



Service Repair Manual

Model

320, 320L TRACK EXCAVATOR

Product: EXCAVATOR

Model: 320-A EXCAVATOR 8LK

Configuration: 320, 320L TRACK-TYPE EXCAVATORS 8LK00001-UP (MACHINE) POWERED BY 3066 ENGINE

Disassembly and Assembly 3064 and 3066 Engines for Caterpillar Built Machines

Media Number -SEN5553-10

Publication Date -01/05/2012

Date Updated -15/05/2012

i01564587

Turbocharger - Install

SMCS - 1052-012

Installation Procedure

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

1. Inspect the condition of all gaskets. Replace the gaskets, if necessary.

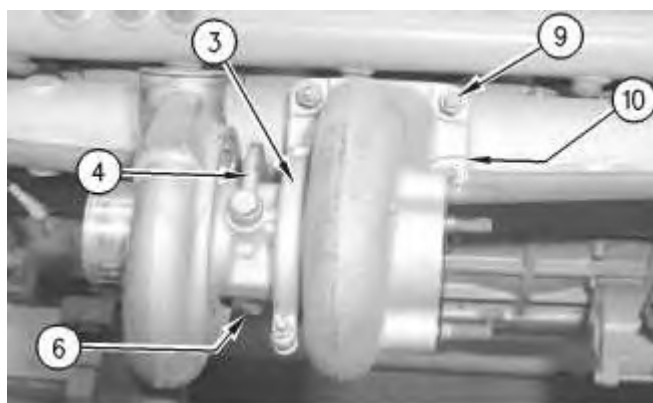


Illustration 1

g00608177

2. Install metal gasket (10) (not shown). Install turbocharger (3), oil supply line (4) and oil return line (6) (not shown) as a unit.
3. Install eight nuts (9). Tighten the nuts to a torque of 41 N·m (30 lb ft).

Note: Two nuts are installed on each turbocharger mounting stud.

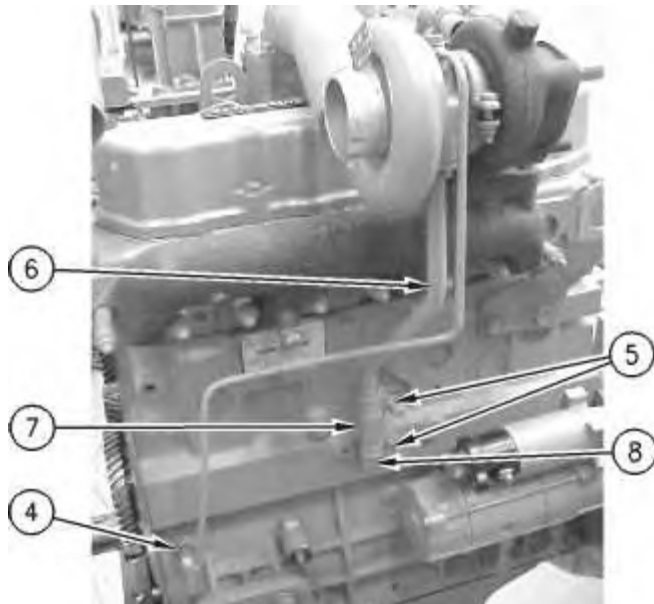


Illustration 2

g00812846

4. Slide hose (7) down the oil return line (6) onto fitting (8) .
5. Tighten two clamps (5) on hose (7) .
6. Connect oil supply line (4) to the cylinder block.

Product: EXCAVATOR

Model: 320-A EXCAVATOR 8LK

Configuration: 320, 320L TRACK-TYPE EXCAVATORS 8LK00001-UP (MACHINE) POWERED BY 3066 ENGINE

Disassembly and Assembly 3064 and 3066 Engines for Caterpillar Built Machines

Media Number -SEN5553-10

Publication Date -01/05/2012

Date Updated -15/05/2012

i01565722

Exhaust Manifold - Remove and Install

SMCS - 1059-010

Removal Procedure

Start By:

- A. Remove the turbocharger. Refer to Disassembly and Assembly, "Turbocharger - Remove".

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

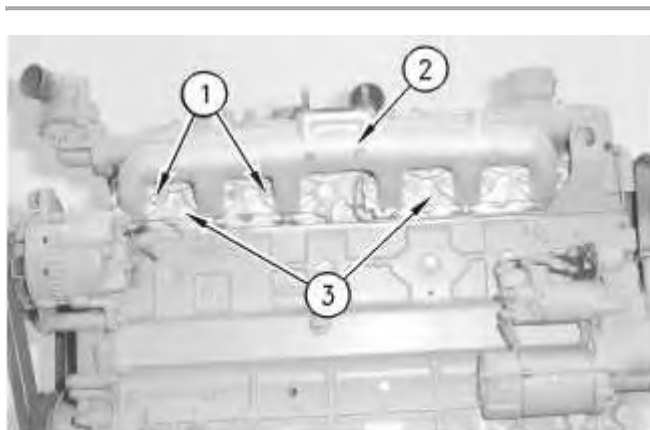


Illustration 1

g00605454

1. Remove the nuts (1) and washers that secure the exhaust manifold to the cylinder head assembly. The 3066 Engine has twelve nuts and washers while the 3064 Engine has eight nuts and washers.
2. Remove exhaust manifold (2) from the cylinder head assembly.
3. Remove exhaust manifold gasket (3) that is located between exhaust manifold (2) and the cylinder head assembly.

Note: The 3066 Engine has two exhaust manifold gaskets, while the 3064 Engine has one exhaust manifold gasket.

Installation Procedure

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

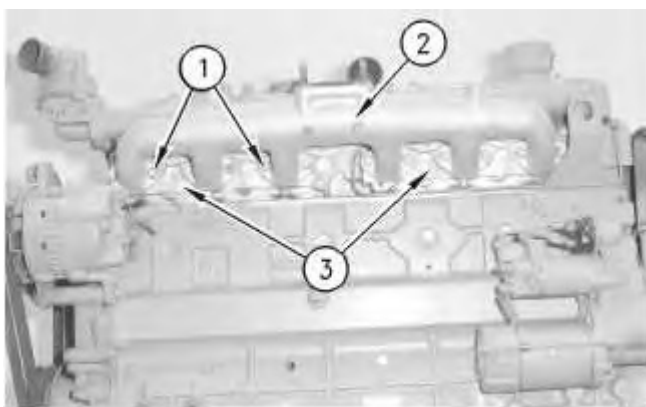


Illustration 2

g00605454

1. Install exhaust manifold gasket (3) between exhaust manifold (2) and the cylinder head assembly.

Note: The 3066 Engine has two exhaust manifold gaskets, while the 3064 Engine has one exhaust manifold gasket.

2. Place exhaust manifold (2) in position on the cylinder head.
3. Install the nuts (1) and the washers that secure the exhaust manifold to the cylinder head assembly. The 3066 Engine has twelve nuts and washers while the 3064 Engine has eight nuts and washers.

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com