

# FORD



ENGINE: 175 Diesel (1/65-9/75)  
BSD329

BORE: 4.2007" 3 Cyl Diesel NOTES: 4.2" Stroke, 2.763" Compression Distance

APPLICATION: Tractors: 3000, 3100, 3110, 3120, 3150, 3190, 3300, 3310, 3330, 3500 (1/65-12/74); 3400 (1/65-9/75);

|  | QTY | ITEM # | DESCRIPTION                                           | LETTERED ITEMS INCLUDED IN KIT |   |   |  |
|--|-----|--------|-------------------------------------------------------|--------------------------------|---|---|--|
|  |     |        |                                                       |                                |   |   |  |
|  | 1   | 964145 | In-Frame Kit                                          |                                |   | I |  |
|  |     |        |                                                       |                                |   |   |  |
|  | 1   | 965145 | Out-of-Frame Kit                                      |                                | O |   |  |
|  | 3   | 161119 | STD Piston Kit (Includes Pin & Rings)                 |                                | O | I |  |
|  | 3   | 161121 | .020 Piston Kit (Includes Pin & Rings)                |                                |   |   |  |
|  | 3   | 161122 | .030 Piston Kit (Includes Pin & Rings)                |                                |   |   |  |
|  | 3   | 161123 | .040 Piston Kit (Includes Pin & Rings)                |                                |   |   |  |
|  | 3   | 161173 | Liner (Straight / Semi-Finished Bore)                 |                                |   |   |  |
|  | 3   | 161115 | STD Ring Set                                          |                                |   |   |  |
|  | 3   | 161116 | .020 Ring Set                                         |                                |   |   |  |
|  | 3   | 161117 | .030 Ring Set                                         |                                |   |   |  |
|  | 3   | 161118 | .040 Ring Set                                         |                                |   |   |  |
|  | 3   | 261113 | STD Rod Bearing                                       |                                | O | I |  |
|  | 3   | 261114 | .002 Rod Bearing                                      |                                |   |   |  |
|  | 3   | 261115 | .010 Rod Bearing                                      |                                |   |   |  |
|  | 3   | 261116 | .020 Rod Bearing                                      |                                |   |   |  |
|  | 3   | 261117 | .030 Rod Bearing                                      |                                |   |   |  |
|  | 3   | 261118 | .040 Rod Bearing                                      |                                |   |   |  |
|  | 3   | 261119 | .050 Rod Bearing                                      |                                |   |   |  |
|  | 3   | 261121 | .060 Rod Bearing                                      |                                |   |   |  |
|  | 1   | 261122 | STD Main Bearing Set                                  |                                | O | I |  |
|  | 1   | 261123 | .002 Main Bearing Set                                 |                                |   |   |  |
|  | 1   | 261124 | .010 Main Bearing Set                                 |                                |   |   |  |
|  | 1   | 261125 | .020 Main Bearing Set                                 |                                |   |   |  |
|  | 1   | 261126 | .030 Main Bearing Set                                 |                                |   |   |  |
|  | 1   | 261127 | .040 Main Bearing Set (1)                             |                                |   |   |  |
|  | 1   | 261128 | .050 Main Bearing Set (Includes .010 Oversize Thrust) |                                |   |   |  |
|  | 1   | 261129 | .060 Main Bearing Set (Includes .010 Oversize Thrust) |                                |   |   |  |
|  | 1   | 361112 | Head Gasket Set                                       |                                | O | I |  |
|  | 1   | 361123 | Head Gasket                                           |                                |   |   |  |
|  | 1   | 361125 | Valve Cover Gasket (Cork)                             |                                |   |   |  |
|  | 1   | 361114 | Lower Gasket Set w/Seals                              |                                | O |   |  |
|  | 1   | 361145 | Block to Rear Engine Plate Gasket                     |                                |   |   |  |
|  | 1   | 361127 | Pan Gasket Set (Steel Pan)                            |                                |   | I |  |
|  | 1   | 361146 | Pan Gasket Set (Cast Pan)                             |                                |   |   |  |
|  | 1   | 361128 | Front Crank Seal                                      |                                |   |   |  |
|  | 1   | 361129 | Crank Spacer (2)                                      |                                |   |   |  |
|  | 1   | 361131 | Rear Crank Seal                                       |                                |   |   |  |
|  | 1   | 301131 | Rear Crank Wear Sleeve (2)                            |                                |   |   |  |
|  | 3   | 261111 | Pin Bushing                                           |                                |   |   |  |
|  | 1   | 261131 | Cam Bearing Set                                       |                                |   |   |  |
|  | 1   | 261132 | .010 Cam Bearing Set                                  |                                |   |   |  |
|  | 6   | 761117 | Rod Bolt                                              |                                |   |   |  |
|  | 6   | 761118 | Rod Nut                                               |                                |   |   |  |
|  | 1   | 761119 | Head Bolt Kit w/Washers                               |                                |   |   |  |

(1)Use 261156 For Main Set w/.010 OS Thrust

(2)Not in Gasket Sets

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|                                                                                                                   |       |        |                                                 |
|-------------------------------------------------------------------------------------------------------------------|-------|--------|-------------------------------------------------|
| BORE: 4.2007"                                                                                                     | 3 Cyl | Diesel | NOTES: 4.2" Stroke, 2.763" Compression Distance |
| APPLICATION: Tractors: 3000, 3100, 3110, 3120, 3150, 3190, 3300, 3310, 3330, 3500 (1/65-12/74); 3400 (1/65-9/75); |       |        |                                                 |

|  | QTY | ITEM # | DESCRIPTION                                                  | LETTERED ITEMS INCLUDED IN KIT |   |  |  |   |
|--|-----|--------|--------------------------------------------------------------|--------------------------------|---|--|--|---|
|  | 1   | 969511 | Camshaft Kit, 8/65 & Up                                      |                                |   |  |  | C |
|  |     |        |                                                              |                                |   |  |  |   |
|  |     |        |                                                              |                                |   |  |  |   |
|  | 1   | 969123 | Valve Train Kit                                              |                                | V |  |  |   |
|  | 1   | 561112 | Camshaft                                                     |                                |   |  |  | C |
|  | 6   | 561113 | Tappet, 1/65-8/65 (Can Upgrade to Late Tappet & Push Rod)    |                                |   |  |  |   |
|  | 6   | 561111 | Tappet, 8/65 & Up (2.060" OAL)                               |                                |   |  |  | C |
|  | 3   | 461111 | STD Exhaust Valve                                            |                                | V |  |  |   |
|  | 3   | 461112 | .003 Exhaust Valve                                           |                                |   |  |  |   |
|  | 3   | 461113 | .015 Exhaust Valve                                           |                                |   |  |  |   |
|  | 3   | 461114 | .030 Exhaust Valve                                           |                                |   |  |  |   |
|  | 3   | 461115 | STD Intake Valve                                             |                                | V |  |  |   |
|  | 3   | 461116 | .003 Intake Valve                                            |                                |   |  |  |   |
|  | 3   | 461117 | .015 Intake Valve                                            |                                |   |  |  |   |
|  | 3   | 461118 | .030 Intake Valve                                            |                                |   |  |  |   |
|  | 6   | 401141 | Service Repair Valve Guide (Use When Wear Exceeds .030)      |                                |   |  |  |   |
|  | 6   | 461128 | Valve Spring (2.15" Free Length)                             |                                |   |  |  |   |
|  | 3   | 461146 | Spring/Retainer Update Kit (Incls Springs, Retainers, Seals) |                                | V |  |  |   |
|  | 12  | 461131 | Valve Keeper (Half)                                          |                                | V |  |  |   |
|  | 3   | 461132 | STD Exhaust Valve Seat                                       |                                |   |  |  |   |
|  | 3   | 461133 | .020 Exhaust Valve Seat                                      |                                |   |  |  |   |
|  | 3   | 461134 | STD Intake Valve Seat                                        |                                |   |  |  |   |
|  | 3   | 461135 | .020 Intake Valve Seat                                       |                                |   |  |  |   |
|  | 3   | 461141 | Exhaust Rocker Arm                                           |                                |   |  |  |   |
|  | 3   | 461142 | Intake Rocker Arm                                            |                                |   |  |  |   |
|  | 1   | 461143 | Rocker Arm Shaft                                             |                                |   |  |  |   |
|  | 3   | 461145 | Rocker Arm Locating Spring                                   |                                |   |  |  |   |
|  | 1   | 561116 | Cam Gear                                                     |                                |   |  |  |   |
|  | 1   | 561118 | Crank Gear                                                   |                                |   |  |  |   |
|  | 1   | 561119 | Idler Gear (3)                                               |                                |   |  |  |   |
|  | 1   | 561122 | Hydraulic Pump Drive Gear (Rear of Cam)                      |                                |   |  |  |   |
|  | 6   | 561114 | Push Rod, 1/65-8/65 (10.675" OAL)                            |                                |   |  |  |   |
|  | 6   | 561115 | Push Rod, 8/65 & Up (12.170" OAL)                            |                                |   |  |  |   |
|  | 1   | 661112 | Oil Pump (Intermediate Shaft & Drv Gear Required Thru 3/68)  |                                |   |  |  |   |
|  | 1   | 661113 | Intermediate Oil Pump Shaft                                  |                                |   |  |  |   |
|  | 1   | 661114 | Oil Pump Drive Gear & Shaft                                  |                                |   |  |  |   |
|  | 1   | 761111 | Crankshaft (4.2" Stroke)                                     |                                |   |  |  |   |
|  | 1   | 761123 | Plug, Rear Cam / Hyd Pump Drive Gear Cover                   |                                |   |  |  |   |
|  | 2   | 761124 | Plug, Oil Galley (.636" OD)                                  |                                |   |  |  |   |
|  | 1   | 861127 | Thermostat (168 Degree)                                      |                                |   |  |  |   |
|  | 1   | 861128 | Thermostat (172 Degree)                                      |                                |   |  |  |   |
|  | 1   | 861129 | Thermostat (180 Degree)                                      |                                |   |  |  |   |
|  | 1   | 861131 | Thermostat (188 Degree)                                      |                                |   |  |  |   |
|  | 1   | 861132 | Block Heater, 7/68-12/70 (1.750" Dia.Core Hole)              |                                |   |  |  |   |
|  | 1   | 861133 | Block Heater, 1/71-UP (1.500" Dia.Core Hole)                 |                                |   |  |  |   |

(3)Use 561125 For Bushing Only

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