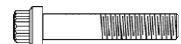


# CONTINENTAL



ENGINE: Z134

|                                                                                                                                                                                |       |          |                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------|-----------------------------------|
| BORE: 3.3125"                                                                                                                                                                  | 4 Cyl | Gas / LP | NOTES: Flanged Center Thrust Main |
| APPLICATION: Industrial Tractors: 202, 204, 2135, 2200 Massey Ferguson; Tractors: MH50 Massey Harris; Tractors: F40, TO35, TO40 Ferguson; 35, 50, 135 Special Massey Ferguson; |       |          |                                   |

|                                                                                     | QTY | ITEM # | DESCRIPTION                                               | LETTERED ITEMS INCLUDED IN KIT |   |   |  |
|-------------------------------------------------------------------------------------|-----|--------|-----------------------------------------------------------|--------------------------------|---|---|--|
|    |     |        |                                                           |                                |   |   |  |
|                                                                                     | 1   | 984112 | In-Frame Kit, 3.375" Overbore                             |                                |   | I |  |
|                                                                                     | 1   | 985112 | Out-of-Frame Kit, 3.375" Overbore                         |                                | O |   |  |
|                                                                                     |     |        |                                                           |                                |   |   |  |
|    | 4   | 181227 | Sleeve & Piston Kit, 3.375" Overbore                      |                                | O | I |  |
|                                                                                     | 4   | 181228 | Piston Assembly, 3.375" Overbore                          |                                |   |   |  |
|                                                                                     | 4   | 181229 | Cylinder Liner (Includes O-Rings)                         |                                |   |   |  |
|                                                                                     | 4   | 181225 | Cylinder Liner O-Ring Package                             |                                |   |   |  |
|    | 1   | 181231 | Piston Ring Set, STD 3.3125" Bore (3-1/8 1-3/16)          |                                |   |   |  |
|                                                                                     | 1   | 101116 | Piston Ring Set, 3.375" Overbore (3-3/32 1-3/16)          |                                |   |   |  |
|                                                                                     | 1   | 181226 | Piston Ring Set, 3.375" Overbore (3-1/8 1-3/16)           |                                |   |   |  |
|                                                                                     | 1   | 101117 | Piston Ring Set, 3.375" Overbore (1-3/32 2-1/8 1-1/4)     |                                |   |   |  |
|    | 4   | 281268 | STD Rod Bearing                                           |                                | O | I |  |
|                                                                                     | 4   | 281269 | .002 Rod Bearing                                          |                                |   |   |  |
|                                                                                     | 4   | 281271 | .010 Rod Bearing                                          |                                |   |   |  |
|                                                                                     | 4   | 281272 | .020 Rod Bearing                                          |                                |   |   |  |
|                                                                                     | 4   | 281273 | .030 Rod Bearing                                          |                                |   |   |  |
|                                                                                     | 4   | 281274 | .040 Rod Bearing                                          |                                |   |   |  |
|                                                                                     | 4   | 281275 | .060 Rod Bearing                                          |                                |   |   |  |
|  | 1   | 281276 | STD Main Bearing Set                                      |                                | O | I |  |
|                                                                                     | 1   | 281277 | .010 Main Bearing Set                                     |                                |   |   |  |
|                                                                                     | 1   | 281278 | .020 Main Bearing Set                                     |                                |   |   |  |
|                                                                                     | 1   | 281279 | .030 Main Bearing Set                                     |                                |   |   |  |
|                                                                                     | 1   | 281281 | .040 Main Bearing Set                                     |                                |   |   |  |
|                                                                                     | 1   | 281282 | .060 Main Bearing Set                                     |                                |   |   |  |
|  | 1   | 381249 | Head Gasket Set (1)                                       |                                |   | I |  |
|                                                                                     | 1   | 381252 | Valve Cover Gasket Kit (Incls Vent Gasket & Stud Washers) |                                |   |   |  |
|                                                                                     | 1   | 381253 | Manifold Gasket                                           |                                |   |   |  |
|                                                                                     | 4   | 381254 | Intake Valve Seal                                         |                                |   |   |  |
|  | 1   | 381255 | Full Gasket Set w/Seals                                   |                                | O |   |  |
|                                                                                     | 1   | 381256 | Block Gasket Set w/Seals                                  |                                |   |   |  |
|                                                                                     | 1   | 381257 | Timing Cover Gasket                                       |                                |   |   |  |
|                                                                                     | 1   | 381258 | Pan Gasket                                                |                                |   | I |  |
|                                                                                     | 1   | 381259 | Main Cap Packing "RTV Sealer Is Recommended Upgrade"      |                                |   | I |  |
|  | 1   | 381261 | Front Crank Seal                                          |                                |   |   |  |
|                                                                                     | 1   | 301123 | Front Wear Sleeve                                         |                                |   |   |  |
|                                                                                     | 1   | 381262 | Rear Crank Seal                                           |                                |   |   |  |
|                                                                                     | 1   | 301134 | Rear Wear Sleeve                                          |                                |   |   |  |
|                                                                                     | 1   | 381263 | Rear Seal Housing Gasket                                  |                                |   | I |  |
|                                                                                     | 1   | 381264 | Rear Crank Seal Kit(Incls Seal, Hsg Gasket & Cap Packing) |                                |   |   |  |
|                                                                                     | 1   | 381265 | Crk Seal Kit (Front Seal & Felt + Rear Seal & Hsg Gasket) |                                |   |   |  |
|  | 4   | 281283 | Pin Bushing (Split Bushing)                               |                                |   |   |  |
|                                                                                     | 4   | 281286 | Pin Bushing (Full Round Bushing)                          |                                |   |   |  |
|                                                                                     | 4   | 281284 | Oversize Pin Bushing (Full Round .0055" Oversize OD)      |                                |   |   |  |
|                                                                                     | 1   | 281285 | Cam Bearing Set (Requires Block Machining)                |                                |   |   |  |
|                                                                                     |     |        |                                                           |                                |   |   |  |
|  | 8   | 781172 | Rod Bolt                                                  |                                |   |   |  |
|                                                                                     | 8   | 781173 | Rod Bolt Lock                                             |                                |   |   |  |

(1)For Head Gasket Use 381251

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# CONTINENTAL



ENGINE: Z134

|                                                                                                                                                                                |       |          |                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------|-----------------------------------|
| BORE: 3.3125"                                                                                                                                                                  | 4 Cyl | Gas / LP | NOTES: Flanged Center Thrust Main |
| APPLICATION: Industrial Tractors: 202, 204, 2135, 2200 Massey Ferguson; Tractors: MH50 Massey Harris; Tractors: F40, TO35, TO40 Ferguson; 35, 50, 135 Special Massey Ferguson; |       |          |                                   |

|  | QTY | ITEM # | DESCRIPTION                                                 | LETTERED ITEMS INCLUDED IN KIT |   |  |   |   |
|--|-----|--------|-------------------------------------------------------------|--------------------------------|---|--|---|---|
|  |     |        |                                                             |                                |   |  |   |   |
|  | 1   | 989311 | Basic Valve Kit, Gasoline                                   |                                |   |  |   | B |
|  | 1   | 989111 | Valve Train Kit, Gasoline                                   |                                |   |  | V |   |
|  | 1   | 581186 | Camshaft                                                    |                                |   |  |   |   |
|  | 1   | 581164 | Cam Thrust Plate                                            |                                |   |  |   |   |
|  | 1   | 581185 | Camshaft Nut                                                |                                |   |  |   |   |
|  | 1   | 591125 | Cam Key (5/32" x 5/8")                                      |                                |   |  |   |   |
|  | 8   | 581165 | Tappet                                                      |                                |   |  |   |   |
|  | 4   | 481183 | Exhaust Valve, Gasoline (Use w/Positive Rotator)            |                                | V |  |   | B |
|  | 4   | 481165 | Exhaust Valve, LP & Optional HD Gasoline (Stellite)         |                                | V |  |   | B |
|  | 4   | 481185 | Exhaust Valve, Optional (Free Rotating Type)                |                                |   |  |   |   |
|  | 4   | 481184 | Intake Valve (1.278" Hd Dia w/Hole For Pin Lock)            |                                | V |  |   | B |
|  | 8   | 481167 | Valve Guide                                                 |                                | V |  |   | B |
|  | 8   | 481168 | Valve Spring                                                |                                | V |  |   | B |
|  | 4   | 481169 | Exhaust Valve Rotator, Gasoline                             |                                | V |  |   |   |
|  | 8   | 481171 | Exhaust Valve Taper Lock Keeper (Half)                      |                                | V |  |   | B |
|  | 4   | 481172 | Intake Valve Pin Type Lock                                  |                                | V |  |   | B |
|  | 1   | 481173 | Exhaust Valve Wear Pad Kit(For Valves w/ Pivot Hole In Tip) |                                |   |  |   |   |
|  | 1   | 481174 | Intake Valve Stem Cap Kit                                   |                                |   |  |   |   |
|  | 1   | 481175 | Intake Valve Spring Retainer Kit                            |                                |   |  |   |   |
|  | 4   | 401129 | Exhaust Valve Seat (1.000" x 1.250" x .219")                |                                |   |  |   |   |
|  | 4   | 401143 | Intake Valve Seat (1.125 x 1.375" x .187")                  |                                |   |  |   |   |
|  | 4   | 481176 | LH Rocker Arm                                               |                                |   |  |   |   |
|  | 4   | 481177 | RH Rocker Arm                                               |                                |   |  |   |   |
|  | 8   | 481178 | Rocker Arm Adjusting Screw                                  |                                |   |  |   |   |
|  | 1   | 481179 | Rocker Arm Bushing Set                                      |                                |   |  |   |   |
|  | 1   | 481181 | Rocker Arm Shaft                                            |                                |   |  |   |   |
|  | 1   | 481182 | Rocker Arm Shaft Spring Set: Except TO35 (3 Long,2 Short)   |                                |   |  |   |   |
|  | 1   | 581172 | Cam Gear (2)                                                |                                |   |  |   |   |
|  | 1   | 581175 | Crank Gear (3)                                              |                                |   |  |   |   |
|  | 1   | 581183 | Gear Set (Cam & Crank)                                      |                                |   |  |   |   |
|  | 8   | 581184 | Push Rod                                                    |                                |   |  |   |   |
|  | 1   | 681125 | Oil Pump Package (Partial Assembly Required)                |                                |   |  |   |   |
|  | 1   | 681126 | Oil Pump Shim                                               |                                |   |  |   |   |
|  | 1   | 681127 | Oil Pump Kit (3 Gears, Shaft, Bushings, Valve, Spring, Gkt) |                                |   |  |   |   |
|  | 1   | 781121 | Crankshaft                                                  |                                |   |  |   |   |
|  | 1   | 791123 | Plug, Cam (2 1/8")                                          |                                |   |  |   |   |
|  | 1   | 711162 | Plug, Block (1" Cup)                                        |                                |   |  |   |   |
|  | 1   | 881151 | Governor Assembly (Weight Unit, Cup & Shaft)                |                                |   |  |   |   |
|  | 1   | 881152 | Governor Control Shaft Kit (2 Bearings, Seal, Felt)         |                                |   |  |   |   |
|  | 1   | 881153 | Thermostat (160 Degree)                                     |                                |   |  |   |   |
|  | 1   | 881154 | New Water Pump                                              |                                |   |  |   |   |
|  | 1   | 881155 | Water Pump Pulley: Except MF50, MH50                        |                                |   |  |   |   |
|  | 1   | 881157 | Water Pump Pulley: MF50, MH50                               |                                |   |  |   |   |

(2)Other Sizes Available: 581167 -.002 / 581168 -.001 / 581169 +.001 / 581171 +.002 / 581173 +.003 / 581174 +.005

(3)Other Sizes Available: 581176 -.002 / 581177 -.001 / 581178 +.001 / 581179 +.002 / 581181 +.003 / 581182 +.005

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