

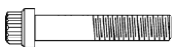
# FORD



ENGINE: 304 Diesel (11/91-UP)  
5.0L NA (Non-Emissionised)

BORE: 4.4007" 4 Cyl Diesel NOTES: Natural Aspirated, Non-Emissionised, 5.0" Stroke, 1.500" Piston Pin

APPLICATION: Tractors: 655E (1/96-12/97); 6610S (1/94-TSN 359817M); 6640 (11/91-12/96);  
Windrowers: 2450 (1/93-UP Non-Emissionised); HW300 (1/98-UP);

|                                                                                     | QTY | ITEM # | DESCRIPTION                                   | LETTERED ITEMS INCLUDED IN KIT |   |   |   |  |
|-------------------------------------------------------------------------------------|-----|--------|-----------------------------------------------|--------------------------------|---|---|---|--|
|    |     |        |                                               |                                |   |   |   |  |
|                                                                                     | 1   | 964199 | In-Frame Kit: 6610S, 6640 Tractors            |                                |   |   | I |  |
|                                                                                     | 1   | 964211 | In-Frame Kit: 655E Tractor                    |                                |   |   | I |  |
|                                                                                     | 1   | 965199 | Out-of-Frame Kit: 6610S, 6640 Tractors        |                                | O |   |   |  |
|                                                                                     | 1   | 965211 | Out-of-Frame Kit: 655E Tractor                |                                | O |   |   |  |
|    | 4   | 161259 | STD Piston Kit (Includes Pin & Rings)         | O                              | O | I | I |  |
|                                                                                     | 4   | 161261 | .020 Piston Kit (Includes Pin & Rings)        |                                |   |   |   |  |
|                                                                                     | 4   | 161262 | .030 Piston Kit (Includes Pin & Rings)        |                                |   |   |   |  |
|                                                                                     | 4   | 161263 | .040 Piston Kit (Includes Pin & Rings)        |                                |   |   |   |  |
|                                                                                     | 4   | 161273 | Liner (Semi-Finished Bore)                    |                                |   |   |   |  |
|    | 4   | 161264 | STD Ring Set                                  |                                |   |   |   |  |
|                                                                                     | 4   | 161265 | .020 Ring Set                                 |                                |   |   |   |  |
|                                                                                     | 4   | 161266 | .030 Ring Set                                 |                                |   |   |   |  |
|                                                                                     | 4   | 161267 | .040 Ring Set                                 |                                |   |   |   |  |
|    | 4   | 261162 | STD Rod Bearing                               | O                              | O | I | I |  |
|                                                                                     | 4   | 261163 | .002 Rod Bearing                              |                                |   |   |   |  |
|                                                                                     | 4   | 261164 | .010 Rod Bearing                              |                                |   |   |   |  |
|                                                                                     | 4   | 261165 | .020 Rod Bearing                              |                                |   |   |   |  |
|                                                                                     | 4   | 261166 | .030 Rod Bearing                              |                                |   |   |   |  |
|                                                                                     | 4   | 261167 | .040 Rod Bearing                              |                                |   |   |   |  |
|  | 1   | 261183 | STD Main Bearing Set                          | O                              | O | I | I |  |
|                                                                                     | 1   | 261184 | .002 Main Bearing Set                         |                                |   |   |   |  |
|                                                                                     | 1   | 261185 | .010 Main Bearing Set                         |                                |   |   |   |  |
|                                                                                     | 1   | 261186 | .020 Main Bearing Set                         |                                |   |   |   |  |
|                                                                                     | 1   | 261187 | .030 Main Bearing Set                         |                                |   |   |   |  |
|                                                                                     | 1   | 261188 | .040 Main Bearing Set                         |                                |   |   |   |  |
|  | 1   | 361147 | Head Gasket Set: 2450, 6610S, 6640, HW300     |                                | O |   | I |  |
|                                                                                     | 1   | 361151 | Head Gasket Set: 655E                         | O                              |   | I |   |  |
|                                                                                     | 1   | 361117 | Head Gasket                                   |                                |   |   |   |  |
|                                                                                     | 1   | 361155 | Valve Cover Gasket (Steel Edge Molded Rubber) |                                |   |   |   |  |
|  | 1   | 361148 | Lower Gasket Set w/Seals: 6610S, 6640         |                                | O |   |   |  |
|                                                                                     | 1   | 361152 | Lower Gasket Set w/Seals: 655E, 2450, HW300   | O                              |   |   |   |  |
|                                                                                     | 1   | 361149 | Rear Seal Retainer Gasket                     |                                |   |   |   |  |
|                                                                                     | 1   | 361153 | Pan Gasket Set: 6610S, 6640 (Cast Pan)        |                                |   |   | I |  |
|                                                                                     | 1   | 361154 | Pan Gasket Set: 655E, 2450, HW300 (Steel Pan) |                                |   | I |   |  |
|  | 1   | 361128 | Front Crank Seal                              |                                |   |   |   |  |
|                                                                                     | 1   | 361144 | Crank Spacer (1)                              |                                |   |   |   |  |
|                                                                                     | 1   | 361131 | Rear Crank Seal                               |                                |   |   |   |  |
|                                                                                     | 1   | 301131 | Rear Crank Wear Sleeve (1)                    |                                |   |   |   |  |
|  | 4   | 261159 | Pin Bushing                                   |                                |   |   |   |  |
|                                                                                     | 1   | 261133 | Cam Bearing Set                               |                                |   |   |   |  |
|                                                                                     | 1   | 261182 | .010 Cam Bearing Set                          |                                |   |   |   |  |
|  | 8   | 761127 | Rod Capscrew, Late                            |                                |   |   |   |  |
|                                                                                     | 1   | 761129 | Head Bolt Kit (9/16" Bolts)                   |                                |   |   |   |  |

(1)Not in Gasket Sets

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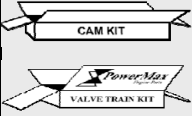
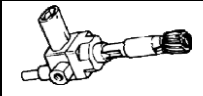
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|                                                                                     | QTY | ITEM # | DESCRIPTION                                             | LETTERED ITEMS INCLUDED IN KIT |   |  |  |   |
|-------------------------------------------------------------------------------------|-----|--------|---------------------------------------------------------|--------------------------------|---|--|--|---|
|    | 1   | 969514 | Camshaft Kit                                            |                                |   |  |  | C |
|                                                                                     |     |        |                                                         |                                |   |  |  |   |
|                                                                                     |     |        |                                                         |                                |   |  |  |   |
|                                                                                     | 1   | 969129 | Valve Train Kit                                         |                                | V |  |  |   |
|    | 1   | 561128 | Camshaft                                                |                                |   |  |  | C |
|    | 8   | 561111 | Tappet                                                  |                                |   |  |  | C |
|    | 4   | 461174 | STD Exhaust Valve                                       |                                | V |  |  |   |
|                                                                                     | 4   | 461175 | .015 Exhaust Valve                                      |                                |   |  |  |   |
|                                                                                     | 4   | 461176 | .030 Exhaust Valve                                      |                                |   |  |  |   |
|                                                                                     | 4   | 461177 | STD Intake Valve                                        |                                | V |  |  |   |
|                                                                                     | 4   | 461178 | .015 Intake Valve                                       |                                |   |  |  |   |
|                                                                                     | 4   | 461179 | .030 Intake Valve                                       |                                |   |  |  |   |
|    | 8   | 401141 | Service Repair Valve Guide (Use When Wear Exceeds .030) |                                |   |  |  |   |
|                                                                                     | 8   | 461147 | Valve Spring (2.39" Free Length)                        |                                |   |  |  |   |
|                                                                                     | 4   | 461146 | Spring/Retainer Kit (Incls Springs, Retainers, Seals)   |                                | V |  |  |   |
|                                                                                     | 16  | 461131 | Valve Keeper (Half)                                     |                                | V |  |  |   |
|  | 4   | 461169 | STD Exhaust Valve Seat                                  |                                |   |  |  |   |
|                                                                                     | 4   | 461171 | .020 Exhaust Valve Seat                                 |                                |   |  |  |   |
|                                                                                     | 4   | 461172 | STD Intake Valve Seat                                   |                                |   |  |  |   |
|                                                                                     | 4   | 461173 | .020 Intake Valve Seat                                  |                                |   |  |  |   |
|  | 4   | 461141 | Exhaust Rocker Arm                                      |                                |   |  |  |   |
|                                                                                     | 4   | 461142 | Intake Rocker Arm                                       |                                |   |  |  |   |
|                                                                                     | 1   | 461181 | Rocker Arm Shaft                                        |                                |   |  |  |   |
|                                                                                     | 4   | 461145 | Rocker Arm Locating Spring                              |                                |   |  |  |   |
|  | 1   | 561117 | Cam Gear                                                |                                |   |  |  |   |
|                                                                                     | 1   | 561126 | Crank Gear                                              |                                |   |  |  |   |
|                                                                                     | 1   | 561121 | Idler Gear (2)                                          |                                |   |  |  |   |
|                                                                                     | 1   | 561122 | Hydraulic Pump Drive Gear (Rear of Cam)                 |                                |   |  |  |   |
|                                                                                     | 8   | 561129 | Push Rod                                                |                                |   |  |  |   |
|  | 1   | 661117 | Oil Pump                                                |                                |   |  |  |   |
|                                                                                     | 1   | 661118 | Oil Pump Rotor & Shaft Assembly                         |                                |   |  |  |   |
|                                                                                     | 4   | 661119 | Piston Cooling Oil Jet                                  |                                |   |  |  |   |
|                                                                                     | 1   | 661116 | Oil Cooler                                              |                                |   |  |  |   |
|  | 1   | 761131 | Crankshaft                                              |                                |   |  |  |   |
|                                                                                     | 1   | 761134 | Crankshaft Balancer Drive Gear                          |                                |   |  |  |   |
|                                                                                     | 1   | 761125 | Plug, Oil Galley (.824" OD)                             |                                |   |  |  |   |
|                                                                                     | 1   | 761132 | Balancer Overhaul Kit (Gears, Shafts, Washers, Pins)    |                                |   |  |  |   |
|                                                                                     | 1   | 761133 | Balancer Assembly                                       |                                |   |  |  |   |
|                                                                                     | 1   | 861135 | Thermostat                                              |                                |   |  |  |   |
|                                                                                     | 1   | 861133 | Block Heater (1.500" Dia.Core Hole)                     |                                |   |  |  |   |

(2)Use 561125 For Bushing Only

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