



Service Repair Manual

Models

336D2, 336D2 L and
336D2 GC Excavator

Product: EXCAVATOR

Model: 336D2 GC EXCAVATOR FBT

Configuration: 336D2, 336D2 L & 336D2 GC Excavators FBT00001-UP (MACHINE) POWERED BY C9 Engine

Disassembly and Assembly 336D2/336D2 GC Excavator Engine Supplement

Media Number -M0065624-02

Publication Date -01/09/2015

Date Updated -10/08/2018

i06902221

Engine Oil Filter and Oil Filter Base - Remove and Install

SMCS - 1306-010; 1308-010

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	187-2718	Filter Wrench	1
B	-	LOCTITE 263	-
	-	LOCTITE 270 ⁽¹⁾	-

⁽¹⁾ Europe Only



Illustration 1

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1. Open door (1).

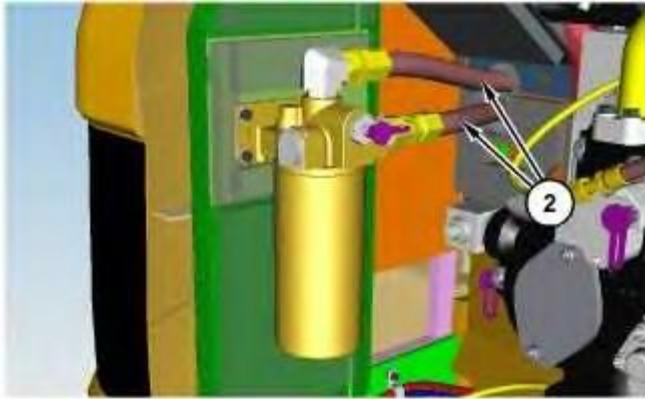


Illustration 2

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2. Disconnect hose assemblies (2).

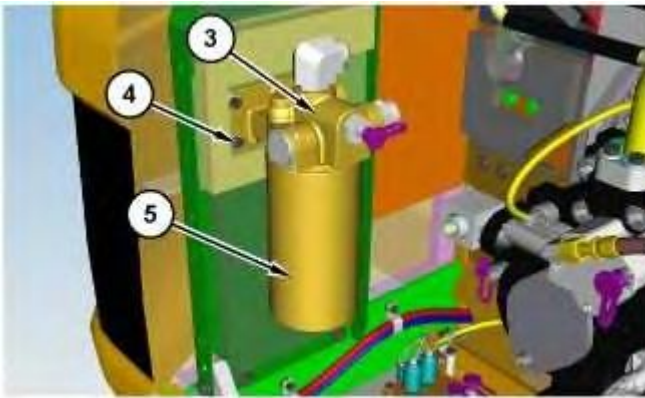


Illustration 3

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3. Use Tooling (A) to remove engine oil filter (5).
4. Remove bolts (4) and engine oil filter base (3).

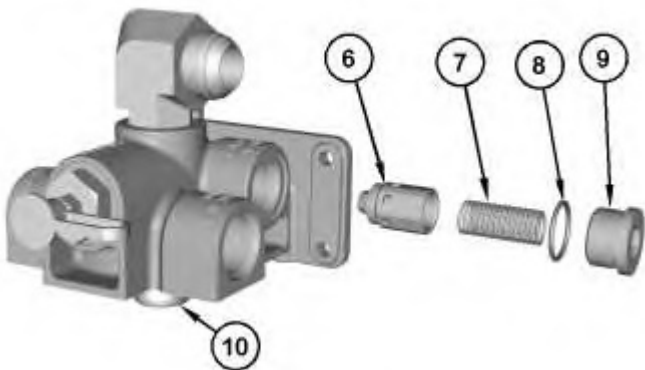


Illustration 4

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 **WARNING**

Personal injury can result from being struck by parts propelled by a released spring force.

Make sure to wear all necessary protective equipment.

Follow the recommended procedure and use all recommended tooling to release the spring force.

5. Remove plug (9), O-ring seal (8), spring (7), and plunger (6).
6. If necessary, remove stud (10).

Installation Procedure

1. Install engine oil filter base (3) in the reverse order of removal.
 - a. Apply Tooling (B) to the threads of stud (10). Apply Tooling (B) to a length of 20.0 ± 0.8 mm (0.79 ± 0.03 inch) on stud (10).
 - b. Tighten stud (10) to a torque of 68 ± 7 N·m (50 ± 5 lb ft).

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i06598847

Engine Oil Cooler - Remove and Install

SMCS - 1378-010

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	-	Loctite 242	-

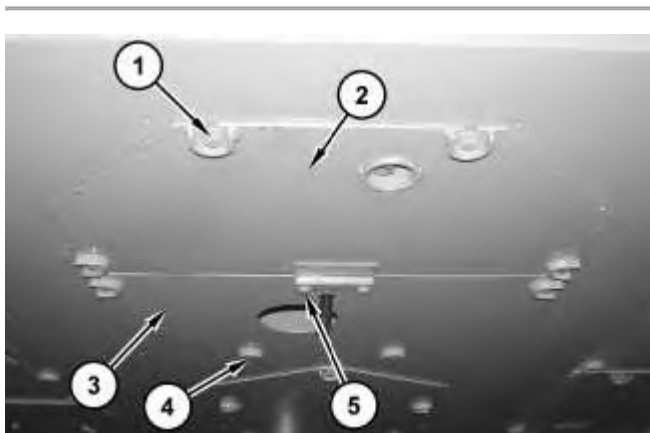


Illustration 1

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1. Remove two bolts (5).
2. Remove bolts (1) and plate assembly (2).
3. Remove bolts (4) and plate assembly (3).

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