

**Engine Model:**

DT360

**Engine Desc:**

From ESN 39375

**Engine Data:**

IHC  
Navistar

**Engine Info:**

6 Cyl

**Engine Dimensions:**

Bore: 4.01 in / 101.90 mm



**Engine I/F Kit**

- 1817253
- SPEC SHEET - 1817253



**Piston-Liner Kit**

- 1817250 4 3
- Consists of:**
- a) 1817178 3
- b) 1809935
- c) 1809938



**Ring, Piston**

- 1817251 3



**Main Bearing**

- 1823859 *Std.*
- 1823860 *0.010*
- 1823861 *0.020*

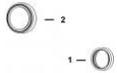
**Set of 7 Pairs**



**Con Rod Bearing**

- 1823863 *Std.*
- 1823864 *0.010*
- 1823865 *0.020*

**Set of 6 Pairs**

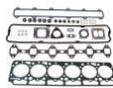


**1) Front Seal**

- 690437

**2) Rear Seal**

- 1809964



**1) O/H Set, Cyl Head**

- 1817255

**2) O/H Set, Crankcase**

- 1817256

**3) Head Gasket**

- 1819546

**4) Oil Pan Gasket**

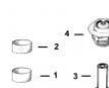
- 671825

**5) Oil Suction Gasket**

- 1802867

**6) Gasket, Intake Manifold**

- 682199



**1) Bush, Con Rod**

- 1810049

**2) Bushing, Cam**

- 680117

**3) Tappet**

- 1802340

**4) Thermostat**

- 1801191 *180° F*



**1) Oil Pump**

- 1802666 1
- 1808832 2

**2) Water Pump**

- 1815538
- 685155

**Valve, Intake**

- 676687

**Valve, Exhaust**

- 1810086

**Insert, Valve**

**1) Intake**

- 671602

**2) Exhaust**

- 671599

**1) Guide, Valve**

- 675439 1

**2) Seal, Stem**

- 1815374

**Spring, Valve**

- 682064

(1): Turbocharged.(2) Turbocharged, Aftercooled.(3) Replace in sets only for ESN 39375 to 90975

(3): Replace in sets only for ESN 39375 to 90975

(2): Turbocharged, Aftercooled.(3) Replace in sets only for

(4): Ring sets not included.

**Engine Model:**  
DT414

**Engine Data:**  
IHC  
Navistar

**Engine Info:**  
6 Cyl

**Engine Dimensions:**  
Bore: 4.3005 in /  
109.23 mm  
Stroke: 4.75 in /  
120.70 mm



- 1) **Engine O/H Kit**  
‣ NOKDT414
- 2) **Engine I/F Kit**  
‣ NIKDT414  
‣ SPEC SHEET -  
NOKDT414



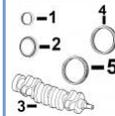
- Piston-Liner Kit**  
‣ 684260
- Consists of:**  
‣ a) 684251  
‣ b) 1346908  
‣ c) 1810504  
‣ d) 680086



- Main Bearing**  
‣ 1823847 **Std.**  
‣ 1823848 **0.010**  
‣ 1823849 **0.020**  
‣ 1823850 **0.030**
- Set of 7 Pairs**

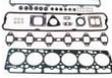


- Con Rod Bearing**  
‣ 1823855 **Std.**  
‣ 1823856 **0.010**  
‣ 1823857 **0.020**  
‣ 1823858 **0.030**
- Set of 6 Pairs**

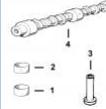


- 1) **Front Seal**  
‣ 690437
- 2) **Rear Seal**  
‣ 1809964
- 3) **Crankshaft**  
‣ 675050
- 4) **Flywheel Ring Gear**  
‣ 326759 **132T**  
‣ 341604 **132T**

**Agricultural**  
915  
1066  
1086



- 1) **O/H Set, Cyl Head**  
‣ 1817254
- 2) **O/H Set, Crankcase**  
‣ 674399
- 3) **Head Gasket**  
‣ 1819547
- 4) **Oil Pan Gasket Set**  
‣ 671827SET
- 5) **Valve Cover Gasket**  
‣ 1342828
- 6) **Gasket, Intake Manifold**  
‣ 682199
- 7) **Gasket, Exh. Manifold**  
‣ 1349062
- 8) **Gasket, Oil Suction Tube**  
‣ 671821
- 9) **Oil Suction Gasket**  
‣ 1802867



- 1) **Bush, Con Rod**  
‣ 675006
- 2) **Bushing, Cam**  
‣ 680117
- 3) **Tappet**  
‣ 684729  
‣ 1802340
- 4) **Camshaft**  
‣ 1802337

**Valve Train Kit**  
‣ NVK400

- 1) **Valve, Intake**  
‣ x6) 675046
- 2) **Valve, Exhaust**  
‣ 676865 **x6**

**Insert, Valve**  
1) **Intake**  
‣ 671559 **x6**  
2) **Exhaust**  
‣ 671563 **x6**

1) **Guide, Valve**  
‣ 675439 **x12**  
2) **Lock, Valve**  
‣ 76951 **x24**  
3) **Valve Rotator**  
‣ 1811581 **x12**

1) **Spring, Valve**  
‣ 682064 **x12**  
2) **Seal, Stem**  
‣ 681234 **x6**  
3) **Fuel Injector Tube**  
‣ 675442 **x6**



**Thermostat**  
‣ 1801191 **180° F**  
**Head Bolts**  
‣ 676119 **x6**  
‣ 676120 **x20**



**Oil Pump**  
‣ 1802666  
‣ 1808832



**Water Pump**  
‣ 673162



1) **Water Pump Gasket**  
‣ 675808  
2) **Injector**  
‣ 631571  
‣ 687372

(1): Turbocharged, 1.0" Rotor. To ESN 466,775.  
(3): Valve Train Kit include Intake Valves, Exhaust Valves, Valve Springs, Guides, and Locks.

(2): Turbocharged, Aftercooled, 1.25" Rotor. From ESN 466,776.  
(4): Check application for proper usage.

**Engine Model:**

DT436 /  
DT437

**Engine Data:**

IHC Navistar

**Engine Info:**

6 Cyl

**Engine Dimensions:**

Bore: 4.3005 in /  
109.23 mm  
Stroke: 5.04 in /  
128.00 mm



- 1) **Engine O/H Kit**  
‣ NOKDT436
- 2) **Engine I/F Kit**  
‣ NIKDT436  
‣ SPEC SHEET -  
NOKDT436



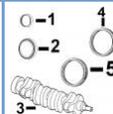
- Piston-Liner Kit**  
‣ 684261
- Consists of:**  
‣ a) 684253  
‣ b) 1346908  
‣ c) 1810504  
‣ d) 680086



- Main Bearing**  
‣ 1823847 **Std.**  
‣ 1823848 **0.010**  
‣ 1823849 **0.020**  
‣ 1823850 **0.030**
- Set of 7 Pairs**



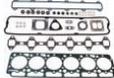
- Con Rod Bearing**  
‣ 1823855 **Std.**  
‣ 1823856 **0.010**  
‣ 1823857 **0.020**  
‣ 1823858 **0.030**
- Set of 6 Pairs**



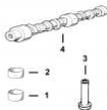
- 1) **Front Seal**  
‣ 690437
- 2) **Rear Seal**  
‣ 1809964
- 3) **Crankshaft**  
‣ 675051
- 4) **Flywheel Ring Gear**  
‣ 326759 **132T**  
‣ 341604 **132T**

**Agricultural**

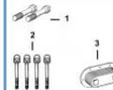
- 3388
- 1460
- 4166
- 1480
- 4186
- 1466
- 5088
- 1486
- 6388
- 1566
- 1586



- 1) **O/H Set, Cyl Head**  
‣ 1817254
- 2) **O/H Set, Crankcase**  
‣ 674399
- 3) **Head Gasket**  
‣ 1819547
- 4) **Oil Pan Gasket Set**  
‣ 671827SET
- 5) **Valve Cover Gasket**  
‣ 1342828
- 6) **Gasket, Intake Manifold**  
‣ 682199
- 7) **Gasket, Exh. Manifold**  
‣ 1349062
- 8) **Gasket, Oil Suction Tube**  
‣ 671821
- 9) **Oil Suction Gasket**  
‣ 1802867



- 1) **Bush, Con Rod**  
‣ 675006
- 2) **Bushing, Cam**  
‣ 680117
- 3) **Tappet**  
‣ 684729  
‣ 1802340
- 4) **Camshaft**  
‣ 1802337



- 1) **Con Rod Bolts**  
‣ 676679
- 2) **Head Bolts**  
‣ 676119 **x6**  
‣ 676120 **x20**

- Valve Train Kit**  
‣ NVK400

- 1) **Valve, Intake**  
‣ 675046 **x6**
- 2) **Valve, Exhaust**  
‣ 676865 **x6**

- Insert, Valve**
- 1) **Intake**  
‣ 671559 **x6**
- 2) **Exhaust**  
‣ 671563 **x6**

- 1) **Guide, Valve**  
‣ 675439 **x12**
- 2) **Lock, Valve**  
‣ 76951 **x24**
- 3) **Valve Rotator**  
‣ 1811581 **x12**

- 1) **Spring, Valve**  
‣ 682064 **x12**
- 2) **Seal, Stem**  
‣ 681234 **x6**
- 3) **Fuel Injector Tube**  
‣ 675442 **x6**



- Thermostat**  
‣ 1801191 **180° F**



- Oil Pump**  
‣ 1802666  
‣ 1808832



- Water Pump**  
‣ 673162



- 1) **Water Pump Gasket**  
‣ 675808
- 2) **Injector**  
‣ 631571  
‣ 687372

(1): Turbocharged, 1.0" Rotor. To ESN 466,775.  
(3): Valve Train Kit include Intake Valves, Exhaust Valves, Valve Springs, Guides, and Locks.

(2): Turbocharged, Aftercooled, 1.25" Rotor. From ESN 466,776.  
(4): Check application for proper usage.

**Engine Model:**  
DT466

**Engine Desc:**  
To ESN  
440,035

**Engine Data:**  
Narrow  
Bearings  
Rod Bearing  
Width: 1.20"  
Main Bearing  
Width: 1.225"  
IHC  
Navistar

**Engine Info:**  
6 Cyl

**Engine Dimensions:**  
Bore: 4.3005 in /  
109.23 mm  
Stroke: 5.35 in /  
135.90 mm

**Agricultural**

5488 Early  
1470  
6588  
1480 Early  
6788  
3588  
7288 Early  
3788  
7388 Early  
4366 Early  
4386



- 1) **Engine O/H Kit**
  - ↳ NOKDT466N
- 2) **Engine I/F Kit**
  - ↳ 1825442
  - ↳ SPEC SHEET - NOKDT466N



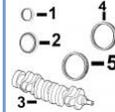
- Piston-Liner Kit**
  - ↳ 1817645
- Consists of:**
  - ↳ a) 1817520
  - ↳ b) 1817247
  - ↳ c) 1810504
  - ↳ d) 680086



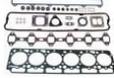
- Main Bearing**
  - ↳ 1823847 Std.
  - ↳ 1823848 0.010
  - ↳ 1823849 0.020
  - ↳ 1823850 0.030
- Set of 7 Pairs**



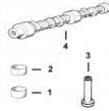
- Con Rod Bearing**
  - ↳ 1823855 Std.
  - ↳ 1823856 0.010
  - ↳ 1823857 0.020
  - ↳ 1823858 0.030
- Set of 6 Pairs**



- 1) **Front Seal**
  - ↳ 690437
- 2) **Rear Seal**
  - ↳ 1809964
- 3) **Crankshaft**
  - ↳ 675669
- 4) **Flywheel Ring Gear**
  - ↳ 326759 132T
  - ↳ 341604 132T



- 1) **O/H Set, Cyl Head**
  - ↳ 1817254
- 2) **O/H Set, Crankcase**
  - ↳ 674399
- 3) **Head Gasket**
  - ↳ 1819547
- 4) **Oil Pan Gasket Set**
  - ↳ 671827SET
- 5) **Valve Cover Gasket**
  - ↳ 1342828
- 6) **Gasket, Intake Manifold**
  - ↳ 682199
- 7) **Gasket, Exh. Manifold**
  - ↳ 1349062
- 8) **Gasket, Oil Suction Tube**
  - ↳ 671821
- 9) **Oil Suction Gasket**
  - ↳ 1802867



- 1) **Bush, Con Rod**
  - ↳ 675006
- 2) **Bushing, Cam**
  - ↳ 680117
- 3) **Tappet**
  - ↳ 684729
  - ↳ 1802340
- 4) **Camshaft**
  - ↳ 1802337



- 1) **Con Rod Bolts**
  - ↳ 676679
- 2) **Head Bolts**
  - ↳ 676119 x6
  - ↳ 676120 x20

- Valve Train Kit**
  - ↳ NVK400

- 1) **Valve, Intake**
  - ↳ 675046 x6
- 2) **Valve, Exhaust**
  - ↳ 676865 x6

- Insert, Valve**
- 1) **Intake**
  - ↳ 671559 x6
- 2) **Exhaust**
  - ↳ 671563 x6

- 1) **Guide, Valve**
  - ↳ 675439 x12
  - ↳ 1815264 x12
- 2) **Lock, Valve**
  - ↳ 76951 x24
- 3) **Valve Rotator**
  - ↳ 1811581 x12

- 1) **Spring, Valve**
  - ↳ 682064 x12
- 2) **Seal, Stem**
  - ↳ 681234 x6
  - ↳ 1815374 x6
- 3) **Fuel Injector Tube**
  - ↳ 675442 x6



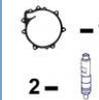
- Thermostat**
  - ↳ 1801191 180° F



- Oil Pump**
  - ↳ 1802666
  - ↳ 1808832



- Water Pump**
  - ↳ 1815538
  - ↳ 685155
  - ↳ 673162



- 1) **Water Pump Gasket**
  - ↳ 675808
- 2) **Injector**
  - ↳ 687372



- Injection Control Pressure Sensor**
  - ↳ 1830669

(1): To ESN 594,839.

(3): Turbocharged, 1.0" Rotor. To ESN 466,775.

(5): Use for truck applications.

(7): Valve Train Kit include Intake Valves, Exhaust Valves, Valve Springs, Guides, and Locks.

(2): From ESN 594,840.

(4): Turbocharged, Aftercooled, 1.25" Rotor. From ESN 466,776.

(6): Use for AG applications.

(8): Check application for proper usage.

**Engine Model:**

DT466 (esn 440,036 - 567,491)

**Engine Desc:**

Perkins 1300 Series

**Engine Data:**

Perkins Build WB- T6.466  
Perkins Build WC- CC6.466  
Wide Bearings  
Rod Bearing Width: 1.26"  
Main Bearing Width: 1.229"

**Engine Info:**

6 Cyl

**Engine Dimensions:**

Bore: 4.3005 in / 109.23 mm  
Stroke: 5.35 in / 135.90 mm

Please see page 662 for a complete list of equipment models.



1) **Engine O/H Kit**

- NOKDT466W
- 1825443
- SPEC SHEET - NOKDT466W

12



**Piston-Liner Kit**

- 1817645
- Consists of:**
- a) 1817520
- b) 1817247
- c) 1810504
- d) 680086

13



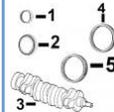
**Main Bearing**

- 1823843 Std.
- 1823844 0.010
- 1823845 0.020
- Set of 7 Pairs**



**Con Rod Bearing**

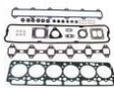
- 1823851 Std.
- 1823852 0.010
- 1823853 0.020
- Set of 6 Pairs**



1) **Front Seal**

- 690437
- 2) **Rear Seal**
- 1809964
- 3) **Crankshaft**
- 675669
- 4) **Flywheel Ring Gear**
- 326759 132T
- 341604 132T

8  
8



1) **Head Gasket Set**

- 1817254

2) **Lower Gasket Set**

- 674399

3) **Head Gasket**

- 1819547

4) **Oil Pan Gasket Set**

- 671827SET

5) **Valve Cover Gasket**

- 1342828

6) **Gasket, Intake Manifold**

- 682199

7) **Gasket, Exh. Manifold**

- 1349062

8) **Gasket, Oil Suction Tube**

- 671821

9) **Oil Suction Gasket**

- 1802867



1) **Bush, Con Rod**

- 675006

2) **Bushing, Cam**

- 680117

3) **Tappet**

- 684729
- 1802340

4) **Camshaft**

- 1802337



1) **Con Rod Bolts**

- 676679

2) **Head Bolts**

- 676119 x6
- 676120 x20

14

**Valve Train Kit**

- NVK400

7

1) **Valve, Intake**  
2) **Valve, Exhaust**

- 1) 675046 x6
- 2) 676865 x6

**Insert, Valve**

1) **Intake**  
2) **Exhaust**

- 1) 671559 x6
- 2) 671563 x6

1) **Guide, Valve**  
2) **Lock, Valve**  
3) **Valve Rotator**

- 1) 675439 x12
- 1815264 x12
- 2) 76951 x24
- 3) 1811581 x12

1) **Spring, Valve**  
2) **Seal, Stem**  
3) **Fuel Injector Tube**

- 1) 682064 x12
- 2) 681234 x6
- 1815374 x6
- 3) 675442 x6

1

2

10

11

10

11

9

1

10

11

10

11



**Thermostat**

- 1801191 180° F



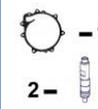
**Oil Pump**

- 1802666
- 1808832



**Water Pump**

- 1815538
- 685155
- 673162



1) **Water Pump Gasket**

- 675808

2) **Injector**

- 687372



**Injection Control Pressure Sensor**

- 1830669

3

4

5

5

6

8

(1): To ESN 594,839.

(3): Turbocharged, 1.0" Rotor. To ESN 466,775.

(5): Use for truck applications.

(7): Valve Train Kit include Intake Valves, Exhaust Valves, Valve Springs, Guides, and Locks.

(9): For engines to serial number 532980.

(11): For engine serial number 594,840 and up.

(13): I/F kit can be used for engines with ESN 440,036-850,653.

(2): From ESN 594,840.

(4): Turbocharged, Aftercooled, 1.25" Rotor. From ESN 466,776.

(6): Use for AG applications.

(8): Check application for proper usage.

(10): For engines to serial number 594,839.

(12): O/H kit can be used for engines with ESN 440,036-567,491. ESN 567,492 and later require different lower gasket set not currently offered by Maxiforce.

(14): Used on engines up to ESN 567,491.

**Engine Series:**  
N45

**Engine Model:**  
F4CE & F4GE

**Engine Desc:**  
NATURALLY  
ASPIRATED

**Engine Data:**  
Tier 3 - 2  
Valves per  
Cylinder

**Engine Info:**  
4 Cyl

**Engine Dimensions:**  
Bore: 4.095in /  
104.00mm  
Stroke: 5.196in /  
132.00mm  
Displacement:  
274.607 in3 /4.5  
Lt

Please see  
page 663 for a  
complete list of  
equipment  
models.



**Basic Kit**

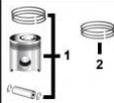
- › FOK7238/4 Std.
- › FOK7243/4 0.40
- › FOK7249/4 0.80

1  
1  
1

**Inframe Kit**

- › FIK7238/4 Std.
- › FIK7243/4 0.40
- › FIK7249/4 0.80

1  
1  
1



**1) Piston & Ring Kit**

- › F87317238 Std.
- › F87317243 0.40mm
- › F87317249 0.80mm

**2) Ring Set**

- › F87316211 Std.
- › F87316213 0.40mm
- › F87316214 0.80mm

**4 Per Engine**



**Main Bearing**

- › F2995787 Std
- › F2995788 .254mm
- › F2995789 .508mm

**Use 4 Pairs per engine**



**Con Rod Bearing**

- › F8093882 Std.
- › F8094960 .254mm
- › F8094961 .508mm

**Use 4 Pairs per engine**



**Thrust Bearing**

- › F2995784 Std.
- › F2995785 .254mm
- › F2995786 .508mm

**Use 1 pair per engine**



**1) Front Crankshaft Seal**

- › F4890832

**2) Rear Crankshaft Seal**

- › F4890833



**1) O/H Gasket Set**

- › FN45OHK

**2) Top Gasket Set**

- › FN45IFK

**3) Head Gasket**

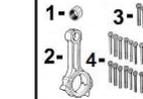
- › F2830920 1.15mm Thick
- › F2830919 1.25mm Thick

**4) Valve Cover Gasket**

- › F2852033 x4

**5) Oil Pan Gasket**

- › F2852012 Paper
- › F4897877 Rubber
- › F4894295 Metal
- › F2830645 Metal



**1) Bush, Con Rod**

- › F4892708 x4

**2) Connecting Rod**

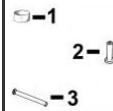
- › F2831298 x4

**3) Connecting Rod Bolt**

- › F2831297 x8

**4) Head Bolts**

- › F4892861
- › F4892859



**1) Bushing Camshaft**

- › F4895040 x1

**2) Tappet**

- › F4895180 x8

**3) Pushrod**

- › F4895361 x8

**Valve Train**

**Valve, Intake**

- › F4895187 x4

**Valve, Exhaust**

- › F3802356 x4

**Valve, Insert Intake**

- › F4897178 x4

**Valve, Insert Exhaust**

- › F4897179 x4

**Spring, Valve**

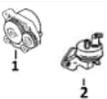
- › F4895215 x8

**Lock, Valve**

- › F4895183 x16

**Valve Stem Seal**

- › F4895347 x8

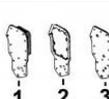


**1) Oil Pump**

- › F4897480

**2) Fuel Transfer Pump**

- › F2830266



**1) Oil Cooler**

- › F2853722 5 Plates

**2) Oil Cooler Gasket**

- › F2830559 x1

**3) Oil Cooler Gasket**

- › F4896409 x1



**1) Water Pump**

- › F2852114

**2) Water Pump Seal ring**

- › F2852047



**Injector**

- › F2853346 x4



**Repair Sleeve**

- › F2995665 x4

(1): The kit includes Head Gasket (F2830920) - 1.15mm thick. It does not include the Oil Pan Gasket nor Valve Steam Seals; please order these separately.  
 (2): Set contains Head Gasket F2830923 - 1.15mm Thick, Front and Rear Crankshaft Seal. Valve Steam Seals are not included.  
 (3): Verify Application.

**Engine Series:**  
N45

**Engine Model:**  
F4CE & F4GE

**Engine Desc:**  
TURBOCHARGE

**Engine Data:**  
Tier 3 - 2  
Valves per  
Cylinder

**Engine Info:**  
4 Cyl

**Engine Dimensions:**  
Bore: 4.095in /  
104.00mm  
Stroke: 5.196in /  
132.00mm  
Displacement:  
274.607 in3 /4.5  
Lt

Please see  
page **664** for a  
complete list of  
equipment  
models.



**Basic Kit**

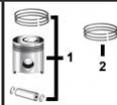
- › FOK4740/4 Std.
- › FOK7252/4 0.40
- › FOK7253/4 0.80

1  
1  
1

**Inframe Kit**

- › FIK4740/4 Std.
- › FIK7252/4 0.40
- › FIK7253/4 0.80

1  
1  
1



**1) Piston & Ring Kit**

- › F8094740 Std.
- › F87317252 0.40mm
- › F87317253 0.80mm

**2) Ring Set**

- › F8094845 Std.
- › F87316944 0.40mm
- › F87316959 0.80mm

**4 Per Engine**



**Main Bearing**

- › F2995787 Std
- › F2995788 .254mm
- › F2995789 .508mm

**Use 4 Pairs per engine**



**Con Rod Bearing**

- › F8093882 Std.
- › F8094960 .254mm
- › F8094961 .508mm

**Use 4 Pairs per engine**



**Thrust Bearing**

- › F2995784 Std.
- › F2995785 .254mm
- › F2995786 .508mm

**Use 1 pair per engine**

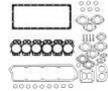


**1) Front Crankshaft Seal**

- › F4890832

**2) Rear Crankshaft Seal**

- › F4890833



**1) O/H Gasket Set**

- › FN45OHK

**2) Top Gasket Set**

- › FN45IFK

**3) Head Gasket**

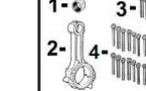
- › F2830920 1.15mm Thick
- › F2830919 1.25mm Thick

**4) Valve Cover Gasket**

- › F2852033 x4

**5) Oil Pan Gasket**

- › F2852012 Paper
- › F4897877 Rubber
- › F4894295 Metal
- › F2830645 Metal



**1) Bush, Con Rod**

- › F4892708 x4

**2) Connecting Rod**

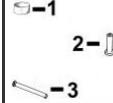
- › F2831298 x4

**3) Connecting Rod Bolt**

- › F2831297 x8

**4) Head Bolts**

- › F4892861
- › F4892859



**1) Bushing Camshaft**

- › F4895040 x1

**2) Tappet**

- › F4895180 x8

**3) Pushrod**

- › F4895361 x8

**Valve Train**

**Valve, Intake**

- › F4895187 x4

**Valve, Exhaust**

- › F3802356 x4

**Valve, Insert Intake**

- › F4897178 x4

**Valve, Insert Exhaust**

- › F4897179 x4

**Spring, Valve**

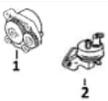
- › F4895215 x8

**Lock, Valve**

- › F4895183 x16

**Valve Stem Seal**

- › F4895347 x8

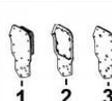


**1) Oil Pump**

- › F4897480

**2) Fuel Transfer Pump**

- › F2830266



**1) Oil Cooler**

- › F2853722 5 Plates

**2) Oil Cooler Gasket**

- › F2830559 x1

**3) Oil Cooler Gasket**

- › F4896409 x1



**1) Water Pump**

- › F2852114

**2) Water Pump Seal ring**

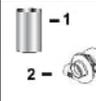
- › F2852047



**Injector**

- › F2856255 x4

- › F2852056 x4



**1) Repair Sleeve**

- › F2995665 x4

**2) Turbochargers**

- › F3599879
- › F3599350
- › F4045275

(1): The kit includes Head Gasket (F2830923) - 1.15mm thick. It does not include the Oil Pan Gasket nor Valve Stem Seals; please order these separately.  
 (2): Set contains Head Gasket F2830920 - 1.15mm Thick, Front and Rear Crankshaft Seal. Valve Stem Seals are not included.  
 (3): Verify Application.

**Engine Series:**  
N45

**Engine Model:**  
F4DE & F4HE

**Engine Desc:**  
TURBOCHARGE

**Engine Data:**  
Tier 4 - 4  
Valves per  
Cylinder

**Engine Info:**  
4 Cyl

**Engine Dimensions:**  
Bore: 4.095in /  
104.00mm  
Stroke: 5.196in /  
132.00mm  
Displacement:  
274.607 in3 /4.5  
Lt

**CASE IH -  
TRACTOR**

MAXXUM 120  
MAXXUM 130

**NEW HOLLAND -  
TRACTOR**

T6020  
T6040  
T6050  
T6060

**NEW HOLLAND -  
WHEEL LOADER**

W110B

**ENGINE TYPE**

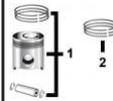
F4HE9484MJ100



**Basic Kit**

- › FOK7543/4 Std.
- › FOK7544/4 0.40
- › FOK7545/4 0.80

1  
1  
1



**1) Piston & Ring Kit**

- › F8097543 Std.
- › F8097544 0.40mm
- › F8097545 0.80mm

**2) Ring Set**

- › F8094845 Std.
- › F87316944 0.40mm
- › F87316959 0.80mm

**4 Per Engine**



**Main Bearing**

- › F2995787 Std
- › F2995788 .254mm
- › F2995789 .508mm

**Use 4 Pairs per engine**



**Con Rod Bearing**

- › F8093882 Std.
- › F8094960 .254mm
- › F8094961 .508mm

**Use 4 Pairs per engine**



**Thrust Bearing**

- › F2995784 Std.
- › F2995785 .254mm
- › F2995786 .508mm

**Use 1 pair per engine**

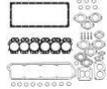


**1) Front Crankshaft Seal**

- › F4890832

**2) Rear Crankshaft Seal**

- › F4890833



**1) O/H Gasket Set**

- › F8093914

**3) Head Gasket**

- › F2830706 1.25mm Thick

**4) Valve Cover Gasket**

- › F4899228 x1 Upper
- › F4899230 x1 Lower

**5) Oil Pan Gasket**

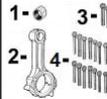
- › F2852012 Paper
- › F4897877 Rubber
- › F4894295 Metal
- › F2830645 Metal

**6) Exhaust Manifold Gasket**

- › F2830444 x4

**7) Intake Manifold Gasket**

- › F2854701 x1



**1) Bush, Con Rod**

- › F4892708 x4

**2) Connecting Rod**

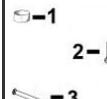
- › F2831298 x4

**3) Connecting Rod Bolt**

- › F2831297 x8

**4) Head Bolts**

- › 4891024 x8
- › 4891025 x10



**1) Bushing Camshaft**

- › F4895040 x1

**2) Tappet**

- › F4899803 x16

**3) Pushrod**

- › F4895031 x16

**Valve Train**

**Valve, Intake**

- › F4895052 x8

**Valve, Exhaust**

- › F4895051 x8

**Insert, Valve Intake**

- › F4897578 x8

**Insert, Valve Exhaust**

- › F4897106 x8

**Spring, Valve**

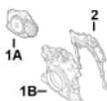
- › F4895073 x16

**Lock, Valve**

- › F4899081 x32

**Seal, Valve Stem**

- › F2831287 x16



**1) Oil Pump**

- › A) F4897480 x1
- › B) F2830913 x1

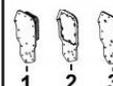
**2) Gasket Oil Pump**

- › F2830972 x1

3

3

5



**1) Oil Cooler**

- › F2853722 5 Plates

**2) Oil Cooler Gasket**

- › F2830559 x1

**3) Oil Cooler Gasket**

- › F4896409 x1
- › F2831317 x1

3

3

3

3



**1) Water Pump**

- › F2854835 x1

**2) Water Pump Seal ring**

- › F2852047 x1



**Injector**

- › F2855135 x4
- › F2855491 x4



**Repair Sleeve**

- › F2995665 x4

3

3

(1): Kit includes does not include the oil pan gasket; please order it separately.

(3): Verify Application.

(5): Gasket only for Oil Pump F2830972

(2): Set contains Head Gasket, Valve Stem Seals, Front and Rear Crankshaft Seals. Does not include Oil Pan Gasket.

(4): Included in Overhaul Gasket Kit