

CUMMINS B3.3 ENGINE

PISTON KIT For Naturally Aspirated Tier II Engines	PART No	QTY
Piston Kit (STD)	4089967	4
Piston Body	C6204-31-2170	4
Retainer, Piston Pin	C04065-03012	8
Piston Pin	C6204-31-2410	4
Piston Ring Set	C6205-31-2300	4
Piston Kit (0.25mm)	4955548	4
Piston Body	C6204-39-2170	4
Retainer, Piston Pin	C04065-03012	8
Piston Pin	C6204-31-2410	4
Piston Ring Set	C6205-39-2300	4
Piston Kit (0.50mm)	4955550	4
Piston Body	C6204-38-2170	4
Retainer, Piston Pin	C04065-03012	8
Piston Pin	C6204-31-2410	4
Piston Ring Set	C6205-38-2300	4
PISTON KIT For Turbocharged Engines		
Piston Kit (STD)	3800878	4
Piston Body	C6205-31-2170	4
Retainer, Piston Pin	C04065-03012	8
Piston Pin	C6204-31-2410	4
Piston Ring Set	C6205-31-2200	4
Piston Kit (STD)	4025237	4
Piston Body	C6205-31-2172	4
Retainer, Piston Pin	C04065-03012	8
Piston Pin	C6204-31-2410	4
Piston Ring Set	C6205-31-2200	4
Piston Kit (0.25mm)	4025202	4
Piston Body	C6205-39-2172	4
Retainer, Piston Pin	C04065-03012	8
Piston Pin	C6204-31-2410	4
Piston Ring Set	C6205-39-2200	4
Piston Kit (0.50mm)	4025205	4
Piston Body	C6205-38-2172	4
Retainer, Piston Pin	C04065-03012	8
Piston Pin	C6205-38-2200	4
Piston Ring Set	C6205-31-2200	4

PISTON KIT For Non-Wastegated Turbocharged Engines Tier II	PART No	QTY
Piston Kit (STD)		4
Piston Body	C6205-31-2180	4
Retainer, Piston Pin	C04065-03012	8
Piston Pin	C6204-31-2410	4
Piston Ring Set	C6205-31-2300	4
Turbocharged Engines Tier II		
Piston Kit (STD)		4
Piston Body	C6205-31-2160	4
Retainer, Piston Pin	C04065-03012	8
Piston Pin	C6204-31-2410	4
Piston Ring Set	C6205-31-2300	4

CAMSHAFT & RELATED PARTS	PART No	QTY
Camshaft	C6205-41-1210	1
Bushing, Valve Camshaft	C6206-21-1420	2
Pushrod	C6204-41-3110	8
Tappet	C6204-41-2110	8

FUEL SYSTEM	PART No	QTY
Seal, Injector	6204-11-3830	4

LUBRICATION SYSTEM	PART No	QTY
Oil Pump	C6207-51-1201	1
Oil Cooler	C6205-61-5400	1

COOLING SYSTEM	PART No	QTY
Water Pump Assy	C6204-61-1601	1
Thermostat Kit (180 Deg.)	3800884	1

CUMMINS B3.3 ENGINE

CYL. HEAD COMPONENTS	PART No	QTY
Valve, Inlet	C6207-41-4110	4
Valve, Exhaust	C6204-41-4210	4
Guide, Valve	C6204-19-1310	8
Seal, Valve Stem	C6204-41-4541	8
Valve Lock	C6204-41-4520	48
Spring, In. & Exh. Valve	C6204-41-4410	8
Valve, Inlet	C6207-41-4130	4
Valve, Exhaust	C6209-41-4210	4
Guide, Valve	C6204-19-1310	8
Seal, Valve Stem	C6204-41-4541	8
Valve Lock	C6204-41-4510	48
Spring, In. & Exh. Valve	C6204-41-4410	8

GASKET KITS & GASKETS	PART No	QTY
O/Haul Gasket Kit	3800939	1
Head Gasket	C6204-11-1830	1
Head Gasket	C6204-11-1840	1
Gasket, Valve Cover	C6204-11-8810	1
Gasket, Exh. Manifold	C6205-11-5811	1

CRANKSHAFT & RELATED PARTS	PART No	QTY
Crankshaft	C6204-31-1111	1
Seal, Oil Front	C6204-21-3510	1
Seal, Oil Rear	C6140-21-1341	1
Main Bearing Std.	C6204-21-8100	5
Main Bearing .010"	C6204-29-8100	5
Main Bearing .020"	C6204-28-8100	5
Main Bearing .030"	C6204-27-8100	5
Main Bearing .040"	C6204-26-8100	5
Thrust Bearing	C6204-21-8600	1

CONROD & RELATED PARTS	PART No	QTY
Conrod	C6204-31-3101	4
Bolt, Conrod	C6204-31-3310	8
Conrod Bushing	C6204-31-3130	4
Conrod Bearing Std.	C6207-31-3300	4
Conrod Bearing .010"	C6207-39-3300	4
Conrod Bearing .020"	C6207-38-3300	4
Conrod Bearing .030"	C6207-37-3300	4
Conrod Bearing .040"	C6207-36-3300	4

CUMMINS B3.3 ENGINE OVERHAUL KITS

DESCRIPTION	KIT	QTY	KIT	QTY
ENGINE OVERHAUL KIT:	KMP9967.EOK-A		KMP9967.EOK-B	
PISTON KIT	4089967	4	4089967	4
PISTON PIN	C6204-31-2410	4	C6204-31-2410	4
MAIN BEARING STD	C6204-21-8100	5	C6204-21-8100	5
CONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
THRUSTWASHER	C6204-21-8510	3	C6204-21-8510	3
VALVE KIT, INLET	C6207-41-4110	4	C6207-41-4130	4
VALVE KIT, EXHAUST	C6204-41-4210	4	C6209-41-4210	4
VALVE GUIDE , EXHAUST & INLET	C6204-19-1310	8	C6204-19-1310	8
VALVE SPRING , EXHAUST & INLET	C6204-41-4410	8	C6204-41-4410	8
O/HAUL GASKET KIT	3800939	1	3800939	1
FRONT CRANKSHAFT SEAL	C6204-21-3510	1	C6204-21-3510	1
REAR CRANKSHAFT SEAL	C6140-21-1341	1	C6140-21-1341	1
CONROD BUSH	C6204-31-3130	4	C6204-31-3130	4
CAM BUSH	C6206-21-1420	2	C6206-21-1420	2
CAM BUSH	C6206-21-1430	1	C6206-21-1430	1
OUT-OF-FRAME KIT:	KMP9967.OFK		KMP9967.OFK	
PISTON KIT	4089967	4	4089967	4
PISTON PIN	C6204-31-2410	4	C6204-31-2410	4
MAIN BEARING STD	C6204-21-8100	5	C6204-21-8100	5
CONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
THRUSTWASHER	C6204-21-8510	3	C6204-21-8510	3
O/HAUL GASKET KIT	3800939	1	3800939	1
FRONT CRANKSHAFT SEAL	C6204-21-3510	1	C6204-21-3510	1
REAR CRANKSHAFT SEAL	C6140-21-1341	1	C6140-21-1341	1
IN-FRAME KIT:	KMP9967.IFK		KMP9967.IFK	
PISTON KIT	4089967	4	4089967	4
PISTON PIN	C6204-31-2410	4	C6204-31-2410	4
CONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
INFRAME GASKET KIT	IFGK3.3	1	IFGK3.3	1

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CUMMINS B3.3 ENGINE OVERHAUL KITS

DESCRIPTION	KIT	QTY	KIT	QTY
ENGINE OVERHAUL KIT:	KMP0878.EOK-A		KMP0878.EOK-B	
PISTON KIT	3800878	4	3800878	4
PISTON PIN	C6204-31-2410	4	C6204-31-2410	4
MAIN BEARING STD	C6204-21-8100	5	C6204-21-8100	5
CONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
THRUSTWASHER	C6204-21-8510	3	C6204-21-8510	3
VALVE KIT, INLET	C6207-41-4110	4	C6207-41-4130	4
VALVE KIT, EXHAUST	C6204-41-4210	4	C6209-41-4210	4
VALVE GUIDE , EXHAUST & INLET	C6204-19-1310	8	C6204-19-1310	8
VALVE SPRING , EXHAUST & INLET	C6204-41-4410	8	C6204-41-4410	8
O/HAUL GASKET KIT	3800939	1	3800939	1
FRONT CRANKSHAFT SEAL	C6204-21-3510	1	C6204-21-3510	1
REAR CRANKSHAFT SEAL	C6140-21-1341	1	C6140-21-1341	1
CONROD BUSH	C6204-31-3130	4	C6204-31-3130	4
CAM BUSH	C6206-21-1420	2	C6206-21-1420	2
CAM BUSH	C6206-21-1430	1	C6206-21-1430	1
OUT-OF-FRAME KIT:	KMP0878.OFK		KMP0878.OFK	
PISTON KIT	3800878	4	3800878	4
PISTON PIN	C6204-31-2410	4	C6204-31-2410	4
MAIN BEARING STD	C6204-21-8100	5	C6204-21-8100	5
CONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
THRUSTWASHER	C6204-21-8510	3	C6204-21-8510	3
O/HAUL GASKET KIT	3800939	1	3800939	1
FRONT CRANKSHAFT SEAL	C6204-21-3510	1	C6204-21-3510	1
REAR CRANKSHAFT SEAL	C6140-21-1341	1	C6140-21-1341	1
IN-FRAME KIT:	KMP0878.IFK		KMP0878.IFK	
PISTON KIT	3800878	4	3800878	4
PISTON PIN	C6204-31-2410	4	C6204-31-2410	4
CONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
INFRAME GASKET KIT	IFGK3.3	1	IFGK3.3	1

CUMMINS B3.3 ENGINE OVERHAUL KITS

DESCRIPTION	KIT	QTY	KIT	QTY
ENGINE OVERHAUL KIT:	KMP5237.EOK-A		KMP5237.EOK-B	
PISTON KIT	4025237	4	4025237	4
PISTON PIN	C6204-31-2410	4	C6204-31-2410	4
MAIN BEARING STD	C6204-21-8100	5	C6204-21-8100	5
CONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
THRUSTWASHER	C6204-21-8510	3	C6204-21-8510	3
VALVE KIT, INLET	C6207-41-4110	4	C6207-41-4130	4
VALVE KIT, EXHAUST	C6204-41-4210	4	C6209-41-4210	4
VALVE GUIDE , EXHAUST & INLET	C6204-19-1310	8	C6204-19-1310	8
VALVE SPRING , EXHAUST & INLET	C6204-41-4410	8	C6204-41-4410	8
O/HAUL GASKET KIT	3800939	1	3800939	1
FRONT CRANKSHAFT SEAL	C6204-21-3510	1	C6204-21-3510	1
REAR CRANKSHAFT SEAL	C6140-21-1341	1	C6140-21-1341	1
CONROD BUSH	C6204-31-3130	4	C6204-31-3130	4
CAM BUSH	C6206-21-1420	2	C6206-21-1420	2
CAM BUSH	C6206-21-1430	1	C6206-21-1430	1
OUT-OF-FRAME KIT:	KMP5237.OFK		KMP5237.OFK	
PISTON KIT	4025237	4	4025237	4
PISTON PIN	C6204-31-2410	4	C6204-31-2410	4
MAIN BEARING STD	C6204-21-8100	5	C6204-21-8100	5
CONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
THRUSTWASHER	C6204-21-8510	3	C6204-21-8510	3
O/HAUL GASKET KIT	3800939	1	3800939	1
FRONT CRANKSHAFT SEAL	C6204-21-3510	1	C6204-21-3510	1
REAR CRANKSHAFT SEAL	C6140-21-1341	1	C6140-21-1341	1
IN-FRAME KIT:	KMP5237.IFK		KMP5237.IFK	
PISTON KIT	4025237	4	4025237	4
PISTON PIN	C6204-31-2410	4	C6204-31-2410	4
CONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
INFRAME GASKET KIT	IFGK3.3	1	IFGK3.3	1

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CUMMINS B3.3 ENGINE OVERHAUL KITS

DESCRIPTION	KIT	QTY	KIT	QTY
ENGINE OVERHAUL KIT:	KMP31-2180.EOK-A		KMP31-2180.EOK-B	
PISTON KIT	C6205-31-2180	4	C6205-31-2180	4
PISTON PIN	C6204-31-2410	4	C6204-31-2410	4
MAIN BEARING STD	C6204-21-8100	5	C6204-21-8100	5
CONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
THRUSTWASHER	C6204-21-8510	3	C6204-21-8510	3
VALVE KIT, INLET	C6207-41-4110	4	C6207-41-4130	4
VALVE KIT, EXHAUST	C6204-41-4210	4	C6209-41-4210	4
VALVE GUIDE , EXHAUST & INLET	C6204-19-1310	8	C6204-19-1310	8
VALVE SPRING , EXHAUST & INLET	C6204-41-4410	8	C6204-41-4410	8
O/HAUL GASKET KIT	3800939	1	3800939	1
FRONT CRANKSHAFT SEAL	C6204-21-3510	1	C6204-21-3510	1
REAR CRANKSHAFT SEAL	C6140-21-1341	1	C6140-21-1341	1
CONROD BUSH	C6204-31-3130	4	C6204-31-3130	4
CAM BUSH	C6206-21-1420	2	C6206-21-1420	2
CAM BUSH	C6206-21-1430	1	C6206-21-1430	1
OUT-OF-FRAME KIT:	KMP31-2180.OFK		KMP31-2180.OFK	
PISTON KIT	C6205-31-2180	4	C6205-31-2180	4
PISTON PIN	C6204-31-2410	4	C6204-31-2410	4
MAIN BEARING STD	C6204-21-8100	5	C6204-21-8100	5
CONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
THRUSTWASHER	C6204-21-8510	3	C6204-21-8510	3
O/HAUL GASKET KIT	3800939	1	3800939	1
FRONT CRANKSHAFT SEAL	C6204-21-3510	1	C6204-21-3510	1
REAR CRANKSHAFT SEAL	C6140-21-1341	1	C6140-21-1341	1
IN-FRAME KIT:	KMP31-2180.IFK		KMP31-2180.IFK	
PISTON KIT	C6205-31-2180	4	C6205-31-2180	4
PISTON PIN	C6204-31-2410	4	C6204-31-2410	4
CONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
INFRAME GASKET KIT	IFGK3.3	1	IFGK3.3	1

CUMMINS B3.3 ENGINE OVERHAUL KITS

DESCRIPTION	KIT	QTY	KIT	QTY
ENGINE OVERHAUL KIT:	KMP31-2160.EOK-A		KMP31-2160.EOK-B	
PISTON KIT	C6205-31-2160	4	C6205-31-2160	4
PISTON PIN	C6204-31-2410	4	C6204-31-2410	4
MAIN BEARING STD	C6204-21-8100	5	C6204-21-8100	5
CONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
THRUSTWASHER	C6204-21-8510	3	C6204-21-8510	3
VALVE KIT, INLET	C6207-41-4110	4	C6207-41-4130	4
VALVE KIT, EXHAUST	C6204-41-4210	4	C6209-41-4210	4
VALVE GUIDE , EXHAUST & INLET	C6204-19-1310	8	C6204-19-1310	8
VALVE SPRING , EXHAUST & INLET	C6204-41-4410	8	C6204-41-4410	8
O/HAUL GASKET KIT	3800939	1	3800939	1
FRONT CRANKSHAFT SEAL	C6204-21-3510	1	C6204-21-3510	1
REAR CRANKSHAFT SEAL	C6140-21-1341	1	C6140-21-1341	1
CONROD BUSH	C6204-31-3130	4	C6204-31-3130	4
CAM BUSH	C6206-21-1420	2	C6206-21-1420	2
CAM BUSH	C6206-21-1430	1	C6206-21-1430	1
OUT-OF-FRAME KIT:	KM31-2160.OFK		KM31-2160.OFK	
PISTON KIT	C6205-31-2160	4	C6205-31-2160	4
PISTON PIN	C6204-31-2410	4	C6204-31-2410	4
MAIN BEARING STD	C6204-21-8100	5	C6204-21-8100	5
CONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
THRUSTWASHER	C6204-21-8510	3	C6204-21-8510	3
O/HAUL GASKET KIT	3800939	1	3800939	1
FRONT CRANKSHAFT SEAL	C6204-21-3510	1	C6204-21-3510	1
REAR CRANKSHAFT SEAL	C6140-21-1341	1	C6140-21-1341	1
IN-FRAME KIT:	KM31-2160.IFK		KM31-2160.IFK	
PISTON KIT	C6205-31-2160	4	C6205-31-2160	4
PISTON PIN	C6204-31-2410	4	C6204-31-2410	4
CONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
INFRAME GASKET KIT	IFGK3.3	1	IFGK3.3	1

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The  **CUMMINS**
Engine Book



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C04065-03012	1,
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