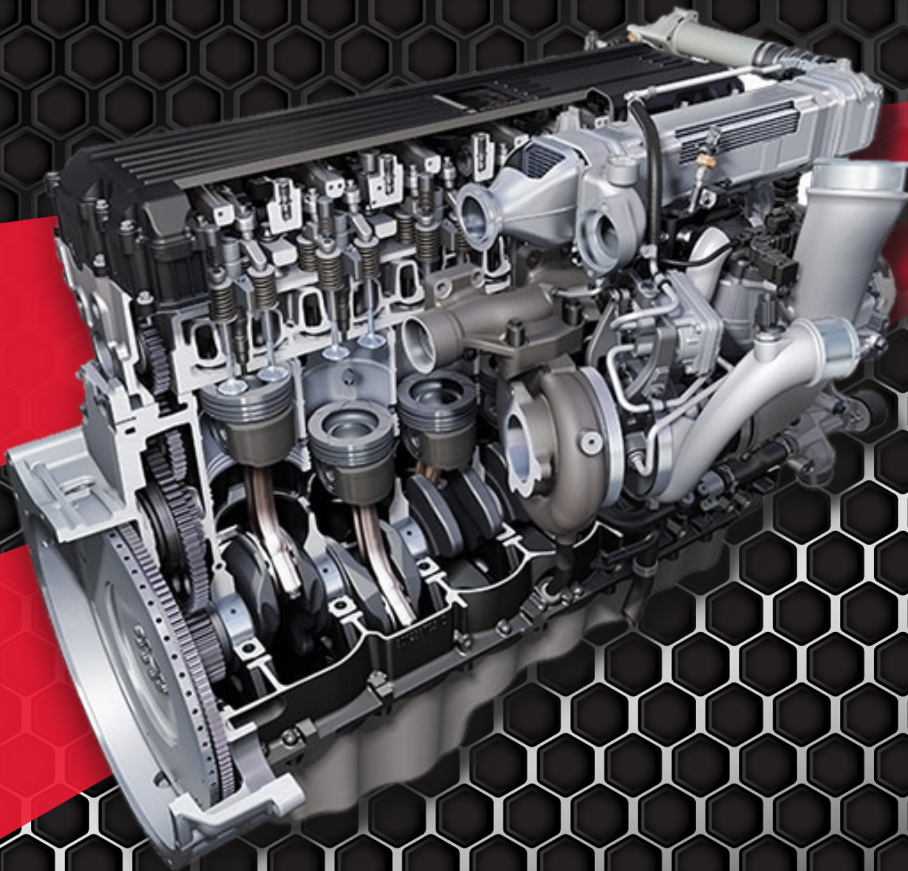




REPLACEMENT PARTS FOR

NAVISTAR[®] / INTERNATIONAL[®]

ENGINE APPLICATION



(844) 447-5487

WWW.HIGHWAYANDHEAVYPARTS.COM



BASIC ENGINE IDENTIFICATION

466	H	M2	U	2101948
Engine Model	Configuration	Application	Origin	Unit #
360 = A model	B = Turbo JWAC	A2 = Service	U = USA	
361 = B model				
362 = C model	D = Natural	M2 = Truck		
408	Aspirated			
466 = A model				
467 = B model	G = Turbo Air to Air H			
468 = C model	= HEUI			
469 = 1st New Generation ESN 850654 9/27/93	T = Turbo			
470 = 2nd New Generation ESN 1194039 MY 2000 4.59" bore				
466H = MY 2004-2006 (Beginning ESN 2000000)				
466H = MY 2007-2009 (Beginning ESN 3000000)				
530 = A model				
531 = B model				
570H = MY 2004-2006 (Beginning ESN 2000000)				
570H = MY 2007-2009 (Beginning ESN 3000000)				

All of the above models are inline six cylinder diesel engines built on a common platform. The different displacements produced are achieved by bore and stroke variation.

ESN location:

The complete engine serial number (ESN) is stamped on a pad on the side of the cylinder block. For units built prior to model year 2000 the location is on the left hand side of the block just below the cylinder head to cylinder block parting line. For model year 2000 and newer units the serial location was moved to the right side of the cylinder block between the oil cooler and top of the block.

Emission Label:

The emission label is located on top of the rocker cover or intake manifold. The engine model, model year, horsepower rating and torque rating can be obtained from this label. This information is required to determine the correct components for most units built post 1993.

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ENGINE KIT QUICK REFERENCE

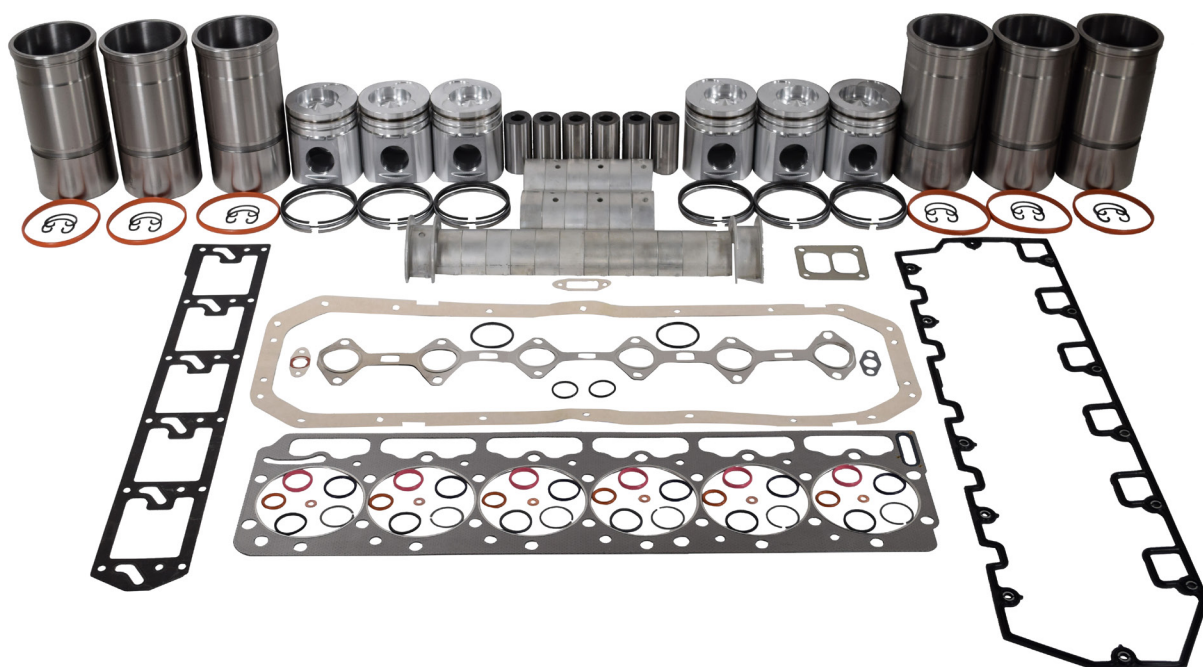
ESN PREFIX	MODEL	UNIT #	YEAR	HP RATING	TORQUE	IN-FRAME KIT
360/361/362	DT 360	39375 & above	1988 - 1991	All	All	1817253C96
408	DT408	850654 & above	1993-1994	All	All	1826322C97
466/467/468	DT466	439618 & below	1978-1984	All	All	P029717
	DT466	439619 & above	1984-1993	All	All	P029718
466/467/468	DT466	439618 & below	1978-1984	All	All	1825442C92
	DT466	439619 & above	1984-1993	All	All	1825443C92
469G	DT466P	850654 to 888340	1993-1994	All	All	1830063C96
469G	DT466P	888341 & above	1995-1997	175ST	430@1700	1850011C92
				190ST	485@1700	
				195HT	520@1500	
				210ST	605@1700	
				210HT	605@1500	
				230ST	605@1700	
469G	DT466P	888341 & above	1995-1997	230HT	660@1500	7083124C91
				250HT	660@1500	
469H	DT466E	933834 to 1194038	1995-1999	175ST	430@1500	1841391C94
				190ST	485@1500	
				195HT	520@1450	
				210ST	520@1500	
469H	DT466E	933834 to 1126948	1995-1998	210HT	605@1450	1833446C97
				230ST	605@1500	
				230HT	660@1450	
				250HT	660@1450	
469H	DT466E	1126949 to 1194038	1999	230HT	660@1450	1830566C98
				250HT	660@1450	
470	DT466E	1194039 to MY 2004	2000-2003	175ST	460@1400	1888653C95
				195ST	520@1400	
				195HT	560@1400	
				215ST	540@1400	
				215ST	560@1400	
				215HT	620@1400	
470	DT466E	1194039 to MY 2004	2000-2003	230ST	620@1400	1889992C94
				230HT	660@1400	
				250ST	660@1400	
				250HT	800@1400	

ENGINE KIT QUICK REFERENCE

ESN PREFIX	MODEL	UNIT #	YEAR	HP RATING	TORQUE	IN-FRAME KIT
466H	DT466E	2000000 to MY 2005	2004	210ST	520@1400	1890946C94
				220ST	540@1400	
				225ST	560@1400	
				225HT	620@1400	
466H	DT466E	2000000 to MY 2005	2004	245ST	620@1400	1893952C93
				245HT	660@1400	
				255ST	660@1400	
				260HT	800@1400	
				285HT	800@1400	
				300HT	860@1400	
466H	DT466E	approx. 2046901 to MY 2007	2005-2006	210ST	520@1400	1897395C92
				220ST	540@1400	
				225ST	560@1400	
				225HT	620@1400	
466H	DT466E	approx. 2046901 to MY 2007	2005-2006	245ST	620@1400	1885597C98
				245HT	660@1400	
				255ST	660@1400	
				260HT	800@1400	
				285HT	800@1400	
				300HT	860@1400	
466H	Maxxforce DT	3000000 to MY 2008.5	2007-2008.5	210	560@1400	1889238C98
				225	560@1400	
				225	620@1400	
				230	620@1400	
				245	620@1400	
466H	Maxxforce DT	3000000 to MY	2007-2008.5	255	660@1400	1889239C99
				260	800@1400	
				285	800@1400	
				300	860@1400	
466H	Maxxforce DT	MY 2008.5 to 3300000	2008.5-2009	210	560@1400	Call For Availability
				225	560@1400	
				225	620@1400	
				230	620@1400	
466H	Maxxforce DT	MY 2008.5 to 3300000	2008.5-2009	245	620@1400	1889239C99
				255	660@1400	
				260	800@1400	
				285	800@1400	
				300	800@1400	

ENGINE KIT QUICK REFERENCE

ESN PREFIX	MODEL	UNIT #	YEAR	HP RATING	TORQUE	IN-FRAME KIT
466H	Maxxforce DT	3300000 & above	2010	215	560@1300	1893941C94
				230	620@1300	
				230	660@1300	
466H	Maxxforce DT	3300000 & above	2010	245	660@1300	1889893C97
				260	660@1300	
				270	860@1300	
				280	860@1300	
				300	860@1300	
530G	530PLN		1993-1997	Below 300	All	1833447C97
530G	530PLN	915841 & above	1993-1997	300	All	1841285C96
530H	DT530E	1194038 & below	1995-1999	Below 300	All	1836012C99
530H	DT530E	1194038 & below	1995-1999	300 & above	All	7083126C91
531H	DT530E	1194039 to MY 2004	2000-6/2004	275 & below	All	1876205C98
531H	DT530E	1194039 to MY 2004	2000-6/2004	300 & above	All	1894140C92
570H	DT/HT570	2000000 to MY 2007	2004-2006	285 & above	All	7081279C91
570H	Maxxforce 9/10	3000000 to MY 2009	2007-2009	300 & above	All	1889280C97



*Included in Cylinder Kit

All manufacturer's names, symbols and descriptions are used for reference only and it is not implied that any part is the product of these manufacturers.

DT360/DTA360

IN-FRAME KIT

Part #	Quantity	Description	Comment
1817253C96	1	In-Frame Kit (1817250C92)	ESN 39375 & above

CYLINDER COMPONENTS

Part #	Quantity	Description	Comment
1817250C92	6	Cylinder Kit	ESN 39375 & above
1817178C2	6	Piston *	
1809935C4	6	Cylinder Liner *	
1817251C91	6	Ring Set *	
1809914C1	6	Piston Pin *	
326751R1	12	Pin Retainer *	
1809935C4WS	6	Cylinder Liner Kit	w/ Liner O-rings
1809938C91	6	Liner Packing Kit	O-rings for one Cylinder Liner

ENGINE BEARINGS

Part #	Quantity	Description	Comment
1823863C91	6	Connecting Rod Bearing STD	
1823864C91	6	Connecting Rod Bearing .010"	
1823865C91	6	Connecting Rod Bearing .020"	
1823866C91	6	Connecting Rod Bearing .030"	
1823859C91	1	Main Bearing Set STD	
1823860C91	1	Main Bearing Set .010"	
1823861C91	1	Main Bearing Set .020"	
1823862C91	1	Main Bearing Set .030"	
680117C3	1	Cam Bearing Set	
1810049C1	6	Connecting Rod Bushing	
327185R91	1	Idler Bearing	

DT360/DTA360

GASKET SETS

Part #	Quantity	Description	Comment
1817255C95	1	Upper Gasket Set	
1815668C95	1	Lower Gasket Set	
1817256C99	1	Overhaul Gasket Set Complete	w/ Crank Seals
1813933C96	1	Front Cover Gasket Set	
675389C1	1	Rocker Cover Gasket	
671825C4	1	Oil Pan Gasket	

CYLINDER HEADS AND COMPONENTS

Part #	Quantity	Description	Comment
676687C4	6	Intake Valve	
671602C1	6	Intake Seat .002" OS OD	
671604C1	6	Intake Seat .015" OS OD	
1810086C2	6	Exhaust Valve	
671599C2	6	Exhaust Seat .002" OS OD	
671601C2	6	Exhaust Seat .015" OS OD	
41339D	24	Valve Lock	
675439C1	12	Valve Guide	ESN ≤ 72706 (2.750"L)
1815264C1	12	Valve Guide	ESN ≥ 72707 (2.610"L)
682064C1	12	Valve Spring	
1811581C91	12	Rotator Assembly (w/ Shield)	ESN ≤ 72706
1824680C1	12	Rotator Assembly	ESN ≥ 72707
681234C1	12	Rotator Shield	ESN ≤ 72706
1815374C1	12	Valve Stem Seal ("Top Hat" style)	ESN ≥ 72707
675442C1	6	Injector Sleeve	
1802340C1	12	Valve Lifter - Solid 1.120" OD	

CRANKSHAFT SEALS

Part #	Quantity	Description	Comment
690437C95	1	Front Crankshaft Seal Kit	
1809964C92	1	Rear Crankshaft Seal Kit	

*In development at time of publication. Call for availability.
Always verify ESN for proper fitment.

DT360/DTA360

OIL COOLER

Part #	Quantity	Description	Comment
1810216C2	1	Cooler Cartridge	
675513C1	2	Mounting Gasket	
252483R1	4	Seal Ring	

OIL PUMP

Part #	Quantity	Description	Comment
1802666C92	1	Rotor Set (1.00" thick)	ESN < 466775

THERMOSTAT

Part #	Quantity	Description	Comment
1801191C91	1	Thermostat Kit 180°	Includes Seal & Gasket

WATER PUMP

Part #	Quantity	Description	Comment
685155C95	1	Water Pump Prior to 10/91	6 Bolt Fan Drive
1815538C91	1	Water Pump 10/91 and later	Screw-on Fan Drive

GASKET LISTING

Part #	Quantity	Description	Comment
1810169C2	1	Exhaust Manifold Gasket	
1810510C3	1	Front Cover Gasket	
675812C2	1	Front End Plate Gasket	ESN ≤ 54458
1813962C1	1	Front End Plate Gasket	ESN ≥ 54459
675609C1	1	Injection Pump Gasket	
675477C1	6	Injector Nozzle Gasket	Stanadyne
682199C2	1	Intake Manifold Gasket	
675513C1	2	Oil Cooler Gasket	
671825C4	1	Oil Pan Gasket	
59658D	1	Oil Pan Drain Gasket	
1802867C1	1	Oil Pickup Tube Gasket	ESN ≥ 466776
675389C1	1	Rocker Cover Gasket	
677692C2	6	Rocker Cover Grommet	
670073C2	1	Turbocharger Mounting Gasket	
253660R2	1	Turbocharger Oil Supply Gasket	
670079C3	1	Turbocharger Oil Drain Gasket	

DT466/DTA466 A/B/C TO NEW GENERATION

IN-FRAME KITS

Part #	Quantity	Description	Comment
1825442C92	1	In-Frame Kit (1817645C94)	ESN 75000 to 439618
1825443C92	1	In-Frame Kit (1817645C94)	ESN 436619 to 1st New Generation
P029717	1	In-Frame Kit (CK466-4) +	ESN 75000 to 439618
P029718	1	In-Frame Kit (CK466-4) +	ESN 436619 to 1st New Generation

OVERHAUL KITS

Part #	Quantity	Description	Comment
P029730	1	Overhaul Kit (1817645C94)	ESN 75000 to 439618
P029734	1	Overhaul Kit (1817645C94)	ESN 439619 to 1st New Generation
P029727	1	Overhaul Kit (CK466-4) +	ESN 75000 to 439618
P029728	1	Overhaul Kit (CK466-4) +	ESN 439619 to 1st New Generation

CYLINDER COMPONENTS

Part #	Quantity	Description	Comment
CK466-4	6	Cylinder Kit %	ESN 75000 to ESN 439619 to 1st New Generation
P029738	6	4-Ring Piston *	
RS466-4	6	Ring Set *	
670675C1	6	Piston Pin *	
326874R1	12	Pin Retainer *	
1810504C2	6	Cylinder Liner	
680086C1	6	Liner Packing Kit *	O-rings for one Cylinder Liner
1817645C94	6	Cylinder Kit %	ESN 75000 to ESN 439619 to 1st New Generation
1817520C2	6	Piston *	
1817247C91	6	Ring Set *	
670675C1	6	Piston Pin *	
326874R1	12	Pin Retainer *	
1810504C2	6	Cylinder Liner *	
680086C1	6	Liner Packing Kit *	O-rings for one Cylinder Liner
675774C2	18	Liner O-rings	

* Included in Cylinder Kit % Note: These must be used in full sets only.

DT466/DTA466 A/B/C TO NEW GENERATION

ENGINE BEARINGS

Part #	Quantity	Description	Comment
681314C3	6	Connecting Rod Bearing STD	ESN ≤ 439618 (1.195"W)
681315C3	6	Connecting Rod Bearing .010"	
687382C3	6	Connecting Rod Bearing .020"	
681316C3	6	Connecting Rod Bearing .030"	
1808059C92	6	Connecting Rod Bearing STD	ESN ≥ 439619 (1.255"W)
1808060C92	6	Connecting Rod Bearing .010"	
1808061C92	6	Connecting Rod Bearing .020"	
1808062C92	6	Connecting Rod Bearing .030"	
684570C93	6	Main Bearing STD	ESN ≤ 439618 (1.220"W)
684579C93	1	Main Bearing STD	
684573C93	6	Main Bearing 010"	
684582C93	1	Main Bearing 010"	
687391C3	6	Main Bearing 020"	
687394C3	1	Main Bearing 020"	
684576C93	6	Main Bearing 030"	
684585C93	1	Main Bearing 030"	
1808069C92	6	Main Bearing STD	ESN ≥ 439619 (1.293"W)
684579C93	1	Main Bearing STD	
1808070C92	6	Main Bearing .010"	
684582C93	1	Main Bearing .010"	
1808071C92	6	Main Bearing .020"	
687394C3	1	Main Bearing .020"	
1808072C92	6	Main Bearing .030"	
684585C93	1	Main Bearing .030"	
680117C3	1	Cam Bearing Set	
675006C2	6	Connecting Rod Bushing	
327185R91	1	Idler Bearing	

DT466/DTA466 A/B/C TO NEW GENERATION

GASKET SETS

Part #	Quantity	Description	Comment
1817254C96	1	Upper Gasket Set	
674399C96	1	Lower Gasket Set	ESN < 567491
P029705	1	Lower Gasket Set (w/ Crank Seals)	
1815668C95	1	Lower Gasket Set	ESN > 567492
P029691	1	Lower Gasket Set (w/ Crank Seals)	
680084C97	1	Front Cover Gasket Set	ESN ≤ 567491
1813933C96	1	Front Cover Gasket Set	ESN ≥ 567492
675109C3	1	Rocker Cover Gasket	
671827C4	1	Oil Pan Gasket	

CYLINDER HEAD COMPONENTS

Part #	Quantity	Description	Comment
675046C4	6	Intake Valve	
671559C1	6	Intake Seat .002" OS OD	
671561C1	6	Intake Seat .015" OS OD	
676865C4	6	Exhaust Valve	
671563C3	6	Exhaust Seat .002" OS OD	
671565C3	6	Exhaust Seat .015" OS OD	
41339D	24	Valve Lock	
675439C1	12	Valve Guide	ESN ≤ 594839 (2.750"L)
1815264C1	12	Valve Guide	ESN ≥ 594840 (2.610"L)
682064C1	12	Valve Spring	ESN ≤ 532980 (2.340"L)
677349C1	12	Valve Spring	ESN ≥ 532981 (2.292"L)
1811581C91	12	Rotator Assembly (w/ Shield)	ESN ≤ 594839
1824680C1	12	Rotator Assembly	ESN ≥ 594840
681234C1	12	Rotator Shield	ESN ≤ 594839
1815374C1	12	Valve Stem Seal ("Top Hat" style)	ESN ≥ 594840
675442C1	6	Injector Sleeve	
682840C1	12	Exhaust Manifold Stud	

DT466/DTA466 A/B/C TO NEW GENERATION

CRANKSHAFT & SEALS

Part #	Quantity	Description	Comment
675669C92	1	Crankshaft	
690437C95	1	Front Crankshaft Seal Kit	
1809964C92	1	Rear Crankshaft Seal Kit	

CAMSHAFT & LIFTERS

Part #	Quantity	Description	Comment
1802337C1	1	Solid Lifter Camshaft	ESN 143536 to 532980
1810744C1	1	Roller Lifter Camshaft	ESN ≥ 532981
911776R3	12	Valve Lifter - Solid .997" OD	ESN ≤ 140086
1802340C1	12	Valve Lifter - Solid 1.120" OD	ESN 140087 to 532980
1809570C5	12	Valve Lifter - Roller	ESN ≥ 532981

OIL COOLER

Part #	Quantity	Description	Comment
1810171C2	1	Cooler Cartridge	ESN > 517250
675513C1	2	Mounting Gasket	
252483R1	4	Seal Ring	

OIL PUMP

Part #	Quantity	Description	Comment
1802666C92	1	Rotor Set (1.00" Thick)	ESN ≤ 466775
1808832C92	1	Rotor Set (1.25" Thick)	ESN ≥ 466776

THERMOSTAT

Part #	Quantity	Description	Comment
1801191C91	1	Thermostat Kit 180°	Includes Seal & Gasket

WATER PUMP

Part #	Quantity	Description	Comment
685155C94	1	Water Pump	ESN < 642459 S-Series & Paystar
680899C2	1	Water Pump	ESN < 642459 Cargostar
1815538C91	1	Water Pump	ESN > 642460 Screw-on Fan Drive

DT466/DTA466 A/B/C TO NEW GENERATION

GASKET LISTING

Part #	Quantity	Description	Comment
673973C4	1	Breather Mounting Gasket	ESN < 618496
688928C2	6	Exhaust Manifold Gasket	
677082C3	1	Front Cover Gasket	Cargostar
675813C2	1	Front Cover Gasket	ESN < 532980 S-Series & Paystar
1810510C3	1	Front Cover Gasket	ESN > 532981
683791C2	1	Front End Plate Gasket	Cargostar
675812C2	1	Front End Plate Gasket	ESN < 532980 Paystar
675812C2	1	Front End Plate Gasket	ESN < 567491 S-Series
1813962C1	1	Front End Plate Gasket	ESN > 567492
674754C1	1	Injection Pump O-ring	
675609C2	1	Injection Pump Gasket	
675477C1	6	Injector Nozzle Gasket	
682199C2	1	Intake Manifold Gasket	
675513C1	2	Oil Cooler Gasket	
671827C4	1	Oil Pan Gasket	
59658D	1	Oil Pan Drain Gasket	
671821C2	1	Oil Pickup Tube Gasket	ESN < 466775
1802867C2	1	Oil Pickup Tube Gasket	ESN > 466776
675109C3	1	Rocker Cover Gasket	
677692C2	6	Rocker Cover Grommet	
670073C2	1	Turbocharger Mounting Gasket	
253660R2	1	Turbocharger Oil Supply Gasket	
670079C3	1	Turbocharger Oil Drain Gasket	

DT408/DT466P/I530P NEW GENERATION PLN MODELS

IN-FRAME KITS

Part #	408	466	530	Description (Cylinder Kit)	Comment
1826322C97	1			In-Frame Kit (1822332C97)	
1830063C96		1		In-Frame Kit (1822340C96)	ESN < 888340
1850011C92		1		In-Frame Kit (1824823C94)	ESN > 888341 175 - 230ST
7083124C91		1		In-Frame Kit (1824820C93)	ESN > 888341 230HT & 250 all
1833447C97			1	In-Frame Kit (1822333C98)	250ST & 275ST/HT

DT408/DT466P/I530P NEW GENERATION PLN MODELS

CYLINDER COMPONENTS

Part #	408	466	530	Description	Comment
1822332C97	6			Cylinder Kit	
1822217C3	6			Piston *	
1817247C93	6			Ring Set *	
1818552C1	6			Piston Pin *	
1818702C1	12			Pin Retainer *	
1815674C1	6			Cylinder Liner *	
1822322	6			Liner Seal Kit *	
1822340C96		6		Cylinder Kit	ESN < 888340
1822097C2		6		Piston *	
1817247C93		6		Ring Set *	
1818552C1		6		Piston Pin *	
1818702C1		12		Pin Retainer *	
1815674C1		6		Cylinder Liner *	
1822322		6		Liner Seal Kit *	
1824823C94		6		Cylinder Kit	ESN > 888341 175-230ST
1824810C1		6		Piston *	
1825461C92		6		Ring Set *	
1818552C1		6		Piston Pin *	
1818702C1		12		Pin Retainer *	
1815674C1		6		Cylinder Liner *	
1822322		6		Liner Seal Kit *	
1824820C93		6		Cylinder Kit	ESN > 888341 230HT & 250 all
1823930C1		6		Piston *	
1817247C93		6		Ring Set *	
1818552C1		6		Piston Pin *	
1818702C1		12		Pin Retainer *	
1815674C1		6		Cylinder Liner *	
1822322		6		Liner Seal Kit *	
1822333C98			6	Cylinder Kit - 1pc piston	250ST & 275ST/HT
1822098C3			6	Piston *	
1822337C91			6	Ring Set *	
1818552C1			6	Piston Pin *	
1818702C1			12	Pin Retainer *	
1875703C2			6	Cylinder Liner *	1888652C91 Liner Kit
1822322			6	Liner Seal Kit *	

*Included in Cylinder Kit

DT408/DT466P/I530P NEW GENERATION PLN MODELS

ENGINE BEARINGS

Part #	408	466	530	Description	Comment
1822389C91	6	6	6	Connecting Rod Bearing	STD
1822486C91	6	6	6	Connecting Rod Bearing	.010"
1822487C91	6	6	6	Connecting Rod Bearing	.020"
1822488C91	6	6	6	Connecting Rod Bearing	.030"
1822321C91	6	6	6	Main Bearing	STD
1822379C91	1	1	1	Main Bearing	STD
1822490C91	6	6	6	Main Bearing	.010"
1822494C91	1	1	1	Main Bearing	.010"
1822491C91	6	6	6	Main Bearing	.020"
1822495C91	1	1	1	Main Bearing	.020"
1822492C91	6	6	6	Main Bearing	.030"
1822496C91	1	1	1	Main Bearing	.030"
680117C3	1	1	1	Cam Bearing Set	
1818598C1	6	6	6	Connecting Rod Bushing	

GASKET SETS

Part #	408	466	530	Description	Comment
1822328C96	1	1	1	Upper Gasket Set	
1830374C97	1	1	1	Lower Gasket Set	w/o Crank Seals
1822365C99	1	1	1	Front Cover Gasket Set	
1823181C93	1	1	1	Turbocharger Installation Gasket Set	
1823182C95	1	1	1	Oil Cooler Installation Gasket Set	
1817510C1	1	1	1	Valve Cover Gasket	
1826587C1	1	1	1	Oil Pan Gasket	

DT408/DT466P/I530P NEW GENERATION PLN MODELS

CRANKSHAFT SEALS

Part #	408	466	530	Description	Comment
690437C95	1	1	1	Front Crankshaft Seal Kit	
1817867C93	1	1	1	Rear Crankshaft Seal Kit	

OIL COOLER

Part #	408	466	530	Description	Comment
1815904C2	1	1	1	Cooler Core	
1823182C95	1	1	1	Oil Cooler Installation Gasket Set	

THERMOSTAT

Part #	408	466	530	Description	Comment
1830256C93	1	1	1	Thermostat Kit 190°	

WATER PUMP

Part #	408	466	530	Description	Comment
1830606C95	1	1	1	Water Pump	
1819099C1	1	1	1	Water Pump	

CYLINDER HEAD PARTS

Part #	408	466	530	Description	Comment
1818580C1	6	6	6	Intake Valve	
675043C1	6	6	6	Intake Seat	
1824838C1	6	6	6	Exhaust Valve	
675450C3	6	6	6	Exhaust Seat	
1810944C1	24	24	24	Valve Lock	
1820264C1	12	12	12	Valve Guide	
677349C1	6	6	6	Valve Spring - Intake	
1825540C1	6	6	6	Valve Spring - Exhaust	
1820826C91	12	12	12	Rotator Retainer (w/ Shield)	
1819380C1	12	12	12	Rotator Shield	
1822245C1	12	12	12	Valve Stem Seal ("Top Hat" style)	
675442C1	6	6	6	Injector Sleeve	
1809570C5	12	12	12	Roller Tappet	

(PLN Injection & 5/16" Valve Stem) ESN ≤ 956463

DT408/DT466P/I530P NEW GENERATION PLN MODELS

CYLINDER HEAD PARTS (CONT.)

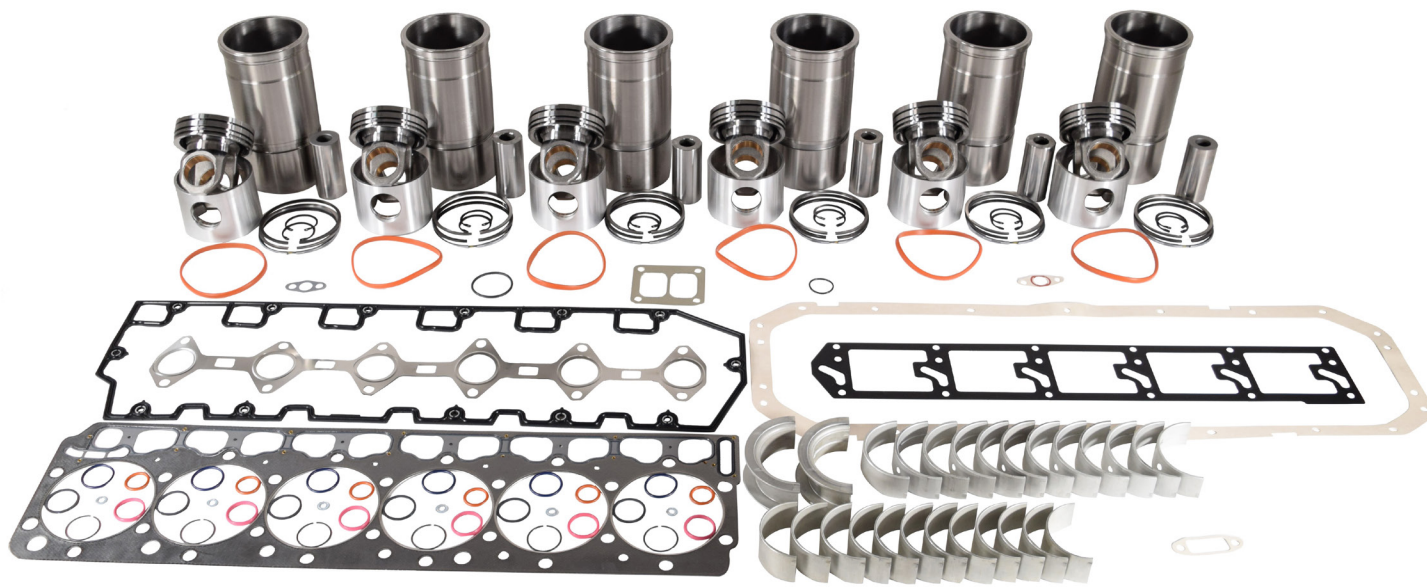
Part #	408	466	530	Description	Comment
1824642C2	6	6	6	Intake Valve	
675043C1	6	6	6	Intake Seat	
1824842C1	6	6	6	Exhaust Valve	
675450C3	6	6	6	Exhaust Seat	
1824644C1	24	24	24	Valve Lock	
1824646C1	12	12	12	Valve Guide	
677349C1	6	6	6	Valve Spring - Intake	
1825540C1	6	6	6	Valve Spring - Exhaust	
1824680C1	12	12	12	Rotator Retainer (w/ Shield)	
1824683C1	12	12	12	Rotator Shield	
1823925C1	12	12	12	Valve Stem Seal ("Top Hat" style)	
675442C1	6	6	6	Injector Sleeve	
1809570C5	12	12	12	Roller Tappet	

(PLN Injection & 3/8" Valve Stem) ESN $\geq$ 956464

DT466E/I530E NEW GENERATION ELECTRONIC <2000000

INFRAME KITS

Part #	466E	530E	Description (Cylinder Kit)	Comment
1841391C94	1		In-Frame Kit (1825690C94)	ESN 980820 - 1194038 175-210ST
1833446C97	1		In-Frame Kit (1824966C93)	ESN < 1126948 210HT & 230-250 all
1830566C98	1		In-Frame Kit (1830565C92)	ESN 1126949 - 1194038 230-250 all
1888653C95	1		In-Frame Kit (1836192C91)	ESN > 1194039 175-215 all
1889992C94	1		In-Frame Kit (1836299C91)	ESN > 1194039 230-250 all
1836012C99		1	In-Frame Kit (1825547C94) 1pc	ESN 981120 - 1194038 250-275 all
7083126C91		1	In-Frame Kit (1825548C95) X-HD	ESN 981120 - 1194038 300 & above
1876205C98		1	In-Frame Kit (1830715C93) 1pc	ESN > 1194039 250-275 all
1894140C92		1	In-Frame Kit (1830716C95) X-HD	ESN > 1194039 300 & above
1822491C91	6	6	6	
1822495C91	1	1	1	
1822492C91	6	6	6	
1822496C91	1	1	1	
680117C3	1	1	1	
1818598C1	6	6	6	



DT466E/I530E NEW GENERATION ELECTRONIC <2000000

CYLINDER COMPONENTS

Part #	466E	530E	Description	Comment
1825585C2	6		Cylinder Kit	ESN 980820 - 1194038 175-210ST
1825461C92	6		Piston *	
1818552C1	6		Ring Set *	
1818702C1	6		Piston Pin *	
1815674C1	12		Pin Retainer *	
1822322	6		Cylinder Liner *	
1824966C93	6		Liner Seal Kit *	
1823313C1	6		Cylinder Kit	ESN < 1126948 210HT & 230-250 all
1817247C93	6		Piston *	
1818552C1	6		Ring Set *	
1818702C1	6		Piston Pin *	
1815674C1	12		Pin Retainer *	
1822322	6		Cylinder Liner *	
1830565C92	6		Liner Seal Kit *	
1830375C1	6		Cylinder Kit	ESN 1126949 - 1194038 230-250 all
1817247C93	6		Piston *	
1818552C1	6		Ring Set *	
1818702C1	6		Piston Pin *	
1815674C1	12		Pin Retainer *	
1822322	6		Cylinder Liner *	
1836192C98	6		Liner Seal Kit *	
1836321C21	6		Cylinder Kit	ESN > 1194039 175-215 all
1830724C92	6		Piston *	
1874253C1	6		Ring Set *	
1818702C1	6		Piston Pin *	
1875703C2	12		Pin Retainer *	
1842115C1	6		Cylinder Liner *	1888652C91 Liner Kit
* Included in Cylinder Kit				

DT466E/I530E NEW GENERATION ELECTRONIC <2000000

CYLINDER COMPONENTS

Part #	466E	530E	Description	Comment
1836299C96	6		Cylinder Kit	ESN > 1194039 230-250 all
1833092C2	6		Piston *	
1830723C92	6		Ring Set *	
1874253C1	6		Piston Pin *	
1818702C1	12		Pin Retainer *	
1875703C2	6		Cylinder Liner *	1888652C91 Liner Kit
1842115C1	6		Crevice Seal *	
1825547C97		6	Cylinder Kit - 1pc Piston	ESN 981120 - 1194038 250-275 all
1825593C1		6	Piston *	
1822337C91		6	Ring Set *	
1818552C1		6	Piston Pin *	
1818702C1		12	Pin Retainer *	
1875703C2		6	Cylinder Liner *	1888652C91 Liner Kit
1842115C1		6	Crevice Seal *	
1825548C98		6	Cylinder Kit - X-HD Piston	ESN 981120 - 1194038 300 & above
1826412C1		6	Piston *	
1826414C1		6	Skirt*	
1822337C91		6	Ring Set *	
1818552C1		6	Piston Pin *	
1818702C1		12	Pin Retainer *	1888652C91 Liner Kit
1875703C2		6	Cylinder Liner *	
1842115C1		6	Crevice Seal *	
1830715C98		6	Cylinder Kit - 1pc Piston	ESN > 1194039 250-275 all
1830532C2		6	Piston *	
1830723C92		6	Ring Set *	
1874253C1		6	Piston Pin *	
1818702C1		12	Pin Retainer *	
1875703C2		6	Cylinder Liner *	M-1888652C91 Liner Kit
1842115C1		6	Crevice Seal *	
1830716C99		6	Cylinder Kit - X-HD Piston	ESN > 1194039 300 & above
1836320C1		6	Piston *	
1833433C1		6	Skirt*	
1830724C92		6	Ring Set *	
1874253C1		6	Piston Pin *	
1818702C1		12	Pin Retainer *	1888652C91 Liner Kit
1875703C2		6	Cylinder Liner *	
1842115C1		6	Crevice Seal *	

* Included in Cylinder Kit

DT466E/I530E NEW GENERATION ELECTRONIC <2000000

ENGINE BEARINGS - ESN ≤ 1194038

Part #	466E	530E	Description	Comment
1822389C91	6	6	Connecting Rod Bearing STD	ESN ≤ 1194038
1822486C91	6	6	Connecting Rod Bearing .010"	
1822487C91	6	6	Connecting Rod Bearing .020"	
1822488C91	6	6	Connecting Rod Bearing .030"	
1822321C91	6	6	Main Bearing STD	ESN ≤ 1194038
1822379C91	1	1	Main Bearing STD	
1822490C91	6	6	Main Bearing .010"	
1822494C91	1	1	Main Bearing .010"	
1822491C91	6	6	Main Bearing .020"	
1822495C91	1	1	Main Bearing .020"	
1822492C91	6	6	Main Bearing .030"	
1822496C91	1	1	Main Bearing .030"	
680117C3	1	1	Cam Bearing Set	
1818598C1	6	6	Connecting Rod Bushing	

ENGINE BEARINGS - ESN ≥ 1194038

Part #	466E	530E	Description	Comment
1842570C92	6	6	Connecting Rod Bearing	ESN ≥ 1194039
1842900C92	6	6	Connecting Rod Bearing	
1842901C92	6	6	Connecting Rod Bearing	
1833381C91	6	6	Connecting Rod Bearing	
1830725C91	6	6	Main Bearing STD	ESN ≥ 1194039
1830726C91	1	1	Main Bearing STD	
1833364C91	6	6	Main Bearing .010"	
1833361C91	1	1	Main Bearing .010"	
1833365C91	6	6	Main Bearing .020"	
1833362C91	1	1	Main Bearing .020"	
1833366C91	6	6	Main Bearing .030"	
1833363C91	1	1	Main Bearing .030"	
680117C3	1	1	Cam Bearing Set	
1818598C1	6	6	Connecting Rod Bushing	MY2000-2001
1872733C2	6	6	Connecting Rod Bushing	MY2002-2003 (cast#1841534C1)

DT466E/I530E NEW GENERATION ELECTRONIC <2000000

GASKET SETS

Part #	466E	530E	Description	Comment
1894141C92	1	1	Upper Gasket Set	ESN ≤ 1194038
1830720C96	1		Upper Gasket Set	ESN ≥ 1194039
1830721C96		1	Upper Gasket Set	ESN ≥ 1194039
1874865C92	1	1	Lower Gasket Set	
1824984C95	1	1	Front Cover Gasket Set	
MCBS0008	6	6	Injector Seal Ring Kit	1833564C92 OE Ref#
MCBS0007	6	6	Injector Internal Seal Ring Kit	
1823181C93	1	1	Turbocharger Install Gasket Set	
1823182C95	1	1	Oil Cooler Installation Gasket Set	
1825602C92	1	1	Valve Cover Gasket	
1826587C1	1	1	Open Pan Gasket	

CRANKSHAFT SEALS

Part #	466E	530E	Description	Comment
690437C95	1	1	Front Crankshaft Seal Kit	
1817867C93	1	1	Rear Crankshaft Seal Kit	

OIL COOLER

Part #	466E	530E	Description	Comment
1815904C2	1	1	Cooler Core	
1823182C95	1	1	Oil Cooler Installation Gasket Set	

THERMOSTAT

Part #	466E	530E	Description	Comment
1830256C93	1	1	Thermostat Kit 190°	
1836075C1	1	1	Seal Ring	

WATER PUMP

Part #	466E	530E	Description	Comment
1830606C95	1	1	Water Pump	
1819099C1	1	1	Seal Ring	

DT466E/I530E NEW GENERATION ELECTRONIC <2000000

CYLINDER HEAD PARTS - ESN ≤ 1194038

Part #	466E	530E	Description	Comment
1823875C3	6	6	Intake Valve	
1821900C1	6	6	Intake Seat STD	
1821901C1	6	6	Intake Seat .002" OS	
1821902C1	6	6	Intake Seat .015" OS	
1824840C1	6	6	Exhaust Valve	
1821903C3	6	6	Exhaust Seat STD	
1821904C3	6	6	Exhaust Seat .002" OS	
1821905C3	6	6	Exhaust Seat .015" OS	
1824644C1	24	24	Valve Lock	
1824647C1	12	12	Valve Guide	
677349C1	6	6	Valve Spring - Intake	
1825540C1	6	6	Valve Spring - Exhaust	
1824680C1	12	12	Rotator Retainer (w/ Shield)	
1824683C1	12	12	Rotator Shield	
1823925C1	12	12	Valve Stem Seal ("Top Hat" style)	
1818778C3	6	6	Injector Sleeve	
1809570C5	12	12	Roller Tappet	



DT466E/I530E NEW GENERATION ELECTRONIC <2000000

CYLINDER HEAD PARTS - ESN 1194039 TO 2000000

Part #	466E	530E	Description	Comment
1826471C1	6	6	Intake Valve	
1827121C2	6	6	Intake Seat STD	
1830310C2	6	6	Intake Seat .002" OS	
1830311C2	6	6	Intake Seat .015" OS	
1824840C1	6	6	Exhaust Valve	
1830711C1	6	6	Exhaust Seat STD	
1830712C1	6	6	Exhaust Seat .002" OS	
1830713C1	6	6	Exhaust Seat .015" OS	
1824644C1	24	24	Valve Lock	
1824647C1	12	12	Valve Guide	
677349C1	6	6	Valve Spring - Intake	
1825540C1	6	6	Valve Spring - Exhaust	
1824680C1	12	12	Rotator Retainer (w/ Shield)	
1824683C1	12	12	Rotator Shield	
1823925C1	12	12	Valve Stem Seal	
1833382C1	6	6	Injector Sleeve	
1809570C5	12	12	Roller Tappet	

DT466E/570E MY 2004-2006>2000000 ESN

IN-FRAME KITS

Part #	466E	530E	Description	Comment
1890946C94	1		In-Frame Kit (1842554C95)	
1893952C93	1		In-Frame Kit (1842556C96)	
1897395C92	1		In-Frame Kit (1876100C94)	
1885597C98	1		In-Frame Kit (1850403C94)	
7081279C91		1	In-Frame Kit (1876102C93)	

DT466E/570E MY 2004-2006>2000000 ESN

CYLINDER COMPONENTS

Part #	466E	530E	Description	Comment
1842554C95	6		Cylinder Kit	
1842227C1	6		Piston *	
1830724C92	6		Ring Set *	
1874253C1	6		Piston Pin *	
1818702C1	12		Pin Retainer *	
1875703C2	6		Cylinder Liner *	1888652C91 Liner Kit
1842115C1	6		Crevice Seal *	
1842556C96	6		Cylinder Kit	
1842622C2	6		Piston *	
1842551C92	6		Ring Set *	
1874253C1	6		Piston Pin *	
1818702C1	12		Pin Retainer *	
1875703C2	6		Cylinder Liner *	1888652C91 Liner Kit
1842115C1	6		Crevice Seal *	
1876100C94	6		Cylinder Kit	
1847682C2	6		Piston *	
1876098C91	6		Ring Set *	
1874253C1	6		Piston Pin *	
1818702C1	12		Pin Retainer *	
1875703C2	6		Cylinder Liner *	1888652C91 Liner Kit
1842115C1	6		Crevice Seal *	
1850403C94	6		Cylinder Kit	
1858121C1	6		Piston *	
1850402C91	6		Ring Set *	
1874253C1	6		Piston Pin *	
1818702C1	12		Pin Retainer *	
1875703C2	6		Cylinder Liner *	1888652C91 Liner Kit
1842115C1	6		Crevice Seal *	
1876102C93		6	Cylinder Kit	
1847684C1		6	Piston *	1pc Steel
7092838C91		6	Ring Set *	
1874000C1		6	Piston Pin *	
1818702C1		12	Pin Retainer *	
1886563C1		6	Cylinder Liner *	1888652C91 Liner Kit
1842115C1		6	Crevice Seal *	

DT466E/570E MY 2004-2006>2000000 ESN

ENGINE BEARINGS

Part #	466E	530E	Description	Comment
1842570C92	6	6	Connecting Rod Bearing STD	
1842900C92	6	6	Connecting Rod Bearing .010"	
1842901C92	6	6	Connecting Rod Bearing .020"	
1833381C91	6	6	Connecting Rod Bearing .030"	
1842566C92	6	6	Main Bearing STD	
1842567C92	1	1	Main Bearing STD	
1842889C92	6	6	Main Bearing .010"	
1842892C92	1	1	Main Bearing .010"	
1842890C92	6	6	Main Bearing .020"	
1842893C92	1	1	Main Bearing .020"	
1842891C92	6	6	Main Bearing .030"	
1842894C92	1	1	Main Bearing .030"	
675424C1	1	1	Cam Bearing Front	
1842054C1	2	2	Cam Bearing Intermediate	
1842053C1	1	1	Cam Bearing Rear	
1872733C2	6	6	Connecting Rod Bushing	

GASKET SETS

Part #	466E	530E	Description	Comment
1889245C95	1	1	Gasket Set - Cylinder Head	
1889246C92	1	1	Kit - Head Gasket & Head Bolts	*
1842624C92	6	6	Seal Kit - Injector Installation	*
1842626C95	1	1	Gasket Set - High Pressure Oil Rail	*
1842623C96	1	1	Gasket Set - Turbocharger Mounting	*
1842663C93	1	1	Gasket Set - Front Cover/Front Half	
1842662C91	1	1	Gasket Set - Front Cover/Rear Half	
1842124C91	1	1	Gasket Set - Oil Cooler Assembly	
1842126C91	1	1	Gasket Set - Oil Cooler Core	
1842588C93	1	1	Gasket Set - EGR Cooler	
1842592C91	1	1	Gasket Set - EGR Mixer	
1836197C1	1	1	Oil Pan Gasket	

* Included in Cylinder Head Set

Always verify ESN for proper fitment.

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DT466E/570E MY 2004-2006>2000000 ESN

CRANKSHAFT SEALS

Part #	466E	530E	Description	Comment
1833095C93	1		Front Seal Kit	
1833096C94		1	Front Seal Kit	
1841938C1	1	1	Rear Seal Kit	

THERMOSTAT

Part #	466E	530E	Description	Comment
1842130C93	1	1	Thermostat Kit 190°	
1841771C1	1	1	Seal Ring	

WATER PUMP

Part #	466E	530E	Description	Comment
1842665C3	1	1	Water Pump	
1841348C1	1	1	Seal Ring	

CYLINDER HEAD PARTS

Part #	466E	530E	Description	Comment
1839968C1	12	12	Intake Valve	
1842137C1	12	12	Intake Seat STD	
1839970C1	12	12	Exhaust Valve	New P/N 1842145C2
1842138C1	12	12	Exhaust Seat STD	
1841566C1	48	48	Valve Lock	
1850019C1	24	24	Valve Guide	
1842146C1	24	24	Valve Spring	
1835655C1	24	24	Rotator	
1833432C1	24	24	Valve Stem Seal	New P/N 1888958C1
1841095C1	6	6	Injector Sleeve	
1850160C3	12	12	Roller Tappet	
1809570C5	12	12	Roller Tappet	

MAXXFORCE® DT / 9 / 10 MY 2007-2009 >3000000 ESN

IN-FRAME KITS

Part #	DT	9/10	Description	Comment
1889238C98	1		In-Frame Kit (1876100C94)	
1890334C95	1		In-Frame Kit (1885077C93)	
1889239C99	1		In-Frame Kit (1876101C94)	
7081279C91		1	In-Frame Kit (1876102C93)	
1889280C97		1	In-Frame Kit (1876102C93)	

CYLINDER COMPONENTS

Part #	DT	9/10	Description	Comment
1876100C94	6		Cylinder Kit	2007-2008½ Low HP
1847682C2	6		Piston *	
1876098C91	6		Ring Set *	
1874253C1	6		Piston Pin *	
1818702C1	12		Pin Retainer *	
1875703C2	6		Cylinder Liner *	1888652C91 Liner Kit
1842115C1	6		Crevice Seal *	
1885077C93	6		Cylinder Kit	2008½-2009 Low HP
1883633C1	6		Piston *	
1876098C91	6		Ring Set *	
1874253C1	6		Piston Pin *	
1818702C1	12		Pin Retainer *	
1875703C2	6		Cylinder Liner *	1888652C91 Liner Kit
1842115C1	6		Crevice Seal *	
1876101C94	6		Cylinder Kit	2007-2009 High HP
1847683C2	6		Piston *	
1876099C91	6		Ring Set *	
1874253C1	6		Piston Pin *	
1818702C1	12		Pin Retainer *	
1875703C2	6		Cylinder Liner *	1888652C91 Liner Kit
1842115C1	6		Crevice Seal *	

MAXXFORCE® DT / 9 / 10 MY 2007-2009 >3000000 ESN

CYLINDER COMPONENTS (CONT.)

Part #	DT	9/10	Description	Comment
1893925C91	6		Cylinder Kit	2010 Low HP
1891377C1	6		Piston *	
1876098C91	6		Ring Set *	
1878102C1	6		Piston Pin *	
1878672C1	12		Pin Retainer *	
1886563C1	6		Cylinder Liner *	1888650C91 Liner Kit
M1842115C1	6		Crevice Seal *	
1889320C94	6		Cylinder Kit	2010 HighHP
1891008C1	6		Piston *	
7092838C91	6		Ring Set *	Old P/N 1876099C91
1878672C1	6		Piston Pin *	
1886563C1	12		Pin Retainer *	
1894283C2	6		Cylinder Liner *	7079597C92 Liner Kit
1842115C1	6		Crevice Seal *	
1876102C93		6	Cylinder Kit	2007-2009 1pc Steel
1847684C1		6	Piston *	
7092838C91		6	Ring Set *	
1874000C1		6	Piston Pin *	
1818702C1		12	Pin Retainer *	
1886563C1		6	Cylinder Liner *	1888650C91 Liner Kit
1842115C1		6	Crevice Seal *	
* Included in Cylinder Kit				



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MAXXFORCE® DT / 9 / 10 MY 2007-2009 >3000000 ESN

ENGINE BEARINGS

Part #	DT	9/10	Description	Comment
1842570C92	6	6	Connecting Rod Bearing STD	
1842900C92	6	6	Connecting Rod Bearing .010"	
1842901C92	6	6	Connecting Rod Bearing .020"	
1833381C91	6	6	Connecting Rod Bearing .030"	
1842566C92	6	6	Main Bearing STD	
1842567C92	1	1	Main Bearing STD	
1842889C92	6	6	Main Bearing .010"	
1842892C92	1	1	Main Bearing .010"	
1842890C92	6	6	Main Bearing .020"	
1842893C92	1	1	Main Bearing .020"	
1842891C92	6	6	Main Bearing .030"	
1842894C92	1	1	Main Bearing .030"	
675424C1	1	1	Cam Bearing Front	
1878209C3	2	2	Cam Bearing Intermediate	
1878209C3	2	2	Cam Bearing Intermediate	2008 & above
1842053C1	1	1	Cam Bearing Rear	
1872733C2	6	6	Connecting Rod Bushing	MY 2007-2008

GASKET SETS

Part #	DT	9/10	Description	Comment
1889247C96	1	1	Gasket Set - Cylinder Head	
1889248C92	1	1	Kit - Head Gasket & Head Bolts	*
1842624C92	6	6	Seal Kit - Injector Installation	*
1842626C95	1	1	Gasket Set - High Pressure Oil Rail	*
1842623C96	1	1	Gasket Set - Turbocharger Mounting	*
1842663C93	1	1	Gasket Set - Front Cover/Front Half	
1842662C91	1	1	Gasket Set - Front Cover/Rear Half	
1842124C91	1	1	Gasket Set - Oil Cooler Assembly	
1842126C91	1	1	Gasket Set - Oil Cooler Core	
1876265C94	1	1	Gasket Set - EGR Cooler	
1876111C91	1	1	Gasket Set - EGR Mixer	
1836197C1	1	1	Oil Pan Gasket	

* Included in Cylinder Head Set

MAXXFORCE® DT / 9 / 10 MY 2007-2009 >3000000 ESN

CRANKSHAFT SEALS

Part #	DT	9/10	Description	Comment
1833095C93	1		Front Seal Kit	
1833096C94		1	Front Seal Kit	
1841938C1	1	1	Rear Seal Kit	

THERMOSTAT

Part #	DT	9/10	Description	Comment
1842130C93	1	1	Thermostat Kit 190°	
1841771C1	1	1	Seal Ring	

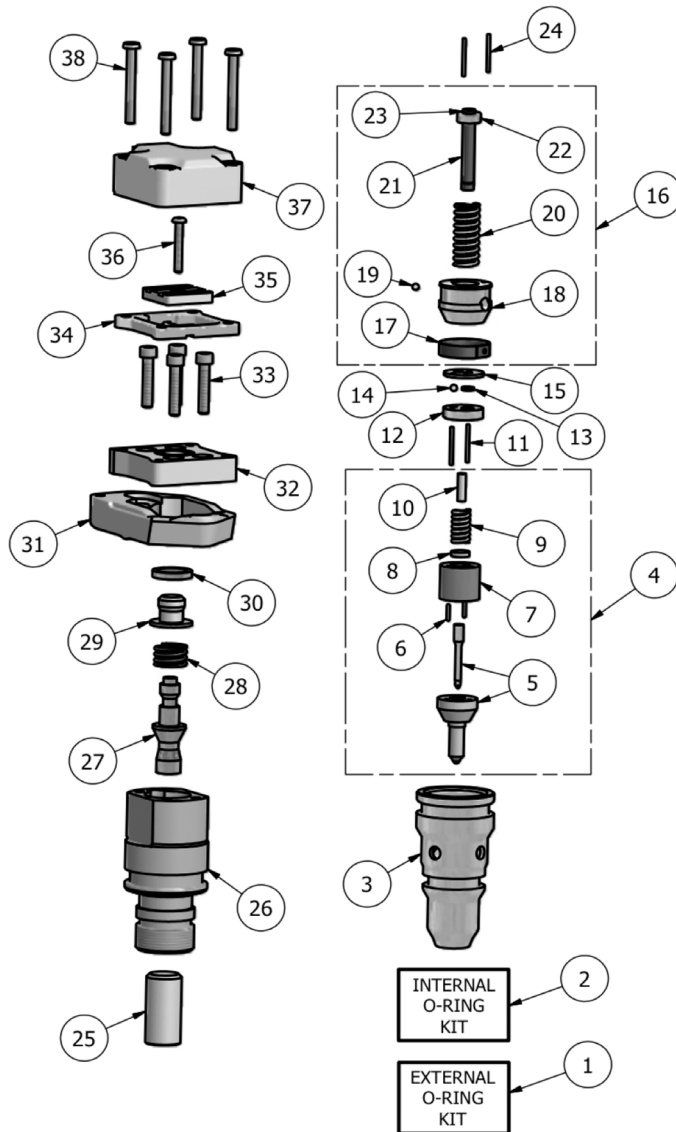
WATER PUMP

Part #	DT	9/10	Description	Comment
1842665C93	1	1	Water Pump	
1841348C1	1	1	Seal Ring	

CYLINDER HEAD PARTS

Part #	DT	9/10	Description	Comment
1839968C1	12	12	Intake Valve	
1842137C1	12	12	Intake Seat	STD
1839970C1	12	12	Exhaust Valve	New P/N 1842145C2
1842138C1	12	12	Exhaust Seat	STD
1841566C1	48	48	Valve Lock	
1850019C1	24	24	Valve Guide	
1842146C1	24	24	Valve Spring	
1835655C1	24	24	Rotator	
1833432C1	24	24	Valve Stem Seal	New P/N 1888958C1
1841095C1	6	6	Injector Sleeve	
1850160C3	12	12	Roller Tappet	

HEUI® INEJCTORS



Item	Part Number	Description	Qty. Required
1	P028960	External O-Ring Kit	1
2	See Application Chart on Next Page	Internal O-Ring Kit	1
3	8991079	Nut	1
4	See Application Chart on Next Page	Nozzle Group	1
5	See Application Chart on Next Page	Nozzle Assembly	1
6	8991002	Dowel	2
7	8991029	Spacer Sleeve	1
8	8991028	Lift Spacer	1
9	8991027	Nozzle Spring	1
9	8991106	Nozzle Spring	1
10	8991026	Stop Pin	1
11	8991001	Dowel	2
12	8991080	Stop Pin	1
13	8991081	Check Plate	1
14	8991082	Check Ball	1
15	8991083	Stop Plate	1
16	See Application Chart on Next Page	Plunger and Barrel Group	1
17	REF	Retaining Spring	1
18	REF	Barrel	1
19	REF	Check Ball	1
20	REF	Spring	1
21	REF	Plunger	1
22	REF	Retaining Washer	1
23	REF	Retaining Ring	1
24	8991001	Dowel	2
25	See Application Chart on Next Page	Intensifier Piston	1
26	8991091	Piston & Valve Body	1
27	8991092	Poppet Valve	1
28	8991093	Poppet Spring	1
29	8991094	Sleeve	1
30	8991095	Poppet Shim	1
31	8991096	Clamp	1
32	8991097	Adapter	1
33	8991099	Assembly Screw	4
34	8991100	Solenoid Spacer	1
35	8991101	Armature	1
36	8991102	Adjusting Screw	1
37	8991103	Solenoid Spacer	1
38	8991003	Solenoid Screw	4

HEUI® INEJCTORS APPLICATION CHART

Reference diagram on page 33

Item	Part Number	Description	Qty. Required
#2	P016451	Internal O-Ring Kits	1
	P028961	Internal O-Ring Kits	1
#4	8991135	Nozzle Group	1
	8991136	Nozzle Group	1
	8991137	Nozzle Group	1
	8991145	Nozzle Group	1
	8991146	Nozzle Group	1
	8991155	Nozzle Group	1
	8991156	Nozzle Group	1
	8991165	Nozzle Group	1
	8991166	Nozzle Group	1
	8991175	Nozzle Group	1
#5	8991035	Nozzle Assembly	1
	8991036	Nozzle Assembly	1
	8991037	Nozzle Assembly	1
	8991045	Nozzle Assembly	1
	8991046	Nozzle Assembly	1
	8991055	Nozzle Assembly	1
	8991056	Nozzle Assembly	1
	8991065	Nozzle Assembly	1
	8991066	Nozzle Assembly	1
	8991075	Nozzle Assembly	1
#18	8996000	Plunger and Barrel Group	1
	8996001	Plunger and Barrel Group	1
	8996060	Plunger and Barrel Group	1
	8996061	Plunger and Barrel Group	1
	8997100	Plunger and Barrel Group	1
	8997160	Plunger and Barrel Group	1
#26	8991110	Intensifier Piston	1
	8991111	Intensifier Piston	1
	8991112	Intensifier Piston	1
	8991113	Intensifier Piston	1
	8991114	Intensifier Piston	1
	8991115	Intensifier Piston	1
	8991117	Intensifier Piston	1
	8991118	Intensifier Piston	1

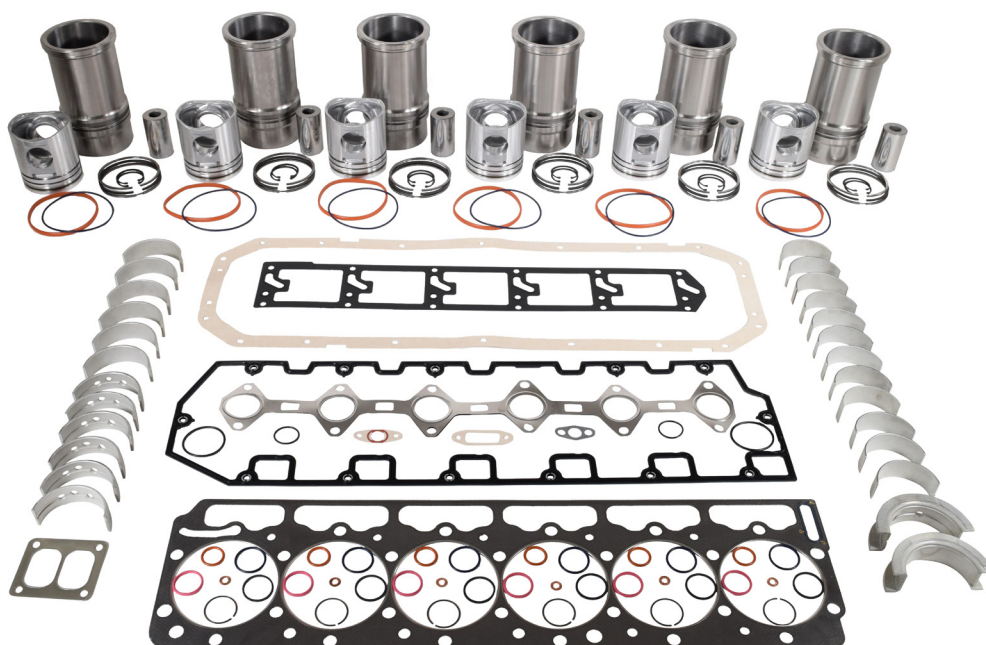
Always verify ESN for proper fitment.

All manufacturer's names, symbols and descriptions are used for reference only and it is not implied that any part is the product of these manufacturers.

NAVISTAR® DT466E/I530E

INJECTORS AND ENGINE KITS

Part #	DT	9/10
DT466E	7083124C91	2593588C91-BA
DT466E	1830566C98	2593592C91-BE
		2593596C91-BG
DT530/HT530	1876205C98	2593595C91-BI
DT466E	1833446C97	2593597C91-BN
I530E	1836012C99	2593591C91-BD
		2593593C91-BF
		2593596C91-BJ
DT466E	1841391C94	2593590C91-BC
		2593592C91-BE
		2593596C91-BG
DT530/HT530	1894140C92	2593591C91-BD
		2593593C91-BF
		2593596C91-BJ
DT466E	1841391C94	2593589C91-BB
		2593590C91-BC
		2593592C91-BE
DT530/HT530	1894140C92	2593597C91-BN
DT530/HT530	1894140C92	2593597C91-BN



HEUI® INEJCTORS APPLICATION CHART

BODY GROUP	MODEL YEAR	ENGINE	NAVISTAR INJECTOR	INTERSTATE-MCBEE REMAN P/N	P&B GROUP TYPE PLUNGER OD	NOZZLE P/N ORIFICES	NOZZLE GROUP	SEAL KITS: INTERNAL EXTERNAL	INTENSIFIER PISTON OD LENGTH
AA	94-96 94-98	Navistar T444E Up to Engine S/N 460194	1822800C95 (3) 1816187C3 (4) 1822801C98 (1) 1822801C99 (1) 1821836C3 (2)		8996000 Standard 6.0mm	8991037 7 holes 2675 +/- 125	8991137	P016451 P028960	8991117 16mm 32.2mm
AB	97-99 99	Navistar T444E Engine S/N 460195 to 843989	1824582C94 1822803C1 1824583C97 1825125C1		8996060 Prime 6.0 mm	8991037 7 holes 2675 +/- 125	8991137	P016451 P028960	8991114 16mm 29.7mm
AC	94-96	Navistar T444E (High Output), 210HP (High Torque) & 230HP	1824455C94 1822890C1 1824456C96 1824472C1		8996001 Standard 6.0mm	8991037 7 holes 2675 +/- 125	8991137	P016451 P028960	8991115 16mm 29.7mm
AD	99-02 99-03	Navistar T444E Engine S/N 843990 & Up	1831551C1 1831550C1 1831487C92 1831487C93 1831489C1		8996061 Prime 6.0mm	8991037 7 holes 2675 +/- 125	8991137	P016451 P028960	8991111 16mm 29.1mm
AE	99-02 02-03	Navistar T444E	1833639C1 1833640C1 1833646C92		8996061 Prime 6.0mm	8991037 7 holes 2675 +/-125	8991137	P016451 P028960	8991110 16mm 29.1mm
BA	95-97	Navistar DT466E, 230HP (High Torque) & 250HP up to S/N 1084867	2593588C91 1823736C94 1819834C1 1824928C94 1824917C2	2593588C91-BA	8996001 Standard 6.0mm	8991055 5 holes	8991155	P016451 P028960	8991115 16mm 29.7mm
BB	95-97	Navistar DT466E, 175 & 190HP up to S/N 1028710	2593589C91 1824742C91 1824739C1 1824929C94 1824918C2	2593589C91-BB	8996001 Standard 6.0mm	8991045 5 holes	8991145	P016451 P028960	8991115 16mm 29.7mm
BC	95-97	Navistar DT466E, 195, 210 & 230HP up to S/N 1028710	2593590C91 1824743C91 1824740C1 1824930C94 1824919C2	2593590C91-BC	8996001 Standard 6.0mm	8991035 5 holes	8991135	P016451 P028960	8991115 16mm 29.7mm
BD	95-97	Navistar I530E, 250, 275 & 300HP up to S/N 1084028	2593591C91 1824744C94 1824741C2 1824931C94 1824920C2	2593591C91-BD	8997100 Standard 7.1mm	8991065 5 holes	8991165	P028961 P028960	8991113 17.5mm 29.3mm
BE	97-99	Navistar DT466E, 175 to 210 & 230HP Engine S/N 1028711 to 1194038	2593592C91 1829838C94 1829926C2 1829839C93 1829839C94 1829837C2	2593592C91-BE	8996060 Prime 6.0mm	8991035 5 holes	8991135	P016451 P028960	8991112 16mm 29.1mm
BF	98-99	Navistar I530E, 250 to 320HP Engine S/N 1084029 to 1134350	2593593C91 1830145C92 1830147C2 1830146C92 1830146C93 1830148C2	2593593C91-BF	8997160 Prime 7.1mm	8991075 5 holes	8991175	P028961 P028960	8991118 17.5mm 26.7mm
BG	97-99	Navistar DT466E, 250HP S/N 1084868 to 1125227	2593596C91 1830155C91 1830157C1 1830156C91 1830573C2	2593596C91-BG	8997160 Prime 7.1mm	8991036 6 holes	8991136	P028961 P028960	8991118 17.5mm 26.7mm

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