

Navistar Diesel Big Bore 470: 1,194,039 - 2,000,00	DT466 BigBore / 7.6L	6 Cylinder Bore 4.5870 Stroke 4.680
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ENGINE KITS

1	466111-001	Inframe kit	4.587 Bore (1836192C92 cylinder kit, 1836321C1 piston) [1836195C94, 1836195C95]
esn 1194039 to 2000000, 215 HT & below			
1	466112-001	Inframe kit	4.587 Bore (1836299C91 cylinder kit, 1830591C2 piston) [1836300C94]
esn 1194039 to 2000000, 230 & 250 HP (All)			

CYLINDER KIT

6	401026	Cylinder kit	With rings; Includes: 410030 piston, 405025 ring set, 400003 cyl liner [1836192C92]
esn 1194039 to 2000000, 215 High Torque and below			
6	401025	Cylinder kit	Without rings; Includes: 410030 piston, 400003 cyl liner [1836194C93]
6	410059	Piston kit	Piston, pin, retainers (410030 piston)
6	410030	Piston body	4.587 bore [1836321C1, repl 1830621C1]
6	401028	Cylinder kit	With rings; Includes: 410032 piston, 405024 ring set, 400003 cyl liner [1836299C94 cyl kit]
esn 1194039 to 2000000, 230 & 250 HP (All)			
6	401027	Cylinder kit	Without rings; Includes: 410032 piston, 400003 cyl liner [1836298C91]
6	410060	Piston kit	Piston, pin, retainers (410032 piston)
6	410032	Piston body	4.587 bore [1833092C1; repl 1830591C2]
6	405025	Ring set	[1830724C92]
6	405024	Ring set	[1830723C92]
6	410031	Piston pin	[1830060C1]
12	1818702-F	Retainer piston pin	[1818702C1]
6	400025	Cylinder liner	Includes: 400003 liner, 421213 seal [1842553C91]
6	400003	Cylinder liner	4.587 bore, single oring [1841326C1, repl 1830706C1 and 1815648C1]
6	421213	Cylinder liner oring	For 410032 liner, single crevice seal [1824115C1]
6	1822322C93	Cylinder liner oring kit	For single or double liner groove; contains 1842115C1 crevice seal, 1817633C2 oring [repl 1822322C92, 1822322C91]
6	1822322-F	Cylinder liner oring kit	contains (1) 1817000, (1) 1817633
6	1817000-F	Cylinder liner oring	Crevice seal [1817000C2]
6	1817633-F	Cylinder liner oring	Oring [1817633C2]

BEARINGS

1	470150	Bearing main set	Std
6	470140	Bearing main pair	Std (#1-6) (6 Req'd) [1830725C91]
1	470145	Bearing main pair	Std (#7) (1 Req'd) [1830726C91]
6	470130	Bearing rod pair	Std [1836020C91] [repl 1830149C1]

GASKET & SEALS

1	1830720-F	Set cylinder head	
1	1830327-F	Gasket cylinder head	
1	431273	Set lower	Does not include crank seals [1824985C99] [repl 1874865C91]
1	431272	Gasket rear hsg	[1841974C1]
1	431252	Gasket oil pan	[1826587C1]
1	1816722-F	Gasket oil sump	
1	7690437	Seal crankshaft front	
1	1817867-F	Seal crankshaft rear	

VALVE TRAIN

1	1830346C93	Cylinder head	Assembly, remanufactured
1	HKNAV466HL	Cylinder head kit	Intake valve with 1.970 head diameter

Navistar	DT466 BigBore / 7.6L	6 Cylinder	
Diesel	(Continued)	Bore 4.5870	
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6	02131	Valve intake	1.970 head dia, 5.992 length, 0.3722 stem dia, 30 degree, 1G [1826471C2, 1826471C1, 1842913C1]
6	1824840-F	Valve exhaust	1.786 head dia, 45 degree
12	140-8188	Valve guide	0.3745 ID, .6265 OD, 2.610 length, 3-SR
6	160-1416	Valve spring	1.063 ID, 1.477 OD, 2.357 free length, 0.207 wire dia, 1.370 solid height
Intake			
6	160-1417	Valve spring	1.068 ID, 1.482 OD, 2.580 free length, 0.207 wire dia, 1.370 solid height
Exhaust			
24	121-1091	Valve lock	for 3/8 stem valve; 0.3720 ID, 0.2980 length, 1 round [1824644C1]
12	161-1046	Rotocap	for 3/8 valve stem (OEM 1824680C1)
12	1824683-F	Seal rotator	
12	122-1320	Valve stem seal	use with 3/8 stem diameter; positive, viton, top hat style; 0.610/0.620 nominal guide OD [1823925C1]
OIL / LUBE SYSTEM			
1	1833356C91	Oil pump	
1	HP021X	Oil pump HP	High pressure fuel, 5.3cc, reman [1825681C94, 1825681C95, 1842721C91, R98620021R]
esn 1194039 and above: 175HP - 215HP (Std torque)			
1	HP020X	Oil pump HP	High pressure fuel, 6.5cc, reman [1826458C92, 1830177C91, 1830177C92, 1842722C91, R98620020R]
exn 1194039 and above: 230HP - 250HP (High torque)			
FUEL / INJECTOR			
6	AP63811BI	Injector	New, HEUI, code BI [1830741C92, 1830741C93]
6	AP0006	Chamber gasket	Stainless seal, package of 6; Must use with in conjunction with stainless steel injector sleeve [1830317C1]
6	1823382C1	Injector sleeve	
COOLING SYSTEM			
1	1817687C92-G	Water pump	New, stamped steel impeller, cast 1821935C1, 1821935C3 [1817687C92]
1	421205	Oring water pump	[1819099C1]
1	481832	Thermostat	Kit, includes Oring 421215 [1830256C93] [repl 1822575C92]
1	421215	Oring thermostat	[1820951C1]
1	480890	Tensioner belt	[1830033C1] [repl 1814719C1]
TURBO / AIR			
	TURBO	TURBOCHARGER	New or remanufactured available, call for pricing
BLOCK			
1	431263	Set front cover	Gasket set kit [1824984C92]