



# Service Repair Manual

## **Models**

330D2 L Excavator

---

Product: EXCAVATOR

Model: 330D2 L EXCAVATOR PTE

Configuration: 330D2 L Excavators PTE00001-UP (MACHINE) POWERED BY C7.1 Engine

## Disassembly and Assembly

### C7.1 Engines

Media Number -UENR0633-19

Publication Date -01/07/2015

Date Updated -29/10/2018

i05292421

## Turbocharger - Remove - Turbocharger for Side Mounted Engines

SMCS - 1052-011

### Removal Procedure

---

#### NOTICE

**Keep all parts clean from contaminants.**

**Contaminants may cause rapid wear and shortened component life.**

---

---

#### NOTICE

**Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting and repair of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.**

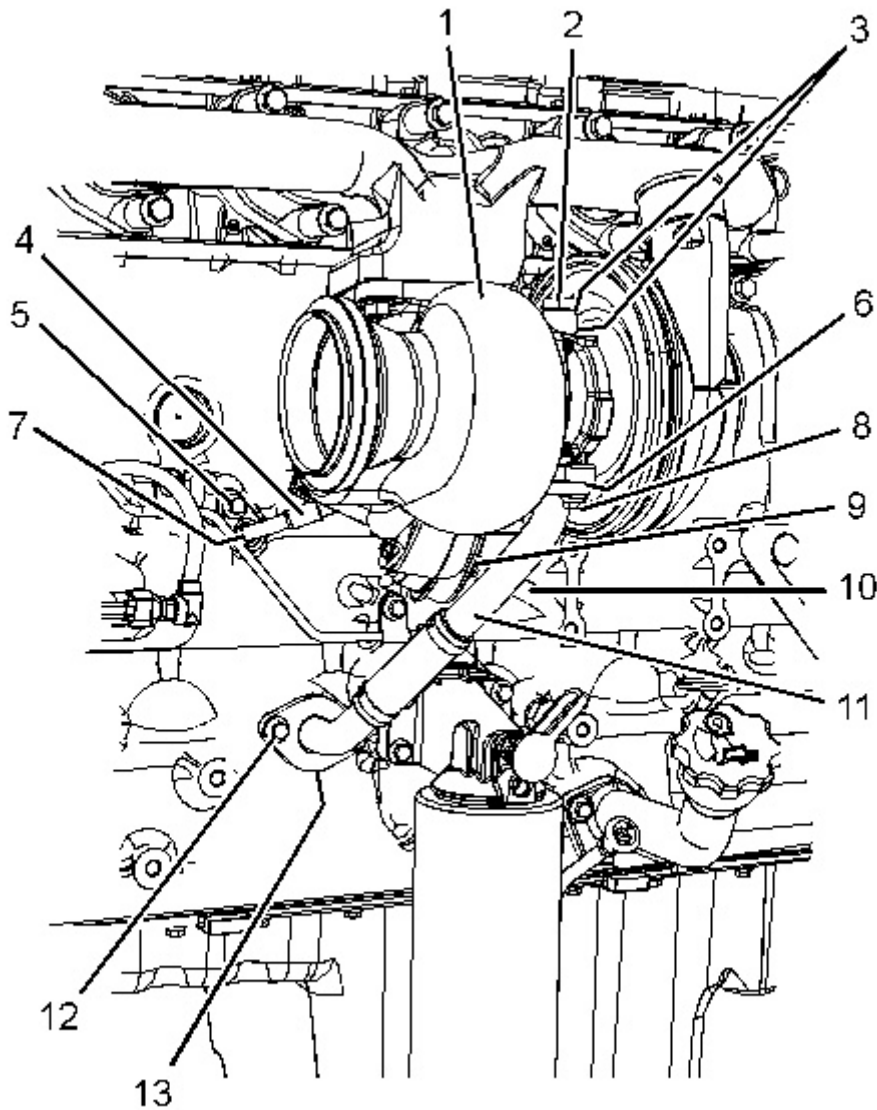
**Dispose of all fluids according to local regulations and mandates.**

---

**Note:** Plug and cap all open ports and tube assemblies.

1. Disconnect the hose assemblies from the turbocharger inlet and the turbocharger outlet. Refer to the Original Equipment Manufactures (OEM) for the correct procedure.

2. Disconnect the exhaust tube assembly. Refer to the OEM for the correct procedure.
  3. If the turbocharger has an exhaust elbow, remove the exhaust elbow. Refer to Disassembly and Assembly, "Exhaust Elbow - Remove and Install" for the correct procedure.
- 



---

Illustration 1

g03376116

4. Slide clip (9) along hose (10). Disconnect the hose from the actuator.
5. Follow Step 5.a through Step 5.d in order to remove tube assembly (4) from turbocharger (1).
  - a. Remove bolt (5).
  - b. Remove banjo bolt (2) and remove sealing washers (3) (not shown).
  - c. Remove tube assembly (4) from the cylinder block.
  - d. Remove O-ring seal (7) (not shown).

6. Follow Steps 6 through 6.d in order to remove tube assembly (11) from turbocharger (1).
- a. Remove bolts (8).
  - b. Remove bolts (12).
  - c. Remove tube assembly (11) from turbocharger (1) and the cylinder block.
  - d. Remove gasket (6) (not shown) and gasket (13) (not shown).
- 

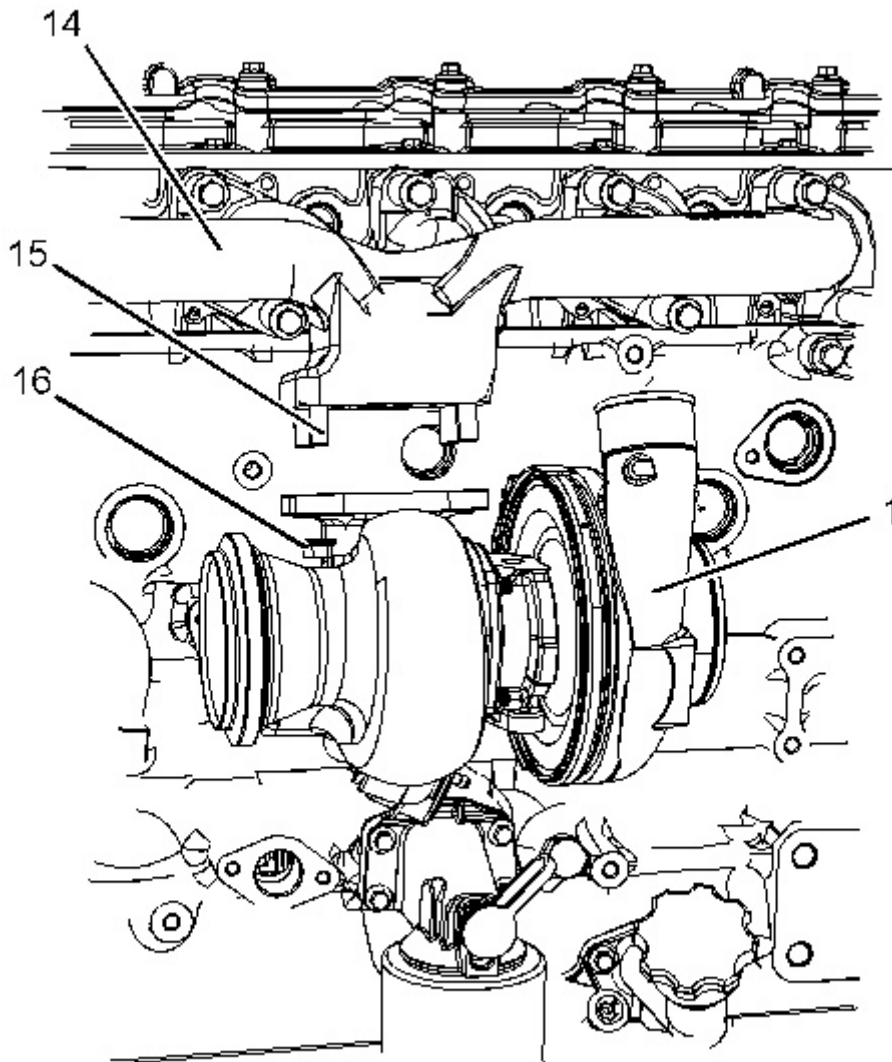


Illustration 2

g03376117

7. Remove nuts (16) from turbocharger (1). Remove turbocharger (1) from exhaust manifold (14).

**Note:** Ensure that the weight of the turbocharger is supported as the nuts are loosened.

8. If necessary, remove studs (15) from exhaust manifold (14).
-



Product: EXCAVATOR

Model: 330D2 L EXCAVATOR PTE

Configuration: 330D2 L Excavators PTE00001-UP (MACHINE) POWERED BY C7.1 Engine

## Disassembly and Assembly

### C7.1 Engines

Media Number -UENR0633-19

Publication Date -01/07/2015

Date Updated -29/10/2018

i05292425

## Turbocharger - Remove - Turbocharger for Top Mounted Engines

SMCS - 1052-011

### Removal Procedure

---

#### NOTICE

**Keep all parts clean from contaminants.**

**Contaminants may cause rapid wear and shortened component life.**

---

---

#### NOTICE

**Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting and repair of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.**

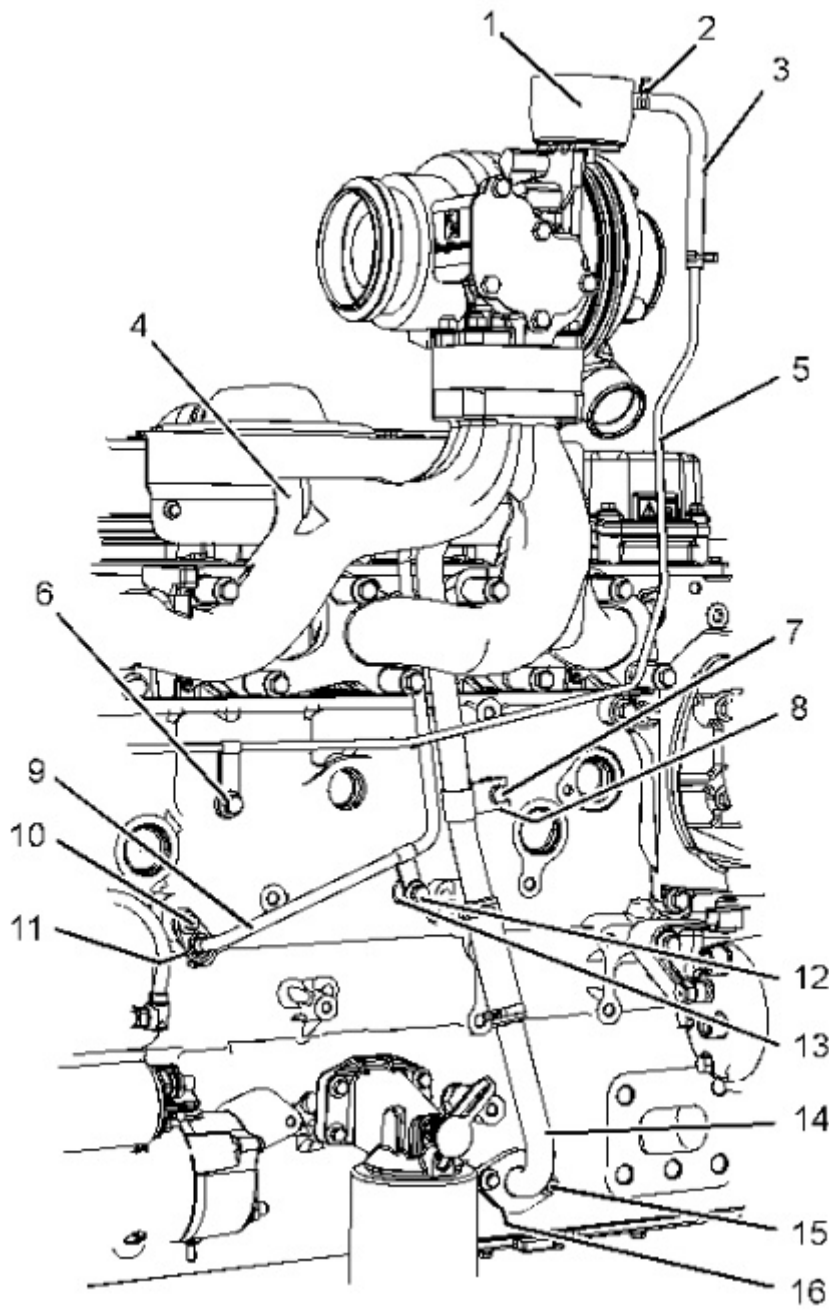
**Dispose of all fluids according to local regulations and mandates.**

---

**Note:** Plug and cap all open ports and tube assemblies.

1. Disconnect the hose assemblies from the turbocharger inlet and the turbocharger outlet. Refer to the Original Equipment Manufactures (OEM) for the correct procedure.

2. Disconnect the exhaust tube assembly. Refer to the OEM for the correct procedure.
  3. If the turbocharger has an exhaust elbow, remove the exhaust elbow. Refer to Disassembly and Assembly, "Exhaust Elbow - Remove and Install" for the correct procedure.
- 



---

Illustration 1

g03374196

4. Slide clip (2) along hose (3). Disconnect the hose from actuator (1).
5. Remove bolts (6) from the clip for tube assembly (5). Position the tube assembly away from cylinder block.
6. Remove bolt (7) and spacer (8) (not shown).

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](mailto:ebooklibonline@outlook.com)