# **CATERPILLAR®**

## Service Repair Manual

### Models

## 336D and 336D L Excavator

«Product: EXCAVATOR
Model: 336D EXCAVATOR KKT
Configuration: 336D & 336D L Excavators KKT00001-UP (MACHINE) POWERED BY C9 Engine

Disassembly and Assembly 330D, 336D, 336D2, 340D and 340D2 Excavators and 336D MHPU Mobile Hydraulic Power Unit C9 Engine Supplement Media Number -RENR8647-16 Publication Date -01/10/2015 Date Updated -26/10/2015

i02417236

### **Engine Oil Filter Base - Assemble**

SMCS - 1306-016; 1306

#### **Assembly Procedure**

**Note:** Cleanliness is an important factor. Before assembly, all parts should be thoroughly cleaned in cleaning fluid. Allow the parts to air dry. Wiping cloths or rags should not be used to dry parts. Lint may be deposited on the parts which may cause later trouble. Inspect all parts. If any parts are worn or damaged, use new parts for replacement.

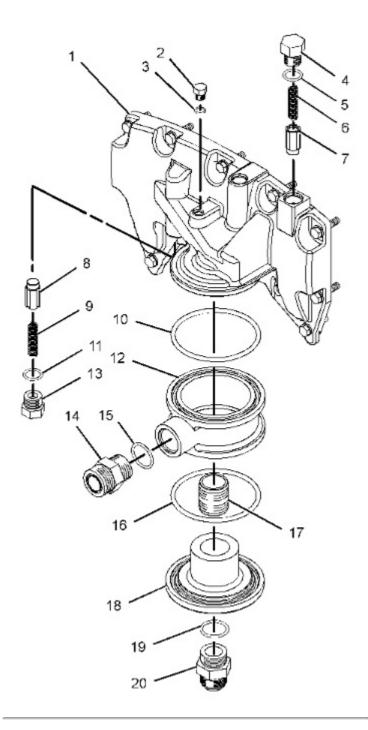


Illustration 1

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Improper assembly of parts that are spring loaded can cause bodily injury.

To prevent possible injury, follow the established assembly procedure and wear protective equipment.

- 1. Install valve (7), spring (6), O-ring seal (5), and plug (4) into engine oil filter base (1).
- 2. Install valve (8), spring (9), O-ring seal (11), and plug (13) into engine oil filter base (1).
- 3. Install O-ring seal (3) and plug (2).
- 4. Install O-ring seal (10) and adapter (12).
- 5. Install O-ring seal (15) and connector (14).
- 6. Install stud (17).
- 7. Install O-ring seal (16) and cover (18).
- 8. Install O-ring seal (19) and connector (20).

#### End By:

a. Install the engine oil filter base. Refer to Disassembly and Assembly, "Engine Oil Filter Base - Install".

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### **Engine Oil Filter Base - Install**

SMCS - 1306-012

#### **Installation Procedure**

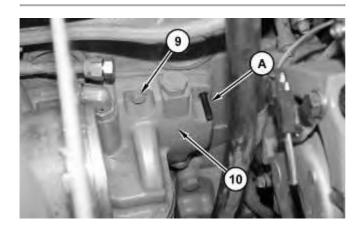
 
 Table 1

 Required Tools

 Tool
 Part Number
 Part Description
 Qty

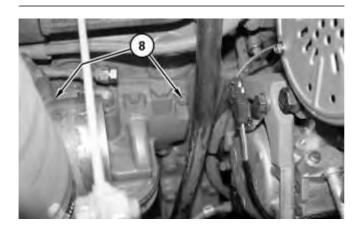
 A
 Guide Stud M8 - 1.25 by 65 mm
 2

**Note:** Cleanliness is an important factor. Before assembly, all parts should be thoroughly cleaned in cleaning fluid. Allow the parts to air dry. Wiping cloths or rags should not be used to dry parts. Lint may be deposited on the parts which may cause later trouble. Inspect all parts. If any parts are worn or damaged, use new parts for replacement.



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- 1. Install the gasket and engine oil filter base (10) over Tooling (A).
- 2. Install bolts (9).





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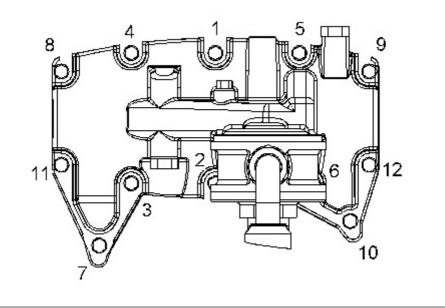


Illustration 3

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3. Remove Tooling (A) and install bolts (8). Refer to Illustration 3 for the correct tightening sequence.

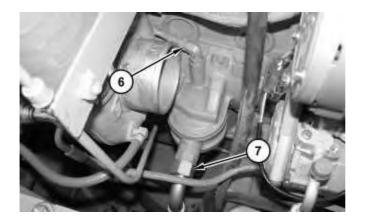


Illustration 4

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4. Connect hose assemblies (6) and (7).

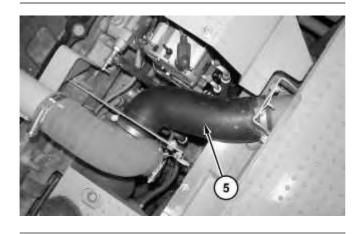


Illustration 5

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5. Install hose (5).

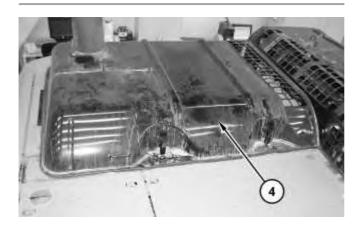


Illustration 6

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6. Close engine hood (4).

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