



# Service Repair Manual

## **Model**

235 EXCAVATOR

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Product: EXCAVATOR

Model: 235 EXCAVATOR 81X

Configuration: 235 EXCAVATOR 81X00404-UP (MACHINE) POWERED BY 3306 ENGINE

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

Media Number -SEN5598-09

Publication Date -01/01/2013

Date Updated -25/01/2013

i00903481

## **Fuel Ratio Control - Install**

SMCS - 1278-012

## **Installation Procedure**

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### **NOTICE**

**Keep all parts clean from contaminants.**

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

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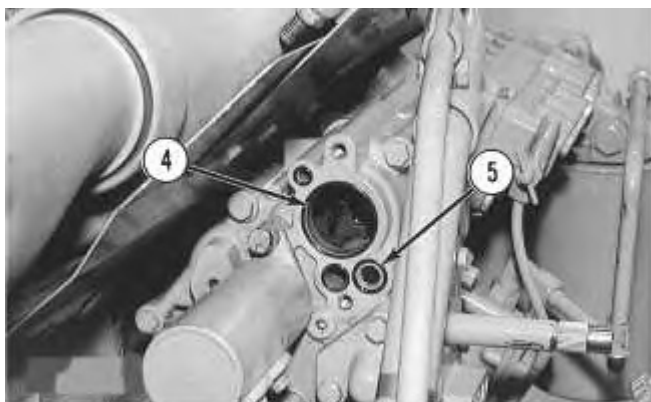


Illustration 1

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1. Screen assembly (5) and four O-ring seals (4) should be inspected, replaced and installed.
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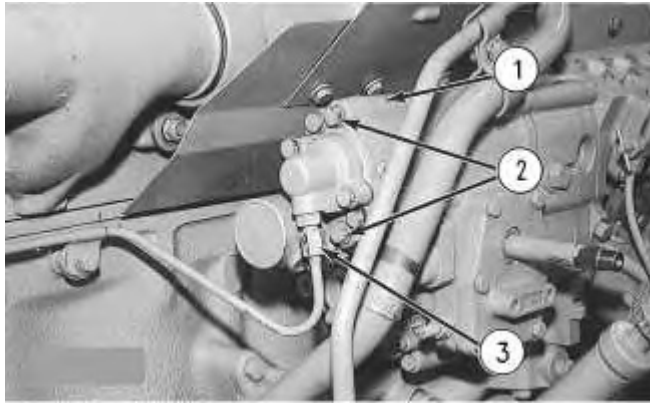


Illustration 2

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2. Put fuel ratio control (1) in position and engage the fuel ratio control with the lever assembly in the governor.
3. Install bolts (2) that hold the fuel ratio control and connect fuel pressure line (3) to fuel ratio control (1). Refer to Testing and Adjusting, "Fuel System" for more information on the adjustment procedure for the fuel ratio control.

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Media Number -SEN5598-09

Publication Date -01/01/2013

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i00879991

# Fuel Shutoff Solenoid - Remove and Install

SMCS - 1259-010

## Removal Procedure

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### NOTICE

**Keep all parts clean from contaminants.**

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

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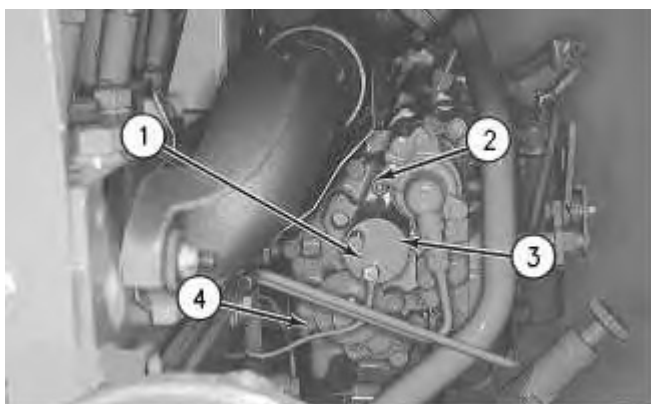


Illustration 1

g00475568

1. Remove nut (1) and the washer. Disconnect ground wire (4) from the fuel shutoff solenoid.
2. Remove two nuts (2) and the washers.

3. Remove fuel shutoff solenoid (3) and the gasket.

## Installation Procedure

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### NOTICE

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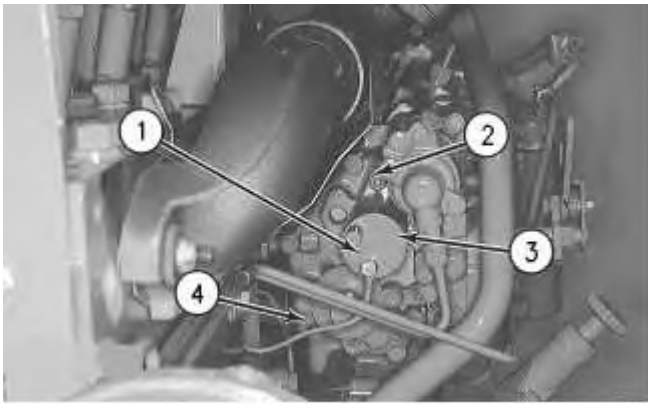


Illustration 2

g00475568

1. Install the gasket and fuel shutoff solenoid (3) .
2. Apply **9S-3263** Thread Lock Compound on the threads for two nuts (2) .
3. Install the washers and two nuts (2) .
4. Connect ground wire (4) to the fuel shutoff solenoid. Install nut (1) and the washer.

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