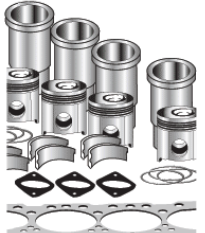
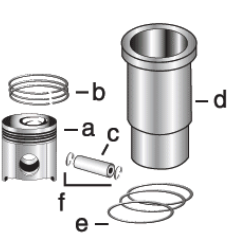



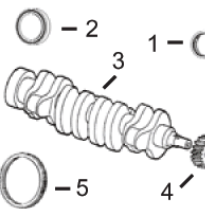
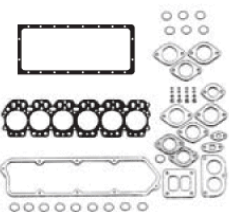
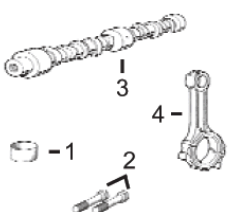
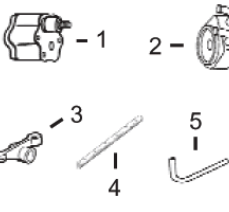



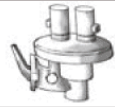




| 300 Series<br>Engine & Equipment<br>Model   |  |                         |                  |                          |    |     |
|---|--|---|--|---|--|---|
| <b>6.303</b><br>158,976 ><br><br><b>O'rings on Block</b><br><br><b>6 Cyl</b><br><br>Bore: 3.86 in<br>98 mm<br>Pin Ø: 1.185 in<br>30 mm<br><br><b>Block (m):</b><br>R53260, R55035,<br>R55351 R72970,<br>R79280, T32346<br><br><b>Con Rod (m):</b><br>T20007, R81410<br><br><b>APPLICATIONS:</b><br><br><b>AGRICULTURAL</b><br>3420<br><br><b>CONSTRUCTION</b><br>540<br>544 | <b>1) Engine O/H Kit</b>   | <b>Piston-Liner Kit</b>   | <b>Main Bearing</b>  | <b>Thrust Bearing</b>   | <b>Con Rod Bearing</b>   |   |
|   | <b>2) Engine I/F Kit</b>   | <b>TAR71591</b><br>Consists of:   | <b>TRE27352</b> Std.   | <b>TAT21139</b> Std.  | <b>TRE27348</b> Std.   |   |
|   | <b>1) TOK6591</b>  | a) <b>TT23481</b>   | <b>TRE27353</b> .010   | <b>TAT21132</b> .010  | <b>TRE27349</b> .010   |   |
|   | <b>2) TIK6591</b>  | b) <b>TAR70633</b>  | <b>TRE27360</b> .020   | <b>TAT21134</b> .020  | <b>TRE27358</b> .020   |   |
|   |  | c) <b>TT23482</b>   | <b>TRE27368</b> .030   | <b>TAT21136</b> .030  | <b>TRE27364</b> .030   |   |
|   |  | d) <b>TT32340</b>   |  |   |  |   |
|   |  | e) <b>TAR71617</b>  |  |   |  |   |
|   |  | f) <b>TR51112</b>   |  |   |  |   |
|   |  |   | <b>Use 6</b>   | <b>Use 1</b>  | <b>Use 6</b>   |   |
|   | <b>Block (m):</b><br>R53260, R55035,<br>R55351 R72970,<br>R79280, T32346   |                        |                 |                         |   |    |
| <b>Con Rod (m):</b><br>T20007, R81410   | <b>1) Front Seal</b><br><b>2) Rear Seal</b>  | <b>1) O/H Gasket Set</b>  | <b>1) Bush, Con Rod</b><br><b>2) Bolt, Con Rod</b>   | 1) Pump, Oil<br>2) Oil Cooler<br>3) Rocker Arm<br>4) Rocker Shaft<br>5) Pump, Oil Tube                    | 1) Lower Gear<br>2) Lower Bushing<br>3) Upper Gear<br>4) Upper Bushing<br>5) Cam. Follower<br>6) Cam. Gear                   |   |
| <b>APPLICATIONS:</b>  | 3) Crankshaft<br>4) Crankshaft, Gear<br>5) Ring Gear   | 2) Head Gasket Set<br>3) Head Gasket<br>4) Oil Pan Gasket<br>5) Rocker Cover Gsk                        | 3) Camshaft<br>4) Con Rod  |   |  |   |
| <b>AGRICULTURAL</b><br>3420   | 1) <b>TAR67942</b><br>2) <b>TRE44574</b> (1)<br>3) <b>TAT22562</b><br>4) <b>TT20094</b><br>5) <b>TR114282</b> (142T) | 1) <b>TRE38568</b><br>2) <b>TRE38571</b><br>3) <b>TR98462</b><br>4) <b>TR97344</b><br>5) <b>TR75728</b> | 1) <b>TT23471</b> x6<br>2) <b>TR74194</b> x12 (2)<br>3) <b>TR82821</b> (3)<br>4) <b>TAT18005</b> | 1) <b>TRE55343</b><br>2) <b>TRE31929</b><br>3) <b>TRE31973</b><br>4) <b>TR54986</b><br>5) <b>TR113752</b> | 1) <b>TAT24252</b><br>2) <b>TT26321</b><br>3) <b>TAT18009</b><br>4) <b>TT20034</b><br>5) <b>TT20073</b><br>6) <b>TT20070</b> |   |
| <b>CONSTRUCTION</b><br>540<br>544   |  |   |  |   |  |   |
|   | Valve, Intake  | Valve, Exhaust  | Insert, Valve<br>1) Intake<br>2) Exhaust   | 1) Cap, Valve<br>2) Lock, Valve   | 1) Spring, Valve<br>2) Rotator, Valve<br>3) O'ring, Valve  |   |
|   | <b>TR79623</b> Std.<br><b>TR79628</b> .003<br><b>TR79629</b> .015  | <b>TR79624</b> Std.<br><b>TR79625</b> .003<br><b>TR79626</b> .015                                       | 1) <b>TR73064</b> Std.<br>2) <b>TR51734</b> Std.   | 1) <b>TT20129</b><br>2) <b>TT20077</b>  | 1) <b>TR26125</b><br>2) <b>TRE11410</b><br>3) <b>TR87627</b>   |   |
|    | <b>Thermostats</b>   |                      | <b>Water Pump Repair Kit</b>   |   |   |  |
|   |  | <b>Fuel Transfer Pump</b>   | Without Impeller   | With Impeller   | <b>Injector, Pencil</b>  | <b>Seal</b>   |
| <b>TAR70601</b> 180 °F (*)<br><b>TAR77411</b> 195 °F (*)  | <b>TRE42211</b>  |   | <b>TRE19510</b>  | <b>TMX132</b>   | <b>TAR89564</b>  | <b>TR60746</b><br><b>TR48000</b>  |

(\*) Verify JD parts manual.  
 (1) Do not use with fly wheel housing (m) T20300, T22991.  
 (2) Use **TR74194** with C.Rod (m) T20007; use **TR80033** with C.Rod (m) R81410.  
 (3) Threaded Type.