2431 PISTON	KM2431	20
CONROD BEARING STD	107-7330	20
GASKET KIT UPPER 3520	KMP-3520-K1	1
SUMP GASKET	7E2633	1

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CAT 3520 ENGINE**ENGINE OVERHAUL KIT: KMP9Y4124.EOK-20**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4124 PISTON	KM4124	20
MAIN BEARING STD	149-6031	11
THRUST BEARING STD	7C6209	2
CONROD BEARING STD	107-7330	20
CONROD BUSHING	118-1655	20
CAMSHAFT BUSHING	7N2048	21
VALVE, INLET	210-2542	40
VALVE, EXHAUST	210-2529	40
VALVE GUIDE	133-9306	80
VALVE INSERT, INLET	130-2607	40
VALVE INSERT, EXHAUST	130-2608	40
VALVE LOCK	2A4429	160
VALVE SPRING INNER	7N1903	40
VALVE SPRING OUTER	7N1904	40
VALVE GUIDE SEAL	197-7006	40
GASKET KIT UPPER 3520	KMP-3520-K1	1
GASKET KI LOWER 3520	KMP-3520-K2	1

OUT-OF-FRAME KIT: KMP9Y4124.OFK-20

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4124 PISTON	KM4124	20
MAIN BEARING STD	149-6031	11
THRUST BEARING STD	7C6209	2
CONROD BEARING STD	107-7330	20
GASKET KIT UPPER 3520	KMP-3520-K1	1
GASKET KIT LOWER 3520	KMP-3520-K2	1

IN-FRAME KIT: KMP9Y4124.IFK-20

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 9Y4124 PISTON	KM4124	20
CONROD BEARING STD	107-7330	20
GASKET KIT UPPER 3520	KMP-3520-K1	1
SUMP GASKET	7E2633	1

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CAT C6.6 ENGINE - APPLICATIONS

EXCAVATORS

SERIAL NO.

M322D	W2S00001-UP
M322D	W2T00001-UP
M316D	W6A00001-UP
M318D	W8P00001-UP
M318D	W8R00001-UP

TRACTORS

SERIAL NO.

D6K	DHA00001-UP
D6N	DJA00001-UP
D6N	DJY00001-UP
D6K	FBH00001-UP
D6N	JAH00001-UP
D6K	NCF00001-UP

ASPHALT PAVERS

SERIAL NO.

AP655D	GNN00001-UP
AP655D	GNZ00001-UP
AP655D	MAN00001-UP
AP655D	MAT00001-UP
AP600D	TFM00200-UP
AP600D	TFZ00001-UP

LOADERS

SERIAL NO.

930H	BYD00001-UP
930H	CXK00001-UP
930H	DHC00001-UP
930H	FTD00001-UP
924H	HXC00001-UP
938H	JKM00001-UP
924H	JTM00001-UP
924H	KLN00001-UP
953D	LBP00001-UP
963D	LCS00001-UP
938H	LKM00001-UP
938H	MJC00001-UP
924H	PED00001-UP

COMPACTORS

SERIAL NO.

CP/CS56	CSP00001-UP
CP/CS56	CSS00001-UP
CP/CS56	FCP00001-UP
CP/CS56	FCS00001-UP
CP/CS64	C6P00001-UP
CP/CS64	C6S00001-UP
CP/CS64	C7F00001-UP
CP/CS64	P7F00001-UP
CP/CS74	C8F00001-UP
CP/CS74	C8P00001-UP
CP/CS74	C8S00001-UP
CP/CS74	P8F00001-UP
CP/CS76	C7L00001-UP
CP/CS76	CYX00001-UP
CP/CS76	JCP00001-UP
CP/CS76	JCS00001-UP

GENERATOR SETS

SERIAL NO.

	N6D00001-UP
	SDA00001-UP

MOTOR GRADERS

SERIAL NO.

120M	B9C00001-UP
12M	B9F00001-UP
120M	A7G00001-UP
12M	B9R00001-UP
120M	B9W00001-UP
120M	D9W00001-UP

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON BODY ASSY	PISTON RING SET
KM7475	276-7475	276-7476

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CAT C6.6 ENGINE**ENGINE OVERHAUL KIT: KMP276-7475.EOK-A**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 276-7475 PISTON	KM7475	6
MAIN BEARING STD	276-7388	1
THRUST BEARING STD	276-7390	1
CONROD BEARING STD	276-7389	1
CONROD BUSHING	276-7478	6
CAMSHAFT BUSHING	276-5601	1
VALVE, INLET	309-6678	12
VALVE, EXHAUST	276-8124	12
VALVE LOCK	276-8123	48
VALVE SPRING, INLET & EXH.	276-8132	24
GASKET KIT UPPER	KMP-C6.6-K1	1
GASKET KIT LOWER	KMP-C6.6-K2	1

OUT-OF-FRAME KIT: KMP276-7475.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 276-7475 PISTON	KM7475	6
MAIN BEARING STD	276-7388	1
THRUST BEARING STD	276-7390	1
CONROD BEARING STD	276-7389	1
GASKET KIT UPPER	KMP-C6.6-K1	1
GASKET KIT LOWER	KMP-C6.6-K2	1

IN-FRAME KIT: KMP276-7475.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 276-7475 PISTON	KM7475	6
CONROD BEARING STD	276-7389	1
GASKET KIT UPPER	KMP-C6.6-K1	1
OIL PAN GASKET	275-9884	1
OIL PAN GASKET	280-1383	1

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CAT C6.6 ENGINE

ENGINE OVERHAUL KIT: KMP276-7475.EOK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 276-7475 PISTON	KM7475	6
MAIN BEARING STD	276-7388	1
THRUST BEARING STD	276-7390	1
CONROD BEARING STD	276-7389	1
CONROD BUSHING	276-7478	6
CAMSHAFT BUSHING	276-5601	1
VALVE, INLET	276-8122	12
VALVE, EXHAUST	276-8124	12
VALVE LOCK	276-8123	48
VALVE SPRING, INLET & EXH.	276-8132	24
GASKET KIT UPPER	KMP-C6.6-K1	1
GASKET KIT LOWER	KMP-C6.6-K2	1

OUT-OF-FRAME KIT: KMP276-7475.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 276-7475 PISTON	KM7475	6
MAIN BEARING STD	276-7388	1
THRUST BEARING STD	276-7390	1
CONROD BEARING STD	276-7389	1
GASKET KIT UPPER	KMP-C6.6-K1	1
GASKET KIT LOWER	KMP-C6.6-K2	1

IN-FRAME KIT: KMP276-7475.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 276-7475 PISTON	KM7475	6
CONROD BEARING STD	276-7389	1
GASKET KIT UPPER	KMP-C6.6-K1	1
OIL PAN GASKET	275-9884	1
OIL PAN GASKET	280-1383	1

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CAT C7 ENGINE - APPLICATIONS

HYDRAULIC EXCAVATORS

SERIAL NO.

325D L	A3R00001-UP
325D L	AZP00001-UP
325D L	DBH00001-UP
325D L	ERK00001-UP
325D L	KBE00001-UP
325D L	KDG00001-UP
325D L	PAL00001-UP
325D L	RJK00001-UP
325D L	SCR00001-UP
325D L	T2S00001-UP
325DL & LN	PKE00001-UP
325DL & LN	GPB00001-UP
M325D	EDF00001-UP
328D LCR	GTN00001-UP
328D LCR	MKR00001-UP
329D L	LGN00001-UP
329D L	TPM00001-UP
329D L	RSK00001-UP
329D & DL	BYS00001-UP
329D & DL	MNB00001-UP
329D & DL	WDK00001-UP
329D & DL	BFC00001-UP
329D & DL	DJF00001-UP
329D L & LN	SCY00001-UP

DOZERS

SERIAL NO.

D6R	AAX00001-UP
D6R	ACJ00001-UP
D6R	ADE00001-UP
D6R	AEM00001-UP
D6R	AEPO0001-UP
D6R	AFM00001-UP
D6R	AGM00001-UP

D6R

BLE00001-UP

D6R

BLT00001-UP

D6R

BMJ00001-UP

D6R

BMK00001-UP

D6R

BMY00001-UP

D6R

BNC00001-UP

D6R

BNL00001-UP

D6R

BPM00001-UP

D6R

BPP00001-UP

D6R

BPS00001-UP

D6R

BPZ00001-UP

D6R

BRE00001-UP

D6R

BRJ00001-UP

D6R

BRZ00001-UP

D6R

CAD00001-UP

D6R

DAE00001-UP

D6R

DLM00001-UP

D6R

DMK00001-UP

D6R

DPS00001-UP

D6R

EXL00001-UP

D6R

EXW00001-UP

D6R

FDT00001-UP

D6R

GJB00001-UP

D6R

GMT00001-UP

D6R

HCD00001-UP

D6R

HDC00001-UP

D6R

HKE00001-UP

D6R

JDL00001-UP

D6R

JEK00001-UP

D6R

LFM00001-UP

D6R

LGP00001-UP

D6R

MRT00001-UP

D6R

MTJ00001-UP

D6R

RFC00001-UP

D6R

TBC00001-UP

D6R

WCB00001-UP

D6R

WRG00001-UP

MOTOR GRADERS

SERIAL NO.

140M	B9D00001-UP
140M	BG900001-UP
140M	B9M00001-UP
140M	D9G00001-UP

WHEEL SKIDDERS

SERIAL NO.

525C	52500001-UP
535C	53500001-UP
545C	54500001-UP

COMPACTORS

SERIAL NO.

816F	BZR00001-UP
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INTEGRATED
TOOL CARRIERS

SERIAL NO.

1T62H	M5G00001-UP
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TRUCKS

SERIAL NO.

	C7S00001-UP
	FML00001-UP
	FMM00001-UP
	KAL00001-UP
	LBM00001-UP
	NPH00001-UP
	SAP00001-UP
	WAX00001-UP
	YPG00001-UP

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON BODY ASSY	PISTON PIN	INDIVIDUAL PISTON RINGS
KM2698	238-2698	168-7224	197-9386+197-9353+197-9354
KM2720	238-2720	197-9371	197-9386+197-9353+238-2706

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CAT C7 ENGINE

ENGINE OVERHAUL KIT: KMP238-2698.EOK-A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 238-2698 PISTON	KM2698	6
MAIN BEARING STD	107-7708	6
MAIN THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	216-5586	1
CAMSHAFT BUSHING	2W7213	6
VALVE, INLET	252-7801	12
VALVE, EXHAUST	147-8211	6
VALVE LOCK , EXHAUST	2A4429	12
VALVE LOCK . INLET	1W2715	12
VALVE SPRING, EXHAUST	137-6718	6
VALVE SPRING, INLET	140-6188	12
VALVE GUIDE , EXHAUST	147-8220	6
VALVE GUIDE , INLET	140-9670	12
VALVE INSERT , EXHAUST	232-1285	6
VALVE INSERT , INLET	264-6157	12
GASKET KIT UPPER	KMP-C7-K1	1
GASKET KIT LOWER	KMP-C7-K2	1

OUT-OF-FRAME KIT: KMP238-2698.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 238-2698 PISTON	KM2698	6
MAIN BEARING STD	107-7708	6
MAIN THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER	KMP-C7-K1	1
GASKET KIT LOWER	KMP-C7-K2	1

IN-FRAME KIT: KMP238-2698.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 238-2698 PISTON	KM2698	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER	KMP-C7-K1	1
OIL PAN GASKET	166-2905	1

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CAT C7 ENGINE**ENGINE OVERHAUL KIT: KMP238-2698.EOK-B**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 238-2698 PISTON	KM2698	6
MAIN BEARING STD	107-7708	6
MAIN THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	216-5586	1
CAMSHAFT BUSHING	2W7213	6
VALVE, INLET	145-7390	12
VALVE, EXHAUST	147-8211	6
VALVE LOCK , EXHAUST	2A4429	12
VALVE LOCK . INLET	1W2715	24
VALVE SPRING, EXHAUST	137-6718	6
VALVE SPRING, INLET	140-6188	12
VALVE GUIDE , EXHAUST	147-8220	6
VALVE GUIDE , INLET	140-9670	12
VALVE INSERT , EXHAUST	147-8218	6
VALVE INSERT , INLET	217-5213	12
GASKET KIT UPPER	KMP-C7-K1	1
GASKET KIT LOWER	KMP-C7-K2	1

OUT-OF-FRAME KIT: KMP238-2698.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 238-2698 PISTON	KM2698	6
MAIN BEARING STD	107-7708	6
MAIN THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER	KMP-C7-K1	1
GASKET KIT LOWER	KMP-C7-K2	1

IN-FRAME KIT: KMP238-2698.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 238-2698 PISTON	KM2698	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER	KMP-C7-K1	1
OIL PAN GASKET	166-2905	1

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CAT C7 ENGINE

ENGINE OVERHAUL KIT: KMP238-2720.EOK-A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 238-2720 PISTON	KM2720	6
MAIN BEARING STD	107-7708	6
MAIN THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	216-5586	1
CAMSHAFT BUSHING	2W7213	6
VALVE, INLET	252-7801	12
VALVE, EXHAUST	147-8211	6
VALVE LOCK , EXHAUST	2A4429	12
VALVE LOCK . INLET	1W2715	12
VALVE SPRING, EXHAUST	137-6718	6
VALVE SPRING, INLET	140-6188	12
VALVE GUIDE , EXHAUST	147-8220	6
VALVE GUIDE , INLET	140-9670	12
VALVE INSERT , EXHAUST	232-1285	6
VALVE INSERT , INLET	264-6157	12
GASKET KIT UPPER	KMP-C7-K1	1
GASKET KIT LOWER	KMP-C7-K2	1

OUT-OF-FRAME KIT: KMP238-2720.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 238-2720 PISTON	KM2720	6
MAIN BEARING STD	107-7708	6
MAIN THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER	KMP-C7-K1	1
GASKET KIT LOWER	KMP-C7-K2	1

IN-FRAME KIT: KMP238-2720.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 238-2720 PISTON	KM2720	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER	KMP-C7-K1	1
OIL PAN GASKET	166-2905	1

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CAT C7 ENGINE

ENGINE OVERHAUL KIT: KMP238-2720.EOK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 238-2720 PISTON	KM2720	6
MAIN BEARING STD	107-7708	6
MAIN THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
CONROD BUSHING	2W0027	6
CAMSHAFT BUSHING	216-5586	1
CAMSHAFT BUSHING	2W7213	6
VALVE, INLET	145-7390	12
VALVE, EXHAUST	147-8211	6
VALVE LOCK , EXHAUST	2A4429	12
VALVE LOCK . INLET	1W2715	24
VALVE SPRING, EXHAUST	137-6718	6
VALVE SPRING, INLET	140-6188	12
VALVE GUIDE , EXHAUST	147-8220	6
VALVE GUIDE , INLET	140-9670	12
VALVE INSERT , EXHAUST	147-8218	6
VALVE INSERT , INLET	217-5213	12
GASKET KIT UPPER	KMP-C7-K1	1
GASKET KIT LOWER	KMP-C7-K2	1

OUT-OF-FRAME KIT: KMP238-2720.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 238-2720 PISTON	KM2720	6
MAIN BEARING STD	107-7708	6
MAIN THRUST BEARING STD	212-4893	1
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER	KMP-C7-K1	1
GASKET KIT LOWER	KMP-C7-K2	1

IN-FRAME KIT: KMP238-2720.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 238-2720 PISTON	KM2720	6
CONROD BEARING STD	224-6638	6
GASKET KIT UPPER	KMP-C7-K1	1
OIL PAN GASKET	166-2905	1

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CAT C9 ENGINE - APPLICATIONS

HYDRAULIC EXCAVATORS

SERIAL NO.

330C	B1K00001-UP
330C	B2L00001-UP
330C	B3M00001-UP
330C	B4N00001-UP
330C	CA000001-UP
330C	CGZ00001-UP
330C	CYA00001-UP
330C	D3C00001-UP
330C	DKY00001-UP
330C	GKX00001-UP
330C	JAB00001-UP
330C	JCD00001-UP
330C	JNK00001-UP
330C	KDD00001-UP
330C	MCA00001-UP
330C	MKM00001-UP
330C	MSD00001-UP
330D	B6H00001-UP
330D	C5K00001-UP
330C	D3D00001-UP
330D	E4K00001-UP
330D	EAH00001-UP
330D	EAX00001-UP
330D	ERN00001-UP
330D	FFK00001-UP
330D	GGE00001-UP
330D	H3K00001-UP
330D	HAS00001-UP
330D	L2K00001-UP
330D	LEM00001-UP
330D	MEY00001-UP
330D	MWP00001-UP
330D	NBD00001-UP
330D	RAS00001-UP
330D	T2Y00001-UP
330D	THJ00001-UP

TRACK LOADERS

SERIAL NO.

973C	BCP00001-UP
973C	LDX00001-UP

MOTOR GRADERS

SERIAL NO.

12H	12500001-UP
12H	AMZ00001-UP
12H	CBK00001-UP

SCRAPERS

SERIAL NO.

627G	CEZ00001-UP
627G	DBZ00001-UP
637E	1HB00001-UP
637G	CEJ00001-UP
637G	CEM00001-UP
637G	DEX00001-UP
637G	DEY00001-UP

AGRO CHALLENGERS

SERIAL NO.

	81200001-UP
	81300001-UP
	81400001-UP
	81500001-UP
	AKN00001-UP
	ALM00001-UP
	AMS00001-UP

GENERATOR SETS

SERIAL NO.

	C9E00001-UP
	X3R00001-UP

INDUSTRIAL APPLICATIONS

SERIAL NO.

	CLJ00001-UP
	JLW00001-UP
	JSC00001-UP
	MBD00001-UP

MARINE APPLICATIONS

SERIAL NO.

	C9A00001-UP
	C9B00001-UP
	CSN00001-UP
	SJB00001-UP
	X9X00001-UP
	Z9X00001-UP

TRUCKS

SERIAL NO.

	9DG00001-UP
	C9S00001-UP
	CKP00001-UP
	ETK00001-UP
	MTB00001-UP
	SRB00001-UP

CAT C9 ENGINE - APPLICATIONS

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON BODY ASSY	CYLINDER LINER	PISTON PIN	PISTON RING SET	INDIVIDUAL PISTON RINGS	LINER SEAL KIT
KM9297	197-9297	324-7380	190-3562	166-3648	197-9299+161-3425+168-7209	167-0024

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CAT C9 ENGINE**ENGINE OVERHAUL KIT: KMP197-9297.EOK**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9297 CROWN	KM9297	6
MAIN BEARING STD	151-2939	7
THRUST BEARING STD	246-3150	2
CONROD BEARING STD	213-3190	6
CONROD BUSHING	160-8194	6
CAMSHAFT BUSHING	216-5586	1
CAMSHAFT BUSHING	203-5805	2
CAMSHAFT BUSHING	203-6090	1
VALVE, INLET	163-2442	12
VALVE, EXHAUST	188-3122	12
VALVE GUIDE	260-4856	24
VALVE INSERT, INLET STD	176-7688	12
VALVE INSERT, EXHAUST STD	176-7690	12
INJECTOR SLEEVE	229-1490	6
VALVE LOCK	2A4429	48
VALVE SPRING INNER	190-6115	12
VALVE SPRING OUTER	190-6117	12
RETAINER, VALVE SPRING	211-2134	24
VALVE SPRING SEAT	183-7889	12
SEAL, INJECTOR SLEEVE	310-7255	6
SEAL, INJECTOR SLEEVE	310-7257	6
GASKET KIT UPPER	KMP-C9-K1	1
GASKET KIT LOWER	KMP-C9-K2	1

OUT-OF-FRAME KIT: KMP197-9297.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9297 CROWN	KM9297	6
MAIN BEARING STD	151-2939	7
THRUST BEARING STD	246-3150	2
CONROD BEARING STD	213-3190	6
GASKET KIT UPPER	KMP-C9-K1	1
GASKET KIT LOWER	KMP-C9-K2	1

IN-FRAME KIT: KMP197-9297.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9297 CROWN	KM9297	6
CONROD BEARING STD	213-3190	6
GASKET KIT UPPER	KMP-C9-K1	1
OIL PAN GASKET	190-6114	1

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CAT C11 ENGINE - APPLICATIONS

WHEEL LOADERS	SERIAL NO.
966H	A6D00001-UP
966H	A6G00001-UP
966H	A6J00001-UP
966H	FMW00001-UP

MOTOR GRADERS	SERIAL NO.
14M	B9J00001-UP

ROTARY MIXERS	SERIAL NO.
RM-300	BWR00001-UP

ARTICULATED TRUCKS	SERIAL NO.
725	BL100001-UP
730	B1M00001-UP
730E	B1W00001-UP

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON BODY ASSY	CYLINDER LINER	PISTON PIN	INDIVIDUAL PISTON RINGS	LINER SEAL KIT
KM1111	265-1111	197-9330	197-9327	238-2717+197-9257+265-1113	104-3560
KM9381	197-9381	197-9330	197-9327	238-2717+197-9257+238-2704	104-3560

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CAT C11 ENGINE

ENGINE OVERHAUL KIT: KMP265-1111.EOK-A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 265-1111 PISTON	KM1111	6
MAIN BEARING STD	211-0587	4
MAIN BEARING STD	211-0588	3
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
CONROD BUSHING	115-2972	6
CAMSHAFT BUSHING	187-8969	7
VALVE, INLET	224-3028	12
VALVE, EXHAUST	224-3030	12
VALVE LOCK	2A4429	48
VALVE SPRING , INNER	224-4441	24
VALVE SPRING , OUTER	214-0586	24
VALVE GUIDE	268-2953	24
VALVE INSERT , EXHAUST	224-1270	12
VALVE INSERT , INLET	260-4855	12
GASKET KIT UPPER	KMP-C11-K1	1
GASKET KIT LOWER	KMP-C11-K2	1

OUT-OF-FRAME KIT: KMP265-1111.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 265-1111 PISTON	KM1111	6
MAIN BEARING STD	211-0587	4
MAIN BEARING STD	211-0588	3
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C11-K1	1
GASKET KIT LOWER	KMP-C11-K2	1

IN-FRAME KIT: KMP265-1111.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 265-1111 PISTON	KM1111	6
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C11-K1	1
OIL PAN GASKET	217-3673	1

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CAT C11 ENGINE

ENGINE OVERHAUL KIT: KMP265-1111.EOK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 265-1111 PISTON	KM1111	6
MAIN BEARING STD	211-0587	4
MAIN BEARING STD	211-0588	3
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
CONROD BUSHING	115-2972	6
CAMSHAFT BUSHING	187-8969	7
VALVE, INLET	252-7802	12
VALVE, EXHAUST	224-3030	12
VALVE LOCK	2A4429	48
VALVE SPRING , INNER	224-4441	24
VALVE SPRING , OUTER	214-0586	24
VALVE GUIDE	268-2953	24
VALVE INSERT , EXHAUST	224-1270	12
VALVE INSERT , INLET	260-4855	12
GASKET KIT UPPER	KMP-C11-K1	1
GASKET KIT LOWER	KMP-C11-K2	1

OUT-OF-FRAME KIT: KMP265-1111.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 265-1111 PISTON	KM1111	6
MAIN BEARING STD	211-0587	4
MAIN BEARING STD	211-0588	3
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C11-K1	1
GASKET KIT LOWER	KMP-C11-K2	1

IN-FRAME KIT: KMP265-1111.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 265-1111 PISTON	KM1111	6
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C11-K1	1
OIL PAN GASKET	217-3673	1

NOTE: 5/NOS. 1YN1-UP. SCALLOPED HEAD GASKET

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CAT C11 ENGINE**ENGINE OVERHAUL KIT: KMP197-9381.EOK-A**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9381 PISTON	KM9381	6
MAIN BEARING STD	211-0587	4
MAIN BEARING STD	211-0588	3
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
CONROD BUSHING	115-2972	6
CAMSHAFT BUSHING	187-8969	7
VALVE, INLET	224-3028	12
VALVE, EXHAUST	224-3030	12
VALVE LOCK	2A4429	48
VALVE SPRING , INNER	224-4441	24
VALVE SPRING , OUTER	214-0586	24
VALVE GUIDE	224-3124	24
VALVE INSERT , EXHAUST	224-1270	12
VALVE INSERT , INLET	224-2410	12
GASKET KIT UPPER	KMP-C11-K1	1
GASKET KIT LOWER	KMP-C11-K2	1

OUT-OF-FRAME KIT: KMP197-9381.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9381 PISTON	KM9381	6
MAIN BEARING STD	211-0587	4
MAIN BEARING STD	211-0588	3
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C11-K1	1
GASKET KIT LOWER	KMP-C11-K2	1

IN-FRAME KIT: KMP197-9381.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9381 PISTON	KM9381	6
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C11-K1	1
OIL PAN GASKET	217-3673	1

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CAT C11 ENGINE

ENGINE OVERHAUL KIT: KMP197-9381.EOK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9381 PISTON	KM9381	6
MAIN BEARING STD	211-0587	4
MAIN BEARING STD	211-0588	3
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
CONROD BUSHING	115-2972	6
CAMSHAFT BUSHING	187-8969	7
VALVE, INLET	224-3028	12
VALVE, EXHAUST	224-3030	12
VALVE LOCK	2A4429	48
VALVE SPRING , INNER	224-4441	24
VALVE SPRING , OUTER	214-0586	24
VALVE GUIDE	268-2953	24
VALVE INSERT , EXHAUST	224-1270	12
VALVE INSERT , INLET	260-4855	12
GASKET KIT UPPER	KMP-C11-K1	1
GASKET KIT LOWER	KMP-C11-K2	1

OUT-OF-FRAME KIT: KMP197-9381.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9381 PISTON	KM9381	6
MAIN BEARING STD	211-0587	4
MAIN BEARING STD	211-0588	3
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C11-K1	1
GASKET KIT LOWER	KMP-C11-K2	1

IN-FRAME KIT: KMP197-9381.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9381 PISTON	KM9381	6
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C11-K1	1
OIL PAN GASKET	217-3673	1

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CAT C11 ENGINE

ENGINE OVERHAUL KIT: KMP197-9381.EOK-C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9381 PISTON	KM9381	6
MAIN BEARING STD	211-0587	4
MAIN BEARING STD	211-0588	3
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
CONROD BUSHING	115-2972	6
CAMSHAFT BUSHING	187-8969	7
VALVE, INLET	252-7802	12
VALVE, EXHAUST	224-3030	12
VALVE LOCK	2A4429	48
VALVE SPRING , INNER	224-4441	24
VALVE SPRING , OUTER	214-0586	24
VALVE GUIDE	268-2953	24
VALVE INSERT , EXHAUST	224-1270	12
VALVE INSERT , INLET	260-4855	12
GASKET KIT UPPER	KMP-C11-K1	1
GASKET KIT LOWER	KMP-C11-K2	1

OUT-OF-FRAME KIT: KMP197-9381.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9381 PISTON	KM9381	6
MAIN BEARING STD	211-0587	4
MAIN BEARING STD	211-0588	3
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C11-K1	1
GASKET KIT LOWER	KMP-C11-K2	1

IN-FRAME KIT: KMP197-9381.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9381 PISTON	KM9381	6
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C11-K1	1
OIL PAN GASKET	217-3673	1

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CAT C12 ENGINE - APPLICATIONS

LOADERS

SERIAL NO.

972G II	ANY00001-00465
972G II	AWP00001-00609
972G II	AXC00001-UP
972G II	AXE00001-UP
972G II	AXN00001-UP
972G II	AXP00001-UP

INDUSTRIAL APPLICATIONS

SERIAL NO.

BDL00001-UP

MARINE APPLICATIONS

SERIAL NO.

9HP00001-UP

C1Z00001-UP

MOTOR GRADERS

SERIAL NO.

16H ATS00001-UP

GENERATOR SETS

SERIAL NO.

BCY00001-UP

ARTICULATED TRUCKS

SERIAL NO.

730 AGF00001-UP

TRUCKS

SERIAL NO.

1YN00001-UP

2KS00001-UP

9NS00001-UP

9SM00001-UP

ALS00001-UP

CPD00001-UP

MBL00001-UP

TME00001-UP

CHALLENGER AGRI. TRACTOR

SERIAL NO.

81600001-UP

81700001-UP

81800001-UP

81900001-UP

BAM00001-UP

BBP00001-UP

BCC00001-UP

BDS00001-UP

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON CROWN	PISTON SKIRT	CYLINDER LINER	PISTON PIN	INDIVIDUAL PISTON RINGS	LINER SEAL KIT
KM9374	197-9374	238-2712	197-9330	197-9251	197-9341+216-8570+238-2704	
KM2948	144-2948	238-2712	197-9330	168-7296	216-8570+238-2704+303-3141	104-3560
KM9328	197-9328	238-2712	197-9330	168-7296	197-9341+216-8570+238-2704	104-3560

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Engine Kit Programme**CAT C12 ENGINE****ENGINE OVERHAUL KIT: KMP144-2948.EOK-A**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
CONROD BUSHING	115-2972	6
CAMSHAFT BUSHING	216-5584	1
CAMSHAFT BUSHING	216-5585	1
CAMSHAFT BUSHING	216-5583	5
VALVE, INLET	192-9213	12
VALVE, EXHAUST	133-7029	12
VALVE GUIDE	100-8150	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER	224-4441	24
VALVE SPRING, OUTER	214-0586	24
GASKET KIT UPPER	KMP-C12-K1A	1
GASKET KIT LOWER	KMP-C12-K2	1

OUT-OF-FRAME KIT: KMP144-2948.OFK-A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C12-K1A	1
GASKET KIT LOWER	KMP-C12-K2	1

IN-FRAME KIT: KMP144-2948.IFK-A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C12-K1A	1
OIL PAN GASKET	109-5308	1

NOTE: S/NOS. 9NS1-UP. SCALLOPED HEAD GASKET**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT C12 ENGINE

ENGINE OVERHAUL KIT: KMP144-2948.EOK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
CONROD BUSHING	115-2972	6
CAMSHAFT BUSHING	216-5584	1
CAMSHAFT BUSHING	216-5585	1
CAMSHAFT BUSHING	216-5583	5
VALVE, INLET	192-9213	12
VALVE, EXHAUST	133-7029	12
VALVE GUIDE	100-8150	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER	241-4441	24
VALVE SPRING, OUTER	214-0586	24
GASKET KIT UPPER	KMP-C12-K1B	1
GASKET KIT LOWER	KMP-C12-K2	1

OUT-OF-FRAME KIT: KMP144-2948.OFK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C12-K1B	1
GASKET KIT LOWER	KMP-C12-K2	1

IN-FRAME KIT: KMP144-2948.IFK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C12-K1B	1
OIL PAN GASKET	109-5308	1

NOTE: S/NOS. 9NS1-UP. STRAIGHT HEAD GASKET

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CAT C12 ENGINE**ENGINE OVERHAUL KIT: KMP144-2948.EOK-C1**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
CONROD BUSHING	115-2972	6
CAMSHAFT BUSHING	216-5584	1
CAMSHAFT BUSHING	216-5585	1
CAMSHAFT BUSHING	216-5583	5
VALVE, INLET	7E9578	12
VALVE, EXHAUST	133-7029	12
VALVE GUIDE	132-3214	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER	241-4441	24
VALVE SPRING, OUTER	214-0586	24
VALVE INSERT	4N5893	12
VALVE INSERT	133-6997	12
GASKET KIT UPPER	KMP-C12-K1C	1
GASKET KIT LOWER	KMP-C12-K2	1

OUT-OF-FRAME KIT: KMP144-2948.OFK-C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C12-K1C	1
GASKET KIT LOWER	KMP-C12-K2	1

IN-FRAME KIT: KMP144-2948.IFK-C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C12-K1C	1
OIL PAN GASKET	109-5308	1

NOTE: 5/NOS. 2KS1-348. SCALLOPED HEAD GASKET**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT C12 ENGINE

ENGINE OVERHAUL KIT: KMP144-2948.EOK-C2

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
CONROD BUSHING	115-2972	6
CAMSHAFT BUSHING	216-5584	1
CAMSHAFT BUSHING	216-5585	1
CAMSHAFT BUSHING	216-5583	5
VALVE, INLET	192-9213	12
VALVE, EXHAUST	133-7029	12
VALVE GUIDE	132-3214	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER	241-4441	24
VALVE SPRING, OUTER	214-0586	24
VALVE INSERT	179-9454	12
VALVE INSERT	179-9453	12
GASKET KIT UPPER	KMP-C12-K1C	1
GASKET KIT LOWER	KMP-C12-K2	1

OUT-OF-FRAME KIT: KMP144-2948.OFK-C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C12-K1C	1
GASKET KIT LOWER	KMP-C12-K2	1

IN-FRAME KIT: KMP144-2948.IFK-C

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C12-K1C	1
OIL PAN GASKET	109-5308	1

NOTE: S/NOS. 2KS349-UP. SCALLOPED HEAD GASKET

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CAT C12 ENGINE

ENGINE OVERHAUL KIT: KMP144-2948.EOK-D1

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
CONROD BUSHING	115-2972	6
CAMSHAFT BUSHING	216-5584	1
CAMSHAFT BUSHING	216-5585	1
CAMSHAFT BUSHING	216-5583	5
VALVE, INLET	7E9578	12
VALVE, EXHAUST	133-7029	12
VALVE GUIDE	132-3214	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER	241-4441	24
VALVE SPRING, OUTER	214-0586	24
VALVE INSERT	4N5893	12
VALVE INSERT	133-6997	12
GASKET KIT UPPER	KMP-C12-K1D	1
GASKET KIT LOWER	KMP-C12-K2	1

OUT-OF-FRAME KIT: KMP144-2948.OFK-D

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C12-K1D	1
GASKET KIT LOWER	KMP-C12-K2	1

IN-FRAME KIT: KMP144-2948.IFK-D

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C12-K1D	1
OIL PAN GASKET	109-5308	1

NOTE: S/NOS. 2KS1-348. STRAIGHT HEAD GASKET

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Engine Kit Programme

CAT C12 ENGINE

ENGINE OVERHAUL KIT: KMP144-2948.EOK-D2

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
CONROD BUSHING	115-2972	6
CAMSHAFT BUSHING	216-5584	1
CAMSHAFT BUSHING	216-5585	1
CAMSHAFT BUSHING	216-5583	5
VALVE, INLET	192-9213	12
VALVE, EXHAUST	133-7029	12
VALVE GUIDE	132-3214	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER	241-4441	24
VALVE SPRING, OUTER	214-0586	24
VALVE INSERT	179-9454	12
VALVE INSERT	179-9453	12
GASKET KIT UPPER	KMP-C12-K1D	1
GASKET KIT LOWER	KMP-C12-K2	1

OUT-OF-FRAME KIT: KMP144-2948.OFK-D

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C12-K1D	1
GASKET KIT LOWER	KMP-C12-K2	1

IN-FRAME KIT: KMP144-2948.IFK-D

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C12-K1D	1
OIL PAN GASKET	109-5308	1

NOTE: S/NOS. 2KS349-UP. STRAIGHT HEAD GASKET

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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CAT C12 ENGINE**ENGINE OVERHAUL KIT: KMP144-2948.EOK-E**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
CONROD BUSHING	115-2972	6
CAMSHAFT BUSHING	216-5584	1
CAMSHAFT BUSHING	216-5585	1
CAMSHAFT BUSHING	216-5583	5
VALVE, INLET	192-9213	12
VALVE, EXHAUST	133-7029	12
VALVE GUIDE	100-8150	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER	241-4441	24
VALVE SPRING, OUTER	214-0586	24
GASKET KIT UPPER	KMP-C12-K1E	1
GASKET KIT LOWER	KMP-C12-K2	1

OUT-OF-FRAME KIT: KMP144-2948.OFK-E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C12-K1E	1
GASKET KIT LOWER	KMP-C12-K2	1

IN-FRAME KIT: KMP144-2948.IFK-E

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 144-2948 CROWN	KM2948	6
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C12-K1E	1
OIL PAN GASKET	109-5308	1

NOTE: S/NOS. BDL1-UP. STRAIGHT HEAD GASKET**IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING**

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CAT C12 ENGINE

ENGINE OVERHAUL KIT: KMP197-9328.EOK-A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9328 CROWN	KM9328	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
CONROD BUSHING	115-2972	6
CAMSHAFT BUSHING	216-5584	1
CAMSHAFT BUSHING	216-5585	1
CAMSHAFT BUSHING	216-5583	5
VALVE, INLET	7E9578	12
VALVE, EXHAUST	133-7029	12
VALVE GUIDE	100-8150	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER	241-4441	24
VALVE SPRING, OUTER	214-0586	24
GASKET KIT UPPER	KMP-C12-K1F	1
GASKET KIT LOWER	KMP-C12-K2	1

OUT-OF-FRAME KIT: KMP197-9328.OFK-A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9328 CROWN	KM9328	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C12-K1F	1
GASKET KIT LOWER	KMP-C12-K2	1

IN-FRAME KIT: KMP197-9328.IFK-A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9328 CROWN	KM9328	6
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C12-K1F	1
OIL PAN GASKET	109-5308	1

NOTE: S/NOS. 1YN1-UP. SCALLOPED HEAD GASKET

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CAT C12 ENGINE

ENGINE OVERHAUL KIT: KMP197-9328.EOK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9328 CROWN	KM9328	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
CONROD BUSHING	115-2972	6
CAMSHAFT BUSHING	216-5584	1
CAMSHAFT BUSHING	216-5585	1
CAMSHAFT BUSHING	216-5583	5
VALVE, INLET	7E9578	12
VALVE, EXHAUST	133-7029	12
VALVE GUIDE	100-8150	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER	241-4441	24
VALVE SPRING, OUTER	214-0586	24
GASKET KIT UPPER	KMP-C12-K1G	1
GASKET KIT LOWER	KMP-C12-K2	1

OUT-OF-FRAME KIT: KMP197-9328.OFK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9328 CROWN	KM9328	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C12-K1G	1
GASKET KIT LOWER	KMP-C12-K2	1

IN-FRAME KIT: KMP197-9328.IFK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9328 CROWN	KM9328	6
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C12-K1G	1
OIL PAN GASKET	109-5308	1

NOTE: S/NOS. 1YN1-UP. STRAIGHT HEAD GASKET

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CAT C12 ENGINE

ENGINE OVERHAUL KIT: KMP197-9374.EOK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9374 CROWN	KM9374	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
CONROD BUSHING	115-2972	6
CAMSHAFT BUSHING	216-5584	1
CAMSHAFT BUSHING	216-5585	1
CAMSHAFT BUSHING	216-5583	5
VALVE, INLET	192-9213	12
VALVE, EXHAUST	133-7029	12
VALVE GUIDE	100-8150	24
VALVE LOCK	2A4429	48
VALVE SPRING, INNER	224-4441	24
VALVE SPRING, OUTER	214-0586	24
GASKET KIT UPPER	KMP-C12-K1H	1
GASKET KIT LOWER	KMP-C12-K2	1

OUT-OF-FRAME KIT: KMP197-9374.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9374 CROWN	KM9374	6
MAIN BEARING STD	211-0588	3
MAIN BEARING STD	211-0587	4
THRUST BEARING STD	246-3144	2
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C12-K1H	1
GASKET KIT LOWER	KMP-C12-K2	1

IN-FRAME KIT: KMP197-9374.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 197-9374 CROWN	KM9374	6
CONROD BEARING STD	116-1089	6
GASKET KIT UPPER	KMP-C12-K1H	1
OIL PAN GASKET	109-5308	1

NOTE: S/NOS.MBL1-UP

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CAT C15 ENGINE - APPLICATIONS

EXCAVATORS

SERIAL NO.

365C	ELC00001-UP
365C	FEN00001-UP
365C	GW00001-UP
365C	MCS00001-UP
365C	MCY00001-UP
365C	MEM00001-UP
365C	PAR00001-UP

DOZERS

SERIAL NO.

824H	ASX00001-UP
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COMPACTORS

SERIAL NO.

826H	AWF00001-UP
825H	AZW00001-UP

GENERATOR SETS

SERIAL NO.

C5E00001-UP
C5H00001-UP
C5L00001-UP
X4R00001-UP

WHEEL LOADERS

SERIAL NO.

980H	A8J00001-UP
980H	JMS00001-UP
980H	MHG00001-UP

TRACK TYPE TRACTORS

SERIAL NO.

D8T	J8B00001-UP
D8T	KPZ00001-UP

WHEEL TRACTORS

SERIAL NO.

621G	DBB00001-UP
623G	DBC00001-UP
627G	DBD00001-UP

WHEEL SCRAPERS

SERIAL NO.

657E	6PR00001-UP
657E	7KR00001-UP
657G	A7G00001-UP
657G	W1F00001-UP

INDUSTRIAL APPLICATIONS

SERIAL NO.

BEM00001-UP
Z2C00001-UP
JAS00001-UP
JRE00001-UP

TRUCKS

SERIAL NO.

735	B1N00001-UP
740	B1P00001-UP
740	B1R00001-UP

CYLINDER KITS AND COMPONENTS

PISTON/LINER RKIT	PISTON CROWN	PISTON SKIRT	CYLINDER LINER	PISTON PIN	INDIVIDUAL PISTON RINGS	LINE SEAL KIT
KM7351	180-7351	132-6663	197-9322	168-7246	189-9771+176-5749+177-7496	160-9874

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CAT C15 ENGINE

ENGINE OVERHAUL KIT: KMP180-7351.EOK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 180-7351 CROWN	KM7351	6
MAIN BEARING STD	321-5746	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	6I2726	6
CAMSHAFT BUSHING	216-5582	6
VALVE INLET	153-7023	12
VALVE EXHAUST	153-7024	12
VALVE GUIDE	122-7375	24
VALVE INSERT, INLET	175-3617	12
VALVE INSERT, EXHAUST	152-7582	12
VALVE LOCK	2A4429	48
VALVE SPRING, INNER	211-3122	24
VALVE SPRING, OUTER	211-3123	24
VALVE STEM SEAL	163-2478	24
INJECTOR SLEEVE	227-4239	6
GASKET KIT UPPER	KMP-C15-K1	1
GASKET KIT LOWER	KMP-C15-K2	1

OUT-OF-FRAME KIT: KMP180-7351.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 180-7351 CROWN	KM7351	6
MAIN BEARING STD	321-5746	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-C15-K1	1
GASKET KIT LOWER	KMP-C15-K2	1

IN-FRAME KIT: KMP180-7351.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 180-7351 CROWN	KM7351	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-C15-K1	1
OIL PAN GASKET	4N1151	1

NOTE: S/NOS. 6NZ1-UP

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CAT C16 ENGINE - APPLICATIONS

AGCO CHALLENGERS

SERIAL NO.

81600001-UP

81900001-UP

BAM00001-UP

BBP00001UP

BCC00001-UP

BDS00001-UP

TRUCKS

SERIAL NO.

7CZ00001-UP

W1A00001-UP

CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON CROWN	PISTON SKIRT	CYLINDER LINER	PISTON PIN	INDIVIDUAL PISTON RINGS	INDIVIDUAL LINER SEALS
KM8500	139-8500	238-2715	132-6881	168-7246	153-4101+139-8504+139-8505	9L5854+131-3717+110-2220+142-6217

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CAT C16 ENGINE

ENGINE OVERHAUL KIT: KMP139-8500.EOK-A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 139-8500 PISTON CROWN	KM8500	6
MAIN BEARING STD	321-5746	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P4377	6
CAMSHAFT BUSHING	216-5582	7
VALVE, INLET	153-7023	12
VALVE, EXHAUST	153-7024	12
VALVE LOCK	2A4429	48
VALVE SPRING , INNER	211-3122	24
VALVE SPRING , OUTER	211-3123	24
VALVE SPRING , OUTER	175-7523	24
VALVE GUIDE	122-7375	24
VALVE INSERT , EXHAUST	152-7582	12
VALVE INSERT , INLET	175-3617	12
GASKET KIT UPPER	KMP-C16-K1	1
GASKET KIT LOWER	KMP-C16-K2	1

OUT-OF-FRAME KIT: KMP139-8500.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 139-8500 PISTON CROWN	KM8500	6
MAIN BEARING STD	321-5746	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-C16-K1	1
GASKET KIT LOWER	KMP-C16-K2	1

IN-FRAME KIT: KMP139-8500.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 139-8500 PISTON CROWN	KM8500	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-C16-K1	1
OIL PAN GASKET	4N1151	2

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CAT C16 ENGINE

ENGINE OVERHAUL KIT: KMP139-8500.EOK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 139-8500 PISTON CROWN	KM8500	6
MAIN BEARING STD	321-5746	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
CONROD BUSHING	4P4377	6
CAMSHAFT BUSHING	216-5582	7
VALVE, INLET	153-7023	12
VALVE, EXHAUST	153-7024	12
VALVE LOCK	2A4429	48
VALVE SPRING	175-7523	24
VALVE GUIDE	122-7375	24
VALVE INSERT , EXHAUST	152-7582	12
VALVE INSERT , INLET	175-3617	12
GASKET KIT UPPER	KMP-C16-K1	1
GASKET KIT LOWER	KMP-C16-K2	1

OUT-OF-FRAME KIT: KMP139-8500.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 139-8500 PISTON CROWN	KM8500	6
MAIN BEARING STD	321-5746	7
THRUST BEARING STD	7E9262	2
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-C16-K1	1
GASKET KIT LOWER	KMP-C16-K2	1

IN-FRAME KIT: KMP139-8500.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 139-8500 PISTON CROWN	KM8500	6
CONROD BEARING STD	9Y7735	6
GASKET KIT UPPER	KMP-C16-K1	1
OIL PAN GASKET	4N1151	2

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CAT C18 ENGINE - APPLICATIONS

HYDRAULIC EXCAVATORS SERIAL NO.

385C	KBC00001-UP
385C	MNZ00001-UP
385C	MSF00001-UP
385C	WAW00001-UP
385CCL	TZE00001-UP
385CL	KGB00001-UP
385CL	KKK00001-UP
385C FS	EAM00001-UP
385C FS	GLT00001-UP
385C FS	MMA00001-UP
385C FS	TZF00001-UP
385C L	EDA00001-UP
385C L	JCM00001-UP
385L	SBE00001-UP

DOZERS SERIAL NO.

D9T	RJS00001-UP
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WHEEL LOADERS SERIAL NO.

988H	BXY00001-UP
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MOTOR GRADERS SERIAL NO.

24M	B9K00001-UP
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WHEELED TRACTORS SERIAL NO.

834H	BTX00001-UP
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SCRAPERS SERIAL NO.

631G	DFA00001-UP
637G	DFJ00001-UP
657G	A4G00001-UP
657G	W1B00001-UP
657G	W1C00001-UP

COMPACTORS SERIAL NO.

836H	BXD00001-UP
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ARTICULATED TRUCKS SERIAL NO.

772	RLB00001-UP
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TRUCKS SERIAL NO.

772	RLB00001-UP
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CYLINDER KITS AND COMPONENTS

PISTON/LINER KIT	PISTON BODY ASSY	CYLINDER LINER	PISTON PIN	INDIVIDUAL PISTON RINGS	INDIVIDUAL LINER SEALS
KM4511	329-4511	322-1126	180-7350	223-9159+238-2707+246-5659	155-0809+155-2793+9L5854
KM4510	329-4510	253-8766	180-7350	223-5159+238-2707+246-5659	155-0809+155-0810+155-2793+9L5854

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Engine Kit Programme

CAT C18 ENGINE

ENGINE OVERHAUL KIT: KMP329-4510.EOK-A

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 329-4510 PISTON	KM4510	6
MAIN BEARING STD	317-8766	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	224-3246	6
CONROD BUSHING	229-6259	6
CAMSHAFT BUSHING	216-5582	7
VALVE, INLET	236-5605	12
VALVE, EXHAUST	153-7024	12
VALVE LOCK	2A4429	48
VALVE SPRING , INNER	211-3122	24
VALVE SPRING , OUTER	247-9908	24
VALVE GUIDE	122-7375	24
VALVE INSERT , EXHAUST	226-5561	12
VALVE INSERT , INLET	280-3979	12
GASKET KIT UPPER	KMP-C18-K1	1
GASKET KIT LOWER	KMP-C18-K2	1

OUT-OF-FRAME KIT: KMP329-4510.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 329-4510 PISTON	KM4510	6
MAIN BEARING STD	317-8766	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	224-3246	6
GASKET KIT UPPER	KMP-C18-K1	1
GASKET KIT LOWER	KMP-C18-K2	1

IN-FRAME KIT: KMP329-4510.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 329-4510 PISTON	KM4510	6
CONROD BEARING STD	224-3246	6
GASKET KIT UPPER	KMP-C18-K1	1
OIL PAN GASKET	188-0210	1
OIL PAN GASKET	4N1151	2

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CAT C18 ENGINE

ENGINE OVERHAUL KIT: KMP329-4510.EOK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 329-4510 PISTON	KM4510	6
MAIN BEARING STD	317-8766	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	224-3246	6
CONROD BUSHING	229-6259	6
CAMSHAFT BUSHING	216-5582	7
VALVE, INLET	153-7023	12
VALVE, EXHAUST	153-7024	12
VALVE LOCK	2A4429	48
VALVE SPRING , INNER	211-3122	24
VALVE SPRING , OUTER	211-3123	24
VALVE GUIDE	122-7375	24
VALVE INSERT , EXHAUST	226-5561	12
VALVE INSERT , INLET	224-3983	12
GASKET KIT UPPER	KMP-C18-K1	1
GASKET KIT LOWER	KMP-C18-K2	1

OUT-OF-FRAME KIT: KMP329-4510.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 329-4510 PISTON	KM4510	6
MAIN BEARING STD	317-8766	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	224-3246	6
GASKET KIT UPPER	KMP-C18-K1	1
GASKET KIT LOWER	KMP-C18-K2	1

IN-FRAME KIT: KMP329-4510.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 329-4510 PISTON	KM4510	6
CONROD BEARING STD	224-3246	6
GASKET KIT UPPER	KMP-C18-K1	1
OIL PAN GASKET	188-0210	1
OIL PAN GASKET	4N1151	2

IT IS RECOMMENDED TO CHECK PART NUMBERS PRIOR TO ORDERING

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CAT C18 ENGINE**ENGINE OVERHAUL KIT: KMP329-4511.EOK-A**

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 329-4511 PISTON	KM4511	6
MAIN BEARING STD	317-8766	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	224-3246	6
CONROD BUSHING	229-6259	6
CAMSHAFT BUSHING	216-5582	7
VALVE, INLET	236-5605	12
VALVE, EXHAUST	153-7024	12
VALVE LOCK	2A4429	48
VALVE SPRING , INNER	211-3122	24
VALVE SPRING , OUTER	247-9908	24
VALVE GUIDE	122-7375	24
VALVE INSERT , EXHAUST	226-5561	12
VALVE INSERT , INLET	280-3979	12
GASKET KIT UPPER	KMP-C18-K1	1
GASKET KIT LOWER	KMP-C18-K2	1

OUT-OF-FRAME KIT: KMP329-4511.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 329-4511 PISTON	KM4511	6
MAIN BEARING STD	317-8766	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	224-3246	6
GASKET KIT UPPER	KMP-C18-K1	1
GASKET KIT LOWER	KMP-C18-K2	1

IN-FRAME KIT: KMP329-4511.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 329-4511 PISTON	KM4511	6
CONROD BEARING STD	224-3246	6
GASKET KIT UPPER	KMP-C18-K1	1
OIL PAN GASKET	188-0210	2
OIL PAN GASKET	4N1151	2

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CAT C18 ENGINE

ENGINE OVERHAUL KIT: KMP329-4511.EOK-B

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 329-4511 PISTON	KM4511	6
MAIN BEARING STD	317-8766	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	224-3246	6
CONROD BUSHING	229-6259	6
CAMSHAFT BUSHING	216-5582	7
VALVE, INLET	153-7023	12
VALVE, EXHAUST	153-7024	12
VALVE LOCK	2A4429	48
VALVE SPRING , INNER	211-3122	24
VALVE SPRING , OUTER	211-3123	24
VALVE GUIDE	122-7375	24
VALVE INSERT , EXHAUST	226-5561	12
VALVE INSERT , INLET	224-3983	12
GASKET KIT UPPER	KMP-C18-K1	1
GASKET KIT LOWER	KMP-C18-K2	1

OUT-OF-FRAME KIT: KMP329-4511.OFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 329-4511 PISTON	KM4511	6
MAIN BEARING STD	317-8766	7
THRUST BEARING STD	253-1752	2
CONROD BEARING STD	224-3246	6
GASKET KIT UPPER	KMP-C18-K1	1
GASKET KIT LOWER	KMP-C18-K2	1

IN-FRAME KIT: KMP329-4511.IFK

KIT CONTENTS	PART NO	QTY
LINER KIT WITH 329-4511 PISTON	KM4511	6
CONROD BEARING STD	224-3246	6
GASKET KIT UPPER	KMP-C18-K1	1
OIL PAN GASKET	188-0210	2
OIL PAN GASKET	4N1151	2

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