



# Service Repair Manual

## **Models**

320C S Hydraulic Excavator

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Product: EXCAVATOR

Model: 320C EXCAVATOR BMZ

Configuration: 320C S Hydraulic Excavator BMZ00001-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

i01564836

# Fuel Filter Base - Remove and Install

SMCS - 1262-010

## Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	185-3630	Strap Wrench Assembly	1

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### NOTICE

**Keep all parts clean from contaminants.**

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

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### 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.**

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

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

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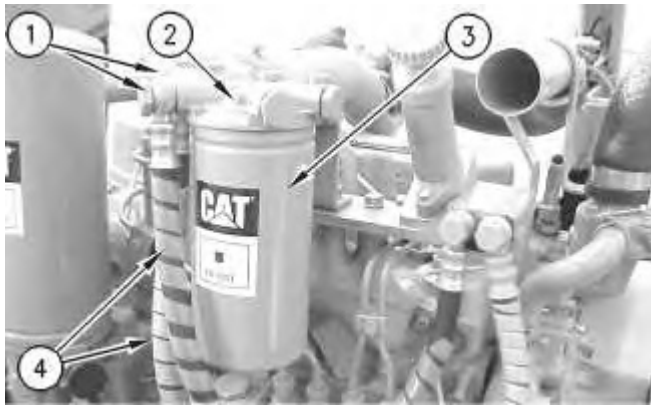


Illustration 1

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1. Use Tool (A) to remove fuel filter (3) from fuel filter base (2) .

**Note:** It is not necessary to remove the fuel filter in order to remove the fuel filter base.

2. Remove banjo bolts (1) and copper washers in order to disconnect the fuel lines (4) from the fuel filter base (2).

**Note:** Cap all openings or plug all openings immediately in order to prevent contamination of the fuel system.

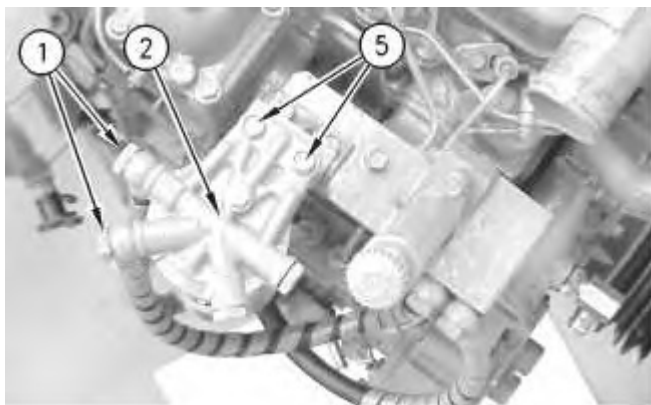


Illustration 2

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3. Remove two bolts (5) and the washers that secure the fuel filter base (2) to the air inlet manifold. Remove the fuel filter base (2) from the fuel filter bracket.

## **Installation Procedure**

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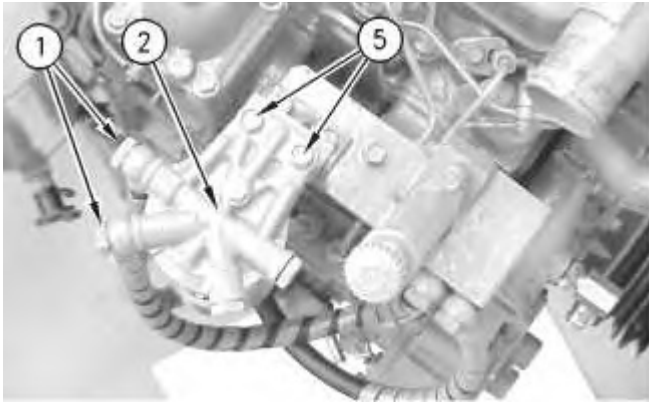


Illustration 3

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1. Place the fuel filter base (2) in position on the fuel filter bracket. Install the washers and two bolts (5) that secure the fuel filter base to the fuel filter bracket.

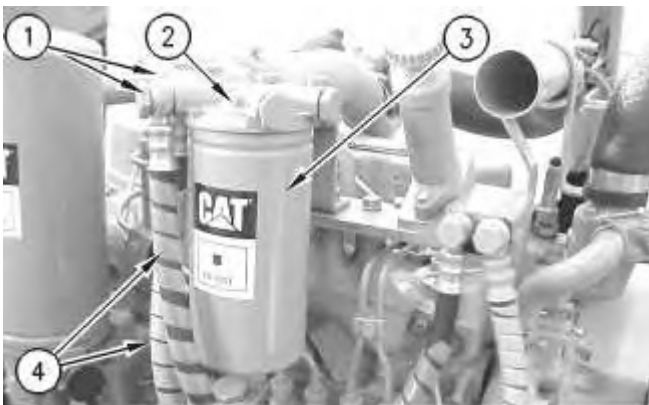


Illustration 4

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2. Install the banjo bolts (1) and install new copper washers in order to connect the fuel lines (4) to the fuel filter base (2).
  3. If the fuel filter was removed, install the fuel filter (3) to the fuel filter base (2). Tighten the fuel filter by hand according to the instructions that are shown on the fuel filter. Do not overtighten the fuel filter.
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Media Number -SEN5553-10

Publication Date -01/05/2012

Date Updated -15/05/2012

i01565021

# **Fuel Injection Lines - Remove and Install**

SMCS - 1252-010

## **Removal Procedure**

### **Start By:**

- A. Remove the fuel filter base. Refer to Disassembly and Assembly, "Fuel Filter Base - Remove and Install".

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

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