# **CATERPILLAR®**

# Service Repair Manual

## Model

# 235C EXCAVATOR

Model: 235C EXCAVATOR 5AF

Configuration: 235C EXCAVATOR 5AF00001-UP (MACHINE) POWERED BY 3306 ENGINE

## **Disassembly and Assembly**3304B and 3306B Engines for Caterpillar Built Machines

Media Number -SENR5598-09

Publication Date -01/01/2013

Date Updated -25/01/2013

i00917143

### **Fuel Filter Base - Remove and Install**

**SMCS - 1262-010** 

### **Removal Procedure**

#### Table 1

Required Tools				
Tool	Part Number	Part Description	Qty	
A	2P-8250	Strap Wrench Assembly	1	

#### **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 machine. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.

Refer to Special Publication, NENG2500, "Caterpillar Tools and Shop Products Guide", for tools and supplies suitable to collect and contain fluids in Caterpillar machines.

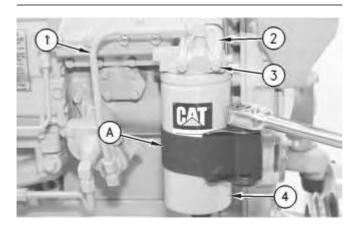


Illustration 1 g00468389

- 1. Use Tool (A) to remove fuel filter (4).
- 2. Disconnect fuel line (1) from fuel filter base (2).
- 3. Remove two bolts (3), the washers, fuel filter base (2) and the gasket from the fuel injection pump housing.

## **Installation Procedure**

Table 2

Required Tools				
Tool	Part Number	Part Description	Qty	
A	2P-8250	Strap Wrench Assembly	1	

#### **NOTICE**

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

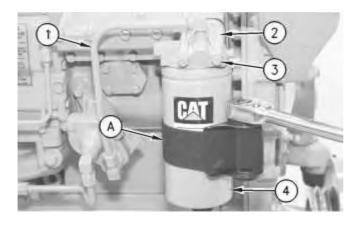


Illustration 2 g00468389

**Note:** Check the condition of the gaskets. If the gaskets are worn or damaged, use new parts for replacement.

- 1. Install the gasket, fuel filter base (2), the washers and two bolts (3) on the fuel injection pump housing.
- 2. Connect fuel line (1) to fuel filter base (2).
- 3. Use Tool (A) to install fuel filter (4).

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## **Disassembly and Assembly**3304B and 3306B Engines for Caterpillar Built Machines

Media Number -SENR5598-09

Publication Date -01/01/2013

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## **Fuel Transfer Pump - Remove**

SMCS - 1256-011

### **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 machine. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.

Refer to Special Publication, NENG2500, "Caterpillar Tools and Shop Products Guide", for tools and supplies suitable to collect and contain fluids in Caterpillar machines.

Dispose of all fluids according to local regulations and mandates.

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