

ENGINE OVERHAUL KITS

ENGINE OVERHAUL KITS

QUALITY PARTS WHEN YOU NEED THEM



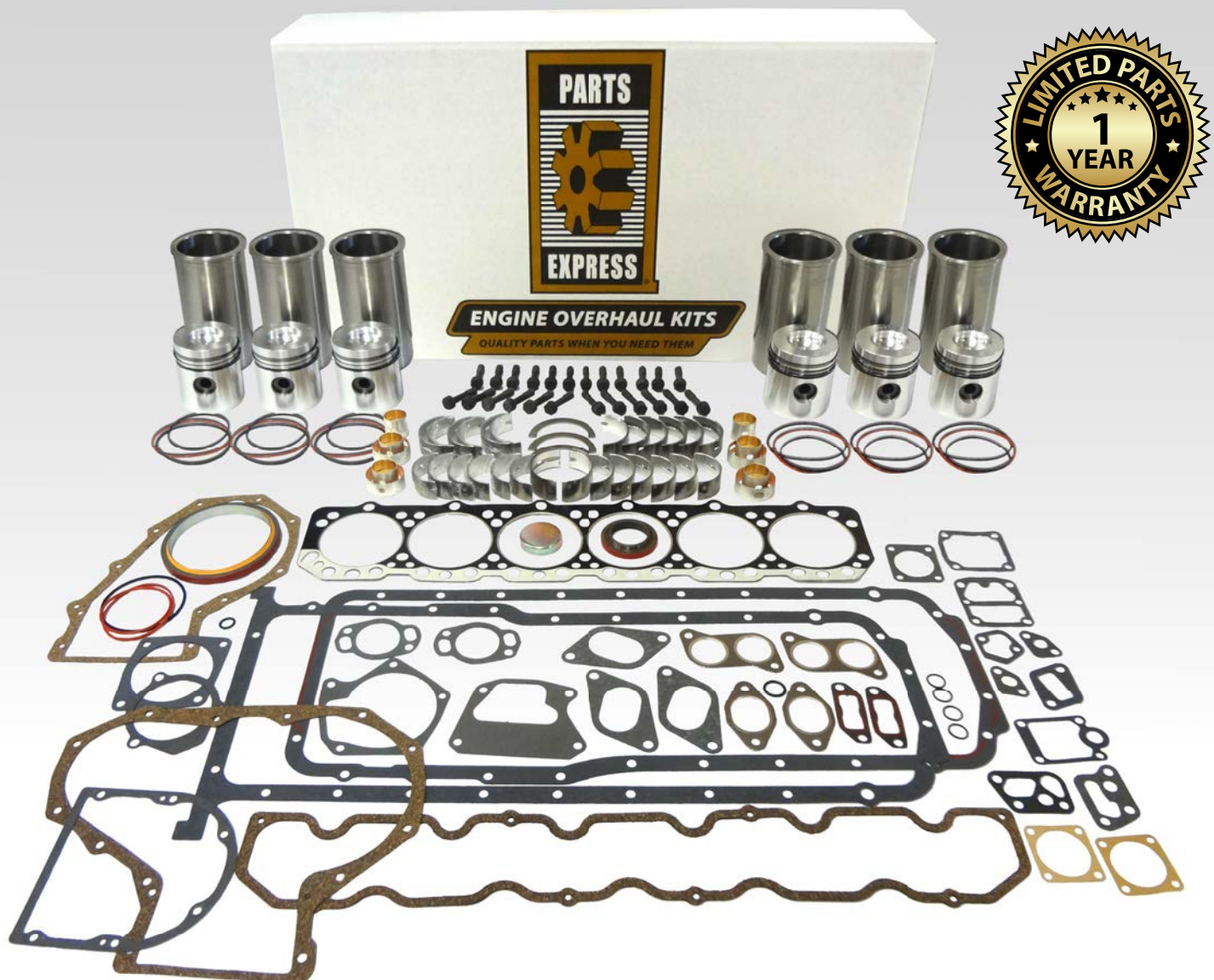
1-800-247-1237



www.parts-exp.com

Parts Express Overhaul Kit Shipping and Warranty

- Engine Overhaul Kits qualify for our Free Freight Program.
- All overhaul kits are shipped complete in one box. The heavier six cylinder overhaul kits are placed in a protective sleeve to help protect against shipping damage.
- All overhaul kits will be shipped out of our Sioux Falls, SD location. Parts Express reserves the right to choose how the kits will be shipped.
- Parts Express offers a **ONE YEAR** limited parts warranty on all overhaul kits.



*The use of the original equipment manufacturer's (OEM) part numbers or trademarks, e.g. Case® and John Deere® are for reference purpose only and for indicating product use and compatibility. Our company and the listed replacement parts contained herein are not sponsored, approved or manufactured by the OEM.

Engine Index

Cummins

Engine	Page #
4B3.9L	2
4BT3.9L	2
6B5.9L	3
6BT5.9L	3
6CT8.3L	4

International/Case IH

DT414	5
DT436	5
DT466	5

John Deere

3-152D	6
3-164D	6
3-179D	6
3029D Powertech	6
3029T Powertech	6
4-202D	7
4-219D/T	7
4-239D	7
4-239T/A	8
4039D	8
4039T/A	8
4-270D	8
4-270D Hyper	9
4-276D	9
4-276T	9
4045D Liter Designated	9
4045T Liter Designated	10
4045D Powertech	10
4045T Powertech	10
4045T/H Powertech	11
6-329D/T	11
6-359D, 6059D	11
6-359T/A	12
6059T	12
6-404D	12

John Deere continued

Engine	Page #
6-404D Hyper	13
6-404T/A	13
6-404T/A Hyper	13
6-414T	14
6068T Liter Designated	14
6068D Powertech	14
6068T Powertech	14
6068T/H Powertech	15
6-466D	15
6-466T/A	16
6-466T/A Hyper	16
6076T/A	17
6076T/A Hyper	17
6081T/A/H Powertech	18
6081T/A/H Powertech Hyper	19
6-619T/A, 6101A/H	19

CNH/Iveco/NEF

N45 Naturally Aspirated	20
N45 Turbocharged	21
N67 Turbocharged	21

Shibaura

N843 Naturally Aspirated	22
N844 Naturally Aspirated	22
N844T Turbocharged	22

Head Bolt Kits

International/Case IH

See Pages 23

John Deere

See Pages 23, 24

Parts Express also carries a large selection of camshafts, lifters, water pumps and dampers. You can see our full inventory at www.parts-exp.com.

Cummins®

Engine Overhaul Kits

4B3.9L

Applications	Kit Number	Features
Tractor: 60 American (White) Windrower: 6000, 6500, 8820, 8830 (Case-IH) Industrial: 450C, 455C, 480E, 480ELL, 480F, 480FLL, 550, 550E, 580SE, 580K, 580SK, W11B (Case) Skid Steer / Loader: 1840, 1845C (Case)	Major: WN-PRK73342183 Inframe: WN-PRK73342175	4B 3.9L; 4.0165" Bore; Piston Marked 6208, 6209, 6221, 6223; Non-Emission Certified; Machined Split Rods; CPL: 591, 681, 721, 725, 843, 895, 981, 1172, 1259, 1312, 1522, 1932; Does not include connecting rod bolts

4BT3.9L

Tractor: 5120, 5220 (Case-IH); 276V (Versatile Bidirectional) Industrial: 9010B, 9020, 9020B (Case)	Major: WN-PRK73342184 Inframe: WN-PRK73342176	4BTA 3.9L; 4.0165" Bore; Piston Marked 7156, 7157, 7158; Non-Emission Certified; Machined Split Rods; CPL: 594, 595, 696, 710, 741, 793, 826, 937, 1173, 1278, 1520, 2377; Does not include connecting rod bolts
Tractor: 5120, 5220 (Case-IH); 80 American (White) Windrower: 8840 (Case-IH) Industrial: 450C, 455C, 550, 550E, 550G, 570LXT, 580SE, 580K, 580SK, 580L, 580SL, 590 Turbo CK, 590SL, 650, 650G, 688, 9010, W11B (Case) Skid Steer / Loader: 90XT, 95XT (Case)	Major: WN-PRK73342185 Inframe: WN-PRK73342177	4BT 3.9L; 4.0165" Bore; Piston Marked 7163, 8815, 8816; Non-Emission Certified; Machined Split Rods; CPL: 690, 727, 730, 762, 763, 817, 857, 858, 971, 1201, 1202, 1268, 1277, 1287, 1508, 1509, 1659, 2021, 2272, 2273, 2414; Does not include connecting rod bolts
Tractor: 8745, 8765 (AGCO/Allis); 6410, 6510 (White) Industrial: 570LXT Series 2, 580L Series 2, 590SL Series 2, 650G, 9010B, 9020B (Case); Windrower: 8860, 8860HP, 8870 (Case-IH) Skid Steer / Loader: 90XT, 95XT (Case)	Major: WN-PRK73342186 Inframe: WN-PRK73342178	4BT / 4BTA 3.9L; 4.0165" Bore; Piston Marked 8673, 8674, 8675; In-Line Pump; Emission Certified; Machined Split Rods; CPL: 1965, 1966, 1967, 2109, 2144, 2302, 2351, 2359, 2396, 2478, 2623, 8442; Does not include connecting rod bolts

Cummins®

Engine Overhaul Kits

6B5.9L

Applications	Kit Number	Features
Tractor: 5130, 5230 (Case-IH); 100 (White) Industrial: 680K, 680L, 850D, 850E, 855D, 855E, W14B, W14C (Case)	Major: WN-PRK73342199 Inframe: WN-PRK73342191	6B 5.9L; 4.0165" Bore; Piston Marked 6208, 6209, 6221, 6223; Non-Emission Certified; Machined Split Rods; CPL: 596, 691, 714, 791, 802, 845, 960, 999, 1320, 1403, 1433; Does not include connecting rod bolts

6BT5.9L

Tractor: 2096 (Case-IH); 140, 145, 6144, 6145 (White) Combine: 1640, 1644 (Case-IH); 8560 (Massey Ferguson) Cotton Picker: 1822, 2022 (Case-IH)	Major: WN-PRK73342200 Inframe: WN-PRK73342192	6BTA 5.9L; 4.0165" Bore; Piston Marked 7156 7157, 7158; Non-Emission Certified; Machined Split Rods; CPL: 599, 600, 698, 713, 715, 742, 792, 834, 912, 940, 961, 962, 983, 998, 1174, 1209, 1518, 1523, 1581, 2050, 2530, 2891; Does not include connecting rod bolts
Tractor: 1896, 5140, 5240, 5250 (Case-IH); 120, 125, 6124, 6125 (White) Industrial: 621, 621B, 680L, 780C, 780D, 850D, 850E, 850G, 855D, 855E, 880D, 888, 1085B, 1085C, 1086B, 1088, 1150E, 1150G, 1155E, 9030, 9030B, W14B, W14C (Case) Windrower: 8850 (Case-IH) Trucks: 1989-1991 Dodge Pickups (CPL 804)	Major: WN-PRK73342201 Inframe: WN-PRK73342193	6BT 5.9L; 4.0165" Bore; Piston Marked 7163, 8815, 8816; Non-Emission Certified; Machined Split Rods; CPL: 597, 692, 712, 716, 729, 761, 804, 807, 856, 938, 943, 947, 948, 949, 950, 994, 1160, 1163, 1168, 1189, 1207, 1245, 1246, 1266, 1279, 1288, 1289, 1440, 1554, 1601, 2049, 2413; Does not include connecting rod bolts
Tractor: 8775, 8785 (AGCO/Allis); RT95, RT115, RT130 (AGCO); MX100, MX110, MX120, MX135, MX150, MX170 (Case-IH); 6710, 6810, 8310 (White) Industrial: 621B, 621C, 850G, 1150G, 9030B (Case) Windrower: 8850, 8880 (Case-IH) Sprayer: Patriot 3150, SPX3150, SPX3185 (Case-IH)	Major: WN-PRK73342202 Inframe: WN-PRK73342194	6BT / 6BTA 5.9L; 4.0165" Bore; Piston Marked 8673, 8674, 8675; In-Line Pump; Emission Certified; Machined Split Rods; CPL: 1902, 1948, 1961, 1962, 2014, 2015, 2016, 2071, 2122, 2125, 2292, 2296, 2372, 2373, 2417, 8444; Does not include connecting rod bolts

Cummins®

Engine Overhaul Kits

6CT8.3L

Applications	Kit Number	Features
Tractor: 7110, 7120, 7130, 9110, 9210 (Case-IH); 160, 170, 6175 (White) Combine: R42, R52 (Allis/Gleaner); 1660 (Case-IH); 2500 (White) Industrial: 721, 821, 1150E, 1155E, 1550 (Case)	Major: WN-PRK1083 Inframe: WN-PRK1071	6CT 8.3L; Thru Dec. 1990; ESN Thru 44706125; 4.488" Bore; 5.235" Liner Flange Diameter; Piston Marked 3163, 8749, 9564, 9928; Block Marked 3802265; CPL: 602, 603, 753, 819, 828, 829, 942, 955, 985, 1248, 1274, 1275, 1281, 1356, 1464, 1603, 1616; Does not include connecting rod bolts or nuts
Tractor: 7140, 7150, 9130, 9230, 9240 (Case-IH); 185, 195, 6195 (White) Combine: R62 (Allis/Gleaner); 1670, 1680 (Case-IH); 8570 (Massey Ferguson); 2600 (White) Cotton Picker: 1844, 2044 (Case-IH) Industrial: W36 (Case)	Major: WN-PRK1084 Inframe: WN-PRK1072	6CTA 8.3L; Thru Dec. 1990; ESN Thru 44706125; 4.488" Bore; 5.235" Liner Flange Diameter; Piston Marked 3164, 4368, 8750, 9565, 9930; Block Marked 3802265; CPL: 604, 605, 754, 755, 830, 831, 890, 892, 893, 959, 982, 984, 1212, 1222, 1269, 1270, 1273, 1321, 1377, 1419, 1539, 1547, 1604, 1612, 1633, 1639, 1804, 1826, 2380; Does not include connecting rod bolts or nuts
Tractor: 7110, 7120, 7130, 7210, 7220, 7230, 9210, 9310 (Case-IH); 6175 (White) Combine: R42, R52 (Allis/Gleaner); 1660, 1666, 2166 (Case-IH) Industrial: 721, 721B, 821, 821B, 1150E, 1155E, 9040, 9040B (Case)	Major: WN-PRK1085 Inframe: WN-PRK1073	6CT 8.3L; Jan. 1991 -> Dec. 1997; ESN 44706126-45636465; 4.488" Bore; Non-Emission Certified; 5.155" Liner Flange Diameter; Piston Marked 3163, 8749, 9564, 9928; Block Marked 3928962; CPL: 602, 603, 753, 819, 828, 829, 942, 955, 985, 1248, 1274, 1275, 1281, 1356, 1464, 1603, 1616; Does not include connecting rod bolts or nuts
Tractor: 7140, 7150, 7240, 7250, 9230, 9240, 9330 (Case-IH); 195, 6195, 6215 (White) Combine: R62 (Allis/Gleaner); 1670, 1680, 1688, 2188 (Case-IH); 8570 (Massey Ferguson); 2600 (White) Cotton Picker: 2044, 2055, 2155 (Case-IH)	Major: WN-PRK1086 Inframe: WN-PRK1074	6CTA 8.3L; Jan. 1991 -> Dec. 1997; ESN 44706126-45636465; 4.488" Bore; Non-Emission Certified; 5.155" Liner Flange Diameter; Piston Marked 3164, 8750, 9565, 9930; Block Marked 3928962; CPL: 604, 605, 754, 755, 830, 831, 890, 892, 893, 959, 982, 984, 1212, 1222, 1269, 1270, 1273, 1321, 1377, 1419, 1539, 1547, 1604, 1612, 1633, 1639, 1804, 1826, 2380; Does not include connecting rod bolts or nuts
Tractor: 7220, 7230, 7240, 7250, 8910, 8920, 8930, 8940, 8950, 9310, 9330, MX180, MX200, MX220 (Case-IH) Combine: 2166, 2188, 2366, 2388 (Case-IH); 8570 (Massey Ferguson) Cotton Picker: 2155, 2555 (Case-IH) Industrial: 721B, 821B, 9040B, 9045B (Case)	Major: WN-PRK1182 Inframe: WN-PRK1183	6CT / 6CTA / 6CTAA 8.3L; Thru Dec. 1997; ESN 44706126-45636465; 4.488" Bore; Emission Certified; 5.155" Liner Flange Diameter; Long Liner 9.330" (Excluding Fire Dam); Piston Marked 9161; Block Marked 3928962; CPL: 1845, 1846, 1943, 2007, 2054, 2055, 2056, 2057, 2060, 2061, 2062, 2082, 2118, 2120, 2185, 2216, 2217, 2218, 2219, 2250, 2549, 2556, 2642, 2833, 2873, 2874, 2894, 2951, 3332, 8000, 8222, 8289, 8290, 8388, 8509, 8759; Does not include connecting rod bolts or nuts
Tractor: 7220, 7230, 7240, 7250, 8910, 8920, 8930, 8940, 8950, MX180, MX200, MX220 (Case-IH); 9775, 9785 (AGCO/Allis); 8510, 8610, 8710, 8810 (White) Combine: R62 (Allis/Gleaner); 2366, 2388 (Case-IH) Cotton Picker: CPX420, 2555 (Case-IH) Industrial: 721B, 721C, 821B, 821C (Case) Sprayer: Patriot SPX4260 (Case-IH)	Major: WN-PRK1184 Inframe: WN-PRK1185	6CT / 6CTA / 6CTAA 8.3L; After Dec. 1997; ESN After 45636465; 4.488" Bore; Emission Certified; 5.155" Liner Flange Diameter; Short Liner 9.210" (Excluding Fire Dam); Piston Marked 9161; Block Marked 3938362; CPL: 1845, 1846, 1943, 2007, 2054, 2055, 2056, 2057, 2060, 2061, 2062, 2082, 2118, 2120, 2185, 2216, 2217, 2218, 2219, 2250, 2549, 2556, 2642, 2833, 2873, 2874, 2894, 2951, 3332, 8000, 8222, 8289, 8290, 8388, 8509, 8759; Does not include connecting rod bolts or nuts

International/Case IH[®]

Engine Overhaul Kits

DT414

Applications	Kit Number	Features
Tractor: 1066 Gear Drive, 1066 Hydro, 1086 Combine: 915	Major: WN-PRK865 Inframe: WN-PRK861	DT414; Narrow Gap Rings; 4.3005" Bore; 4.750" Stroke; Breather Located on Block

DT436

Tractor: 1466, 1486, 1566, 1586, 3388, 4166, 4186, 5088, 6388 Combine: 1460, 1480	Major: WN-PRK881 Inframe: WN-PRK877	DT436; Narrow Gap Rings; 4.3005" Bore; 5.004" Stroke; Breather Located on Block
---	--	--

DT466

Tractor: 3588, 3788, 4366, 4386, 5288, 5488, 6588, 6788 Combine: 1470, 1480 Industrial: TD15C, Dresser 540	Major: WN-PRK851 Inframe: WN-PRK849	DT466; ESN <-439617; 4.3005" Bore; 5.350" Stroke; Wide Gap Rings; Piston # 1817520C2; Narrow Bearing Width: 1.230" Mains, 1.200" Rods; Crankshaft Cast C1 or C2; Breather Located on Valve Cover
Tractor: 5488, 7288, 7488 Combine: 1480, 1660, 1680 Industrial: Dresser 540 Cotton Picker: 1844	Major: WN-PRK852 Inframe: WN-PRK850	DT466; ESN 439618->; 4.3005" Bore; 5.350" Stroke; Wide Gap Rings; Piston # 1817520C2; Wide Bearing Width: 1.294" Mains, 1.260" Rods; Crankshaft Cast C1 or C2; Breather Located on Valve Cover

John Deere®

Engine Overhaul Kits

3-152D

Applications

Tractor: JD300, 310, 510, 820, 920, 1020

Industrial: JD350

Sprayer: 600, 700, 734

Kit Number

Major:
WN-PRK281

Inframe:
WN-PRK278

Features

3-152D Early; 3.8583" Bore; ESN <-154765;
Block Marked T24963, T26935;
O-Rings on Liner; 7.720" OAL Liners

Tractor: JD300, JD301, 301A, 820, 830, 920, 1020

Industrial: 300B, JD350, JD350B, 350C

Skid Steer / Loader: JD24

Sprayer: 600, 700, 734

Major:
WN-PRK261

Inframe:
WN-PRK168

3-152D Late; 3.8583" Bore; ESN 154766->;
Block Marked T32339, R53240, R55100, R72967;
O-Ring Grooves in Block; 7.720" OAL Liners

3-164D

Tractor: 301A, 302, 830, 930, 1030, 1130, 1020, 1120, 1530, 2040

Industrial: 300B, 302A, JD310

Major:
WN-PRK205

Inframe:
WN-PRK174

3-164D Late; 4.0157" Bore; ESN 179602->;
1.375" Piston Pin; O-Ring Grooves in Block

3-179D

Tractor: 940, 1040, 1140, 1550, 1630, 1750, 1850, 1850N, 2040, 2150, 2155, 2240, 2255

Industrial: 350D, 355D

Major:
WN-PRK241

Inframe:
WN-PRK235

3-179D; 4.1929" Bore; High Ring Piston;
.375" Valve Stem Diameter;
1.375" Piston Pin, 7.720" OAL Liners

3029D Powertech

Tractor: 3110, 5200, 5300, 5300N

Skid Steer / Loader: 240

Major:
WN-PRK1198

Inframe:
WN-PRK1196

3029D Powertech; 4.1929" Bore; Piston Code 4809;
Piston Marked RE61467;
Connecting Rod Marked R121092, R501072;
32mm Piston Pin

3029T Powertech

Tractor: 5400, 5400N

Skid Steer / Loader: 8875

Major:
WN-PRK1199

Inframe:
WN-PRK1197

3029T Powertech; 4.1929" Bore; Piston Code 4808;
Piston Marked RE40557, RE61270;
Connecting Rod Marked R105011, R501073;
41mm Piston Pin

John Deere®

Engine Overhaul Kits

4-202D

Applications

Kit Number

Features

Tractor: JD400, 2020, 2510
Industrial: JD450
Windrower: 880

Major:
WN-PRK282
 Inframe:
WN-PRK279

4-202D Early; 3.8583" Bore; ESN <-158257;
 Block Marked T23406, T24961, T26933;
 O-Rings on Liner; 7.720" OAL Liners

Tractor: JD400, JD401, 2020, 2510
Industrial: JD450
Windrower: 880

Major:
WN-PRK262
 Inframe:
WN-PRK169

4-202D Late; 3.8583" Bore; ESN 158258->;
 Block Marked T32342, R53250, R55034, R72973;
 O-Ring Grooves in Block; 7.720" OAL Liners

4-219D/T

Tractor: 2120, 2520

Major:
WN-PRK293
 Inframe:
WN-PRK290

4-219D/T Early; 4.0157" Bore; ESN <-275483;
 Block Marked T26933; O-Rings on Liner;
 7.720" OAL Liners

Tractor: 2120, 2520, 2030
Combine: 3300, 4400
Industrial: 410, JD450B
Windrower: 2270

Major:
WN-PRK203
 Inframe:
WN-PRK172

4-219D/T Early; 4.0157" Bore; ESN <-275483;
 Block Marked T32342, R53250, R55011, R72972;
 1.1875" Piston Pin; O-Ring Grooves in Block

Tractor: 401B, 1830, 2030, 2120, 2440
Combine: 3300, 4400
Industrial: 310A, 310B, 401C, 401D, 410,
 410B, JD450B, 450C, 450D, 455D
Cotton Picker: 499
Sprayer: 6000
Windrower: 2270, 2280, 2420

Major:
WN-PRK206
 Inframe:
WN-PRK175

4-219D/T Late; 4.0157" Bore; ESN 275484->;
 1.375" Piston Pin; O-Ring Grooves in Block

4-239D

Tractor: 1640, 1840, 2040, 2040S, 2130,
 2130, 2350, 2355, 2550, 2555CS
Industrial: 70, 70D, 210C, 290D, 310C,
 315C, 400G, 415B
Sprayer: 6000
Windrower: 2360, 3430

Major:
WN-PRK242
 Inframe:
WN-PRK236

4-239D; 4.1929" Bore; High Ring Piston;
 .375" Valve Stem Diameter; 1.375" Piston Pin;
 7.720" OAL Liners

John Deere®

Engine Overhaul Kits

4-239T/A

Applications

Tractor: 2140, 2555, 2650, 2650N, 2750, 2755, 2850, 2855N
Industrial: 310C, 315C, 490, 515B
Windrower: 3830

Kit Number

Major:
WN-PRK245
 Inframe:
WN-PRK239

Features

4-239T/A; 4.1929" Bore; High Ring Piston;
 .375" Valve Stem Diameter;
 1.625" Piston Pin; 7.720" OAL Liners

4039D

Industrial: 70D, 190E, 210C, 290D, 310C, 315C, 300D, 310D, 315D, 400G
Sprayer: 6000
Windrower: 3430

Major:
WN-PRK654
 Inframe:
WN-PRK662

4039D; 4.1929" Bore; All ESN; High Ring Piston;
 .312" Valve Stem Diameter; 1.375" Piston Pin;
 7.720" OAL Liners

4039T/A

Industrial: 310C, 310D, 315C, 315D
Sprayer: 6100, 6500, 6600
Windrower: 3830

Major:
WN-PRK655
 Inframe:
WN-PRK645

4039T/A; 4.1929" Bore; All ESN;
 .312" Valve Stem Diameter; 1.625" Piston Pin;
 7.720" OAL Liners; Not for Tractor Applications

4-270D

Tractor: JD500, 3010, 3020
Industrial: JD500A

Major:
WN-PRK297
 Inframe:
WN-PRK295

4-270D Early; 4.250" Bore; ESN <-280000;
 Original Block Marked R32020, R40850;
 Has Weep Holes

Tractor: JD500, 3010, 3020
Industrial: JD500A

Major:
WN-PRK631
 Inframe:
WN-PRK630

4-270D Early; 4.250" Bore; ESN <-280000;
 Replacement Block Marked
 R40910, R46350, R46430

Tractor: 3020
Industrial: JD500A, JD500B, 500C, 510

Major:
WN-PRK298
 Inframe:
WN-PRK296

4-270D Late; 4.250" Bore; ESN 280001->;
 Block Marked R40700, R47520, R48430,
 R50610, R72127

John Deere®

Engine Overhaul Kits

4-270D Hyper

Tractor: JD500, 3010, 3020
Industrial: JD500A

Major:
WN-PRK729

Inframe:
WN-PRK954412

Hyperformance: 4-270D Early; 4.250" Bore;
ESN <-280000;
Original Block Marked R32020, R40850;
Has Weep Holes

Tractor: 3020
Industrial: JD500A, JD500B, 500C, 510

Major:
WN-PRK730

Inframe:
WN-PRK954415

Hyperformance: 4-270D Late; 4.250" Bore;
ESN 280001->;
Block Marked R40700, R47520, R48430,
R50610, R72127

4-276D

Tractor: 2630, 2640

Major:
WN-PRK208

Inframe:
WN-PRK177

4-276D Small Pin; 4.1929" Bore;
.375" Valve Stem Diameter; 1.375" Piston Pin;
8.580" OAL Liners

4-276T

Industrial: 410C, 444E, 450E, 450G, 455E,
455G, 495D, 510B, 510C, JD550, 550A,
550B, 550G, JD555, 555A, 555B, 555G,
590D, 595, 595D, 610B, 610C, 650G

Major:
WN-PRK210

Inframe:
WN-PRK179

4-276T; 4.1929" Bore; .375" Valve Stem Diameter;
1.625" Piston Pin; 8.580" OAL Liner

4045D Liter Designated

Industrial: 344E, 410C, 410D, 450G,
455G, 490D

Major:
WN-PRK658

Inframe:
WN-PRK648

4045D; Liter Designated (Non-Powertech);
4.1929" Bore; Piston Marked RE28919;
.312" Valve Stem Diameter; 1.625" Piston Pin;
8.580" OAL Liners

John Deere®

Engine Overhaul Kits

4045T Liter Designated

Applications	Kit Number	Features
Industrial: 344G, 410C, 410D, 444E, 444G, 450G, 455G, 490E, 495D, 510C, 510D, 550G, 555G, 590D, 595D, 650G	Major: WN-PRK659 Inframe: WN-PRK649	4045T; Liter Designated (Non-Powertech); 4.1929" Bore; Piston Marked RE48469; .312" Valve Stem Diameter; 1.625" Piston Pin; 8.580" OAL Liners; Not For Use With Tractors
Tractor: 6400, 6400L, 6500, 6500L	Major: WN-PRK956241 Inframe: WN-PRK954241	4045T; Liter Designated (Non-Powertech); 4.1929" Bore; Piston Marked RE48469; .312" Valve Stem Diameter; 1.625" Piston Pin; 8.580" OAL Liners; For 6400, 6400L, 6500, 6500L Tractors Only

4045D Powertech

Tractor: 5410, 5415, 5415N, 5420, 5420N, 5615 Industrial: 210LE, 310E, 310G, 324H, 344H, 450H, 450J Skid Steer / Loader: 270, 280	Major: WN-PRK810 Inframe: WN-PRK796	4045D Powertech; 4.1929" Bore; Piston Code 4801; Piston Marked RE59279, RE505101; Connecting Rod Marked R123959; 8 Valve Head; 1.375" Piston Pin
Tractor: 5410, 5415, 5415N, 5420, 5420N, 5615 Industrial: 210LE, 310E, 310G, 324H, 344H, 450H, 450J Skid Steer / Loader: 270, 280	Major: WN-PRK811 Inframe: WN-PRK797	4045D Powertech; 4.1929" Bore; Piston Code 4801; Piston Marked RE59279, RE505101; Fractured Connecting Rod Marked R500000; 8 Valve Head; 1.375" Piston Pin

4045T Powertech

Tractor: 5425, 5425N, 5510, 5510N, 5515, 5520, 5520N, 5525, 5525N, 5715 Industrial: 230LCRD, 210LE, 310E, 310G, 310SE, 310SG, 315SE, 315SG, 344H, 410E, 410G, 450H, 450J, 550H, 550J, 650H, 650J Sprayer: 6700 Windrower: 4890, 4895	Major: WN-PRK812 Inframe: WN-PRK798	4045T Powertech; 4.1929" Bore; Piston Code 4803, 4823; Piston Marked RE59277, RE505100, RE515372; Connecting Rod Marked R123959; 8 Valve Head; 1.375" Piston Pin
Tractor: 5425, 5425N, 5510, 5510N, 5515, 5520, 5520N, 5525, 5525N, 5715 Industrial: 210LE, 230LCRD, 310E, 310G, 310SE, 310SG, 315SE, 315SG, 344H, 410E, 410G, 450H, 450J, 550H, 550J, 650H, 650J Sprayer: 6700 Windrower: 4890, 4895	Major: WN-PRK813 Inframe: WN-PRK799	4045T Powertech; 4.1929" Bore; Piston Code 4803, 4823; Piston Marked RE59277, RE505100, RE515372; Fractured Connecting Rod Marked R500000; 8 Valve Head; 1.375" Piston Pin

John Deere®

Engine Overhaul Kits

4045T/H Powertech

Applications

Kit Number

Features

Tractor: 6110, 6110L, 6120, 6120L, 6210, 6210L, 6215, 6220, 6220L, 6310, 6310L, 6310S, 6320, 6320L, 6403, 6405, 6410, 6410L, 6410S, 6415, 6420, 6420L, 6420S, 6510L, 6510S, 6520L
Industrial: TC44H, 110, 120, 120C, 160LC, 160CLC, 444H, 444J, 450G, 550G, 555G, 650G

Major:
WN-PRK814
 Inframe:
WN-PRK800

4045T/H Powertech; 4.1929" Bore; Piston Code 4804, 4809, 4816, 4822; Piston Marked RE55512, RE505102, RE509540; Connecting Rod Marked R114081; High Horsepower; 8 Valve Head; 1.625" Piston Pin

Tractor: 6110, 6110L, 6120, 6120L, 6210, 6210L, 6215, 6220, 6220L, 6310, 6310L, 6310S, 6320, 6320L, 6403, 6405, 6410, 6410L, 6410S, 6415, 6420, 6420L, 6420S, 6510L, 6510S, 6520L
Industrial: TC44H, 110, 120, 120C, 160LC, 160CLC, 444H, 444J, 450G, 550G, 555G, 650G

Major:
WN-PRK815
 Inframe:
WN-PRK801

4045T/H Powertech; 4.1929" Bore; Piston Code 4804, 4809, 4816, 4822; Piston Marked RE55512, RE505102, RE509540; Fractured Connecting Rod Marked R500335; High Horsepower; 8 Valve Head; 1.625" Piston Pin

6-329D/T

Combine: 6600
Cotton Picker: 499, 699

Major:
WN-PRK294
 Inframe:
WN-PRK291

6-329D/T Early; 4.0157" Bore; ESN <-277548; Block Marked T24968; O-Rings on Liner; 7.720" OAL Liners

Tractor: 4030
Combine: 6600
Cotton Picker: 499, 699
Industrial: JD544A

Major:
WN-PRK204
 Inframe:
WN-PRK173

6-329D/T/A Early; 4.0157" Bore; ESN <-277548; Block Marked T32345, R53260, R55037, R72968; 1.1875" Piston Pin; O-Ring Grooves in Block

Tractor: 2840, 3030, 3130, 4030
Combine: 4400, 4420, 6600
Cotton Picker: 9900
Industrial: JD444, 444C, 444CH, 444D, JD544A, 710B

Major:
WN-PRK207
 Inframe:
WN-PRK176

6-329D/T Late; 4.0157" Bore; ESN 277549->; 1.375" Piston Pin; O-Ring Grooves in Block

6-359D, 6059D

Tractor: 2940, 2950, 2955, 3040, 3055, 3140, 3150, 3155, 3155TSS, 3255
Combine: 4420, 4425, 4435
Cotton Picker: 9900, 9910, 9920
Industrial: 444D

Major:
WN-PRK656
 Inframe:
WN-PRK646

6-359D, 6059D; 4.1929" Bore; High Ring Piston; 1.375" Piston Pin; 7.720" OAL Liners

John Deere®

Engine Overhaul Kits

6-359T/A

Applications

Tractor: 3255, 4050
Combine: 4435, 9400
Cotton Picker: 9920, 9930
Industrial: 444D, 544E, 544EH, 710B, 710C

Kit Number

Major:
WN-PRK246
 Inframe:
WN-PRK240

Features

6-359T/A; 4.1929" Bore; High Ring Piston;
 .375" Valve Stem Diameter;
 1.625" Piston Pin, 7.720" OAL Liners

6059T

Tractor: 7200
Industrial: 544E, 544EH, 544G, 544GH,
 710C, 710D, 710C, 710D
Cotton Picker: 9930

Major:
WN-PRK657
 Inframe:
WN-PRK647

6059T; 4.1929" Bore; All ESN;
 .312" Valve Stem Diameter; 1.625" Piston Pin;
 7.720" OAL Liners

6-404D

Tractor: JD600, 4010, 4020
Combine: 105

Major:
WN-PRK213
 Inframe:
WN-PRK182

6-404D Early; 4.250" Bore; ESN <-214999;
 Original Block Marked R33180, R34340,
 R40890, R40900

Tractor: JD600, 4010, 4020
Combine: 105

Major:
WN-PRK214
 Inframe:
WN-PRK184

6-404D Early; 4.250" Bore; ESN <-214999;
 Replacement Block Marked R40930

Tractor: JD600, 4000, 4020
Combine: 105, 6602, 7700

Major:
WN-PRK215
 Inframe:
WN-PRK185

6-404D Mid; 4.250" Bore; ESN 215000-335845;
 Block Marked R40610, R40620, R45950,
 R47170, R48440;
 Water Pump Bolts to Head

Tractor: 4230, 4040
Combine: 6600, 6602, 7700

Major:
WN-PRK216
 Inframe:
WN-PRK186

6-404D Late; 4.250" Bore; ESN 335845->;
 Block Marked R49470, R49650, R59850,
 R72128, R87558; Water Pump Bolts to Block

John Deere®

Engine Overhaul Kits

6-404D Hyper

Applications

Kit Number

Features

Tractor: JD600, 4010, 4020
Combine: 105

Major:
WN-PRK731

Inframe:
WN-PRK954417

Hyperperformance; 6-404D Early; 4.250" Bore;
ESN <-214999;
Original Block Marked R33180, R34340,
R40890, R40900

Tractor: JD600, 4000, 4020
Combine: 105, 6602, 7700

Major:
WN-PRK732

Inframe:
WN-PRK954421

Hyperperformance; 6-404D Mid; 4.250" Bore;
ESN 215000-335845;
Block Marked R40610, R40620, R45950,
R47170, R48440;
Water Pump Bolts to Head

Tractor: 4230, 4040
Combine: 6600, 6602, 7700

Major:
WN-PRK733

Inframe:
WN-PRK954423

Hyperperformance; 6-404D Late; 4.250" Bore;
ESN 335845->;
Block Marked R49470, R49650, R59850,
R72128, R87558;
Water Pump Bolts to Block

6-404T/A

Tractor: 4320, 4520, 4620, 7020
Industrial: JD644, JD644A, JD690, JD690A
Forage Harvester: 5200

Major:
WN-PRK217

Inframe:
WN-PRK187

6-404T/A Early; 4.250" Bore; ESN <-335845;
Block Marked R43310, R45980, R47020, R47110;
External Tube Type Oil Cooler

Tractor: 4430, 4630, 7020
Combine: 6600SH, 6602, 7700
Industrial: 690B
Forage Harvester: 5200, 5440

Major:
WN-PRK218

Inframe:
WN-PRK188

6-404T/A Late; 4.250" Bore; ESN 335845->;
Block Marked R49470, R49650, R59850,
R72128, R87558; Internal Plate Type Oil Cooler

6-404T/A Hyper

Tractor: 4320, 4520, 4620, 7020
Industrial: JD644, JD644A, JD690, JD690A
Forage Harvester: 5200

Major:
WN-PRK734

Inframe:
WN-PRK954425

Hyperperformance; 6-404T/A Early; 4.250" Bore;
ESN <-335845;
Block Marked R43310, R45980, R47020, R47110;
External Tube Type Oil Cooler

Tractor: 4430, 4630, 7020
Combine: 6600SH, 6602, 7700
Industrial: 690B
Forage Harvester: 5200, 5440

Major:
WN-PRK735

Inframe:
WN-PRK954427

Hyperperformance; 6-404T/A Late; 4.250" Bore;
ESN 335845->;
Block Marked R49470, R49650, R59850,
R72128, R87558;
Internal Plate Type Oil Cooler

John Deere®

Engine Overhaul Kits

6-414T

Applications

Industrial: JD544B, 544C, 544D, 544DH, 624E, 624EH, 655, 655B, 690D, 690DR, JD750, 750B, JD755, 755A, 755B, 755BH

Kit Number

Major:
WN-PRK212

Inframe:
WN-PRK181

Features

6-414T; 4.1929" Bore; All ESN;
Piston Marked AR66401, AR96389;
.375" Valve Stem Diameter; 1.625" Piston Pin;
8.580" OAL Liners

6068T Liter Designated

Combine: 9400
Industrial: 624E, 624EH, 624G, 624GH, 655B, 690D, 690DR, 690ELC, 750B, 750C, 755B, 790ELC

Major:
WN-PRK661

Inframe:
WN-PRK651

6068T; Liter Designated (Non-Powertech);
4.1929" Bore; Piston Marked RE48469;
.312" Valve Stem Diameter; 1.625" Piston Pin;
8.580" OAL Liners; Not For Use With Tractors

Tractor: 7400, 7500, 7600

Major:
WN-PRK956249

Inframe:
WN-PRK651

6068T; Liter Designated (Non-Powertech);
4.1929" Bore; Piston Marked RE48469;
.312" Valve Stem Diameter; 1.625" Piston Pin;
8.580" OAL Liners;
For 7400, 7500, 7600 Tractors Only

6068D Powertech

Tractor: 6505, 6510, SE6510, 6515, 6520, SE6520

Major:
WN-PRK816

Inframe:
WN-PRK802

6068D Powertech; 4.1929" Bore;
Piston Code 4805;
Piston Marked RE59279, RE505101;
Connecting Rod Marked R123959;
12 Valve Head; 1.375" Piston Pin

Tractor: 6505, 6510, SE6510, 6515, 6520, SE6520

Major:
WN-PRK817

Inframe:
WN-PRK803

6068D Powertech; 4.1929" Bore;
Piston Code 4805;
Piston Marked RE59279, RE505101;
Fractured Connecting Rod Marked R500000;
12 Valve Head; 1.375" Piston Pin

6068T Powertech

Tractor: 6603
Cotton Picker: 9935
Industrial: 700H
Windrower: 4990

Major:
WN-PRK818

Inframe:
WN-PRK804

6068T/H Powertech; 4.1929" Bore;
Piston Code 4807, 4828;
Piston Marked RE59277, RE505100, RE515372;
Connecting Rod Marked R123959;
12 Valve Head; 1.375" Piston Pin

Tractor: 6603
Cotton Picker: 9935
Industrial: 700H
Windrower: 4990

Major:
WN-PRK819

Inframe:
WN-PRK805

6068T/H Powertech; 4.1929" Bore;
Piston Code 4807, 4828;
Piston Marked RE59277, RE505100, RE515372;
Fractured Connecting Rod Marked R500000;
12 Valve Head; 1.375" Piston Pin

John Deere®

Engine Overhaul Kits

6068T/H Powertech

Applications	Kit Number	Features
<p>Tractor: 6520, 6605, 6615, 6620, 6715, 7210, 7405, 7410, 7510, 7610, 7815, 7220, 7320, 7420, 7520, 7500</p> <p>Combine: 1165, 1170, 1175, 1175H, 1450CWS, 1450WTS, 1550CWS, 1550WTS, 9400, 9410, 9450, 9540WTS</p> <p>Industrial: TC54H, TC62H, 200CLC, 200LC, 230CLC, 230LC, 230LCR, 230LCRD, 270CLC, 270LC, 544H, 544J, 624H, 690ELC, 710D, 710G, 750C, 700J, 750C-II, 750J</p> <p>Sprayer: 4700, 4710</p> <p>Windrower: 4990, 4995</p>	<p>Major: WN-PRK820</p> <p>Inframe: WN-PRK806</p>	<p>6068T/H Powertech; 4.1929" Bore; Piston Code 4808, 4810, 4815, 4820, 4824; Piston Marked RE55512, RE505102, RE509540; Connecting Rod Marked R114081; High Horsepower; 12 Valve Head; 1.625" Piston Pin</p>
<p>Tractor: 6520, 6605, 6615, 6620, 6715, 7210, 7220, 7320, 7405, 7410, 7420, 7500, 7510, 7520, 7610, 7815</p> <p>Combine: 1165, 1175, 1175H, 1170, 1450CWS, 1450WTS, 1550CWS, 1550WTS, 9400, 9410, 9450, 9540WTS</p> <p>Industrial: TC54H, TC62H, 200CLC, 200LC, 230CLC, 230LC, 230LCR, 230LCRD, 270CLC, 270LC, 544H, 544J, 624H, 690ELC, 700J, 710D, 710G, 750C, 750C-II, 750J</p> <p>Sprayer: 4700, 4710</p> <p>Windrower: 4990, 4995</p>	<p>Major: WN-PRK821</p> <p>Inframe: WN-PRK807</p>	<p>6068T/H Powertech; 4.1929" Bore; Piston Code 4808, 4810, 4815, 4820, 4824; Piston Marked RE55512, RE505102, RE509540; Fractured Connecting Rod Marked R500335; High Horsepower; 12 Valve Head; 1.625" Piston Pin</p>

6-466D

<p>Tractor: 4050, 4240</p> <p>Combine: 6620</p>	<p>Major: WN-PRK220</p> <p>Inframe: WN-PRK189</p>	<p>6-466D; 4.5625" Bore; All ESN; Connecting Rod Marked R41423, R58862, R66922; 1.625" Piston Pin</p>
---	---	---

John Deere®

Engine Overhaul Kits

6-466T/A

Applications

Kit Number

Features

Tractor: 4440, 4640, 4840, 8430, 8440, 8450
Combine: 6602, 6620, 6622, 7720, 8820
Cotton Picker: 9940
Industrial: 644C, 646C
Forage Harvester: 5720

Major:
WN-PRK221
 Inframe:
WN-PRK190

6-466T/A Early; 4.5625" Bore; ESN <-253372;
 Premium Gasket Set;
 Connecting Rod Marked R57303, R67320;
 Tapered Pin Bushing; 1.875" Piston Pin

Tractor: 4050E, 4250, 4450, 4455, 4650,
 4850, 8450
Combine: 6620, 6622, 7720, 7722, 8820
Cotton Picker: 9940, 9950
Industrial: 644C, 644D, 690C, 690CR, 790,
 790D, 792, 850B, 892DLC
Forage Harvester: 5720, 5730

Major:
WN-PRK222
 Inframe:
WN-PRK191

6-466T/A Late; 4.5625" Bore; ESN 253372->;
 High Compression; Premium Gasket Set;
 Connecting Rod Marked R71074;
 Stepped-Tapered Pin Bushing; 1.875" Piston Pin

6-466T/A Hyper

Tractor: 4440, 4640, 4840, 8430, 8440, 8450
Combine: 6602, 6620, 6622, 7720, 8820
Cotton Picker: 9940
Forage Harvester: 5720
Industrial: 644C, 646C

Major:
WN-PRK766
 Inframe:
WN-PRK954431

Hyperformance; 6-466T/A Early; 4.5625" Bore;
 ESN <-253372; Premium Gasket Set;
 Connecting Rod Marked R57303, R67320;
 Tapered Pin Bushing; 1.875" Piston Pin

Tractor: 4050E, 4250, 4450, 4455, 4650,
 4850, 8450
Combine: 6620, 6622, 7720, 7722, 8820
Industrial: 644C, 644D, 690C, 690CR, 790, 790D,
 792, 850B, 892DLC
Cotton Picker: 9940, 9950
Forage Harvester: 5720, 5730

Major:
WN-PRK767
 Inframe:
WN-PRK954433

Hyperformance; 6-466T/A Late; 4.5625" Bore;
 ESN 253372->; High Compression;
 Premium Gasket Set; Connecting Rod
 Marked R71074; Stepped-Tapered Pin Bushing;
 1.875" Piston Pin

John Deere®

Engine Overhaul Kits

6076T/A

Applications	Kit Number	Features
Tractor: 4055, 4255, 4455, 4555, 4560, 4755, 4760 Combine: 9500, 9600 Cotton Picker: 9960 Industrial: 644E, 644EH, 644ER, 644EZ	Major: WN-PRK769 Inframe: WN-PRK623	6076T/A/H Early; 4.5625" Bore; ESN <-499999; High Ring Piston; Helical Gears; RH Side Oval Oil Cooler
Tractor: 4955, 4960, 8560	Major: WN-PRK770 Inframe: WN-PRK664	6076T/A/H Early; 4.5625" Bore; ESN <-499999; Low Ring Piston; Helical Gears; RH Side Oval Oil Cooler
Tractor: 7700, 7800, 8100, 8200, 8300, 8570 Combine: CTS, 9500, 9600 Cotton Picker: 9960, 9965, 9970 Forage Harvester: 6610 Industrial: 644G, 792DLC, 850C, 892ELC	Major: WN-PRK624 Inframe: WN-PRK623	6076T/A/H Late; 4.5625" Bore; ESN 499999->; High Ring Piston; Spur Gears; LH Side Box Type Oil Cooler
Tractor: 8560, 8570	Major: WN-PRK665 Inframe: WN-PRK664	6076T/A/H Late; 4.5625" Bore; ESN 499999->; Low Ring Piston; Spur Gears; LH Side Box Type Oil Cooler

6076T/A Hyper

Tractor: 4055, 4255, 4455, 4555, 4560, 4755, 4760 Combine: 9500, 9600 Cotton Picker: 9960 Industrial: 644E, 644EH, 644ER, 644EZ	Major: WN-PRK1298 Inframe: WN-PRK1294	Hyperperformance; 6076T/A/H Early; 4.5625" Bore; ESN <-499999; High Ring Piston; Helical Gears; RH Side Oval Oil Cooler
Tractor: 7700, 7800, 8100, 8200, 8300, 8570 Combine: CTS, 9500, 9600 Cotton Picker: 9960, 9965, 9970 Forage Harvester: 6610 Industrial: 644G, 792DLC, 850C, 892ELC	Major: WN-PRK1299 Inframe: WN-PRK1294	Hyperperformance; 6076T/A/H Late; 4.5625" Bore; ESN 499999->; High Ring Piston; Spur Gears; LH Side Box Type Oil Cooler

John Deere®

Engine Overhaul Kits

6081T/A/H Powertech

Applications	Kit Number	Features
Tractor: 7710, 7810, 8100, 8100T, 8200, 8200T, 8300, 8300T, 8400, 8400T, 8110, 8110T, 8210, 8210T, 8310, 8310T, 9100 Combine: 9510, 9550, 9550SH Cotton Picker: 9970 Industrial: 330LC, 330LCR, 370, 530B, 535, 644G, 644H, 850C, 850C-II	Major: WN-PRK822 Inframe: WN-PRK808	6081A/H; 4.5625" Bore; ESN <-86535; High Compression Piston Marked RE53000, RE64170, RE65289, RE70688, RE502656; Connecting Rod Marked R116340; Bosch In-Line Injection Pump
Tractor: 7710, 7810, 8100, 8100T, 8200, 8200T, 8300, 8300T, 8400, 8400T, 8110, 8110T, 8210, 8210T, 8310, 8310T, 9100 Combine: 9510, 9550, 9550SH Cotton Picker: 9970 Industrial: 330LC, 330LCR, 370, 530B, 535, 644G, 644H, 850C, 850C-II	Major: WN-PRK823 Inframe: WN-PRK809	6081A/H Powertech; 4.5625" Bore; ESN <-199999; Tier 1; High Compression Piston Marked RE53000, RE64170, RE65289, RE70688, RE502656; Connecting Rod Marked R501034; Bosch In-Line Injection Pump
Tractor: 8410, 8410T Combine: 9610, 9650, 9650CTS, 9650STS, 9750STS, CTS II Cotton Picker: 9976, 9986 Forage Harvester: 6610, 6650	Major: WN-PRK846 Inframe: WN-PRK845	6081T/A/H Powertech; 4.5625" Bore; ESN <-199999; Tier 1; Low Compression Piston Marked RE60328, RE62640, RE65407, RE70689, RE503305, RE508995, RE516291; Connecting Rod Marked R501034; Pan Gasket for 8410, 8410T Tractors Not Included; Bosch In-Line Injection Pump
Tractor: 7710, 7810, 7820, 7920, 8120, 8120T, 8220, 8220T, 8320, 8320T Combine: 9640 Industrial: 330CLC, 370C, 644H, 644J, 724J, 850J	Major: WN-PRK1250 Inframe: WN-PRK1248	6081A/H Powertech; 4.5625" Bore; ESN 200000->; Tier 2; High Compression Piston Marked RE53000, RE64170, RE65289, RE70688, RE502656; Common Rail Fuel System
Tractor: 8420, 8420T, 8520, 8520T, 9120 Combine: 9560STS, 9640, 9650, 9650CTS, 9650STS, 9660, 9660CTS, 9660STS, 9680, 9750STS, 9760STS Cotton Picker: 9996 Forage Harvester: 7200 Sprayer: 4920	Major: WN-PRK1251 Inframe: WN-PRK1249	6081T/A/H Powertech; 4.5625" Bore; ESN 200000->; Tier 2; Low Compression Piston Marked RE60328, RE62640, RE65407, RE70689, RE503305, RE508995, RE516291; Common Rail Fuel System

John Deere®

Engine Overhaul Kits

6081T/A/H Powertech Hyper

Applications

Kit Number

Features

Tractor: 7710, 7810, 8100, 8100T, 8200, 8200T, 8300, 8300T, 8400, 8400T, 8110, 8110T, 8210, 8210T, 8310, 8310T, 9100
Combine: 9510, 9550, 9550SH
Cotton Picker: 9970
Industrial: 330LC, 330LCR, 370, 530B, 535, 644G, 644H, 850C, 850C-II

Major:
WN-PRK1300
 Inframe:
WN-PRK1295

Hyperformance: 6081A/H; 4.5625" Bore; ESN <-86535;
 High Compression Piston Marked RE53000, RE64170, RE65289, RE70688, RE502656;
 Connecting Rod Marked R116340;
 Bosch In-Line Injection Pump

Tractor: 7710, 7810, 8100, 8100T, 8200, 8200T, 8300, 8300T, 8400, 8400T, 8110, 8110T, 8210, 8210T, 8310, 8310T, 9100
Combine: 9510, 9550, 9550SH
Cotton Picker: 9970
Industrial: 330LC, 330LCR, 370, 530B, 535, 644G, 644H, 850C, 850C-II

Major:
WN-PRK1301
 Inframe:
WN-PRK1296

Hyperformance: 6081A/H Powertech; 4.5625" Bore; ESN <-199999; Tier 1;
 High Compression Piston Marked RE53000, RE64170, RE65289, RE70688, RE502656;
 Connecting Rod Marked R501034;
 Bosch In-Line Injection Pump

Tractor: 7710, 7810, 7820, 7920, 8120, 8120T, 8220, 8220T, 8320, 8320T
Combine: 9640
Industrial: 330CLC, 370C, 644H, 644J, 724J, 850J

Major:
WN-PRK1302
 Inframe:
WN-PRK1297

Hyperformance: 6081A/H Powertech; 4.5625" Bore; ESN 200000->; Tier 2;
 High Compression Piston Marked RE53000, RE64170, RE65289, RE70688, RE502656;
 Common Rail Fuel System

6-619T/A, 6101A/H

Tractor: 8640, 8650
Industrial: 850, 855, 890, 890A
Forage Harvester: 5460, 5820

Major:
WN-PRK233
 Inframe:
WN-PRK230

6-619T/A Mid; 5.125" Bore; ESN 33815-49059;
 Block Marked R63199, R69312, R72130, R74123;
 Curved Counter Bore Relief;
 Connecting Rod Marked R63959

Tractor: 8650, 8760
Industrial: 744E, 850, 855, 890A, 992DLC
Forage Harvester: 5820, 5830

Major:
WN-PRK234
 Inframe:
WN-PRK231

6-619T/A Late, ESN 49060->; 6101A/H Early, ESN <-499999; 5.125" Bore;
 Block Marked R75934, R87552, R88217, R98554, R105739; Square Counter Bore Relief;
 Connecting Rod Marked R63959

Tractor: 8770, 8870
Industrial: 450LC, 744E, 992ELC
Forage Harvester: 6710

Major:
WN-PRK842
 Inframe:
WN-PRK841

6101A/H Late; 5.125" Bore; ESN 500000->;
 Block Marked R116334, R116335;
 3/8" Valve Stems

CNH/Iveco/NEF[®]

Engine Overhaul Kits

N45 Naturally Aspirated

Applications	Kit Number	Features
Industrial: 580M SERIES 2 (Case-IH) Skid Steer / Loader: 430, 445, 445CT (Case-IH); C190, L190, LS190.B, LT190.B (New Holland)	Major: WN-PRK73342297 Inframe: WN-PRK73342279	CNH/Iveco/NEF N45; 4 Cylinder; 8 Valve Head; Naturally Aspirated; For industrial applications only; Includes 1.15mm thick head gasket, pan gaskets 2852012 (paper) and 4897877 (rubber); 1.25mm thick head gasket (WN-2830919) available for purchase
Tractor: JX1070U, JX1080U, JX1085C (Case-IH); TL80A, TN85A, TN85DA, TN85SA (New Holland)	Major: WN-PRK1279 Inframe: WN-PRK1274	CNH/Iveco/NEF N45; 4 Cylinder; 8 Valve Head; Naturally Aspirated; For agricultural applications only; Includes 1.15mm thick head gasket; 1.25mm thick head gasket (WN-2830919) available for purchase; Does not include reusable metal pan gasket 2830645
Tractor: 5610S, 6610S, 7610S (New Holland)	Major: WN-PRK1281 Inframe: WN-PRK1276	CNH/Iveco/NEF N45; 4 Cylinder; 8 Valve Head; Naturally Aspirated; For agricultural applications only; Includes 1.15mm thick head gasket; 1.25mm thick head gasket (WN-2830919) available for purchase; Does not include reusable metal pan gasket 4894295

CNH/Iveco/NEF[®]

Engine Overhaul Kits

N45 Turbocharged

Applications	Kit Number	Features
<p>Industrial: 521D, 580M SERIES 2, 580M SERIES 3, 580N, 580SM SERIES 2, 580SM+ SERIES 2, 590SM SERIES 2 (Case-IH); B110, B115, B90B, B95, B95LR, B95TC, D75, D85, LB110.B, LB115.B, LB75.B, LB90.B, U80B (New Holland)</p> <p>Skid Steer / Loader: 440 SERIES 3, 440CT SERIES 3, 450, 450CT, 465 (Case-IH); C190, L190 (New Holland)</p> <p>Windrower: WDX1002S, WDX1202, WDX1202S (Case-IH); HW305, HW305S, HW325 (New Holland)</p>	<p>Major: WN-PRK73342300</p> <p>Inframe: WN-PRK73342282</p>	<p>CNH/Iveco/NEF N45; 4 Cylinder; 8 Valve Head; Turbocharged; For industrial applications only; Includes 1.15mm thick head gasket, pan gaskets 2852012 (paper) and 4897877 (rubber); 1.25mm thick head gasket (WN-2830919) available for purchase</p>
<p>Tractor: FARMALL 105U, FARMALL 85C, FARMALL 85U, FARMALL 90, FARMALL 95, FARMALL 95C, FARMALL 95N, FARMALL 95U, JX1090U, JX1095C, JX1100U (Case-IH); T4040, T4050, T4050F, T4050N, T4050V, T5040, T5050, T5060, T5070, TD5050, TK4050, TK4050M, TK4060, TL100A, TL90A, TN95A, TN95DA (New Holland)</p>	<p>Major: WN-PRK1280</p> <p>Inframe: WN-PRK1275</p>	<p>CNH/Iveco/NEF N45; 4 Cylinder; 8 Valve Head; Turbocharged; For agricultural applications only; Includes 1.15mm thick head gasket; 1.25mm thick head gasket (WN-2830919) available for purchase; Does not include reusable metal pan gasket 2830645</p>
<p>Tractor: FARMALL 110A, FARMALL 120A, FARMALL 125A, FARMALL 140A, MAXXUM 100, MAXXUM 110, MXU100, MXU110 (Case-IH); 5610S, 6610S, 7610S, T6010, T6020, TS100A, TS6.110, TS6.120, TS6.125, TS6.140, TS6000, TS6020, TS6030 (New Holland)</p>	<p>Major: WN-PRK1282</p> <p>Inframe: WN-PRK1277</p>	<p>CNH/Iveco/NEF N45; 4 Cylinder; 8 Valve Head; Turbocharged; For agricultural applications only; Includes 1.15mm thick head gasket; 1.25mm thick head gasket (WN-2830919) available for purchase; Does not include reusable metal pan gasket 4894295</p>

N67 Turbocharged

<p>Tractor: MAXXUM 115, MAXXUM 125, MAXXUM 140, MXU115, MXU130 (Case-IH); MTX120, MTX135, MTX150, MTX165 (McCormick); T6030, T6050, T6070, TS115A, TS130A (New Holland)</p>	<p>Major: WN-PRK73342336</p> <p>Inframe: WN-PRK73342318</p>	<p>CNH/Iveco/NEF N67; 6 Cylinder; 12 Valve Head; Turbocharged; For agricultural applications only; Includes 1.15mm thick head gasket; 1.25mm thick head gasket (WN-2830922) available for purchase; Does not include reusable metal pan gasket 4894301</p>
<p>Tractor: 621D (Case-IH); E215B, LW130.B (New Holland)</p>	<p>Major: WN-PRK1283</p> <p>Inframe: WN-PRK1278</p>	<p>CNH/Iveco/NEF N67; 6 Cylinder; 12 Valve Head; Turbocharged; For industrial applications only; Includes 1.15mm thick head gasket and pan gasket 4897861 (rubber); 1.25mm thick head gasket (WN-2830922) available for purchase</p>

Shibaura®

Engine Overhaul Kits

N843 Naturally Aspirated

Applications

Tractor: D35, DX34, DX35, FARMALL 35 (Case-IH); 1720, 1925, BOOMER 2035, T1520, T2220, TC34DA, TC35, TC35A, TC35D, TC35DA (New Holland)
Skid Steer / Loader: L465, LS140, LS150, LX465, LX485 (New Holland)

Kit Number

Major:
WN-PRK1342

Features

Shibaura N843 (3 Cylinder); Naturally Aspirated; Tier 1 & 2; 84mm Bore; 1.496L; Piston #115017491; Includes additional rear crankshaft seal (WN-050209083) for long stroke engines; LS140 before ESN 76992; LS150 before ESN 74975

Tractor: D33, DX31, DX33, FARMALL 31 (Case-IH); BOOMER 2030, T1510, T2210, TC30, TC31DA, TC33, TC33D, TC33DA (New Holland)
Skid Steer / Loader: L140, L150, LS140, LS150 (New Holland)

Major:
WN-PRK1344

Shibaura N843 (3 Cylinder); Naturally Aspirated; Tier 1 & 2; 84mm Bore; 1.496L; Piston #115017541; LS140 after ESN 76993; LS150 after ESN 74976

N844 Naturally Aspirated

Skid Steer / Loader: L565, LS160, LX565 (New Holland)

Major:
WN-PRK1347

Shibaura N844 (4 Cylinder); Naturally Aspirated; Tier 1 & 2; 84mm Bore; 1.995L; Piston #115017491; Includes additional rear crankshaft seal (WN-050209083) for long stroke engines; LS160 before ESN 109132

Tractor: D40, DX40, FARMALL 40, FARMALL 40B (Case-IH); 1920, BOOMER 3040, T2310, TC40, TC40A, TC40D, TC40DA, TT45A (New Holland)
Skid Steer / Loader: SR150 (Case-IH); L160, L215, LS160 (New Holland)

Major:
WN-PRK1349

Shibaura N844 (4 Cylinder); Naturally Aspirated; Tier 1 & 2; 84mm Bore; 1.995L; Piston #115017541; LS160 after ESN 109133

N844T Turbocharged

Skid Steer / Loader: LS170, LX665 (New Holland)

Major:
WN-PRK1348

Shibaura N844T (4 Cylinder); Turbocharged; Tier 1 & 2; 84mm Bore; 1.995L; Piston #115017221; LS170 before ESN 108981

Skid Steer / Loader: SR150 (Case-IH); L170, L215, LS170 (New Holland)

Major:
WN-PRK1350

Shibaura N844T (4 Cylinder); Turbocharged; Tier 1 & 2; 84mm Bore; 1.995L; Piston #115017551; LS170 after ESN 108982

International/Case IH[®] and John Deere[®] Head Bolt Kits

Head Bolt Kits

Engine Number	Kit Number	Features
D312	WN-RP741113	Includes (6) 676119C1 Bolts, (20) 676120C1 Bolts, (26) 252018R1 Washers
D360		
D/DT414		
D/DT436		
D/DT466		

Head Bolt Kits

3-179D/T	WN-RP1290	Includes (14) R85363 Bolts
3029D/T Powertech		
4-239D	WN-RP1291	Includes (18) R85363 Bolts
4-239T/A		
4-276D/T		
4039D/T		
4045D/T		
4045T/H Powertech		
4-270D Thru ESN 67999	WN-RP376	Use with Bendix or Bosch Injectors; Includes (4) R42462 Bolts, (3) R42463 Bolts, (11) R42464 Bolts, (18) R76126 Washers
4-270D ESN 67999 Thru 124999	WN-RP377	Use with Pencil Nozzles; Includes (4) R42462 Bolts, (3) R42463 Bolts, (6) R42464 Bolts, (5) R42465, (18) R76126 Washers
4-270D After ESN 124999	WN-RP364	Includes (4) R88042 Bolts, (3) R88043 Bolts, (6) R88044 Bolts, (5) R88045 Bolts

John Deere®

Head Bolt Kits

Head Bolt Kits

Engine Number	Kit Number	Features
6-329D 6-359D/T/A Late 6-414D/T Late 6059D/T 6068D/T 6068D/T/H Powertech	WN-RP1292	For 6-329D Engines: Do Not Use with Blocks Marked T24968 or T32345; Includes (26) R85363 Bolts
6-404D Thru ESN 90999	WN-RP378	Grade 8, Torque to 130 lb-ft; Use with Bendix or Bosch Injectors; Includes (6) R42462 Bolts, (5) R42463 Bolts, (15) R42464 Bolts, (26) R76126 Washers
6-404D ESN 90999 Thru 214999	WN-RP379	Grade 8 Upgrade, Torque to 130 lb-ft; Use with Pencil Nozzles; Includes (6) R42462 Bolts, (5) R42463 Bolts, (8) R42464 Bolts, (7) R42465 Bolts, (26) R76126 Washers
6-404D After ESN 214999 6-404T/A 6-466D/T Early Block	WN-RP365	Includes (6) R88042 Bolts, (5) R88043 Bolts, (8) R88044 Bolts, (7) R88045 Bolts
6076T/A Thru ESN 499999 6-466D/T Late Block	WN-RP366	For 6-466D/T Late Engines: Use with Blocks Beginning with Casting Number R875; Includes (11) R88043 Bolts, (8) R88044 Bolts, (7) R88045 Bolts
6076T/A After ESN 499999 6081T/A/H Powertech	WN-RG24026	For 6076T/A Engines: Use with Blocks Marked R122736 & Up; Includes (6) R121320 Bolts, (5) R121489 Bolts, (8) R121490 Bolts, (7) R121491 Bolts

LIMITED PARTS WARRANTY

Parts Express warrants parts to be free from defects in material and workmanship for one year from date of goods sold. This warranty applies to any part that is properly installed, maintained, and operated under normal conditions. This warranty is void if the part has been (i) subject to misuse, neglect, or accident, (ii) used for a purpose for which it is not designed, or (iii) altered in any way that adversely affect its performance or reliability. Parts Express' sole obligation and the purchaser's sole remedy for any breach of this warranty is repair or replacement of defective parts.

Parts must be returned to Parts Express under prescribed policy. Parts Express reserves the right to inspect any or all parts returned for warranty before warranty claims will be honored. EXCEPT AS EXPRESSLY PROVIDED IN THIS WARRANTY, ALL PARTS ARE PROVIDED "AS IS", AND PARTS EXPRESS DISCLAIMS AND EXCLUDES ALL WARRANTIES WITH RESPECT TO PARTS EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE.

LIMITATION OF LIABILITY

IN NO EVENT WILL PARTS EXPRESS' LIABILITY OF ANY KIND INCLUDE ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL LOSSES OR DAMAGES, EVEN IF PARTS EXPRESS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH POTENTIAL LOSS OR DAMAGE.

IN NO EVENT WILL PARTS EXPRESS INCUR LIABILITY OF ANY KIND WITH RESPECT TO ANY PART OR PRODUCT IN EXCESS OF THE PURCHASE PRICE OF THAT PART OR PRODUCT.

Any claim arising from or relating to any from any alleged breach of warranty or failure of remedy must be commenced in one year after the claim arises. No one is authorized by Parts Express to modify the written terms of disclaimers set forth in this warranty.

TERMS & CONDITIONS

Terms: Net 30

Payment Methods: We currently accept Visa, MasterCard, and Discover Card as methods of payment.

Damaged Items: All merchandise leaving our warehouse is inspected and in good condition prior to shipment. If you receive a damaged package, please report the damage to the carrier immediately - before they leave your location.

UPS Shipments: Please contact Parts Express at 1 800.247.1237 immediately. Parts Express is responsible for filing damage claims with UPS. Damaged merchandise must be kept in the original packaging pending UPS inspection. Parts Express will notify you as to the disposition of the damaged merchandise.

Common Carrier: Damage claims must be filed by you with the carrier. Please Do Not Refuse Shipment. This will only delay your receipt of credit or replacement of damaged goods.

Merchandise Returns: Permission must be obtained before returning merchandise for any reason. Please call 800-247-1237 to get a Return Goods Authorization number (RGA number). Parts Express offers a 30 day no questions asked return policy for unused/unopened items. That is 30 days from the original invoice date. After 30 days, a minimum restocking fee will be applied as follows:

After 30 days - 15% restocking fee

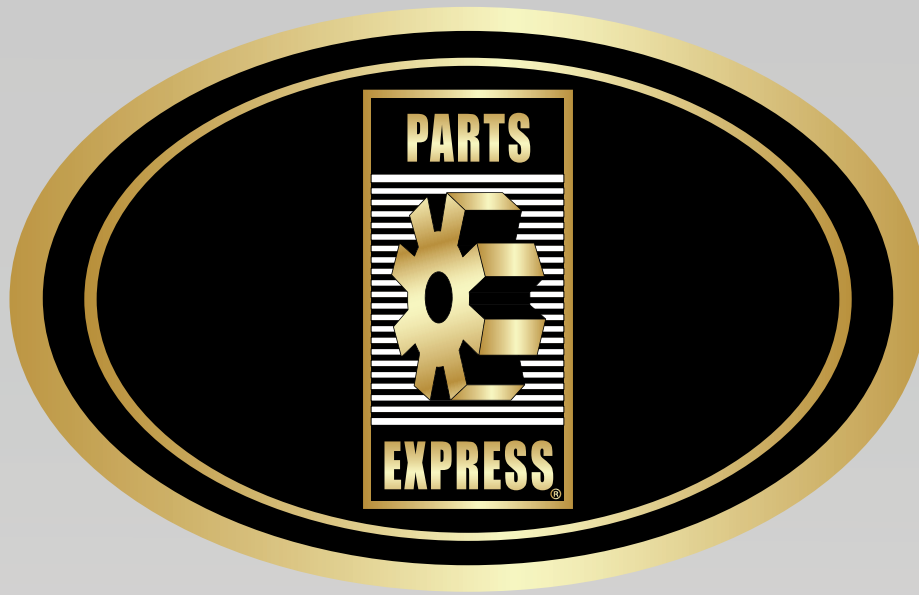
After 6 months 20% restocking fee

NO RETURNS after 12 months

The minimum restocking fee may be revised at our discretion, based on final inspection of the returned merchandise and the circumstances involved.

Credit will be issued based on inspection of the returned merchandise. The customer assumes liability for freight when returning merchandise ordered in error. Returned merchandise must be shipped with all transportation charges prepaid. Merchandise returned C.O.D. will be refused.

Core Charges: Cores must be returned within 60 days of receipt of the original merchandise in order to qualify for a refund, unless prior arrangements have been made. Core charges will be refunded based on receipt and inspection of a serviceable core. Core returns must be accompanied by the core tag shipped with the original merchandise and a copy of the original invoice. Whenever possible, please reuse the original shipping and packing materials from the product you received.



Quality Parts When YOU Need Them

— OUR LOCATIONS —



Sioux Falls, SD



Leesburg, IN



Sikeston, MO



Goldsboro, NC

Parts Express offers a wide variety of “New” after-market parts. With our ever growing warehouses, we at Parts Express know that when you need a part, you need it! **NOW!**

Our availability and our locations help us to ensure you that you can expect the right part in a timely manner. With these strategically placed warehouses, we are able to cut down cost and pass the savings on to our customers.

www.parts-exp.com

Toll Free: 1-800-247-1237



Like & Follow us on Facebook