

Engine Series:
N45

Engine Model:
F4DE & F4HE

Engine Desc:
TURBOCHARGE

Engine Data:
Tier 4 - 4
Valves per
Cylinder

Engine Info:
4 Cyl

Engine

Dimensions:

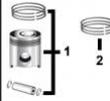
Bore: 4.095in /
104.00mm
Stroke: 5.196in /
132.00mm
Displacement:
274.607 in3 /4.5
Lt



Basic Kit

- › FOK4846/4 Std.
- › FOK4848/4 0.40
- › FOK2047/4 0.80

1
1
1



1) Piston & Ring Kit

- › F8094846 Std.
- › F8094848 0.40mm
- › F87582047 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

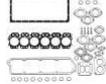


1) Front Crankshaft Seal

- › 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

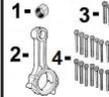
- › F2852012 Paper
- › F4897877 Rubber
- › F4894295 Metal
- › F2830645 Metal

6) Exhaust Manifold Gasket

- › F2830444 x4

7) Intake Manifold Gasket

- › F2854701 x1



1) Bush, Con Rod

- › F4892708 x4

2) Connecting Rod

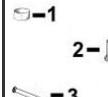
- › F2831298 x4

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

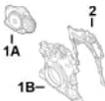
- › F4895073 x16

Lock, Valve

- › F4899081 x32

Seal, Valve Stem

- › F2831287 x16



1) Oil Pump

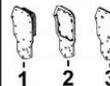
- › A) F4897480 x1
- › B) F2830913 x1

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

3
3



Repair Sleeve

- › F2995665 x4

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

(3): Verify Application.

(5): Gasket Only for Oil Pump F2830913

(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

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

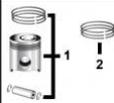
Please see
page **665** for a
complete list of
equipment
models.



Basic Kit

- › FOK7256/4 Std.
- › FOK7257/4 0.40
- › FOK7258/4 0.80

1
1
1



1) Piston & Ring Kit

- › F87317256 Std.
- › F87317257 0.40mm
- › F87317258 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

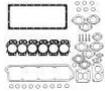


1) Front Crankshaft Seal

- › 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

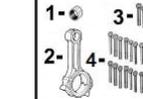
- › F2852012 Paper
- › F4897877 Rubber
- › F4894295 Metal
- › F2830645 Metal

6) Exhaust Manifold Gasket

- › F2830444 x4

7) Intake Manifold Gasket

- › F2854701 x1



1) Bush, Con Rod

- › F4892708 x4

2) Connecting Rod

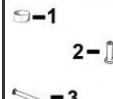
- › F2831298 x4

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

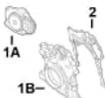
- › F4897106 x8
- › F4895073 x16

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 F2830913

(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

Engine Series:
N45

Engine Model:
F4DF, F4HE &
F4HF

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

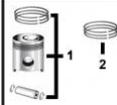
Please see
page 666 for a
complete list of
equipment
models.



Basic Kit

- › FOK7879/4 Std.
- › FOK7880/4 0.40

1
1



1) Piston & Ring Kit

- › F8097879 Std.
 - › F8097880 0.40mm
- 2) Ring Set**
- › F8094845 Std.
 - › F8094752 0.40mm

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

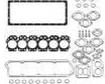


1) Front Crankshaft Seal

- › 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

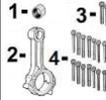
- › F2852012 Paper
- › F4897877 Rubber
- › F4894295 Metal
- › F2830645 Metal

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

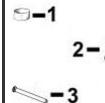
2

3

3

3

3



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

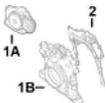
- › F4895073 x16

Lock, Valve

- › F4899081 x32

Seal, Valve Stem

- › F2831287 x16



1) Oil Pump

- › A) F4897480 x1
- › B) F2830913 x1

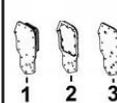
2) Gasket Oil Pump

- › 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



1) Water Pump

- › F2854835

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 F2830913

(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

Engine Series:
N67

Engine Model:
F4CE & F4GE

Engine Desc:
NATURALLY
ASPIRATED

Engine Data:
Tier 2 - 2
Valves per
Cylinder

Engine Info:
6 Cyl

Engine Dimensions:

Bore: 4.095in /
104.00mm
Stroke: 5.196in /
132.00mm
Displacement:
408.859 in3 /6.7
Lt

ENGINE TYPE

F4GE0604AD602
F4GE0604AB601
F4GE0604AD601
F4GE0604AD650
F4GE0604AD651
F4GE0606AE601



Basic Kit

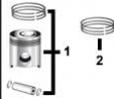
- › FOK7238/6 Std.
- › FOK7243/6 0.40
- › FOK7249/6 0.80

1
1
1

Inframe Kit

- › FIK7238/6 Std.
- › FIK7243/6 0.40
- › FIK7249/6 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

6 Per Engine



Main Bearing

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

Use 6 Pairs per engine



Con Rod Bearing

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

Use 6 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

- › FN670HK

2) Top Gasket Set

- › FN671FK

3) Head Gasket

- › F2830923 1.15mm Thick
- › F2830922 1.25mm Thick

4) Valve Cover Gasket

- › F2852033 x6

5) Oil Pan Gasket

- › F4934344 Rubber
- › F4894301 Metal

6) Exhaust Manifold Gasket

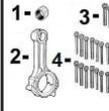
- › F2852743 x6

7) Intake Manifold Gasket

- › F4899921 x2

8) Injection Pump Gasket

- › F2852885 x1



1) Bush, Con Rod

- › F4892708 x6

2) Connecting Rod

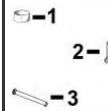
- › F2831298 x6

3) Connecting Rod Bolt

- › F2831297 x12

4) Head Bolts

- › F4892861
- › F4892859



1) Bushing Camshaft

- › F4895040 x1

2) Tappet

- › F4895180 x12

3) Pushrod

- › F4895361 x12

Valve Train

Valve, Intake

- › F4895187 x6

Valve, Exhaust

- › F3802356 x6

Valve, Insert Intake

- › F4897178 x6

Valve, Insert Exhaust

- › F4897179 x6

Spring, Valve

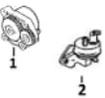
- › F4895215 x12

Lock, Valve

- › F4895183 x24

Valve Stem Seal

- › F4895347 x12

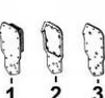


1) Oil Pump

- › F4897481

2) Fuel Transfer Pump

- › F2830266



1) Oil Cooler

- › F2853604 7 plates

2) Oil Cooler Gasket

- › F2830559 x1

3) Oil Cooler Gasket

- › F4896409 x1



1) Water Pump

- › F2852114

2) Water Pump Seal ring

- › F2852047



Repair Sleeve

- › F2995665 x6

(1): The kit includes Head Gasket (F2830923) - 1.15mm thick. It does not include the Oil Pan Gasket nor Valve Steam Seals; please order these separately.
(3): Verify Application.

(2): Set contains Head Gasket F2830923 - 1.15mm Thick, Front and Rear Crankshaft Seal. Valve Steam Seals are not included.
(3): Check application for proper usage.

Engine Series:
N67

Engine Model:
F4CE & F4GE

Engine Desc:
TURBOCHARGE

Engine Data:
Tier 2 - 2
Valves per
Cylinder

Engine Info:
6 Cyl

Engine Dimensions:
Bore: 4.095in /
104.00mm
Stroke: 5.196in /
132.00mm
Displacement:
408.859 in3 /6.7
Lt

Please see
page **667** for a
complete list of
equipment
models.



Basic Kit

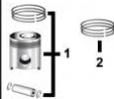
- › FOK4740/6 Std.
- › FOK7252/6 0.40
- › FOK7253/6 0.80

1
1
1

Inframe Kit

- › FIK4740/6 Std.
- › FIK7252/6 0.40
- › FIK7253/6 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

6 Per Engine



Main Bearing

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

Use 6 Pairs per engine



Con Rod Bearing

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

Use 6 Pairs per engine



Thrust Bearing

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

Use 1 pair per engine

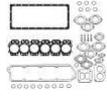


1) Front Crankshaft Seal

- › F4890832

2) Rear Crankshaft Seal

- › F4890833



1) O/H Gasket Set

- › FN670HK

2) Top Gasket Set

- › FN671FK

3) Head Gasket

- › F2830923 1.15mm Thick
- › F2830922 1.25mm Thick

4) Valve Cover Gasket

- › F2852033 x6

5) Oil Pan Gasket

- › F4934344 Rubber
- › F4894301 Metal

6) Exhaust Manifold Gasket

- › F2852743 x6

7) Intake Manifold Gasket

- › F4899921 x2

8) Injection Pump Gasket

- › F2852885 x1



1) Bush, Con Rod

- › F4892708 x6

2) Connecting Rod

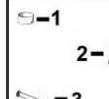
- › F2831298 x6

3) Connecting Rod Bolt

- › F2831297 x12

4) Head Bolts

- › F4892861
- › F4892859



1) Bushing Camshaft

- › F4895040 x1

2) Tappet

- › F4895180 x12

3) Pushrod

- › F4895361 x12

Valve Train

Valve, Intake

- › F4895187 x6

Valve, Exhaust

- › F3802356 x6

Valve, Insert Intake

- › F4897178 x6

Valve, Insert Exhaust

- › F4897179 x6

Spring, Valve

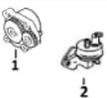
- › F4895215 x12

Lock, Valve

- › F4895183 x24

Valve Stem Seal

- › F4895347 x12

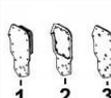


1) Oil Pump

- › F4897481

2) Fuel Transfer Pump

- › F2830266



1) Oil Cooler

- › F2853604 7 Plates

2) Oil Cooler Gasket

- › F2830559 x1

3) Oil Cooler Gasket

- › F4896409 x1



1) Water Pump

- › F2852114

2) Water Pump Seal ring

- › F2852047



Injector

- › F2855399 x4



Repair Sleeve

- › F2995665 x6

(1): The kit includes Head Gasket (F2830923) – 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.
(3): Check application for proper usage.

Engine Series:
N67

Engine Model:
F4DE & F4HE

Engine Desc:
TURBOCHARGE

Engine Data:
Tier 4 - 4
Valves per
Cylinder

Engine Info:
6 Cyl

Engine Dimensions:

Bore: 4.095in / 104.00mm
Stroke: 5.196in / 132.00mm
Displacement: 408.859 in3 / 6.7 Lt

New Holland - Tractor

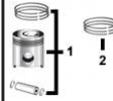
T6070
T6080



Basic Kit

- › FOK7543/6 Std.
- › FOK7544/6 0.40
- › FOK7545/6 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

6 Per Engine



Main Bearing

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

Use 6 Pairs per engine



Con Rod Bearing

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

Use 6 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

- › F2995642

2) Head Gasket

- › F2830705 1.15mm Thick
- › F2830704 1.25mm Thick

3) Valve Cover Gasket

- › F4899231 x1, Lower
- › F2853784 x1, Upper

4) Oil Pan Gasket

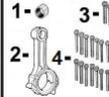
- › F4934344 Rubber
- › F4894301 Metal

5) Exhaust Manifold Gasket

- › F2830444 x6

6) Intake Manifold Gasket

- › F4899921 x1
- › F2854701 x1



1) Bush, Con Rod

- › F4892708 x6

2) Connecting Rod

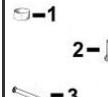
- › F2831298 x6

3) Connecting Rod Bolt

- › F2831297 x12

4) Head Bolts

- › F4891024 x12
- › F4891025 x14



1) Bushing Camshaft

- › F4895040 x1

2) Tappet

- › F4891226 x24

3) Pushrod

- › F4895031 x24

Valve Train

Valve, Intake

- › F4895052 x12

Valve, Exhaust

- › F4895051 x12

Insert, Valve Intake

- › F4897578 x12

Insert, Valve Exhaust

- › F4897106 x12

Spring, Valve

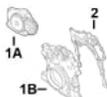
- › F4895073 x24

Lock, Valve

- › F4899081 x48

Seal, Valve Stem

- › F2831287 x24



1) Oil Pump

- › A) F4897481 x1
- › B) F2830914 x1

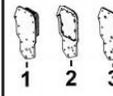
2) Gasket Oil Pump

- › F2830972 x1

3

3

5



1) Oil Cooler

- › F2853604 7 plates

2) Oil Cooler Gasket

- › F2830559 x1

3) Oil Cooler Gasket

- › F4896409 x1
- › F2831317 x1

3

3

3

3



1) Water Pump

- › F2852114 x1

2) Water Pump Seal ring

- › F2852047 x1



Injector

- › F2855135 x4
- › F2855491 x4



Repair Sleeve

- › F2995665 x6

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 F2830914

(2): Set contains Head Gasket 1.25mm Thick, Valve Stem Seals, Front and Rear Crankshaft Seals. Does not include Oil Pan Gasket.

(4): Check application for proper usage.

Engine Series:
N67

Engine Model:
F4DE & F4HE

Engine Desc:
TURBOCHARGE

Engine Data:
Tier 4 - 4
Valves per
Cylinder

Engine Info:
6 Cyl

Engine Dimensions:
Bore: 4.095in /
104.00mm
Stroke: 5.196in /
132.00mm
Displacement:
408.859 in3 /6.7
Lt

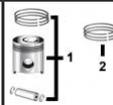
Please see
page **668** for a
complete list of
equipment
models.



Basic Kit

- › FOK4846/6 Std.
- › FOK4848/6 0.40
- › FOK2047/6 0.80

1
1
1



1) Piston & Ring Kit

- › F8094846 Std.
- › F8094848 0.40mm
- › F87582047 0.80mm

2) Ring Set

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

6 Per Engine



Main Bearing

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

Use 6 Pairs per engine



Con Rod Bearing

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

Use 6 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

- › F2995642

2) Head Gasket

- › F2830705 1.15mm Thick
- › F2830704 1.25mm Thick

3) Valve Cover Gasket

- › F4899231 x1, Lower
- › F2853784 x1, Upper

4) Oil Pan Gasket

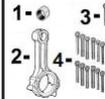
- › F4934344 Rubber
- › F4894301 Metal

5) Exhaust Manifold Gasket

- › F2830444 x6

6) Intake Manifold Gasket

- › F4899921 x1
- › F2854701 x1



1) Bush, Con Rod

- › F4892708 x6

2) Connecting Rod

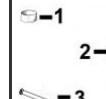
- › F2831298 x6

3) Connecting Rod Bolt

- › F2831297 x12

4) Head Bolts

- › F4891024 x12
- › F4891025 x14



1) Bushing Camshaft

- › F4895040 x1

2) Tappet

- › F4891226 x24

3) Pushrod

- › F4895031 x24

Valve Train

Valve, Intake

- › F4895052 x12

Valve, Exhaust

- › F4895051 x12

Insert, Valve Intake

- › F4897578 x12

Insert, Valve Exhaust

- › F4897106 x12

Spring, Valve

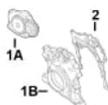
- › F4895073 x24

Lock, Valve

- › F4899081 x48

Seal, Valve Stem

- › F2831287 x24



1) Oil Pump

- › A) F4897481 x1
- › B) F2830914 x1

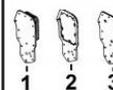
2) Gasket Oil Pump

- › F2830972 x1

3

3

5



1) Oil Cooler

- › F2853604 7 plates

2) Oil Cooler Gasket

- › F2830559 x1

3) Oil Cooler Gasket

- › F4896409 x1
- › F2831317 x1

3

3

3

3



1) Water Pump

- › F2852114 x1

2) Water Pump Seal ring

- › F2852047 x1



Injector

- › F2855135 x4
- › F2855491 x4

3

3



Repair Sleeve

- › F2995665 x6

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

(3): Verify Application.

(5): Gasket only for Oil Pump F2830914

(2): Set contains Head Gasket 1.25mm Thick, Valve Stem Seals, Front and Rear Crankshaft Seals. Does not include Oil Pan Gasket.

(4): Check application for proper usage.

Engine Series:
N67

Engine Model:
F4DE & F4HE

Engine Desc:
TURBOCHARGE

Engine Data:
Tier 4 - 4
Valves per
Cylinder

Engine Info:
6 Cyl

Engine Dimensions:
Bore: 4.095in /
104.00mm
Stroke: 5.196in /
132.00mm
Displacement:
408.859 in3 /6.7
Lt

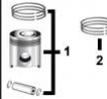
Please see page 669 for a complete list of equipment models.



Basic Kit

- FOK7256/6 Std.
- FOK7257/6 0.40
- FOK7258/6 0.80

1
1
1



1) Piston & Ring Kit

- F87317256 Std.
- F87317257 0.40mm
- F87317258 0.80mm

2) Ring Set

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

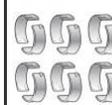
6 Per Engine



Main Bearing

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

Use 6 Pairs per engine



Con Rod Bearing

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

Use 6 Pairs per engine



Thrust Bearing

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

Use 1 pair per engine

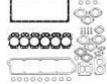


1) Front Crankshaft Seal

- F4890832

2) Rear Crankshaft Seal

- F4890833



1) O/H Gasket Set

- F2995642

2) Head Gasket

- F2830705 1.15mm Thick
- F2830704 1.25mm Thick

3) Valve Cover Gasket

- F4899231 x1, Lower
- F2853784 x1, Upper

4) Oil Pan Gasket

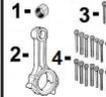
- F4934344 Rubber
- F4894301 Metal

5) Exhaust Manifold Gasket

- F2830444 x6

6) Intake Manifold Gasket

- F4899921 x1
- F2854701 x1



1) Bush, Con Rod

- F4892708 x6

2) Connecting Rod

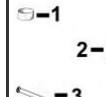
- F2831298 x6

3) Connecting Rod Bolt

- F2831297 x12

4) Head Bolts

- F4891024 x12
- F4891025 x14



1) Bushing Camshaft

- F4895040 x1

2) Tappet

- F4891226 x24

3) Pushrod

- F4895031 x24

Valve Train

Valve, Intake

- F4895052 x12

Valve, Exhaust

- F4895051 x12

Insert, Valve Intake

- F4897578 x12

Insert, Valve Exhaust

- F4897106 x12

Spring, Valve

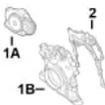
- F4895073 x24

Lock, Valve

- F4899081 x48

Seal, Valve Stem

- F2831287 x24



2) Oil Pump

- A) F4897481 x1
- B) F2830914 x1

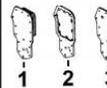
2) Gasket Oil Pump

- F2830972 x1

3

3

5



1) Oil Cooler

- F2853604 7 plates

2) Oil Cooler Gasket

- F2830559 x1

3) Oil Cooler Gasket

- F4896409 x1
- F2831317 x1

3

3

3

3



1) Water Pump

- F2852114 x1

2) Water Pump Seal ring

- F2852047 x1



Injector

- F2855135 x4
- F2855491 x4



Repair Sleeve

- F2995665 x6

3

3

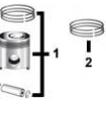
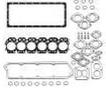
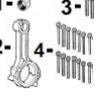
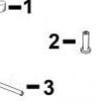
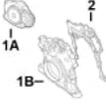
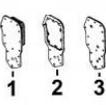
(1): Kit includes does not include the oil pan gasket; please order it separately.

(3): Verify Application.

(5): Gasket Only for Oil Pump F2830914

(2): Set contains Head Gasket 1.25mm Thick, Valve Stem Seals, Front and Rear Crankshaft Seals. Does not include Oil Pan Gasket.

(4): Check application for proper usage.

<p>Engine Series: N67</p> <p>Engine Model: F4DF, F4HE & F4HF</p> <p>Engine Desc: TURBOCHARGE</p> <p>Engine Data: Tier 4 - 4 Valves per Cylinder</p>	 <p>Basic Kit</p> <ul style="list-style-type: none"> › FOK7879/6 Std. › FOK7880/6 0.40 	 <p>1) Piston & Ring Kit</p> <ul style="list-style-type: none"> › F8097879 Std. › F8097880 0.40mm <p>2) Ring Set</p> <ul style="list-style-type: none"> › F8094845 Std. › F8094752 0.40mm <p>6 Per Engine</p>	 <p>Main Bearing</p> <ul style="list-style-type: none"> › F2995787 Std › F2995788 .254mm › F2995789 .508mm <p>Use 6 Pairs per engine</p>	 <p>Con Rod Bearing</p> <ul style="list-style-type: none"> › F8093882 Std. › F8094960 .254mm › F8094961 .508mm <p>Use 6 Pairs per engine</p>	 <p>Thrust Bearing</p> <ul style="list-style-type: none"> › F2995784 Std. › F2995785 .254mm › F2995786 .508mm <p>Use 1 pair per engine</p>
<p>Engine Info: 6 Cyl</p> <p>Engine Dimensions: Bore: 4.095in / 104.00mm Stroke: 5.196in / 132.00mm Displacement: 408.859 in3 / 6.7 Lt</p>	 <p>1) Front Crankshaft Seal</p> <ul style="list-style-type: none"> › F4890832 <p>2) Rear Crankshaft Seal</p> <ul style="list-style-type: none"> › F4890833 	 <p>1) O/H Gasket Set</p> <ul style="list-style-type: none"> › F2995642 <p>2) Head Gasket</p> <ul style="list-style-type: none"> › F2830705 1.15mm Thick › F2830704 1.25mm Thick <p>3) Valve Cover Gasket</p> <ul style="list-style-type: none"> › F4899231 x1, Lower › F2853784 x1, Upper <p>4) Oil Pan Gasket</p> <ul style="list-style-type: none"> › F4934344 Rubber › F4894301 Metal <p>5) Exhaust Manifold Gasket</p> <ul style="list-style-type: none"> › F2830444 x6 <p>6) Intake Manifold Gasket</p> <ul style="list-style-type: none"> › F4899921 x1 › F2854701 x1 	 <p>1) Bush, Con Rod</p> <ul style="list-style-type: none"> › F4892708 x6 <p>2) Connecting Rod</p> <ul style="list-style-type: none"> › F2831298 x6 <p>3) Connecting Rod Bolt</p> <ul style="list-style-type: none"> › F2831297 x12 <p>4) Head Bolts</p> <ul style="list-style-type: none"> › F4891024 x12 › F4891025 x14 	 <p>1) Bushing Camshaft</p> <ul style="list-style-type: none"> › F4895040 x1 <p>2) Tappet</p> <ul style="list-style-type: none"> › F4891226 x24 <p>3) Pushrod</p> <ul style="list-style-type: none"> › F4895031 x24 	
<p>Please see page 670 for a complete list of equipment models.</p>	<p>Valve Train</p>	<p>Valve, Intake</p> <ul style="list-style-type: none"> › F4895052 x12 <p>Valve, Exhaust</p> <ul style="list-style-type: none"> › F4895051 x12 	<p>Insert, Valve Intake</p> <ul style="list-style-type: none"> › F4897578 x12 <p>Insert, Valve Exhaust</p> <ul style="list-style-type: none"> › F4897106 x12 <p>Spring, Valve</p> <ul style="list-style-type: none"> › F4895073 x24 	<p>Lock, Valve</p> <ul style="list-style-type: none"> › F4899081 x48 <p>Seal, Valve Stem</p> <ul style="list-style-type: none"> › F2831287 x24 	
 <p>1) Oil Pump</p> <ul style="list-style-type: none"> › A) F4897481 x1 › B) F2830914 x1 <p>2) Gasket Oil Pump</p> <ul style="list-style-type: none"> › F2830972 x1 	 <p>1) Oil Cooler</p> <ul style="list-style-type: none"> › F2853604 7 plates <p>2) Oil Cooler Gasket</p> <ul style="list-style-type: none"> › F2830559 x1 <p>3) Oil Cooler Gasket</p> <ul style="list-style-type: none"> › F4896409 x1 › F2831317 x1 	 <p>1) Water Pump</p> <ul style="list-style-type: none"> › F2852114 x1 <p>2) Water Pump Seal ring</p> <ul style="list-style-type: none"> › F2852047 x1 	 <p>Injector</p> <ul style="list-style-type: none"> › F2855135 x4 › F2855491 x4 	 <p>Repair Sleeve</p> <ul style="list-style-type: none"> › F2995665 x6 	
<p>(1): Kit includes does not include the oil pan gasket; please order it separately. (3): Verify Application. (5): Gasket only for Oil Pump F2830914</p>		<p>(2): Set contains Head Gasket 1.25mm Thick, Valve Stem Seals, Front and Rear Crankshaft Seals. Does not include Oil Pan Gasket. (4): Check application for proper usage.</p>			

Engine Series:
CURSOR 9

Engine Model:
F2CC, F2CF &
F2CG

Engine Desc:
TURBOCHARGE

Engine Data:
Tier 4 - 4
Valves per
Cylinder

Engine Info:
6 Cyl

Engine Dimensions:
Bore: 4.606in /
117.00mm
Stroke: 5.314in
/ 135.00mm
Displacement:
530.907 in3 /
8.7 Lt

Please see
page 671 for a
complete list of
equipment
models.



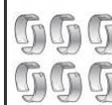
Basic Kit
› FOK5472 Std.



1) Piston-Liner-Kit
› F500055472 Std.
Consists of:
› a) F500055469
› b) F500055470
› c) F504126580
› d) F504305866
› e) F99459175/6
› f) F16873476
6 Per Engine



Main Bearing
› F2996584 Std
› F2996587 .127mm Green /
Black Marking
› F2996588 .254mm Red
Marking
› F2996589 .508mm Red
Marking
Use 6 Pairs per engine



Con Rod Bearing
› F500054902 Std. Red
Marking
› F500054906 .254mm Red
Marking
› F500054908 .508mm Red
Marking
Use 6 Pairs per engine



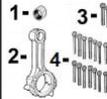
Thrust Bearing
› F2996590 Std.
Use 1 pair per engine



1) Front Crankshaft Seal
› F504042684 88 x 123 x 15mm
2) Rear Crankshaft Seal
› F504244493 130 x 160 x 13.5mm



1) O/H Gasket Set
› F8094890
2) Head Gasket Set
› F8094891
3) Head Gasket
› F504385500
4) Valve Cover Gasket
› F99446692 x1
5) Oil Pan Gasket
› F504346309 x1
6) Exhaust Manifold Gasket
› F504154202 x6
7) Intake Manifold Gasket
› F504375264 x1



1) Bush, Con Rod
› F504254668 x6
2) Connecting Rod
› F5801654901 x6
3) Connecting Rod Bolt
› F504126229 x12
4) Head Bolts
› F500354580 x26



Bushing Camshaft
› F504125778 x7

Valve Train

Valve, Intake
› F500354685 x12
Valve, Exhaust
› F5801506352 x12 -
Seat at 30° (3)
› F504368419 x12 - Seat
at 45° (3)

Guide, Valve Exhaust
› F504361838 x12
Guide, Valve Inlet
› F504361843 x12

Insert, Intake Valve
› F504361851 x12
Insert, Exhaust Valve
› F504362736 x12 - Seat
at 30° (3)
Spring, Valve
› F504125776 x24

Lock, Valve
› F98499819 x48
Seal, Valve Stem
› F5801663519 x24



Oil Pump
› F5801608329



Oil Cooler
› F504127469



1) Water Pump
› F504361543
**2) Water Pump Seal
ring**
› F17291781



Thermostat
› F504096443 x1



Turbocharger
› F5801621763

(1): Set contains Valve Stem Seals, Oil Pan Gasket, Front and
Rear Crankshaft Seals.

(2): Set contains Valve Stem Seals

(3): Check application for proper usage.