

# CATERPILLAR

ENGINE: 3054C



|                                                            |       |        |                                                         |
|------------------------------------------------------------|-------|--------|---------------------------------------------------------|
| BORE: 4.1343"                                              | 4 Cyl | Diesel | Notes: Turbocharged, Stressed Block, LH Auxiliary Drive |
| APPLICATION: Industrial Engines: 334 (296-0885, 296-0886); |       |        |                                                         |
| Provide Engine Serial & Arrangement Number                 |       |        |                                                         |

|  | QTY | ITEM # | DESCRIPTION                                           | LETTERED ITEMS INCLUDED IN KIT |   |   |   |   |
|--|-----|--------|-------------------------------------------------------|--------------------------------|---|---|---|---|
|  | 1   | 974453 | In-Frame Kit                                          |                                |   |   |   | I |
|  | 1   | 975453 | Out-of-Frame Kit                                      |                                |   | O |   |   |
|  | 1   | 976453 | Major Kit                                             |                                |   |   | M |   |
|  | 1   | 977453 | Premium Kit (979144 Valve Train Kit Included)         |                                | P |   |   |   |
|  |     |        |                                                       |                                |   |   |   |   |
|  | 4   | 171492 | STD Piston Kit                                        |                                | P | M | O | I |
|  | 4   | 171493 | 0.50 MM Piston Kit                                    |                                |   |   |   |   |
|  | 4   | 171494 | 1.00 MM Piston Kit                                    |                                |   |   |   |   |
|  | 4   | 171495 | STD Piston Ring Set (1-3.4MM Key 1-2.5MM 1-3.5MM)     |                                |   |   |   |   |
|  | 4   | 171496 | 0.50 MM Piston Ring Set (1-3.4MM Key 1-2.5MM 1-3.5MM) |                                |   |   |   |   |
|  | 4   | 171497 | 1.00 MM Piston Ring Set (1-3.4MM Key 1-2.5MM 1-3.5MM) |                                |   |   |   |   |
|  | 4   | 271285 | STD Rod Bearing (No Locating Tangs)                   |                                | P | M | O | I |
|  | 4   | 271286 | .010 Rod Bearing (No Locating Tangs)                  |                                |   |   |   |   |
|  | 4   | 271287 | .020 Rod Bearing (No Locating Tangs)                  |                                |   |   |   |   |
|  | 4   | 271288 | .030 Rod Bearing (No Locating Tangs)                  |                                |   |   |   |   |
|  | 1   | 271291 | STD Main Set, wo/Thrust Washers                       |                                | P | M | O | I |
|  | 1   | 271292 | .010 Main Set, wo/Thrust Washers                      |                                |   |   |   |   |
|  | 1   | 271293 | .020 Main Set, wo/Thrust Washers                      |                                |   |   |   |   |
|  | 1   | 271294 | .030 Main Set, wo/Thrust Washers                      |                                |   |   |   |   |
|  | 1   | 271119 | STD Thrust Washer Set (Offset Lug)                    |                                | P | M | O | I |
|  | 1   | 271125 | .007 Thrust Washer Set (Offset Lug)                   |                                |   |   |   |   |
|  | 1   | 271126 | .010 Thrust Washer Set (Offset Lug)                   |                                |   |   |   |   |
|  | 1   | 371331 | Head Gasket Set                                       |                                | P | M | O | I |
|  | 1   | 371332 | Head Gasket                                           |                                |   |   |   |   |
|  | 1   | 371335 | Valve Cover Gasket                                    |                                |   |   |   |   |
|  | 4   | 371336 | Exhaust Valve Seal (Brown Top Hat Type)               |                                |   |   |   |   |
|  | 4   | 371337 | Intake Valve Seal (Green Top Hat Type)                |                                |   |   |   |   |
|  | 1   | 371349 | Lower Gasket Set wo/Seals                             |                                | P | M | O |   |
|  | 1   | 371347 | Timing Cover Gasket                                   |                                |   |   |   |   |
|  | 1   | 371341 | Pan Gasket (Ag Pan / Has Ears)                        |                                |   |   |   | I |
|  | 1   | 371146 | Front Crank Seal (Viton Lip Type) (1)                 |                                | P | M | O |   |
|  | 1   | 371342 | Rear Crank Seal & Housing Assembly (Teflon Type)      |                                | P | M | O |   |
|  | 4   | 271289 | Pin Bushing (1.563" Pin)                              |                                | P | M |   |   |
|  | 1   | 271259 | Cam Bearing (Finished ID)                             |                                | P | M |   |   |
|  | 8   | 771323 | Conn Rod Capscrew (7/16 x 2.580 12Pt)                 |                                | P | M |   |   |
|  | 1   | 771324 | Head Bolt Kit                                         |                                |   |   |   |   |
|  | 1   | 771325 | Expansion Plug Kit (9 Plugs)                          |                                |   |   |   |   |

(1)Wear Sleeve - 301115

X-CAT-269-14

8/1/2009

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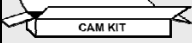
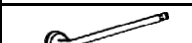
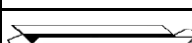
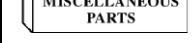
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BORE: 4.1343" 4 Cyl Diesel Notes: Turbocharged, Stressed Block, LH Auxiliary Drive

APPLICATION: Industrial Engines: 334 (296-0885, 296-0886);

Provide Engine Serial  
& Arrangement Number

|                                                                                     | QTY | ITEM # | DESCRIPTION                                             | LETTERED ITEMS INCLUDED IN KIT |  |   |  |
|-------------------------------------------------------------------------------------|-----|--------|---------------------------------------------------------|--------------------------------|--|---|--|
|    |     |        |                                                         |                                |  |   |  |
|    | 1   | 979144 | Valve Train Kit                                         |                                |  | V |  |
|    | 1   | 571197 | Camshaft                                                |                                |  |   |  |
|    | 8   | 571123 | Tappet                                                  |                                |  |   |  |
|    | 4   | 471235 | Exhaust Valve                                           |                                |  | V |  |
|    | 4   | 471236 | Intake Valve                                            |                                |  | V |  |
|    | 8   | 471237 | Valve Guide                                             |                                |  | V |  |
|    | 8   | 471238 | Valve Spring                                            |                                |  | V |  |
|    | 8   | 471239 | Valve Spring Retainer                                   |                                |  | V |  |
|   | 16  | 471241 | Keeper (Half)                                           |                                |  | V |  |
|  | 4   | 471242 | Exhaust Seat                                            |                                |  |   |  |
|  | 4   | 471243 | Intake Seat                                             |                                |  |   |  |
|  | 4   | 471244 | LH Rocker Arm (Adj Screw & Lock Nut Included) (4)       |                                |  |   |  |
|  | 4   | 471245 | RH Rocker Arm (Adj Screw & Lock Nut Included) (4)       |                                |  |   |  |
|  | 1   | 471246 | Rocker Arm Shaft (5) "Includes 471247 Plugs"            |                                |  |   |  |
|  | 1   | 571196 | Cam Gear                                                |                                |  |   |  |
|  | 1   | 571189 | Crank Gear                                              |                                |  |   |  |
|  | 1   | 571191 | Idle Gear Asb: Bearing Style                            |                                |  |   |  |
|  | 1   | 571193 | Idle Gear: Bushing Style                                |                                |  |   |  |
|  | 8   | 571117 | Push Rod                                                |                                |  |   |  |
|  | 1   | 671159 | Oil Pump Gerotor Set                                    |                                |  |   |  |
|  | 1   | 671161 | Oil Pump Drive Gear                                     |                                |  |   |  |
|  | 1   | 671162 | Pressure Relief Valve Assembly                          |                                |  |   |  |
|  | 4   | 671163 | Piston Cooling Oil Jet                                  |                                |  |   |  |
|  | 1   | 671166 | Oil Cooler                                              |                                |  |   |  |
|  | 1   | 771327 | Crankshaft Kit                                          |                                |  |   |  |
|                                                                                     | 4   | 771331 | Conn Rod (6.5247-6.5260 / Grade F / Red Mark)           |                                |  |   |  |
|                                                                                     | 4   | 771332 | Conn Rod (6.5229-6.5242 / Grade G / Orange Mark)        |                                |  |   |  |
|                                                                                     | 4   | 771333 | Conn Rod (6.5211-6.5224 / Grade H / White Mark)         |                                |  |   |  |
|                                                                                     | 4   | 771334 | Conn Rod (6.5193-6.5206 / Grade J / Green Mark)         |                                |  |   |  |
|                                                                                     | 4   | 771335 | Conn Rod (6.5175-6.5188 / Grade K / Purple Mark)        |                                |  |   |  |
|                                                                                     | 4   | 771336 | Conn Rod (6.5157-6.5170 / Grade L / Blue Mark)          |                                |  |   |  |
|                                                                                     | 1   | 771326 | Balancer Assembly (Includes Oil Pump)                   |                                |  |   |  |
|                                                                                     | 4   | 871237 | Glow Plug (12V)                                         |                                |  |   |  |
|                                                                                     | 1   | 871239 | Water Outlet/Thermostat Assembly (Vertical Outlet)      |                                |  |   |  |
|                                                                                     | 1   | 871241 | Water Outlet/Thermostat Assembly (Horizontal RH Outlet) |                                |  |   |  |
|                                                                                     | 1   | 871238 | Water Outlet/Thermostat Assembly (Horizontal LH Outlet) |                                |  |   |  |
|                                                                                     | 1   | 871243 | Water Pump (8)                                          |                                |  |   |  |

(4)Adjusting Screw-471226 / Lock Nut - 571139

(5)Rocker Arm Shaft Snap Ring - 471248

(8)Repair Kit - 871244

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