

Navistar Diesel 363 CID	6.0L: VT365	8 Cylinder Bore 95mm Stroke 105mm
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Ford: F-250, F-550, F-650, F-750, Excursion, E-Series

CYLINDER KIT

8	2243454	Piston	Std [1847023C91, 1840955C1, 3C3Z-6108-AA, XC3Z-6108-AA]
MY2003 for esn 1611 and Up only			
	2243454020	Piston	0.020
	2243454030	Piston	0.030
	2243454040	Piston	0.040
8	2243455	Piston	Destroked 0.010
MY2003 for esn 1611 and Up only			
	2243455020	Piston	Destroked 0.010; 0.020 bore
	2243455030	Piston	Destroked 0.010; 0.030 bore
	2243455040	Piston	Destroked 0.010; 0.040 bore
8	2243503	Piston	Std
MY2004-2006 (can replace 2243454 in sets)			
	2243503020	Piston	0.020
	2243503030	Piston	0.030
	2243503040	Piston	0.040
8	2243504	Piston	Destroked 0.010, Std bore
MY2004-2006			
	2243504020	Piston	Destroked 0.010; 0.020 bore
	2243504030	Piston	Destroked 0.010; 0.030 bore
	2243504040	Piston	Destroked 0.010; 0.040 bore
1	41940	Ring set	95mm bore; (8) 2.3Kmm, (8) 2.0mm, (8) 3.44mm; 8 cyl set
	41940010	Ring set	0.010, 8 cyl set
	41940020	Ring set	0.020, 8 cyl set
	41940030	Ring set	0.030, 8 cyl set

BEARINGS

1	MS2223P	Bearing main set	Std, 3.1886 / 3.1894 std journal dia; [(4) MB3487P, (1) MB3788P flanged] [1843028C91, 3C3Z-6D309-AA]
2003-2005			
	MS2223P25MM	Bearing main set	0.25mm [1843076C91, 3C3Z-6D308-BA]
	MS2223P50MM	Bearing main set	0.50mm [1843077C91, 3C3Z-6D308-CA]
	MS2223P75MM	Bearing main set	0.75mm [1843078C91, 3C3Z-6D308-DA]
8	CB1814P	Bearing rod pair	Std; 2.7165 / 2.7170 std journal dia, 2.8735 / 2.8744 housing bore, 0.7340 width [1843034C91, 1835094C1, 3C3Z-6211-AA]
	CB1814P25MM	Bearing rod pair	0.25mm [1843073C91, 3C3Z-6211-BA]
	CB1814P50MM	Bearing rod pair	0.50mm [1843074C91, 3C3Z-6211-CA]
	CB1814P75MM	Bearing rod pair	0.75mm [1843075C91, 3C3Z-6211-DA]
8	CB1815P25MM	Bearing rod pair	0.25mm, For rods with housing bore resized 0.002 larger than stock
	CB1815P50MM	Bearing rod pair	0.50mm, For rods with housing bore resized 0.002 larger than stock
	CB1815P75MM	Bearing rod pair	0.75mm, For rods with housing bore resized 0.002 larger than stock

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1	SH1996S	Bearing cam set	Set of 5 [SH1996] 2.4404 / 2.4415 shaft dia, 2.5976 / 2.5992 OD, 0.7480 length [3C3Z-6A251-AA, 1828127C1]
2003-2005			
8	2233671	Bushing con rod	Requires boring; 1.3384 / 1.3413 ID, 1.0450 OAL [18403463C3]
2003-2005			
GASKET & SEALS			
1	953629VR	Set inframe	
1	HS54450	Set cylinder head	Crankcase to head tubes not included [5C3Z-6079-C]
1	CS54450	Set conversion	[3C3Z-6E078-BA]
1	54450	Gasket cylinder head	[1840463C2, 4C3Z-6051-EA]
2	VS50395	Gasket valve cover	Upper, lower and grommets [1838250C2, 1838250C1, 3C3Z-6584-BA]
1	MIS19311	Set manifold	Intake and valve cover set: Contains all necessary gaskets for Intake manifold removal and reinstallation
1	MS19311	Gasket manifold intake	Intake set [3C3Z-9433-AA]
1	MS19312	Gasket manifold exhaust	Exhaust set [5C4Z-9448-A, 6C3Z-9448-A]
1	G31817	Gasket throttle body	[3C3Z-9P457-AA]
1	JV5066	Set timing cover	
1	67726	Seal crankshaft front	[1837597C1, 3C3Z-6700-AA]
1	JV1684	Seal crankshaft rear	Includes rear seal gasket [1834635C91, 3C3Z-6701-AA]
1	OS32271	Set oil pan	
1	OS30773R	Gasket oil pan	Lower oil pan to bedplate
1	OS30774R	Gasket oil pan	Upper oil pan to bedplate
1	OS30775R	Gasket oil pan	Upper bedplate to block
CAMSHAFT			
32	VL114	Lifter	Hydraulic
32	2154354	Push rod	[3C3Z-6565-AA]
2003-2005			
VALVE TRAIN			
16	02179	Valve intake	1.339 head dia, 5.019 OAL, 0.2737 stem dia, 1G, 30 deg [1837731C1, 3C3Z-6507-AA]
16	02180	Valve exhaust	1.102 head dia, 5.059 OAL, 0.2737 stem dia, 1G, 35 deg [1837732C1, 3C3Z-6505-AA]
64	121-1105	Valve lock	0.2740 ID, 0.2720 length, 1 grv RD [1828289C1, 3C3Z-6518-AA]
32	140-3055	Valve guide	0.2765 ID, 0.4395 OD, 2.331 OAL
32	160-1458	Valve spring	0.657 ID, 0.995 OD, 2.076 length, 0.169 wire dia, 1.377 solid hgt; closed 64 @ 1.880, open 207 @ 1.440 [1838034C1, 3C3Z-6513-AA]
32	B45952	Valve stem seal	Intake and exhaust [3C3Z-6571-AA]
FUEL / INJECTOR			
8	AP60900	Injector	Reman, white plastic wire guide [1843089C91, 1843481C95, 1845879C91, 1878282C91, 3C3Z-9E527-EBRM/EARM, 3CZ-9E527-AE / ABRM]
Ford: 2003 - 2004 (Engines built before 9/22/03); IH: 2002.5-2003			
8	AP60901	Injector	Reman, black plastic wire guide [1844751C2, 1845150C92, 1846692C92, 4C3Z-9E527-AA]
Ford: 2004 - 2007 (Engines built on or after 9/22/03); IH: 2004-2006			
8	AP0002	Injector seal kit	Contains: 2 inj oring, chamber gsk, connector outer & inner oring, high pressure oil seal & clip [1843682C91, 3C3Z-9229-AA]
1	AP63406	Glow plug module	Glow plug control unit [YC3Z-12B533-AA, DY-876, 1828565C1]
F250/F550, Excursion: 2003-2007; E Series: 2004-2007			

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COOLING SYSTEM

1	AP63502	Water pump	New; 90mm impeller [5010100R92, 3C3Z-8501-A, 3C3Z-8501-ABRM, PW-480]
2002.5 - 7/19/2004: Except F650/F750			
1	AP63503	Water pump	New; 100mm impeller [5010118R91, 4C3Z-8501-AC, 4C3Z-8501-ABRM, PW-491]
After 7/19/2004: Except F650/F750			
1	K31802	Gasket water pump	[3C3Z-8507-AA]
to 9/22/2003			
1	K31803	Gasket water pump	[4C3Z-8507-AA]
from 9/22/2003			
	C31801	Gasket thermostat	Seal [4C3Z-8255-AA]

TURBO / AIR

	F31804	Gasket exhaust pipe	Y pipe to turbo [3C3Z-6N640-AA, 1839620C4]
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MISC

1	AP83006	Starter	New [3C3Z-11002-AA, 3C3U-11000-AB, 2C3Z-11002-AA]
2003-2006			
1	AP63403	Sensor EBP	Exhaust back pressure sensor [4C3Z-9J460-A, 1850353C1, 1837012C1]
F250/550, Excursion: 2003-2004 esn 6000000 - 6344942; E series 2004 esn prior to 149760			
1	AP63408	Sensor EBP	Exhaust back pressure sensor [5C3Z-9J460-B, 5C3Z-9J460-A, 1850352C1]
F250/500, Excursion: 2005-2007 esn 6344943 & Up; F650/750: 2003-2007; E Series 2005-2007 esn 149761 & up			
1	AP63407	Sensor ICP	Ignition Control Pressure Sensor [4C3Z-9F838-AB, 1845428C91, 1843914C1, 1845274C92]
F250/550, F650/750, Excursion: 2003-2007; E Series: 2004-2007			
1	71263	Gasket EGR valve	EGR cooler, oval gasket
1	71265	Gasket EGR valve	EGR cooler, round seal