

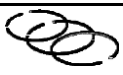
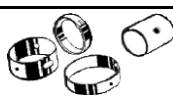
# FORD



ENGINE: 401 Diesel (8/76-12/78)  
BSD666T Turbo

BORE: 4.4007" 6 Cyl Diesel NOTES: Cam Driven Oil Pump, 9/16" Head Bolts, Keystone Ni-Resist Insert, 1.625" Pin

APPLICATION: Tractors: 9700 (8/76-12/78);  
Wheel Loaders: A66 (10/76-12/78);

|                                                                                     | QTY | ITEM # | DESCRIPTION                                    | LETTERED ITEMS INCLUDED IN KIT |   |   |  |
|-------------------------------------------------------------------------------------|-----|--------|------------------------------------------------|--------------------------------|---|---|--|
|    |     |        |                                                |                                |   |   |  |
|                                                                                     | 1   | 964115 | In-Frame Kit                                   |                                |   | I |  |
|                                                                                     |     |        |                                                |                                |   |   |  |
|                                                                                     | 1   | 965115 | Out-of-Frame Kit                               |                                | O |   |  |
|    | 6   | 161168 | STD Piston Kit (Includes Pin & Rings)          |                                | O | I |  |
|                                                                                     | 6   | 161169 | .020 Piston Kit (Includes Pin & Rings)         |                                |   |   |  |
|                                                                                     | 6   | 161171 | .030 Piston Kit (Includes Pin & Rings)         |                                |   |   |  |
|                                                                                     | 6   | 161172 | .040 Piston Kit (Includes Pin & Rings)         |                                |   |   |  |
|                                                                                     | 6   | 161174 | Liner (Flanged / Semi-Finished Bore) (1)       |                                |   |   |  |
|                                                                                     | 6   | 161175 | Liner, Diesel (Flanged / Finished 4.401" Bore) |                                |   |   |  |
|    | 6   | 161146 | STD Ring Set                                   |                                |   |   |  |
|                                                                                     | 6   | 161147 | .020 Ring Set                                  |                                |   |   |  |
|                                                                                     | 6   | 161148 | .030 Ring Set                                  |                                |   |   |  |
|                                                                                     | 6   | 161149 | .040 Ring Set                                  |                                |   |   |  |
|    | 6   | 261149 | STD Rod Bearing                                |                                | O | I |  |
|                                                                                     | 6   | 261151 | .002 Rod Bearing                               |                                |   |   |  |
|                                                                                     | 6   | 261152 | .010 Rod Bearing                               |                                |   |   |  |
|                                                                                     | 6   | 261153 | .020 Rod Bearing                               |                                |   |   |  |
|                                                                                     | 6   | 261154 | .030 Rod Bearing                               |                                |   |   |  |
|                                                                                     | 6   | 261155 | .040 Rod Bearing                               |                                |   |   |  |
|  | 1   | 261143 | STD Main Bearing Set                           |                                | O | I |  |
|                                                                                     | 1   | 261144 | .002 Main Bearing Set                          |                                |   |   |  |
|                                                                                     | 1   | 261145 | .010 Main Bearing Set                          |                                |   |   |  |
|                                                                                     | 1   | 261146 | .020 Main Bearing Set                          |                                |   |   |  |
|                                                                                     | 1   | 261147 | .030 Main Bearing Set                          |                                |   |   |  |
|                                                                                     | 1   | 261148 | .040 Main Bearing Set (2)                      |                                |   |   |  |
|  | 1   | 361135 | Head Gasket Set                                |                                | O | I |  |
|                                                                                     | 1   | 361174 | Head Gasket (.738" Dowel Hole)                 |                                |   |   |  |
|                                                                                     | 1   | 361175 | Valve Cover Gasket (Cork)                      |                                |   |   |  |
|  | 1   | 361138 | Lower Gasket Set w/Seals (Cam Driven Pump)     |                                | O |   |  |
|                                                                                     | 1   | 361145 | Block to Rear Engine Plate Gasket              |                                |   |   |  |
|                                                                                     | 1   | 361173 | Pan Gasket Set                                 |                                |   | I |  |
|  | 1   | 361128 | Front Crank Seal                               |                                |   |   |  |
|                                                                                     | 1   | 361129 | Crank Spacer (Internal Keyway) (3)             |                                |   |   |  |
|                                                                                     | 1   | 361131 | Rear Crank Seal                                |                                |   |   |  |
|                                                                                     | 1   | 301131 | Rear Crank Wear Sleeve (3)                     |                                |   |   |  |
|  | 6   | 261112 | Pin Bushing                                    |                                |   |   |  |
|                                                                                     | 1   | 261133 | Cam Bearing Set                                |                                |   |   |  |
|                                                                                     | 1   | 261182 | .010 Cam Bearing Set                           |                                |   |   |  |
|  | 12  | 761117 | Rod Bolt                                       |                                |   |   |  |
|                                                                                     | 12  | 761118 | Rod Nut                                        |                                |   |   |  |
|                                                                                     | 1   | 761155 | Head Bolt Kit (9/16" Bolts)                    |                                |   |   |  |

(1) Oversize OD Liners Also Available (+.030 -161177) or (+.100-161178)

(2) Use 261158 For Main Set w/.010 OS Thrust

(3) Not in Gasket Set

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# FORD



ENGINE: 401 Diesel (8/76-12/78)  
BSD666T Turbo

|                                                                                |       |        |                                                                                     |
|--------------------------------------------------------------------------------|-------|--------|-------------------------------------------------------------------------------------|
| BORE: 4.4007"                                                                  | 6 Cyl | Diesel | NOTES: Cam Driven Oil Pump, 9/16" Head Bolts, Keystone Ni-Resist Insert, 1.625" Pin |
| APPLICATION: Tractors: 9700 (8/76-12/78);<br>Wheel Loaders: A66 (10/76-12/78); |       |        |                                                                                     |

|  | QTY | ITEM # | DESCRIPTION                                                  | LETTERED ITEMS INCLUDED IN KIT |   |  |  |   |
|--|-----|--------|--------------------------------------------------------------|--------------------------------|---|--|--|---|
|  | 1   | 969519 | Camshaft Kit                                                 |                                |   |  |  | C |
|  |     |        |                                                              |                                |   |  |  |   |
|  |     |        |                                                              |                                |   |  |  |   |
|  | 1   | 969112 | Valve Train Kit                                              |                                | V |  |  |   |
|  | 1   | 561135 | Camshaft                                                     |                                |   |  |  | C |
|  | 12  | 561111 | Tappet                                                       |                                |   |  |  | C |
|  | 6   | 461211 | STD Stellite Exhaust Valve                                   |                                | V |  |  |   |
|  | 6   | 461156 | .003 Stellite Exhaust Valve                                  |                                |   |  |  |   |
|  | 6   | 461157 | .015 Stellite Exhaust Valve                                  |                                |   |  |  |   |
|  | 6   | 461158 | .030 Stellite Exhaust Valve                                  |                                |   |  |  |   |
|  | 6   | 461148 | STD Intake Valve (30 Degree)                                 |                                | V |  |  |   |
|  | 6   | 461149 | .003 Intake Valve (30 Degree)                                |                                |   |  |  |   |
|  | 6   | 461151 | .015 Intake Valve (30 Degree)                                |                                |   |  |  |   |
|  | 6   | 461152 | .030 Intake Valve (30 Degree)                                |                                |   |  |  |   |
|  | 12  | 401141 | Service Repair Valve Guide (Use When Wear Exceeds .030)      |                                |   |  |  |   |
|  | 12  | 461128 | Valve Spring (2.15" Free Length)                             |                                |   |  |  |   |
|  | 6   | 461129 | Valve Rotator                                                |                                |   |  |  |   |
|  | 6   | 461146 | Spring/Retainer Update Kit (Incls Springs, Retainers, Seals) |                                | V |  |  |   |
|  | 24  | 461131 | Valve Keeper (Half)                                          |                                | V |  |  |   |
|  | 6   | 461159 | STD Exhaust Valve Seat                                       |                                |   |  |  |   |
|  | 6   | 461133 | .020 Exhaust Valve Seat                                      |                                |   |  |  |   |
|  | 6   | 461195 | STD Intake Valve Seat (30 Degree)                            |                                |   |  |  |   |
|  | 6   | 461196 | .020 Intake Valve Seat (30 Degree)                           |                                |   |  |  |   |
|  | 6   | 461161 | Exhaust Rocker Arm                                           |                                |   |  |  |   |
|  | 6   | 461162 | Intake Rocker Arm                                            |                                |   |  |  |   |
|  | 1   | 461199 | Rocker Arm Shaft                                             |                                |   |  |  |   |
|  | 1   | 561116 | Cam Gear                                                     |                                |   |  |  |   |
|  | 1   | 561118 | Crank Gear (Internal Keyway)                                 |                                |   |  |  |   |
|  | 1   | 561119 | Idler Gear (4)                                               |                                |   |  |  |   |
|  | 1   | 561122 | Hydraulic Pump Drive Gear (Rear of Cam)                      |                                |   |  |  |   |
|  | 12  | 561115 | Push Rod                                                     |                                |   |  |  |   |
|  | 1   | 661127 | Oil Pump: 9700 (Cam Driven)                                  |                                |   |  |  |   |
|  | 1   | 661128 | Oil Pump: A66 (Cam Driven)                                   |                                |   |  |  |   |
|  | 1   | 661113 | Intermediate Oil Pump Shaft                                  |                                |   |  |  |   |
|  | 1   | 661114 | Oil Pump Drive Gear & Shaft                                  |                                |   |  |  |   |
|  | 1   | 761157 | Crankshaft                                                   |                                |   |  |  |   |
|  | 1   | 761123 | Plug, Rear Cam / Hyd Pump Drive Gear Cover                   |                                |   |  |  |   |
|  | 2   | 761124 | Plug, Oil Galley (.636" OD)                                  |                                |   |  |  |   |
|  | 1   | 861134 | Fuel Pump                                                    |                                |   |  |  |   |
|  | 1   | 861127 | Thermostat (168 Degree)                                      |                                |   |  |  |   |
|  | 1   | 861128 | Thermostat (172 Degree)                                      |                                |   |  |  |   |
|  | 1   | 861129 | Thermostat (180 Degree)                                      |                                |   |  |  |   |
|  | 1   | 861131 | Thermostat (188 Degree)                                      |                                |   |  |  |   |
|  | 1   | 861133 | Single Block Heater Kit (1.500" Dia.Core Hole)               |                                |   |  |  |   |
|  | 1   | 861136 | Dual Block Heater Kit (1.500" Dia.Core Hole)                 |                                |   |  |  |   |

(4) Use 561125 For Bushing Only

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