



INTERSTATE-McBEE



New Replacement Parts for **CATERPILLAR®** **3114-3116-3126-C7** **Engines**



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SERIAL NUMBER LISTING

3114

ESN	Appl	Piston	Crown	Model/MSN	Line
5JG	GEN	M-9Y7452			100
6AF	GEN	M-9Y7452			100
1ZG	IND	M-9Y7452			100
5EF	IND	M-7E1298			100
	IND	M-9Y7452			100
	IND	M-1154124			18
	IND		M-6I1210		19
	IND		M-1077545		20
4KR	IND	M-1077563			100
2FG	MACH	M-7E1298		446/6XF	100
	MACH	M-7E3428		RT100/1GJ, 918F/2CK-3TJ, IT18F/5EJ-6ZF	21
	MACH	M-9Y7452		205B/5ZF	100
	MACH	M-1077563		924F/4YN-5NN-6MN, IT24F/4NN-6KN	23
	MACH	M-1077563		446B/5BL, 446D/DBL	22
2ZF	MACH	M-7E3428		918F/5DL	21
	MACH	M-7C5668		IT12B/1KF, IT12F/1KF, IT14B/3NJ, IT14F/4EL, 910E-F/1SF	24
	MACH	M-9Y7452		E110B/5GK-8MF, E120B/4XK-6JF	100
	MACH	M-1077563		924F/7PN	23
4RR	MACH	M-1077563		446B/5BL	22
	MACH	M-1077563		924F/4YN-5NN, IT24F/4NN	23
97Z	MACH	M-7E1298		CB434/3TF, 446B/5BL	100
	MACH	M-7E3428		918F/3TJ, IT18F/6ZF	21
	MACH	M-1077563		446B/5BL,	22
	MACH	M-1077563		924F/4YN-5NN-6MN, IT24F/4NN-6KN	23

SERIAL NUMBER LISTING

3116

ESN	Appl	Piston	Crown	Model/MSN	Line
1NJ	GEN	M-7C5668			8
2SG	GEN	M-7C5668			8
2MR	IND	M-1077563			11
	IND		M-1077545		12
2WG	IND	M-7E1298			100
	IND	M-9Y7452			100
	IND	M-1154124			9
	IND	M-1077563			11
	IND		M-6I1210		4
	IND		M-1077545		12
4PG	IND	M-7C5668			8
	IND	M-7E1298			100
	IND	M-9Y7452			100
	IND	M-1154124			9
	IND		M-6I1210		4
	IND		M-1077545		12
5EN	IND	M-1077563			11
	IND		M-1077545		12
1CK	MACH	M-7C5668		E200B/6KF-7DF	8
	MACH	M-7E1298		E240B/5WG-8SF, E240C/2RL-9PK	100
	MACH	M-7E3428		320/1TL-7WK	13
	MACH		M-1077545	322B/1AS-8MR-8NR, 325/5WK-6KK-7CJ-8JG-8NL-9KL	12
	MACH		M-1077545	D5M/4JS-5ES-5FS-6AS, 950F/4DJ, 960F/6XL	14
4TF	MACH	M-7C5668		E200B/6KF&7DF	8
	MACH	M-7E1298		CS563/7GG, CS573/8PK, CS583/1EL	100
	MACH	M-7E3428		320L/3XK-4RM-4ZJ-6KM-9WG	13
	MACH	M-7E3428		IT28F/1JL, IT38F/5DR, 953B/5MK, 928F/8AK, 120H/5FM-6YN	15
	MACH	M-1077563		M318/6ES-8AL-8SS, M320/6WL-9PS, CS531/3AZ-4KM-4MZ-9RN-AGH, CS533/2XN-3YN-4HL-5AL-5CZ-6AZ, CS563/4LN-5AJ-5KN-7GG, CS573/6LN-8PK, CS583/1EL-7NN	11
	MACH	M-1077563		IT28G/8CR-9AR, 928G/6XR-7SR, 938F/2RM, 953C/2ZN, 963B/9BL	16
	MACH	M-1154124		320L/4ZJ-6KM	9
	MACH		M-6I1210	325L/2SK-2SL-3LL	4
	MACH		M-6I1210	950F/6YG, 960F/4CL	17
	MACH		M-1077545	AP1000B/AGP-BYG, AP1055B/B2G, 320B/1XS-2AS-3YZ-5MS-6LW-7JR-9WS, 322B/1ZS-2ES-8ML-9JL, 325B/4DS-5BS-6DN-8FN, 325L/2SK-2SL-3LL, CS563D/2RZ-5LZ-9MW-9ZW, CS573D/2YZ, C583D/2CZ-3GZ-CMK	12
	MACH		M-1077545	D5M/3CR-3DR-4BR, D6M/2RN-3WN-9ZM, 561M/1KW, 613C/8LJ-93X-KEH, 950F/6YG-7ZF-8TK, 960F/4CL, 963C/2DS, 963B/9BL	14

SERIAL NUMBER LISTING

3116

ESN	Appl	Piston	Crown	Model/MSN	Line
6RR	MACH	M-7E3428		IT28F/3CL	15
	MACH	M-1077563		IT28G/8CR, 928G/6XR	16
7JS	MACH		M-1077545	D6M/5WR-6LR	14
	MACH	M-7E1298		AP1050/1JG, CS531/3WM, CS533/3BL-3ZL, CS563/1SZ-1YJ	100
	MACH	M-7E3428		IT28F/3CL, 928F/2XL	15
	MACH	M-1154124		CB634/3BR-5CL	9
	MACH	M-1077563		AP1000/1HD, AP1050/1JG, CS531/3WM-5ZN, CS533/2WN-3BL-3XN-3ZL, CS563/1SZ-1YJ-4KN-5JN, CB634/3BR-5CL, CS583/7MN	11
	MACH	M-1077563		120H/2AN-4MK-5FM-6NM-6TM-9YR, 135H/3YK-8WN, 928G/6XR, IT28G/8CR, IT38F/6FN, 938F/1KM-7SN	16
	MACH		M-6I1210	325/7LM-7TG-8NK-8YK	4
	MACH		M-6I1210	950F/5SK-7ZF-8TK	17
	MACH		M-1077545	AP900/AGJ-AGL, AP1000/1HD-7HN-8GN, AP1055/ABB-6TN, CS563/9MW-9ZW, CS583/2CZ, 322B/1YS, 322L/9RL, 325/7LM-7TG, 325B/2JR, 325L/6RM-8NK-8YK	12
	MACH		M-1077545	613C/8LJ-93X, 950F/2LM-5SK-7ZF-8TK, 960F/1YM9ZJ	14
1SK	MARINE		M-6I4248		5
4KG	MARINE		M-6I1210		4
	MARINE		M-6I4248		5
2BK	TRUCK	M-4P2990			1
	TRUCK	M-6I1144			2
	TRUCK	M-1014495			3
	TRUCK		M-6I1210		4
	TRUCK		M-6I4248		5
2CW	TRUCK		M-1427307		100
2FR	TRUCK	M-1051710			6
	TRUCK		M-1077553		7
3RJ	TRUCK		M-6I4248		5
5JZ	TRUCK	M-1014495			3
5RM	TRUCK	M-1014495			3
7AG	TRUCK		M-6I4248		5
7JL	TRUCK	M-1051710			6
	TRUCK		M-1077553		7
7SF	TRUCK	M-7C5668			8
	TRUCK	M-1154124			9
	TRUCK		M-6I1210		4
8WL	TRUCK		M-1077852		

SERIAL NUMBER LISTING 3116

ESN	Appl	Piston	Crown	Model/MSN	Line
9GK	TRUCK	M-1014495			3
	TRUCK	M-1051710			6
	TRUCK		M-1051720		10
	TRUCK		M-1077553		7
9LN	TRUCK	M-6I1144			2
	TRUCK	M-1051710			6
	TRUCK	M-1077563			11
	TRUCK		M-1077553		7
9YN	TRUCK	M-1014495			3
	TRUCK	M-1051710			6
	TRUCK		M-1051720		10
	TRUCK		M-1077553		7
CSM	TRUCK	M-1051710			6
	TRUCK		M-1077553		7

SERIAL NUMBER LISTING 3126

ESN	Appl	Piston	Crown	Model/MSN	Line
BDZ	GEN		M-1504621		26
3TR	IND		M-1335044		25
6MS	IND		M-1334983		27
9ZR	IND		M-1334983		27
CKK	IND		M-1753671		100
BEJ	IND		M-1504621		26
	IND	M-2382729			29
DCD	IND		M-1504621		11
DCS	IND		M-1504621		7
	IND	M-2382729			3
3AK	MACH		M-1334983	322C/BKM-BLP ,938G/8RS, 950G/5MW, 962G/5RS-6HW	27
55K	MACH		M-1334983	322C/BKJ-BPH-CAM-CBY,TK370/WBD, TK371/WBG, TK380/WBE, TK381/WBH, 525B/3KZ, 533/CDR, 535B/AAE, 539/1PZ, 543/ASJ, IT38G/7BS, 938G/4YS-9HS, 950G/3JW-4BS-8JW, IT62G/6PS, 962G/4PW-5AS-6EW	27
6JK	MACH		M-1334983	322C/BFK-BGR, 550/7ZN, 570/4XR, 574/1FM, 580/7CN, IT38G/1CW, 938G/6WS-9HS, 950G/2JS-5FW-8JW, IT62G/AKP, 962G/3BS-6EW-7BW-BDP	27

SERIAL NUMBER LISTING

3126

ESN	Appl	Piston	Crown	Model/MSN	Line
5GG	MACH		M-1504621	322C/DAA-FED-G1L-HEK-LAR-M2H, 325C/AMH-BKW-BMM-BTD-C3R-M2K-S2C-S3M-Y4P	26
5GG	MACH		M-1504621	IT38G/CSX, 938G/CRD, 950G/AXR-AXS-AXX-AXY-AYB-AYE-AYL, 962G/BAB	26
5GG	MACH	M-2382729		322C/C3R-DAA-FED-HEK-LAR-M2H	29
5GG	MACH	M-2382729		IT38G/CSX, 938G/CRD, 950G/AXR-AXS-AXX-AXY-AYB-AYE-AYL, 962G/BAB	29
BMA	MACH		M-1504621	322C/EMR-MAR, 325C/CRB-CSJ-DTF-JLC-JLD,570B/CKG, 580B/CLT, M325C/PAN-XJA	26
BMA	MACH		M-1504621	D5N/AGG-AKD, D6N/AKM-ALH-ALR-ALY-CBJ-CCK, 938G/PHN-RTB, 950G/AYB-AYL-BAA, IT62G/AYA, 962G/AYE-BAB-BAD	26
BMA	MACH	M-2382729		322C/EMR-MAR, 325C/CRB-CSJ-DTF-JLC-JLD-MSG, M325C/PAN-XJA	29
BMA	MACH	M-2382729		120H/124-ALZ-CAF, 135H/AMX-CBC, D5N/AGG-AKD, D6N/AKM-ALH-ALR-ALY-CBJ-CCK, 561N/CPH-TAD, 953C/BBX, 963C/BBD, IT38G/JAN, 938G/PHN-RTB	29
CSW	MACH		M-1504621	938G/B9Y, 950G/AYD-AYS, 962G/AYG-BAC,	26
CSW	MACH	M-2382729		D5N/CFH-CKT, D6N/CBF-CBL-CCG-CCS, 561N/CPH-TAD, 938G/B9Y	29
1ZJ	MARINE		M-1646556		100
	MARINE		M-1753671		100
4EZ	MARINE		M-1646556		100
6MK	MARINE		M-1646556		100
	MARINE		M-1753671		100
6SR	MARINE		M-1646556		100
8NM	MARINE		M-1646556		100
NSW	MARINE		M-1646556		100
3GS	MARINE		M-1504621		26
	MARINE		M-1654265		100
9ZF	MARINE		M-1504621		26
	MARINE		M-1654265		100
1BW	TRUCK		M-1335044		25
	TRUCK		M-1504621		26
1WM	TRUCK		M-1335044		25
	TRUCK		M-1443444		100
4ES	TRUCK		M-1335044		25
6PZ	TRUCK		M-1504621		26
7JZ	TRUCK		M-1504621		26
7LZ	TRUCK		M-1335044		25
8HW	TRUCK		M-1443444		100
8SZ	TRUCK		M-1504621		26

SERIAL NUMBER LISTING 3126

ESN	Appl	Piston	Crown	Model/MSN	Line
1AJ	TRUCK		M-1504621		26
5GL	TRUCK		M-1504621		26
7AS	TRUCK		M-1504621		26
8YL	TRUCK		M-1504621		26
	TRUCK		M-1723282		28
	TRUCK	M-2382729			29
BKD	TRUCK		M-1504621		26
	TRUCK	M-2382729			29
9SZ	TRUCK		M-1504621		26
	TRUCK	M-2382729			29
CKM	TRUCK		M-1504621		26
	TRUCK	M-2382729			29
CRP	TRUCK		M-1504621		26
DPF	TRUCK		M-1979320		100
	TRUCK	M-1979340			100
G3E	TRUCK		M-1504621		26
HEP	TRUCK		M-1504621		26
	TRUCK	M-2382729			29
LEF	TRUCK		M-1504621		26

SERIAL NUMBER LISTING C7

ESN	Appl	Piston	Crown	Model/MSN	Line
JKL	IND	M-2382720			100
JRA	IND	M-2382720			100
JTF	IND	M-2382698			30
	IND	M-2382720			100
PRY	IND	M-2382720			100
C7C	MACH	M-2382698		AP755/B3T, 324D/BTK-EJC-KJR-LAB-SYM-T2D-TRH, 325D/C3N-GBR-GPB-LAL-MCL-PKE-SRC, M325D/EDF-KAY, 329D/BFC-L5H-SCY-TPM	30
	MACH	M-2382720		PM102/Z2X, 325D/C3N-GBR-GPB-LAL-MCL-NAC-PAL-PKE-SRC, M325D/KGG, 329D/BFC-CZF-EBM-LGN-SCY-TPM-WLT-XDB	100
	MACH	M-2382720		950H/M1G-N1A, IT62H/M5G, 962H/M3G-N4A	100
KHX	MACH	M-2382698		324D/BTK-CJX-DFP-JAT-JJD-JKR-JLS-JZR-MND-PYT-T2D-TRH-TSN, 325D/AZP-DBH-ERK-KBE-KDG-SCR, M325D/EDF-KAY, 328D/MKR, 329D/BYS-CZF-DJF-MNB-RSK-WDK	30
	MACH	M-2382698		12K/JJA-SZP, 120K/JAP-SZN-SZS	30

SERIAL NUMBER LISTING

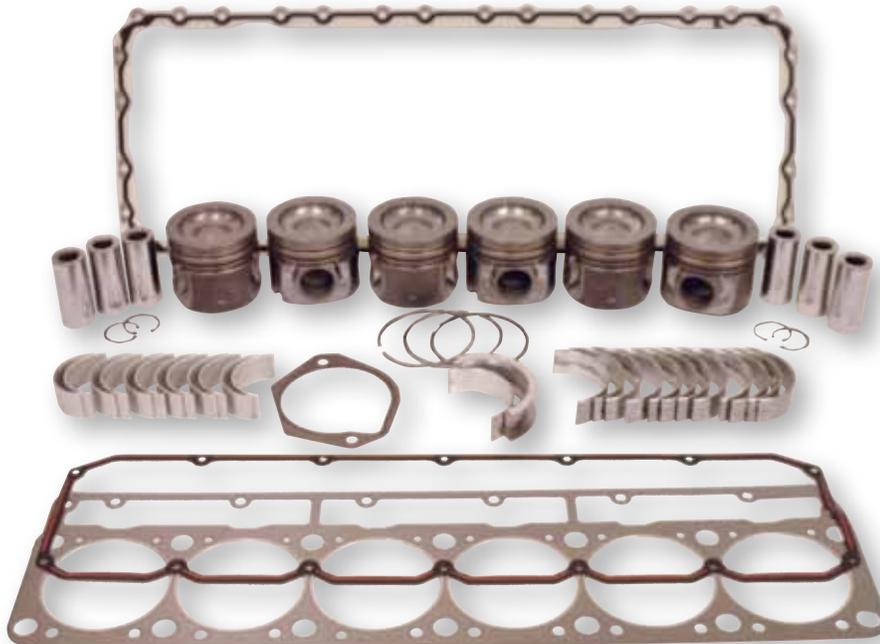
C7

ESN	Appl	Piston	Crown	Model/MSN	Line
KHX	MACH	M-2382720		AP755/B3T, AP1000D/BPW-EAD, AP1055D/A6P-BNW-BXW-FAC, 325D/A3R-AZP-C4H-C7K-C8L-C9M-DBH-H3N-JCL-KBE-KDG-PAL-RJK-SCR-T2S, M325D/KGG, 328D/GTN-RMX, 329D/DJF-DTZ-EBM-JHJ-L5H-MNB-WDK-WLT-XDB-YFW, 584/PAK-PBK, 2748/PCH-PCL, 2948/PCH-PCL	100
	MACH	M-2382720		140K/JPA-SZL-SZW, 140M/B9D-B9G-B9M-D9G, 160K/JBP-SZM, 525C/525, 535C/535, 545C/545, 950H/J5J-JAD-K5K-M1G-N1A, IT62H/M5G, 962H/J6J-K6K-M3G-MAL-N4A	100
C7B	MARINE		M-1504621		26
	MARINE		M-1654265		100
C7X	MARINE		M-1504621		26
	MARINE		M-1654265		100
M7A	MARINE	M-2807281			100
M7G	MARINE		M-1504621		26
	MARINE		M-1654265		100
C7P	PETROL	M-2382720			100
K2A	PETROL	M-2382720			100
C7S	TRUCK	M-2627330			31
	TRUCK	M-2629288			32
	TRUCK	M-2780574			100
FML	TRUCK	M-2382720			100
FMM	TRUCK	M-2382720			100
JRT	TRUCK	M-2382720			100
KAL	TRUCK	M-2382698			30
	TRUCK	M-2382720			100
LBM	TRUCK	M-2382698			30
	TRUCK	M-2382720			100
NPH	TRUCK	M-2382698			30
	TRUCK	M-2382720			100
RMF	TRUCK	M-2382720			100
SAP	TRUCK	M-2382698			30
	TRUCK	M-2382720			100
TSK	TRUCK	M-2382720			100
WAX	TRUCK	M-2382698			30
	TRUCK	M-2382720			100
YPG	TRUCK	M-2382720			100

ENGINE KIT LISTING

Line	Inframe Kit	Overhaul Kit
1	MCIF2990-6	MCOH2990-6
2	MCIF1144-6	MCOH1144-6
3	MCIF4495-6	MCOH4495-6
4	MCIF1210	MCOH1210
5	MCIF4248	MCOH4248
6	MCIF1710-6	MCOH1710-6
7	MCIF7553	MCOH7553
8	MCIF5668-6	MCOH5668-6
9	MCIF4124-6	MCOH4124-6
10	MCIF1720	MCOH1720
11	MCIF7563-6	MCOH7563-6
12	MCIF7545	MCOH7545
13	MCIF3428-6	MCOH3428-6
14	MCIF7545	MCOH7545W*
15	MCIF3428-6	MCOH3428-6W*
16	MCIF7563-6	MCOH7563-6W*
17	MCIF1210	MCOH1210W

Line	Inframe Kit	Overhaul Kit
18	MCIF4124-4	MCOH4124-4
19	MCIF1210-4	MCOH1210-4
20	MCIF7545-4	MCOH7545-4
21	MCIF3428-4	MCOH3428-4
22	MCIF7563-4	MCOH7563-4
23	MCIF7563-4	MCOH7563-4W
24	MCIF5668-4	MCOH5668-4
25	MCIF5044	MCOH5044
26	MCIF4621	MCOH4621
27	MCIF4983	MCOH4983
28	MCIF3282	MCOH3282
29	MCIF2729	MCOH2729
30	MCIF2698	MCOH2698
31	MCIF7330	MCOH7330
32	MCIF9288	MCOH9288
100	Check Availability	



*Wet clutch

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3114/3116 PARTS LISTING

CYLINDER COMPONENTS

Part #	Qty		Description	Comment
	3114	3116		
M-PK1144		6	Piston Kit	M-6I1144 piston
M-PK1298	4	6	Piston Kit	M-7E1298 piston
M-PK1710		6	Piston Kit	M-1051710 piston
M-PK2990		6	Piston Kit	M-4P2990 piston
M-PK3428	4	6	Piston Kit	M-7E3428 piston
M-PK4124	4	6	Piston Kit	M-1154124 piston
M-PK4495		6	Piston Kit	M-1014495 piston
M-PK5668	4	6	Piston Kit	M-7C5668 piston
M-PK7452	4	6	Piston Kit	M-9Y7452 piston
M-PK7563	4	6	Piston Kit	M-1077563 piston
M-PK1210	4	6	Piston Kit Articulated	M-6I1210 crown
M-PK1720		6	Piston Kit Articulated	M-1071720 crown
M-PK4248		6	Piston Kit Articulated	M-6I4248 crown
M-PK7307		6	Piston Kit Articulated	M-1427307 crown
M-PK7545	4	6	Piston Kit Articulated	M-1077545 crown
M-PK7553		6	Piston Kit Articulated	M-1077553 crown
M-PK7852		6	Piston Kit Articulated	M-1077852 crown
M-2382716	4	6	Piston Skirt	
M-PK7791	4	6	Piston Skirt Kit	Skirt, pin, ringset & retainers
M-7C115	4	6	Piston Pin	
M-7C3901	4	6	Piston Pin - Articulated	
M-7C111	8	12	Pin Retainers	
M-7E5213	4	6	Ring Set	
M-4P6914	4	6	Ring Set	
M-RS1051720		6	Ring Set	
M-7C6208	AR	AR	Cylinder Salvage Sleeve	
M-2133193	4	6	Connecting Rod Assembly	Fracture split type

3114/3116 PARTS LISTING

ENGINE BEARINGS

Part #	Qty		Description	Comment
	3114	3116		
M-2246638	4	6	Rod Bearing - STD	
M-7C6976	4	6	Rod Bearing - .25mm OS	
M-7C6977	4	6	Rod Bearing - .50mm OS	
M-1011530	3	3	Main Bearing - STD	
M-1077708	1	3	Main Bearing - STD	
M-2124893	1	1	Main Bearing - STD	
M-1450163	3	3	Main Bearing - .25mm OS	
M-1450162	1	3	Main Bearing - .25mm OS	
M-2295153	1	1	Main Bearing - .25mm OS	
M-1450165	3	3	Main Bearing - .50mm OS	
M-1450164	1	3	Main Bearing - .50mm OS	
M-2295154	1	1	Main Bearing - .50mm OS	
M-1077708		6	Main Bearing - STD	
M-2124893		1	Main Bearing - STD	
M-1450162		6	Main Bearing - .25mm OS	
M-2295153		1	Main Bearing - .25mm OS	
M-1450164		6	Main Bearing - .50mm OS	
M-2295154		1	Main Bearing - .50mm OS	
M-2165586	1	1	Camshaft Bearing	
M-2W7213	4	6	Camshaft Bearing	
M-2W0027	4	6	Connecting Rod Bushing	
M-2W7566	1	1	Idler Gear Bushing	

CRANKSHAFT SEALS

Part #	Qty		Description	Comment
	3114	3116		
M-2715658		1	Crankshaft	Less gear
M-2457339	1	1	Front Crankshaft Seal	
M-2223909	1	1	Rear Crankshaft Seal	Dry housing
M-2223910	1	1	Rear Crankshaft Seal	Wet housing

3114/3116 PARTS LISTING

CYLINDER HEAD COMPONENTS MUI ENGINES

Part #	Qty		Description	Comment
	3114	3116		
M-7W8064	4	6	Valve - Intake	
M-7W8065	4	6	Intake Seat	
M-1360819	4	6	Valve - Exhaust	
M-1W2713	4	6	Exhaust Seat	
M-1W2715	16	24	Valve Lock	
M-9Y8848	8	12	Valve Guide	
M-7C4273	8	12	Valve Spring - Both	2.80" L
M-7C4273		6	Valve Spring - Intake	2.80" L
M-6I2307		6	Valve Spring - Exhaust	3.20" L
M-7E7779	8	12	Spring Retainer - Both	.390" thick
M-7E7779		6	Spring Retainer - Intake	.390" thick
M-1335037		6	Spring Retainer - Exhaust	.540" thick
M-1193036	8	12	Valve Stem Seal	
M-1193061	4	6	Injector Tube	
M-6I1241	8	12	Pushrod - Valve	
M-4P8577	4	6	Pushrod - Injector	

CYLINDER HEAD COMPONENTS HEUI ENGINES

Part #	Qty		Description	Comment
	3114	3116		
M-1614280		6	Valve - Intake	
M-1639063		6	Intake Seat	
M-1360819		6	Valve - Exhaust	
M-1W2713		6	Exhaust Seat	
M-1W2715		24	Valve Lock	
M-9Y8848		12	Valve Guide	
M-1193045		6	Valve Spring - Intake	
M-6I2307		6	Valve Spring - Exhaust	
M-7E7779		6	Spring Retainer - Intake	
M-1335037		6	Spring Retainer - Exhaust	
M-1193036		12	Valve Stem Seal	
M-1193061		6	Injector Tube	

3114/3116 PARTS LISTING

FUEL SYSTEM

Part #	Qty		Description	Comment
	3114	3116		
M-4P2995	4	6	Fuel Injector - MUI	
M-1278213	4	6	Fuel Injector - MUI	
M-1278216	4	6	Fuel Injector - MUI	
M-1278218	4	6	Fuel Injector - MUI	
M-1278222	4	6	Fuel Injector - MUI	
M-1278225	4	6	Fuel Injector - MUI	
MCB41955/31	4	6	Nozzle & Tip Assembly	M-1278213
MCB41966/31	4	6	Nozzle & Tip Assembly	M-1278216
MCB41986/31	4	6	Nozzle & Tip Assembly	M-1278218
MCB41996/31	4	6	Nozzle & Tip Assembly	M-1278222
MCB41956/31	4	6	Nozzle & Tip Assembly	M-1278225
M-6V6228	4	6	Injector O-ring - Upper	MUI
M-0328970	4	6	Injector O-ring - Lower	MUI
M-1148718		6	Injector O-ring - Upper	HEUI
M-1258274		6	Injector O-ring - Lower	HEUI
M-1052508		1	Fuel Priming Pump	
M-1P436		1	Fuel Priming Pump Gasket	

LUBRICATION SYSTEM

Part #	Qty		Description	Comment
	3114	3116		
M-1898777	1	1	Oil Pump	

3114/3116 PARTS LISTING

COOLING SYSTEM

Part #	Qty		Description	Comment
	3114	3116		
M-1265869	1		Regulator	94°C
M-1193075	1	1	Regulator	94°C
M-1957339	1	1	Regulator Gasket	
M-2W7212	1	1	Regulator Gasket	
M-7C4508	1	1	Water Pump	
M-4P3683		1	Water Pump	
M-7X2528	1	1	Water Pump Installation Kit	

CUSTOM GASKET SETS

Part #	Qty		Description	Comment
	3114	3116		
MCB3114011	1		Overhaul Gasket Set	
MCB3114021	1		Overhaul Gasket Set	Wet clutch
MCB3114012	1		In Chassis Gasket Set	
MCB3114013	1		Cylinder Head Gasket Set	
MCB3116011		1	Overhaul Gasket Set	Truck, industrial
MCB3116021		1	Overhaul Gasket Set	Machine wet clutch
MCB3116031		1	Overhaul Gasket Set	Machine, marine dry clutch
MCB3116012		1	In Chassis Gasket Set	
MCB3116013		1	Cylinder Head Gasket Set	Truck
MCB3116023		1	Cylinder Head Gasket Set	Industrial, machine, marine



3114/3116 PARTS LISTING

GASKETS

Part #	Qty		Description	Comment
	3114	3116		
M-7C1152		1	Aftercooler Gasket	
M-1359819		1	Air Compressor Mounting Seal	
M-4Y9652	2	3	Cam Follower Cover Gasket	
M-1136200	2	3	Exhaust Manifold Gasket	
M-0L364	2		Exhaust Manifold Lock	
M-1560235	2	5	Exhaust Manifold Lock	
M-6I3033	1	1	Exhaust Manifold Lock	
M-1393256	1	1	Front Cover Gasket	
M-7C1159	1		Fuel Filter Base Gasket	
M-7C1151	1		Intake Manifold Cover Gasket	
M-7C1152		1	Intake Manifold Cover Gasket	
M-4P1624		1	Intake Manifold Cover Gasket	
M-1154245	1		Intake Manifold Gasket	Manifold to head
M-1136250		1	Intake Manifold Gasket	Manifold to head
M-7C1162	1		Oil Cooler Gasket	Inner
M-7C1163	1		Oil Cooler Gasket	Outer
M-2337655		1	Oil Cooler Gasket	Inner
M-2337654		1	Oil Cooler Gasket	Outer
M-8M4445	2		Oil Cooler Seal Ring	
M-3P1156		2	Oil Cooler Seal Ring	
M-2337654		1	Oil Filter Base Gasket	
M-5F9652	3	2	Oil Filter Base Seal	
M-8L2786	1		Oil Pan Drain Seal	
M-3K360		1	Oil Pan Drain Seal	
M-1193072	1		Oil Pan Gasket	
M-2613816		1	Oil Pan Gasket	
M-7W5340	1	1	Oil Pickup Tube Gasket	
M-1957339	1	1	Regulator Gasket	
M-2W7212	1	1	Regulator Gasket	
M-7C7431	1	1	Turbo Mounting Gasket	
M-7W2398	1	1	Turbo Oil Drain Gasket	
M-1S7057	1	1	Turbo Oil Supply Gasket	
M-1192950	1		Valve Cover Gasket	
M-1192940		1	Valve Cover Gasket	
M-2M4453	1		Water Pump Mounting Seal	
M-7F8267	1		Water Pump Mounting Seal	
M-4J525		1	Water Pump Mounting Seal	

3126/C7 PARTS LISTING

CYLINDER COMPONENTS

Part #	Qty		Description	Comment
	3126	C7		
M-PK2729	6		Piston Kit	M-2382729 piston
M-PK3282	6		Piston Kit Articulated	M-1723282 crown
M-PK3444	6		Piston Kit Articulated	M-1443444 crown
M-PK3671	6		Piston Kit Articulated	M-1753671 crown
M-PK4265	6	6	Piston Kit Articulated	M-1654265 crown
M-PK4621	6	6	Piston Kit Articulated	M-1504621 crown
M-PK4983	6		Piston Kit Articulated	M-1334983 crown
M-PK5044	6		Piston Kit Articulated	M-1335044 crown
M-PK6556	6		Piston Kit Articulated	M-1646556 crown
M-PK9320	6		Piston Kit Articulated	M-1979320 crown
M-PK9340	6		Piston Kit	M-1979340 piston
M-PK0574		6	Piston Kit	M-2780574 piston
M-PK2698		6	Piston Kit	M-2382698 piston
M-PK2720		6	Piston Kit	M-2382720 piston
M-PK7281		6	Piston Kit	M-2807281 piston
M-PK7330		6	Piston Kit	M-2627330 piston
M-PK9288		6	Piston Kit	M-2629288 piston
M-2382726	6	6	Piston Skirt	
M-1687224	6	6	Piston Pin	
M-1687226	6	6	Piston Pin - Articulated	
M-1979371		6	Piston Pin	
M-2382735		6	Piston Pin	
M-2860184		6	Piston Pin	
M-7C111	12	12	Pin Retainers	
M-7X2908		12	Pin Retainers	
M-1979372		12	Pin Retainers	
M-RS3126E	6		Ring Set	
M-RS1646556	6		Ring Set	
M-RS1654265	6		Ring Set	
M-RS2382698		6	Ring Set	
M-RS2382720		6	Ring Set	
M-RS2629288		6	Ring Set	

3126/C7 PARTS LISTING

CYLINDER COMPONENTS

Part #	Qty		Description	Comment
	3126	C7		
M-RS2807281		6	Ring Set	
M-1077604	6	6	Cylinder Salvage Sleeve	
M-2133193	6	6	Connecting Rod Assembly	Fracture split type

ENGINE BEARINGS

Part #	Qty		Description	Comment
	3126	C7		
M-2246638	6	6	Rod Bearing - STD	
M-7C6976	6	6	Rod Bearing - .25mm OS	
M-7C6977	6	6	Rod Bearing - .50mm OS	
M-1077708	6	6	Main Bearing - STD	
M-2124893	1	1	Main Bearing - STD	
M-1450162	6	6	Main Bearing - .25mm OS	
M-2295153	1	1	Main Bearing - .25mm OS	
M-1450164	6	6	Main Bearing - .50mm OS	
M-2295154	1	1	Main Bearing - .50mm OS	
M-2165586	1	1	Camshaft Bearing	
M-2W7213	6	6	Camshaft Bearing	
M-2W0027	6	6	Connecting Rod Bushing	
M-2W7566	1		Idler Gear Bushing	Large
M-2W9930	1		Idler Gear Bushing	Small

CRANKSHAFT SEALS

Part #	Qty		Description	Comment
	3126	C7		
M-2715658		1	Crankshaft	Less gear
M-2457339	1	1	Front Crankshaft Seal	
M-2223909	1	1	Rear Crankshaft Seal	Dry housing
M-2223910	1	1	Rear Crankshaft Seal	Wet housing

3126/C7 PARTS LISTING

CYLINDER HEAD COMPONENTS 2 VALVE MUI ENGINES

Part #	Qty		Description	Comment
	3126	C7		
M-1614280	6		Valve - Intake	
M-1639063	6		Intake Seat	
M-1360819	6		Valve - Exhaust	
M-1W2713	6		Exhaust Seat	
M-1W2715	24		Valve Lock	
M-9Y8848	12		Valve Guide	
M-7C4273	12		Valve Spring	2.80" L
M-7E7779	12		Spring Retainer	.390" thick
M-1193036	12		Valve Stem Seal	
M-1193061	6		Injector Tube	
M-6I1241	12		Pushrod - Valve	
M-4P8577	6		Pushrod - Injector	

CYLINDER HEAD COMPONENTS 2 VALVE HEUI ENGINES

Part #	Qty		Description	Comment
	3126	C7		
M-1618280	6		Valve - Intake	
M-1639063	6		Intake Seat	
M-1360819	6		Valve - Exhaust	
M-1W2713	6		Exhaust Seat	
M-1W2715	24		Valve Lock	
M-9Y8848	12		Valve Guide	
M-7C4273	12		Valve Spring - Both	2.80" L
M-7C4273	6		Valve Spring - Intake	2.80" L
M-6I2307	6		Valve Spring - Exhaust	3.20" L
M-7E7779	12		Spring Retainer - Both	.390" thick
M-7E7779	6		Spring Retainer - Intake	.390" thick
M-1335037	6		Spring Retainer - Exhaust	.540" thick
M-1193036	12		Valve Stem Seal	
M-1193061	6		Injector Tube	

3126/C7 PARTS LISTING

FUEL SYSTEM

Part #	Qty		Description	Comment
	3126	C7		
M-1148718	6		Injector O-ring - Upper	MUI & HEUI 2V
M-1258274	6		Injector O-ring - Lower	MUI & HEUI 2V
M-2421539	6		Injector Seal Ring Kit	HEUI 3V
M-2974841		6	Injector Seal Ring Kit	HEUI-II
M-1052508	1		Fuel Priming Pump	
M-1375541		1	Fuel Priming Pump	
M-1P436	1	1	Fuel Priming Pump Gasket	

LUBRICATION SYSTEM

Part #	Qty		Description	Comment
	3126	C7		
M-1898777	1	1	Oil Pump	

COOLING SYSTEM

Part #	Qty		Description	Comment
	3126	C7		
M-1265869	1		Regulator	94°C
M-1154223	1		Regulator	97°C
M-1154223	2	2	Regulator	97°C
M-7C4508	1		Water Pump	
M-1208402	1	1	Water Pump	
M-1268227	1	1	Water Pump	
M-7X2528	1		Water Pump Installation Kit	
M-3083436		1	Water Pump Installation Kit	

3126/C7 PARTS LISTING

CUSTOM GASKET SETS

Part #	Qty		Description	Comment
	3126	C7		
MCB3126121	1		Overhaul Gasket Set	2V HEUI truck & industrial
MCB3126122	1		In Chassis Gasket Set	
MCB3126123	1		Cylinder Head Gasket Set	
MCB3126061	1		Overhaul Gasket Set	3V HEUI machine wet clutch
MCB3126062	1		In Chassis Gasket Set	
MCB3126063	1		Cylinder Head Gasket Set	
MCB3126071	1		Overhaul Gasket Set	2V MUI machine wet clutch
MCB3126072	1		In Chassis Gasket Set	
MCB3126073	1		Cylinder Head Gasket Set	
MCB3126081	1		Overhaul Gasket Set	2V MUI machine dry clutch
MCB3126082	1		In Chassis Gasket Set	
MCB3126083	1		Cylinder Head Gasket Set	
MCB3126091	1		Overhaul Gasket Set	3V HEUI truck & machine dry clutch
MCB3126092	1		In Chassis Gasket Set	
MCB3126093	1		Cylinder Head Gasket Set	
MCBC7011		1	Overhaul Gasket Set	C7
MCBC7012		1	In Chassis Gasket Set	
MCBC7013		1	Cylinder Head Gasket Set	
MCBC7021		1	Overhaul Gasket Set	C7 machine wet clutch
MCBC7022		1	In Chassis Gasket Set	
MCBC7023		1	Cylinder Head Gasket Set	



3126/C7 PARTS LISTING

GASKETS

Part #	Qty		Description	Comment
	3126	C7		
M-1359819	1	1	Air Compressor Mounting Seal	
M-6V8260		1	Air Compressor Mounting Seal	
M-4Y9652	3	3	Cam Follower Cover Gasket	
M-2721956	6	6	Exhaust Manifold Gasket	
M-1279810	1		Exhaust Manifold Lock	
M-1560235	4		Exhaust Manifold Lock	
M-1279811	1		Exhaust Manifold Lock	
M-1393256	1		Front Cover Gasket	
M-2585646		1	Front Cover Gasket	
M-1443472	1		Intake Manifold Cover Gasket	
M-2337655	1	1	Oil Cooler Gasket	Inner
M-2337654	1		Oil Cooler Gasket	Outer
M-3P1156	2	2	Oil Cooler Seal Ring	
M-3K360	1	1	Oil Pan Drain Seal	
M-3D2824		2	Oil Pan Drain Seal	
M-1697487		1	Oil Pan Drain Seal	
M-2313816	1	1	Oil Pan Gasket	
M-1662905	1	1	Oil Pan Seal Intergral Style	
M-7W5340	1	1	Oil Pickup Tube Gasket	
M-1360812	1		Regulator Gasket	
M-1265466	1		Regulator Gasket	
M-2225915		1	Regulator Gasket	
M-2850365		1	Regulator Gasket	
M-7C7431	1	1	Turbo Mounting Gasket	
M-2692904		1	Turbo Mounting Gasket	
M-7W2398	1		Turbo Oil Drain Gasket	
M-1978418		1	Turbo Oil Drain Gasket	
M-1S7057	1		Turbo Oil Supply Gasket	
M-2147568		1	Turbo Oil Supply Seal	
M-2213494		1	Turbo Oil Supply Seal	
M-5P5678-2	1		Valve Cover Gasket	Upper
M-5P5678-2	1		Valve Cover Gasket	Lower
M-2175701		2	Valve Cover Gasket	
M-2720388		2	Valve Cover Gasket	
M-2M4453	1	1	Water Pump Mounting Seal	
M-4J525	1	1	Water Pump Mounting Seal	

INTERSTATE-MCBEE, LLC LIMITED GENERAL PRODUCTS WARRANTY

- **Export & Remanufactured Engine Parts**
- **All Fuel Injection, New & Remanufactured**

COVERAGE

The parts furnished by Interstate-McBee are warranted to be free from defects in material and workmanship under normal use and service for a period of twelve (12) months, 100,000 miles or 2,000 hours of operation, whichever comes first, from date of first installation in an engine. This warranty applies to all owners in the chain of distribution, i.e. distributor, dealer, original owner, until the end of the respective periods of coverage and shall not apply to subsequent owners.

This warranty does not apply to parts provided by Interstate Interstate-McBee on a no-charge basis. In no event shall this warranty extend beyond eighteen (18) months from date of sale or manufacture.

INTERSTATE-MCBEE RESPONSIBILITIES

The obligation of Interstate-McBee under this warranty, statutory or otherwise, is limited to the replacement or repair of Interstate-McBee parts, which our inspection discloses to our satisfaction to have been defective. Repair will be performed at our factory in Cleveland, OH or other Interstate-McBee approved facility. Proof of purchase is required.

OWNER'S RESPONSIBILITIES

Owner is responsible for the operation and maintenance of the engine as specified in the APPLICABLE O.E.M. OPERATION AND MAINTENANCE MANUALS. Owner must give notice within (30) days of any suspected failure and before expiration of applicable warranty to be considered warrantable. Owner will provide alleged defective and associated parts for examination by Interstate-McBee and, if requested, return same F.O.B. Cleveland, Ohio. Interstate-McBee further reserves the right to examine any engine subject to a claim under this warranty. Owner is responsible for all costs, including, but not limited to, repairs made to items other than the engine in which the parts are installed, "downtime" expenses and all business costs and losses resulting from a warrantable failure. OWNER MUST GET AUTHORIZATION FROM INTERSTATE-MCBEE'S WARRANTY ADMINISTRATOR (ALONG WITH A RETURN MATERIAL AUTHORIZATION FORM) PRIOR TO FILING A WARRANTY CLAIM WITHIN SAID WARRANTY PERIOD

WARRANTY LIMITATIONS

Interstate-McBee is not responsible for failure resulting from owner or operator abuse or neglect, such as, but not limited to: operation without adequate coolant, fuel or lubricants; overfueling*; overspeeding; lack of maintenance of lubricating, coolant or air intake systems; improper storage, starting, warm-up, run-in or shut down practices. Interstate-McBee is not responsible for failures resulting from improper repair or installation, for parts that have been altered or for parts not approved by Interstate-McBee. This warranty does not apply to parts furnished on a no charge basis. Interstate-McBee does not warrant parts supplied by Interstate-McBee which bear the name and or trademark of another company. These parts are warranted by their manufacturers and not by Interstate-McBee. In no event shall this warranty extend beyond eighteen (18) months from the date of sale. THERE ARE NO WARRANTIES EXPRESSED, IMPLIED OR STATUTORY, FOR THE PARTS NAMED HEREIN BEFORE, MADE BY INTERSTATE-MCBEE OTHER THAN SET FORTH HEREIN. We neither assume nor authorize any other persons to assume for us any other liability in connection with our products. INTERSTATE-MCBEE SHALL NOT BE RESPONSIBLE FOR ANY OTHER CONSEQUENTIAL DAMAGES OR CONTINGENT LIABILITIES. Further, in no event shall Interstate-McBee bear any responsibility for any damages, which exceed the then available aggregate coverage provided under the terms and conditions of its product liability policy.

*covered on fuel injection products

This warranty shall be interpreted, governed and enforced in accordance with the laws of the State of Ohio, U.S.A. (For products not covered herein, see Interstate-McBee's Extended Warranty). Any actions or proceedings relating to this warranty must be filed or commenced within three (3) months of the alleged breach. If any of these warranty provisions or portions thereof is prohibited by law or by any court of competent jurisdiction, in any locality, its invalidity or unenforceability shall not affect the validity or the enforceability of any other warranty provisions or portions thereof.

This warranty applies to parts sold by Interstate on or after August, 2007.

INTERSTATE-MCBEE, LLC LIMITED EXTENDED WARRANTY

• Engine Parts – U.S.A. and Canada

COVERAGE

Diesel Engine

New engine parts furnished by Interstate-McBee are warranted to be free from defects in material and workmanship under normal use and service for a period of twenty-four (24) months from the date of installation, without mileage or hour limitation. This warranty applies to all owners in the chain of distribution, i.e. distributor, dealer, original owner, until the end of the respective periods of coverage and shall not apply to subsequent owners.

Natural Gas or Methane Engine and Prime Power Generation

New engine parts furnished by Interstate-McBee are warranted to be free from defects in material and workmanship under normal use and service, for a period of twelve (12) months from the date of installation. This warranty applies to all owners in the chain of distribution, i.e. distributor, dealer, original owner, until the end of the respective periods of coverage and shall not apply to subsequent owners.

Castings

Cylinder head and cylinder block castings are warranted for 12 months from date of installation; part replacement only, no progressive damage, no labor.

Fuel Injection parts and countries not included here-in are covered under a separate warranty titled "Interstate-McBee, LLC LIMITED General Products warranty." This warranty does not apply to parts provided by Interstate-McBee on a no-charge basis. In no event shall this warranty extend beyond thirty (30) months from date of sale or manufacture.

INTERSTATE-MCBEE RESPONSIBILITIES

Interstate-McBee will pay only for parts and labor needed to repair damages directly resulting from an above defined warranty failure to the functional condition existing immediately prior to the failure, including progressive damage to the engine in which the warrantable part was installed, provided Interstate-McBee's inspection of said failed part or parts discloses to our satisfaction to have been defective. Labor cost will be paid in accordance with published labor rates, but not to exceed reasonable flat rates times nor Interstate-McBee's standard hourly rate. No overtime or holiday rates will be allowed. Only new or rebuilt Interstate-McBee or Interstate-McBee approved parts will be used in making the repair.

OWNER'S RESPONSIBILITIES

Owner is responsible for the operation and maintenance of the engine as specified in the APPLICABLE O.E.M. OPERATION AND MAINTENANCE MANUALS. Owner must give notice within (30) days of any suspected failure and before expiration of applicable warranty to be considered warrantable. Owner will provide alleged defective and associated parts for examination by Interstate-McBee and, if requested, return same F.O.B. Cleveland, Ohio. Interstate-McBee further reserves the right to examine any engine subject to a claim under this warranty. Approved warranty work is to be performed by an authorized Interstate-McBee Distributor or Dealer or other Interstate-McBee approved facility. Owner is responsible for all costs, including, but not limited to, repairs made to items other than the engine in which the parts are installed, "downtime" expenses and all business costs and losses resulting from a warrantable failure. OWNER MUST GET AUTHORIZATION FROM INTERSTATE-MCBEE'S WARRANTY ADMINISTRATOR (ALONG WITH A RETURN MATERIAL AUTHORIZATION FORM) PRIOR TO FILING A WARRANTY CLAIM WITHIN SAID WARRANTY PERIOD

WARRANTY LIMITATIONS

Interstate-McBee is not responsible for failure resulting from owner or operator abuse or neglect, such as, but not limited to: operation without adequate coolant, fuel or lubricants; overfueling; overspeeding; lack of maintenance of lubricating, coolant or air intake systems; improper storage, starting, warm-up, run-in or shut down practices. Interstate-McBee is not responsible for failures resulting from improper repair or installation, for parts that have been altered or for parts not approved by Interstate-McBee. This warranty does not apply to parts furnished on a no charge basis. Interstate-McBee does not warrant parts supplied by Interstate-McBee which bear the name and or trademark of another company. These parts are warranted by their manufacturers and not by Interstate-McBee. In no event shall this warranty extend beyond (30) months from the date of sale. THERE ARE NO WARRANTIES EXPRESSED, IMPLIED OR STATUTORY, FOR THE PARTS NAMED HEREIN BEFORE, MADE BY INTERSTATE-MCBEE OTHER THAN SET FORTH HEREIN. We neither assume nor authorize any other persons to assume for us any other liability in connection with our products. INTERSTATE-MCBEE SHALL NOT BE RESPONSIBLE FOR ANY OTHER CONSEQUENTIAL DAMAGES OR CONTINGENT LIABILITIES. Further, in no event shall Interstate-McBee bear any responsibility for any damages, which exceed the then available aggregate coverage provided under the terms and conditions of its product liability policy. Fuel Injection parts and countries not included here-in are covered under a separate warranty titled "Interstate-McBee, LLC LIMITED General Products warranty."

This warranty for the U.S.A. & Canada shall be interpreted, governed and enforced in accordance with the laws of the State of Ohio, U.S.A. (For products not covered herein, see Interstate-McBee's General Product Warranty.) Any actions or proceedings relating to this warranty must be filed or commenced within three (3) months of the alleged breach. If any of these warranty provisions or portions thereof prohibited by law or by any court of competent jurisdiction, in any locality, its invalidity or unenforceability shall not affect the validity or enforceability of any other warranty provisions or portions thereof. This warranty applies to parts sold by Interstate-McBee on or after August 2007.

U.S.A. Presidential Award



For Excellence in Export



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