

# CUMMINS B3.3 ENGINE

PISTON KIT For Naturally Aspirated Tier II Engines	PART No	QTY 4	
Piston Kit (STD)	4089967		
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	(6205-38-2300	4	
PISTON KIT	<del>/ //</del>	D.	
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	
Dr W. ICTD	4005007		
Piston Kit (STD)	4025237	4	
Piston Body	C6205-31-2172	4	
Retainer, Piston Pin	C04065-03012	8	
Piston Pin Piston Ring Set	C6204-31-2410 C6205-31-2200	4	
i ision king ser	C0203-31-2200	7	
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	
y sor	CO203 07 2200	/ .	
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	PART No	QTY
For Non-Wastegated Turbocharged Eng	ines Tier II	
Piston Kit (STD)	1000	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
		7.17
Turbocharged Engines Tier II		70.7
	7 .000	=
Piston Kit (STD)	- Marie 1	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	



**INFRAME GASKET KIT** 

DESCRIPTION	KIT	QTY	KIT	QTY
- Aller	(Mary)	- / A	(Inc.)	100
1.87	1.6%	71.97	/ / /	
NGINE OVERHAUL KIT:	КМР9967.ЕОК-А		КМР9967.ЕОК-В	
ISTON KIT	4089967	4	4089967	4
ISTON PIN	C6204-31-2410	4	C6204-31-2410	4
IAIN BEARING STD	C6204-21-8100	5	C6204-21-8100	5
ONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
HRUSTWASHER	C6204-21-8510	3	C6204-21-8510	3
ALVE KIT, INLET	C6207-41-4110	4	C6207-41-4130	4
ALVE KIT, EXHAUST	C6204-41-4210	4	C6209-41-4210	4
ALVE GUIDE , EXHAUST & INLET	C6204-19-1310	8	C6204-19-1310	8
ALVE SPRING , EXHAUST & INLET	C6204-41-4410	8	C6204-41-4410	8
/HAUL GASKET KIT	3800939	1	3800939	1
RONT CRANKSHAFT SEAL	C6204-21-3510	1	C6204-21-3510	1
EAR CRANKSHAFT SEAL	C6140-21-1341	1	C6140-21-1341	1
ONROD BUSH	C6204-31-3130	4	C6204-31-3130	4
AM BUSH	C6206-21-1420	2	C6206-21-1420	2
AM BUSH	C6206-21-1430	1	C6206-21-1430	1
			~ / lb/m	
UT-OF-FRAME KIT:	KMP9967.0FK	$\rightarrow -//$	KMP9967.0FK	
ISTON KIT	4089967	4	4089967	4
ISTON RIN	C6204-31-2410	4	C6204-31-2410	4
IAIN BEARING STD	C6204-31-2410 C6204-21-8100	5	C6204-31-2410 C6204-21-8100	5
			C6207-31-3300	-
ONROD BEARING STD HRUSTWASHER	C6207-31-3300 C6204-21-8510	3	C6207-31-3300 C6204-21-8510	3
				1
/HAUL GASKET KIT	3800939	X-1/	3800939	1
RONT CRANKSHAFT SEAL	C6204-21-3510	1	(6204-21-3510	_
EAR CRANKSHAFT SEAL	C6140-21-1341	l'	C6140-21-1341	1
I FDAME VIT.	VMD00/71FV		VARDOO / 7 IFV	
N-FRAME KIT:	KMP9967.IFK	4 133	KMP9967.IFK	7/
ISTON KIT	4089967	4	4089967	4
ISTON PIN	C6204-31-2410	4	C6204-31-2410	4
CONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4

IFGK3.3

IFGK3.3



DESCRIPTION	KIT	QTY	KIT	QTY
OTH)	all			e par
ENGINE OVERHAUL KIT:	KMP0878.EOK-A	1 6 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	V1 /	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
			- / III-	
OUT-OF-FRAME KIT:	KMP0878.0FK		KMP0878.0FK	
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
THE STREET STATE	COLIO 21 10 11	// 6/9	CO. 10 21 10 11	
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



DESCRIPTION	KIT	QTY	KIT	QTY
(all)	( all har)	/_6	Mary 1	140.
NGINE OVERHAUL KIT:	KMP5237.EOK-A		KMP5237.EOK-B	
ISTON KIT	4025237	4	4025237	4
ISTON PIN	C6204-31-2410	4	C6204-31-2410	4
AIN BEARING STD	C6204-21-8100	5	C6204-21-8100	5
ONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
HRUSTWASHER	C6204-21-8510	3	C6204-21-8510	3
ALVE KIT, INLET	C6207-41-4110	4	C6207-41-4130	4
ALVE KIT, EXHAUST	C6204-41-4210	4	C6209-41-4210	4
ALVE GUIDE , EXHAUST & INLET	C6204-19-1310	8	C6204-19-1310	8
ALVE SPRING , EXHAUST & INLET	C6204-41-4410	8	C6204-41-4410	8
/HAUL GASKET KIT	3800939	1	3800939	/1 /
RONT CRANKSHAFT SEAL	C6204-21-3510	1	C6204-21-3510	1
EAR CRANKSHAFT SEAL	C6140-21-1341	1	C6140-21-1341	1
ONROD BUSH	C6204-31-3130	4	C6204-31-3130	4
AM BUSH	C6206-21-1420	2	C6206-21-1420	2
AM BUSH	C6206-21-1430	1	C6206-21-1430	
			_ 100	
* / / > *	772			
UT-OF-FRAME KIT:	KMP5237.0FK		KMP5237.0FK	/ 3
	V -9/50 /	/ -	Mary /	. 10.77
ISTON KIT	4025237	4	4025237	4
ISTON PIN	C6204-31-2410	4	C6204-31-2410	4
AIN BEARING STD	C6204-21-8100	5	C6204-21-8100	5
ONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
HRUSTWASHER	C6204-21-8510	3	C6204-21-8510	3
/HAUL GASKET KIT	3800939	1	3800939	1
RONT CRANKSHAFT SEAL	C6204-21-3510	1 /	C6204-21-3510	1
EAR CRANKSHAFT SEAL	C6140-21-1341	1	C6140-21-1341	1
A AW /	1 200		9 / /	
4169 / /	Lev /		/ // // //	
N-FRAME KIT:	KMP5237.IFK		KMP5237.IFK	
ISTON KIT	4025237	4	4025237	4
ISTON PIN	C6204-31-2410	4	C6204-31-2410	4
ONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
VFRAME GASKET KIT	IFGK3.3	1	IFGK3.3	1



IFGK3.3

DESCRIPTION	КІТ	QTY	KIT	QTY
(0)	A A A A A A A A A A A A A A A A A A A	lo.		
ENGINE OVERHAUL KIT:	KMP31-2180.EOK-A	16.00	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	C6204-31-2410	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	(6207-41-4130	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
V / A V	// A Y	1 / /	A 7	/ 2
OUT-OF-FRAME KIT:	KMP31-2180.0FK		KMP31-2180.0FK	
DICTON VIT	C6205-31-2180	4	C6205-31-2180	4
PISTON KIT PISTON PIN	C6203-31-2100 C6204-31-2410	4	C6204-31-2410	4
MAIN BEARING STD	C6204-31-2410 C6204-21-8100	5	C6204-31-2410 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	ا ا	3800939	1
FRONT CRANKSHAFT SEAL	C6204-21-3510		C6204-21-3510	1
REAR CRANKSHAFT SEAL	C6140-21-1341	1	C6140-21-1341	1
REAR CRAINSHALL SEAL	CUITU-ZI-1341		CUTU-Z1-1341	1
1 40 / 4	- COV / /		/ / left	
IN-FRAME KIT:	KMP31-2180.IFK		KMP31-2180.IFK	
PISTON KIT	C6205-31-2180	4	C6205-31-2180	4
PISTON RII		4		4
	C6204-31-2410	4	(6204-31-2410	4
CONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4

IFGK3.3

**INFRAME GASKET KIT** 



DESCRIPTION	KIT	QTY	KIT	QTY
of the	(10 Mm)	/_6		agil .
NGINE OVERHAUL KIT:	KMP31-2160.EOK-A	1768	KMP31-2160.EOK-B	
ISTON KIT	C6205-31-2160	4	C6205-31-2160	4
ISTON PIN	C6204-31-2410	4	C6204-31-2410	4
MAIN BEARING STD	C6204-31-2410	5	C6204-21-8100	5
ONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
HRUSTWASHER	C6204-21-8510	3	C6204-21-8510	3
ALVE KIT, INLET	C6207-41-4110	4	C6207-41-4130	4
ALVE KIT, EXHAUST	C6204-41-4210	4	C6209-41-4210	4
ALVE GUIDE , EXHAUST & INLET	C6204-19-1310	8	C6204-19-1310	8
ALVE SPRING , EXHAUST & INLET	C6204-41-4410	8	C6204-41-4410	8
/HAUL GASKET KIT	3800939	1	3800939	1
RONT CRANKSHAFT SEAL	C6204-21-3510	1/	C6204-21-3510	1
EAR CRANKSHAFT SEAL	C6140-21-1341	1 4	C6140-21-1341	1
ONROD BUSH	C6204-31-3130	4	C6204-31-3130	4
AM BUSH	C6206-21-1420	2	C6206-21-1420	2
AM BUSH	C6206-21-1430	1	C6206-21-1430	1
AM DOST	C0200 21 1100		0200 21 1100	7/ <u>-</u>
UT-OF-FRAME KIT:	KM31-2160.0FK	×//	KM31-2160.0FK	/ 3
ISTON KIT	C6205-31-2160	4	C6205-31-2160	4
ISTON RIN	C6204-31-2410	4	C6204-31-2410	4
IAIN BEARING STD	C6204-21-8100	5	C6204-21-8100	5
ONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
HRUSTWASHER	C6204-21-8510	3	C6204-21-8510	3
/HAUL GASKET KIT	3800939	1	3800939	1
RONT CRANKSHAFT SEAL	C6204-21-3510		C6204-21-3510	1-3
EAR CRANKSHAFT SEAL	C6140-21-1341		C6140-21-1341	1
EAR CRAINSHAFT SEAL	C014U-Z1-1341	4 8	C0140-21-1341	
N-FRAME KIT:	KM31-2160.IFK	1900	KM31-2160.IFK	
ISTON KIT	C6205-31-2160	4	C6205-31-2160	4
ISTON PIN	C6204-31-2410	4	C6204-31-2410	4
ONROD BEARING STD	C6207-31-3300	4	C6207-31-3300	4
NFRAME GASKET KIT	IFGK3.3	1 4	IFGK3.3	-1





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4955550	1,		/
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C6204-41-3110	1,		/ 187 /
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C6204-41-4410 C6204-41-4510	2,3,4,5,6,7, 2,		
C6204-41-4520	2,		
C6204-41-4541	2,		
C6204-61-1601	1,	AD	/ / 400
C6205-11-5811	2,	71.00	71 600
C6205-31-2160	1,7,	71107	7 10 7
C6205-31-2170	1,7,		
C6205-31-2172	1,		
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C6205-31-2200	1,0,		
C6205-31-2300	1,	/ 689	
C6205-38-2172	1,	4 0.7	0.00
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C6207-51-1201	1,		
C6209-41-4210	2,		
IFGK3.3	3,4,5,6,7,		
	/ 10/	100	-/30
	/ 6339Y		7 0.0
	4 4037 / //	_0.10	7 - 6V- 1
		W / x	
	Z - 41V 3		_ / W
		- NOT /	/ 485
/4 # 100 /		all /	4 800 /
	20 BbV / / / 16	9 / /	MAY /
		V 400 / 1	
	480		- 10
<del></del>	- A - CO-30" / /	-8 W	/ 03"
		8V / /	1 000
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/ 6537 /		A BY	/ 400
/1 030		CATAL CONTRACTOR OF THE PARTY O	1 633
107			IOT /
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/ (100)	- (10°)	100	6.70
/ ADA /	10 ADV / A	.0.1	0.7
AT LATENT /	7 18 V / / / / / / / / / / / / / / / / / /	By / 2	LWY
MWY Z		7 / /	AW 1 /
		7 A VI	