# **CATERPILLAR®**

# Service Repair Manual

## **Models**

325C EXCAVATOR

Model: 325C EXCAVATOR DTF

Configuration: 325C Material Handler DTF00001-UP (MACHINE) POWERED BY 3126 Engine

## **Disassembly and Assembly** 325C Excavator 3126B Engine Supplement

Media Number -RENR5368-03 Publication Date -01/04/2007

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i01924946

### **Alternator - Remove and Install - Engine in Chassis**

**SMCS - 1405-010** 

#### **Removal Procedure**

**Note:** Put identification marks on all wires for installation purposes.

1. Disconnect the positive battery terminal. This will prevent any damage to the wiring or the alternator.

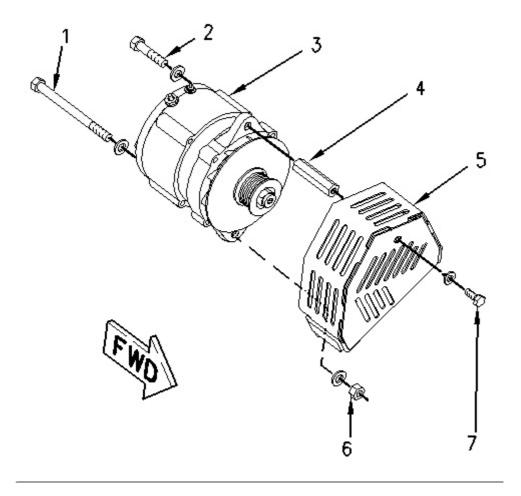


Illustration 1 g01003392

The above Illustration is a reference for the following steps.

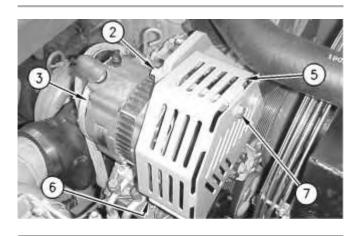


Illustration 2 g01003456

- 2. Remove bolt (7).
- 3. Remove nut (6) from lower bolt (1) on alternator (3). Do not remove bolt (1) at this time.
- 4. Remove guard (5).

#### 5. Remove spacer (4) and bolt (2).



Illustration 3 g01003460

#### 6. Remove belt (8) from the alternator.



Illustration 4 g01003492

#### 7. Disconnect cable assemblies (9).

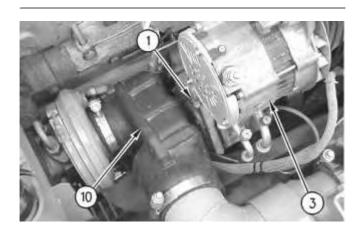


Illustration 5 g01001819

- 8. Remove rubber boot (10).
- 9. Remove lower bolt (1) and alternator (3).

### **Installation Procedure**

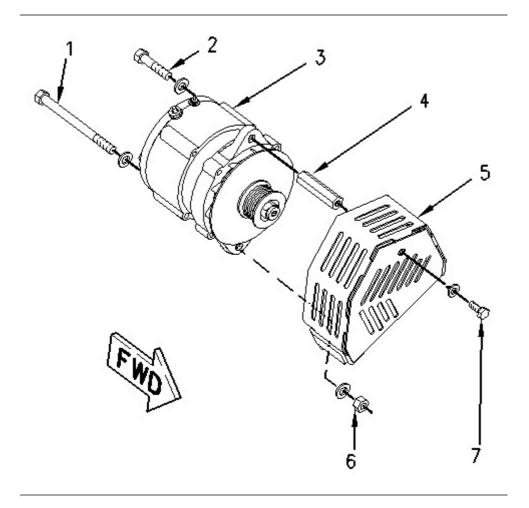


Illustration 6 g01003392

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