

Aftermarket Major Overhaul Kits for John Deere® Applications!

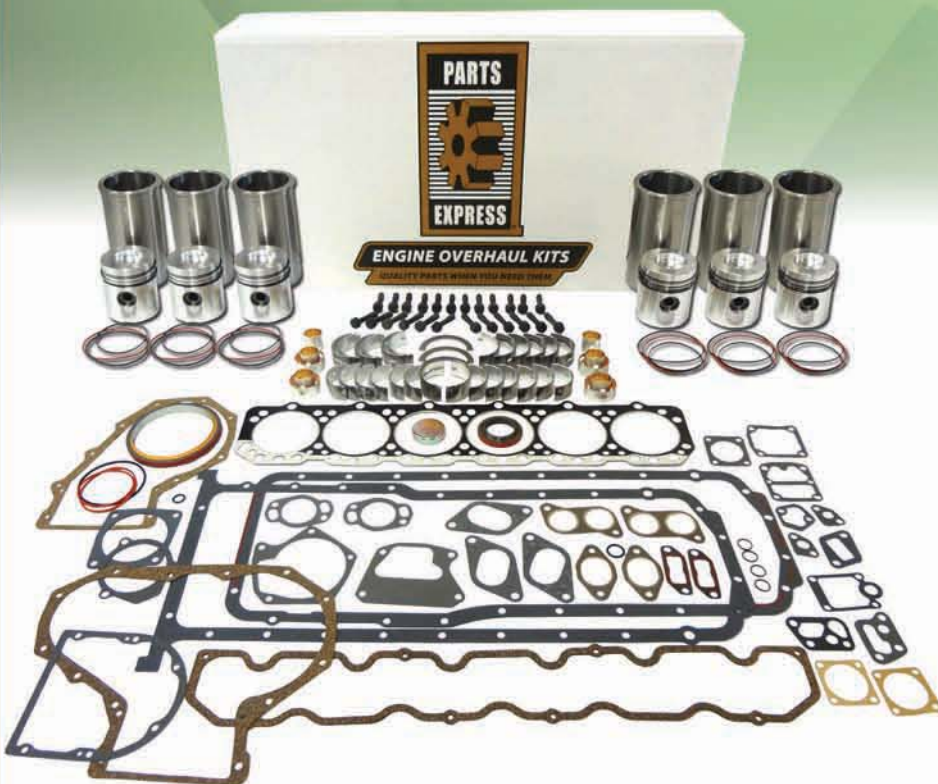
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TOLL FREE: 1-800-247-1237

ENGINE OVERHAUL KITS

QUALITY PARTS WHEN YOU NEED THEM

- **One year warranty on ALL parts!**
- **Overhaul kits will be shipped out of our Sioux Falls, SD location.**



- **Cylinder Kits**
- **Engine Bearings (Rod, Main & Thrust)**
- **Overhaul Gaskets**
- **Oil Seals**
- **Piston Pin Bushings**
- **Connecting Rod Capscrews**
- **Camshaft Bearings (when applicable)**
- **Camshaft Plug (when applicable)**
- **Balancer Shaft Bushings (when applicable)**



Major Overhaul Kit, 3 Cylinder, Diesel

WN-PRK205 3-164D Late; 4.0157" Bore; ESN 179602->; 1.375" Piston Pin; O-Ring Grooves in Block
Tractor: 301A, 302, 830, 930, 1030, 1130, 1020, 1120, 1530, 2040 Industrial: 300B, 302A, JD310

Major Overhaul Kit, 4 Cylinder, Diesel

WN-PRK293 4-219D/T Early; 4.0157" Bore; ESN <-275483; Block Marked T26933; O-Rings on Liner; 7.720" OAL Liners
Tractor: 2120, 2520

WN-PRK203 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: 2120, 2520, 2030 Combine: 3300, 4400 Industrial: 410, JD450B Windrower: 2270

WN-PRK206 4-219D/T Late; 4.0157" Bore; ESN 275484->; 1.375" 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

WN-PRK654 4039D; 4.1929" Bore; All ESN; High Ring Piston; .312" Valve Stem Diameter; 1.375" Piston Pin; 7.720" OAL Liners
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

WN-PRK655 4039T/A; 4.1929" Bore; All ESN; .312" Valve Stem Diameter; 1.625" Piston Pin; 7.720" OAL Liners; Not for Tractor Applications
Industrial: 310C, 310D, 315C, 315D Sprayer: 6100, 6500, 6600 Windrower: 3830

WN-PRK297 4-270D Early; 4.250" Bore; ESN <-280000; Original Block Marked R32020, R40850; Has Weep Holes
Tractor: JD500, 3010, 3020 Industrial: JD500A

WN-PRK631 4-270D Early; 4.250" Bore; ESN <-280000; Replacement Block Marked R40910, R46350, R46430
Tractor: JD500, 3010, 3020 Industrial: JD500A

WN-PRK298 4-270D Late; 4.250" Bore; ESN 280001->; Block Marked R40700, R47520, R48430, R50610, R72127
Tractor: 3020 Industrial: JD500A, JD500B, 500C, 510

WN-PRK810 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: 270, 280

WN-PRK812 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: 230LCRD, 210LE, 310E, 310G, 310SE, 310SG, 315SE, 315SG, 344H,
410E, 410G, 450H, 450J, 550H, 550J, 650H, 650J Sprayer: 6700 Windrower: 4890, 4895

WN-PRK814 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 Overhaul Kit, 6 Cylinder, Diesel

WN-PRK294 6-329D/T Early; 4.0157" Bore; ESN <-277548; Block Marked T24968; O-Rings on Liner; 7.720" OAL Liners
Combine: 6600 Cotton Picker: 499, 699

WN-PRK204 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: 4030 Combine: 6600 Cotton Picker: 499, 699 Industrial: JD544A

WN-PRK207 6-329D/T Late; 4.0157" Bore; ESN 277549->; 1.375" 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

WN-PRK656 6-359D, 6059D; 4.1929" Bore; High Ring Piston; 1.375" Piston Pin; 7.720" OAL Liners
Tractor: 2940, 2950, 2955, 3040, 3055, 3140, 3150, 3155, 3155TSS, 3255 Combine: 4420, 4425, 4435 Cotton Picker: 9900, 9910, 9920 Industrial: 444D

WN-PRK657 6059T; 4.1929" Bore; All ESN; .312" Valve Stem Diameter; 1.625" Piston Pin; 7.720" OAL Liners
Tractor: 7200 Industrial: 544E, 544EH, 544G, 544GH, 710C, 710D, 710C, 710D Cotton Picker: 9930

WN-PRK213 6-404D Early; 4.250" Bore; ESN <-214999; Original Block Marked R33180, R34340, R40890, R40900
Tractor: JD600, 4010, 4020 Combine: 105



Major Overhaul Kit, 6 Cylinder, Diesel

- WN-PRK214** 6-404D Early; 4.250" Bore; ESN <-214999; Replacement Block Marked R40930
Tractor: JD600, 4020 Combine: 105
- WN-PRK215** 6-404D Mid; 4.250" Bore; ESN 215000-335845; Block Marked R40610, R40620, R45950, R47170, R48440; Water Pump Bolts to Head
Tractor: JD600, 4000, 4020 Combine: 105, 6602, 7700
- WN-PRK216** 6-404D Late; 4.250" Bore; ESN 335845->; Block Marked R49470, R49650, R59850, R72128, R87558; Water Pump Bolts to Block
Tractor: 4230, 4040 Combine: 6600, 6602, 7700
- WN-PRK217** 6-404T/A Early; 4.250" Bore; ESN <-335845; Block Marked R43310, R45980, R47020, R47110; External Tube Type Oil Cooler
Tractor: 4320, 4520, 4620, 7020 Industrial: JD644, JD644A, JD690, JD690A Forage Harvester: 5200
- WN-PRK218** 6-404T/A Late; 4.250" Bore; ESN 335845->; Block Marked R49470, R49650, R59850, R72128, R87558; Internal Plate Type Oil Cooler
Tractor: 4430, 4630, 7020 Combine: 6600SH, 6602, 7700 Industrial: 690B Forage Harvester: 5200, 5440
- WN-PRK816** 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
- WN-PRK818** 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
- WN-PRK820** 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
Tractor: 6520, 6605, 6615, 6620, 6715, 7210, 7405, 7410, 7510, 7610, 7815, 7220, 7320, 7420, 7520, 7500 Combine: 1165, 1170, 1175, 1175H, 1450CWS, 1450WTS, 1550CWS, 1550WTS, 9400, 9410, 9450, 9540WTS Industrial: TC54H, TC62H, 200CLC, 200LC, 230CLC, 230LC, 230LCR, 230LCRD, 270CLC, 270LC, 544H, 544J, 624H, 690ELC, 710D, 710G, 750C, 700J, 750C-II, 750J Sprayer: 4700, 4710 Windrower: 4990, 4995
- WN-PRK220** 6-466D; 4.5625" Bore; All ESN; Connecting Rod Marked R41423, R58862, R66922; 1.625" Piston Pin
Tractor: 4050, 4240 Combine: 6620
- WN-PRK221** 6-466T/A Early; 4.5625" Bore; ESN <-253372; Connecting Rod Marked R57303, R67320; Tapered Pin Bushing; 1.875" Piston Pin
Tractor: 4440, 4640, 4840, 8430, 8440, 8450 Combine: 6602, 6620, 6622, 7720, 8820 Cotton Picker: 9940 Industrial: 644C, 646C Forage Harvester: 5720
- WN-PRK222** 6-466T/A Late; 4.5625" Bore; ESN 253372->; High Compression; Connecting Rod Marked R71074; Stepped-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
- WN-PRK769** 6076T/A/H Early; 4.5625" Bore; ESN <-499999; High Ring Piston; Helical Gears; RH Side Oval Oil Cooler
Tractor: 4055, 4255, 4455, 4555, 4560, 4755, 4760 Combine: 9500, 9600 Cotton Picker: 6690 Industrial: 644E, 644EH, 644ER, 644EZ
- WN-PRK624** 6076T/A/H Late; 4.5625" Bore; ESN 499999->; High Ring Piston; Spur Gears; LH Side Box Type 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
- WN-PRK822** 6081A/H; 4.5625" Bore; ESN <-86535; High Compression Piston Marked RE53000, RE64170, RE65289, RE70688, RE502656; Connecting Rod Marked R116340
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
- WN-PRK823** 6081A/H Powertech; 4.5625" Bore; ESN <-199999; Tier 1; High Compression Piston Marked RE53000, RE64170, RE65289, RE70688, RE502656; Connecting Rod Marked R501034
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
- WN-PRK1250** 6081A/H Powertech; 4.5625" Bore; ESN 200000->; Tier 2; High Compression Piston Marked RE53000, RE64170, RE65289, RE70688, RE502656
Tractor: 7710, 7810, 7820, 7920, 8120, 8120T, 8220, 8220T, 8320, 8320T Combine: 9640 Industrial: 330CLC, 370C, 644H, 644J, 724J, 850J
- WN-PRK233** 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: 8640, 8650 Industrial: 850, 855, 890, 890A Forage Harvester: 5460, 5820
- WN-PRK234** 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: 8650, 8760 Industrial: 744E, 850, 855, 890A, 992DLC Forage Harvester: 5820, 5830
- WN-PRK842** 6101A/H Late; 5.125" Bore; ESN 500000->; Block Marked R116334, R116335; 3/8" Valve Stems
Tractor: 8770, 8870 Industrial: 450LC, 744E, 992ELC Forage Harvester: 6710



HARD ANODIZED CROWN

Hard Anodizing strengthens the surface of the piston crown, offering additional protection against corrosion & wear. It also creates a thermal barrier for the piston, reducing fatigue by keeping temperatures lower.



PHOSPHATE COATED SKIRT

Phosphate Coating the piston skirt increases hardness & wear resistance, and provides a lubricant film which is especially beneficial during start-up or break-in of engines to protect against galling & micro-welding.



NEW Hyperformance Engine Overhaul Kits

Major Overhaul Kit, 4 Cylinder, Diesel

WN-PRK729 Hyperformance; 4-270D Early; 4.250" Bore; ESN <-280000; Original Block Marked R32020, R40850; Has Weep Holes
Tractor: JD500, 3010, 3020 Industrial: JD500A

WN-PRK730 Hyperformance; 4-270D Late; 4.250" Bore; ESN 280001->; Block Marked R40700, R47520, R48430, R50610, R72127
Tractor: 3020 Industrial: JD500A, JD500B, 500C, 510

Major Overhaul Kit, 6 Cylinder, Diesel

WN-PRK731 Hyperformance; 6-404D Early; 4.250" Bore; ESN <-214999; Original Block Marked R33180, R34340, R40890, R40900
Tractor: JD600, 4010, 4020 Combine: 105

WN-PRK732 Hyperformance; 6-404D Mid; 4.250" Bore; ESN 215000-335845; Block Marked R40610, R40620, R45950, R47170, R48440; Water Pump Bolts to Head
Tractor: JD600, 4000, 4020 Combine: 105, 6602, 7700

WN-PRK733 Hyperformance; 6-404D Late; 4.250" Bore; ESN 335845->; Block Marked R49470, R49650, R59850, R72128, R87558; Water Pump Bolts to Block
Tractor: 4230, 4040 Combine: 6600, 6602, 7700

WN-PRK734 Hyperformance; 6-404T/A Early; 4.250" Bore; ESN <-335845; Block Marked R43310, R45980, R47020, R47110; External Tube Type Oil Cooler
Tractor: 4320, 4520, 4620, 7020 Industrial: JD644, JD644A, JD690, JD690A Forage Harvester: 5200

WN-PRK735 Hyperformance; 6-404T/A Late; 4.250" Bore; ESN 335845->; Block Marked R49470, R49650, R59850, R72128, R87558; Internal Plate Type Oil Cooler
Tractor: 4430, 4630, 7020 Combine: 6600SH, 6602, 7700 Industrial: 690B Forage Harvester: 5200, 5440

WN-PRK766 Hyperformance; 6-466T/A Early; 4.5625" Bore; ESN <-253372; Connecting Rod Marked R57303, R67320; Tapered Pin Bushing; 1.875" Piston Pin
Tractor: 4440, 4640, 4840, 8430, 8440, 8450 Combine: 6602, 6620, 6622, 7720, 8820 Cotton Picker: 9940 Forage Harvester: 5720 Industrial: 644C, 646C

WN-PRK767 Hyperformance; 6-466T/A Late; 4.5625" Bore; ESN 253372->; High Compression; Connecting Rod Marked R71074; Stepped-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

WN-PRK1298 Hyperformance; 6076T/A/H Early; 4.5625" Bore; ESN <-499999; High Ring Piston; Helical Gears; RH Side Oval Oil Cooler
Tractor: 4055, 4255, 4455, 4555, 4560, 4755, 4760 Combine: 9500, 9600 Cotton Picker: 9960 Industrial: 644E, 644EH, 644ER, 644EZ

WN-PRK1299 Hyperformance; 6076T/A/H Late; 4.5625" Bore; ESN 499999->; High Ring Piston; Spur Gears; LH Side Box Type 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

WN-PRK1300 Hyperformance; 6081A/H; 4.5625" Bore; ESN <-86535; High Compression Piston Marked RE53000, RE64170, RE65289, RE70688, RE502656; Connecting Rod Marked R116340
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

WN-PRK1301 Hyperformance; 6081A/H Powertech; 4.5625" Bore; ESN <-199999; Tier 1; High Compression Piston Marked RE53000, RE64170, RE65289, RE70688, RE502656; Connecting Rod Marked R501034
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

WN-PRK1302 Hyperformance; 6081A/H Powertech; 4.5625" Bore; ESN 200000->; Tier 2; High Compression Piston Marked RE53000, RE64170, RE65289, RE70688, RE502656
Tractor: 7710, 7810, 7820, 7920, 8120, 8120T, 8220, 8220T, 8320, 8320T Combine: 9640 Industrial: 330CLC, 370C, 644H, 644J, 724J, 850J



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Quality Parts When YOU Need Them

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