

# JOHN DEERE



ENGINE: 135 Gas (Late)

BORE: 3.8583" 3 Cyl Gas NOTES: Block # T32352; Has O-R Grooves In Block; 7.140" OAL Liners

APPLICATION: Backhoe Loaders: 300B; Crawlers: JD350 After TSN 105997; JD350B; Forklifts: JD380;  
Power Units: JD135G After 162300; Sprayers: 600, 600A, 700, 734 Hi-Cycle After ESN 162300;  
Tractors: 1020 After ESN 162078;  
Wheel Tractors: JD300 After TSN 106068; JD301, 301A; Windrowers: 215A, 880 After ESN 162300;

|  | QTY | ITEM # | DESCRIPTION                                                  | LETTERED ITEMS INCLUDED IN KIT |  |   |  |
|--|-----|--------|--------------------------------------------------------------|--------------------------------|--|---|--|
|  |     |        |                                                              |                                |  |   |  |
|  | 1   | 954117 | In-Frame Kit                                                 |                                |  | I |  |
|  | 1   | 955117 | Out-of-Frame Kit                                             | O                              |  |   |  |
|  | 3   | 151169 | Sleeve & Piston Assembly                                     | O                              |  | I |  |
|  | 3   | 151165 | Piston Assembly                                              |                                |  |   |  |
|  | 3   | 151171 | Liner Assembly                                               |                                |  |   |  |
|  | 3   | 151173 | Liner O-Ring Package                                         |                                |  |   |  |
|  | 3   | 151174 | .002 Liner Shim                                              |                                |  |   |  |
|  | 3   | 151175 | .004 Liner Shim                                              |                                |  |   |  |
|  | 3   | 151177 | Block Repair Sleeve, Lower Liner Pilot Bore (Grooves In Blk) |                                |  |   |  |
|  | 3   | 151168 | Piston Ring Set (2-3/32 1-5MM)                               |                                |  |   |  |
|  | 3   | 251136 | STD Rod Bearing                                              | O                              |  | I |  |
|  | 3   | 251137 | .002 Rod Bearing                                             |                                |  |   |  |
|  | 3   | 251138 | .010 Rod Bearing                                             |                                |  |   |  |
|  | 3   | 251139 | .020 Rod Bearing Set                                         |                                |  |   |  |
|  | 3   | 251141 | .030 Rod Bearing Set                                         |                                |  |   |  |
|  | 1   | 251163 | STD Main Bearing Set                                         | O                              |  | I |  |
|  | 1   | 251164 | .010 Main Bearing Set                                        |                                |  |   |  |
|  | 1   | 251165 | .020 Main Bearing Set                                        |                                |  |   |  |
|  | 1   | 251166 | .030 Main Bearing Set                                        |                                |  |   |  |
|  | 1   | 351174 | Head Gasket Set                                              |                                |  | I |  |
|  | 1   | 351226 | Head Gasket                                                  |                                |  |   |  |
|  | 1   | 351328 | Valve Cover Gasket (Cork)                                    |                                |  |   |  |
|  | 1   | 351148 | Valve Cover Gasket (SEMR)                                    |                                |  |   |  |
|  | 6   | 351161 | Valve Seal (O-Ring)                                          |                                |  |   |  |
|  | 1   | 351227 | Manifold Gasket Set                                          |                                |  |   |  |
|  | 1   | 351262 | Overhaul Gasket Set wo/Seals                                 | O                              |  |   |  |
|  | 1   | 351173 | Full Gasket Set w/Lip Seals                                  |                                |  |   |  |
|  | 1   | 351259 | Crankcase Gasket Set wo/Seals                                |                                |  |   |  |
|  | 1   | 351147 | Lower Gasket Set w/Lip Seals                                 |                                |  |   |  |
|  | 1   | 351126 | Pan Gasket Set, w/Sheet Metal Pan                            |                                |  | I |  |
|  | 1   | 351127 | Pan Gasket Set, w/Cast Iron Pan                              |                                |  |   |  |
|  | 1   | 351128 | Front Crank Seal                                             |                                |  |   |  |
|  | 1   | 351228 | Front Crank Seal Kit (Includes Wear Sleeve)                  |                                |  |   |  |
|  | 1   | 351129 | Rear Crank Seal Kit                                          |                                |  |   |  |
|  | 3   | 251135 | Pin Bushing                                                  |                                |  |   |  |
|  | 6   | 751141 | Rod Bolt                                                     |                                |  |   |  |
|  | 1   | 751146 | Head Bolt Kit w/Washers                                      |                                |  |   |  |

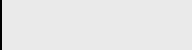
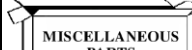
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|                                                                                     | QTY | ITEM # | DESCRIPTION                                             | LETTERED ITEMS INCLUDED IN KIT |   |  |   |   |
|-------------------------------------------------------------------------------------|-----|--------|---------------------------------------------------------|--------------------------------|---|--|---|---|
|    | 1   | 959511 | Camshaft Kit                                            |                                |   |  |   | C |
|    | 1   | 959342 | Basic Valve Kit                                         |                                |   |  | B |   |
|    | 1   | 959142 | Valve Train Kit                                         |                                |   |  | V |   |
|    | 1   | 551134 | Camshaft "Use w/Screw-In Tach Drive"                    |                                |   |  |   | C |
|                                                                                     | 1   | 551112 | Cam Thrust Plate                                        |                                |   |  |   |   |
|                                                                                     | 1   | 551136 | Tach Drive Shaft (Late Screw-In Style)                  |                                |   |  |   |   |
|                                                                                     | 1   | 551146 | Tach Drive Gear (Late Screw-In Style/.541" Gear Length) |                                |   |  |   |   |
|                                                                                     | 1   | 551147 | Tach Drive Gear (Late Screw-In Style/.711" Gear Length) |                                |   |  |   |   |
|    | 6   | 551113 | Tappet                                                  |                                |   |  |   | C |
|    | 3   | 451157 | STD Exhaust Valve (Stellite)                            |                                | V |  | B |   |
|                                                                                     | 3   | 451158 | .003 Exhaust Valve                                      |                                |   |  |   |   |
|                                                                                     | 3   | 451159 | STD Intake Valve                                        |                                | V |  | B |   |
|                                                                                     | 3   | 451161 | .003 Intake Valve                                       |                                |   |  |   |   |
|   | 6   | 401149 | Ex/In Service Repair Valve Guide (.564 OD / 2.750" OAL) |                                |   |  |   |   |
|                                                                                     | 6   | 451115 | Valve Spring                                            |                                | V |  | B |   |
|                                                                                     | 3   | 451162 | Exhaust Rotator                                         |                                | V |  |   |   |
|                                                                                     | 12  | 451164 | Valve Keeper (Half)                                     |                                | V |  | B |   |
|  | 3   | 401151 | Exhaust Seat                                            |                                |   |  |   |   |
|                                                                                     | 3   | 401152 | Intake Seat                                             |                                |   |  |   |   |
|  | 6   | 451124 | Rocker Arm                                              |                                |   |  |   |   |
|                                                                                     | 1   | 451125 | Rocker Arm Shaft                                        |                                |   |  |   |   |
|                                                                                     | 2   | 451165 | Rocker Arm Shaft Plug (.464)                            |                                |   |  |   |   |
|  | 1   | 551137 | Cam Gear                                                |                                |   |  |   |   |
|                                                                                     | 1   | 551138 | Crank Gear                                              |                                |   |  |   |   |
|                                                                                     | 1   | 551166 | Upper Idler Gear                                        |                                |   |  |   |   |
|                                                                                     | 1   | 551142 | Upper Idler Gear Bushing (.840" Wide)                   |                                |   |  |   |   |
|                                                                                     | 1   | 551141 | Lower Idler Gear                                        |                                |   |  |   |   |
|                                                                                     | 1   | 551143 | Lower Idler Gear Bushing (.750" Wide)                   |                                |   |  |   |   |
|                                                                                     | 1   | 551145 | Oil Pump Drive Gear                                     |                                |   |  |   |   |
|                                                                                     | 6   | 551144 | Push Rod                                                |                                |   |  |   |   |
|  | 1   | 651128 | New Oil Pump "May Need 651132 Tube & 651133 Inlet"      |                                |   |  |   |   |
|                                                                                     | 1   | 651129 | Oil Pump Kit, Early w/Original Pump (1.417" Gears)      |                                |   |  |   |   |
|                                                                                     | 1   | 651131 | Oil Pump Kit, Late & Replacement Pump (1.625" Gears)    |                                |   |  |   |   |
|                                                                                     | 1   | 651132 | Oil Pump Outlet Tube, Late & Replacement Pump (2 Bends) |                                |   |  |   |   |
|                                                                                     | 1   | 651133 | Oil Pump Inlet Screen (2 Bolt Mtg Flange)               |                                |   |  |   |   |
|                                                                                     | 1   | 651134 | Oil Pressure Valve Seat                                 |                                |   |  |   |   |
|                                                                                     | 1   | 651135 | Oil Pressure Valve                                      |                                |   |  |   |   |
|                                                                                     | 1   | 651136 | Oil Pressure Valve Spring                               |                                |   |  |   |   |
|  | 2   | 751147 | Plug, External Head                                     |                                |   |  |   |   |
|                                                                                     | 1   | 851169 | Governor Kit: Except Crawlers                           |                                |   |  |   |   |
|                                                                                     | 1   | 851173 | Fuel Pump                                               |                                |   |  |   |   |
|                                                                                     | 1   | 851163 | Thermostat, 180 Degree (1)                              |                                |   |  |   |   |
|                                                                                     | 1   | 851171 | Water Pump Kit (Includes Impeller)                      |                                |   |  |   |   |

(1)For 160 Deg Use 851159; For 192 Deg Use 851172

JD-135-B

2/10/2006

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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