

Engine & Equipment  
Application

# 3.152

**INDIRECT  
INJECTION**

3 Cyl, Rope Seal

Bore: 3.6020 in  
91.491 mm

From ESN 1935854

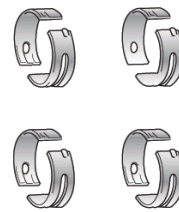
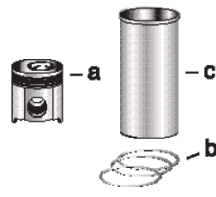
**APPLICATIONS:**

**MF AGRICULTURAL**

35  
50

**MF INDUSTRIAL**

35 Utility  
203  
205



**1) Engine O/H  
Kit**

**Piston-Liner Kit**

**Main Bearing  
Set**

**Con Rod Bearing  
Set**

**Thrust Washer  
Set**

**2) Basic Engine  
Kit**

[PU5MK0033](#)

Consists of:

[P68084](#) Std.

[P85036](#) Std.

[P31137211/21](#)

**1) [POK302](#)**

a) [P81512](#) (1)

[P68084A](#) .010

[P85036A](#) .010

b) [P41158057](#)

[P68084B](#) .020

[P85036B](#) .020

**2) [PBK302](#)**

c) [P31358345](#) (2)

[P68084C](#) .030

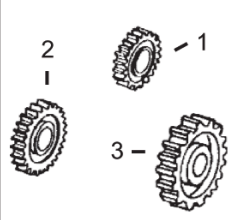
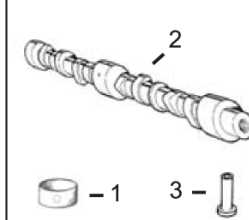
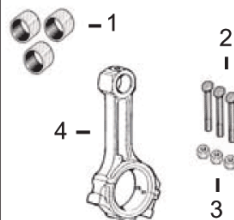
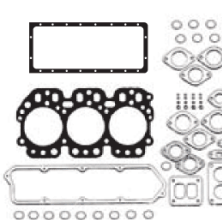
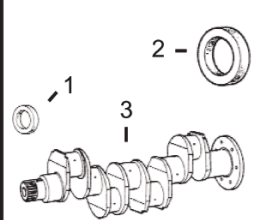
[P85036C](#) .030

**3 Per Engine**

**Set of 4 Pairs**

**Set of 3 Pairs**

**Set of 2 Pairs**



**1) Front Seal  
2) Rear Seal**

**1) Top Gasket Set  
2) Bottom Gasket**

**1) Bush, Con Rod  
2) Bolt, Con Rod  
3) Nut, Con Rod**

**1) Bushing, Cam**

**1) Crankshaft Gear  
2) Camshaft Gear  
3) Idler Gear**

3) Crankshaft Kit

3) Head Gasket

4) Con Rod

2) Camshaft  
3) Tappet

1) [P2415344](#)  
2) [P36883106](#) x2  
3) [PZZ90116](#)

1) [PU5LT0012](#)  
2) [PU5LB0012](#)  
3) [P36812136](#)

1) [P31134151](#) x3  
2) [P0095250](#) x6  
3) [P33221327](#) x6  
4) [PZZ90011](#)

1) Not Used  
2) [P31415261](#)  
3) [P0860012](#)

1) [P0410132](#)  
2) [P0410241](#)  
3) [P31164362](#)

**Valve Train Kit**

1) Valve, Intake  
2) Valve, Exhaust

3) Guide, Valve  
(Intake & Exhaust)

4) Spring, Valve  
a) Inner  
b) Outer

5) Lock, Valve

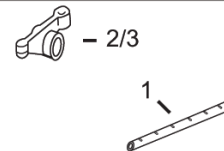
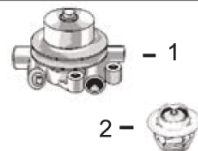
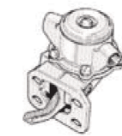
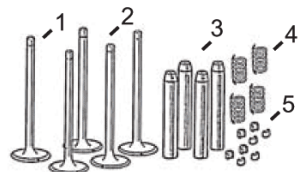
[PVTK301](#)

1) [P31431261](#) x3  
2) [P0910002](#) x3

3) [P33261723](#) x6

a) Not Used  
b) [P0780006](#) x6

5) [P0230001](#) x12



1) Oil Pump  
2) Oil Pump Drive Gear  
3) Bushing, Drive Gear

Lift Pump

1) Water Pump  
a) Without Pulley  
b) With Pulley  
2) Thermostat

1) Rocker Shaft  
2) Rocker Arm LH  
3) Rocker Arm RH

1) Cylinder Head  
(With Valves)  
2) Glowplug

1) [P41314078](#)  
2) [P41115025](#)  
3) [P0050265](#)

[P2641408](#)

1a) [PU5MW0023](#)  
b) [P41312784](#)  
2) [P2485666](#)

1) [PZZ90047](#)  
2) [P3737A101](#)  
3) [P3737A091](#)

1) [PZZ80048](#)  
2) [P2666103](#)  
(Screw Fitting)  
[P2666108](#)  
(Bayonet Fitting)

(1) Flat Head Piston.

(2) Semi Finished Liner, [P31358323](#), and Finished Liner in .010", [P31358384](#), are available.