



# Service Manual

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## 252B SKID STEER LOADER

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S/N SCP00001-04599

KENR5114 236B, 246B, 272C Skid Steer Loaders Engine Supplement ____	2
KENR6941 C3.4 Engines for Caterpillar Built Machines _____	126
RENr4863 236B, 262B Skid Steer Loaders Engine Supplement _____	465
RENr4864 236B, 236B2, 262B Skid Steer Loaders Power Train _____	589
RENr4868 236B, 236B2, 262B Skid Steer Loaders Machine Systems ____	687
RENr7582 3044C Industrial Engine Caterpillar Built Machines _____	887
SENr9823 3044C Engine for Caterpillar Built Machines _____	1088
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Product: SKID STEER LOADER

Model: 252B SKID STEER LOADER SCP

Configuration: 236B 246B 252B 262B SKID STEER LOADER SCP00001-04599 (MACHINE) POWERED BY 3044C Engine

## **Disassembly and Assembly 236B, 246B, 246C, 252B, 256C, 262B, 262C, 262C2 and 272C Skid Steer Loaders Engine Supplement**

Media Number -KENR5114-03

Publication Date -01/04/2011

Date Updated -19/04/2011

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## **Air Cleaner - Remove and Install**

SMCS - 1051-010

### **Removal Procedure**

1. Tilt the radiator. Refer to Operation and Maintenance Manual, "Radiator Tilting".

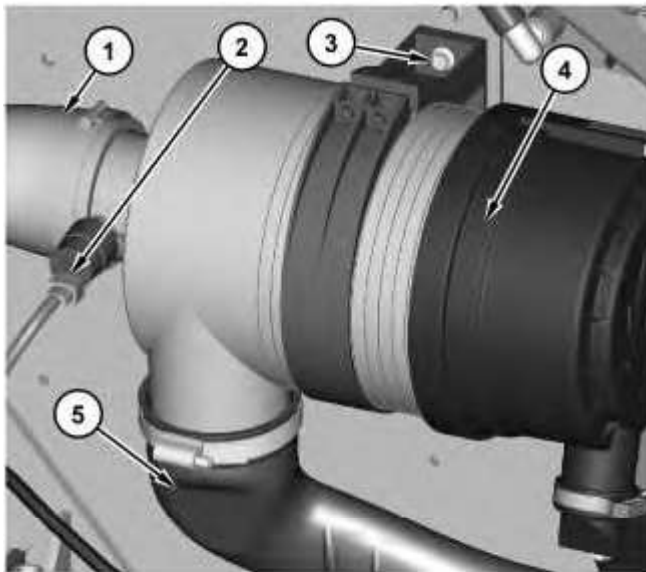


Illustration 1

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2. Disconnect harness assembly (2). Disconnect hoses (1) and (5). Remove bolts (3) and air cleaner (4) .

## Installation Procedure

1. Tilt the radiator. Refer to Operation and Maintenance Manual, "Radiator Tilting".

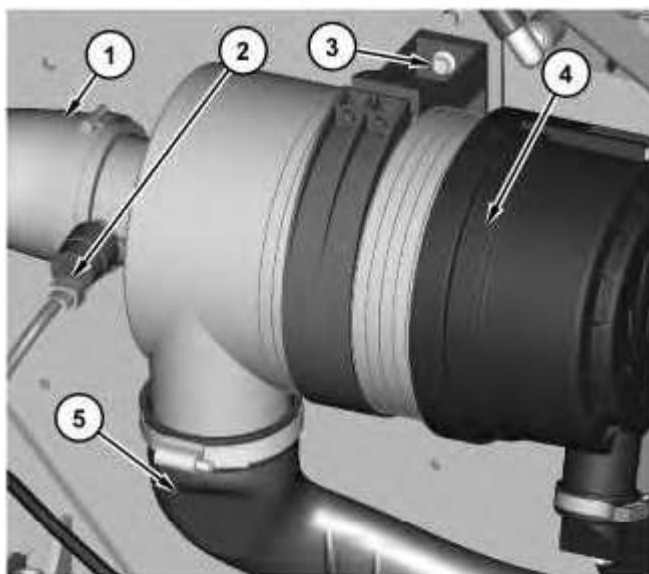
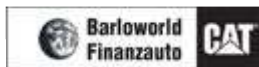


Illustration 2

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2. Position air cleaner (4) and install bolts (3). Connect hoses (1) and (5). Connect harness assembly (2) .
3. Tilt the radiator back to the original position. Refer to Operation and Maintenance Manual, "Radiator Tilting".



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### **Disassembly and Assembly 236B, 246B, 246C, 252B, 256C, 262B, 262C, 262C2 and 272C Skid Steer Loaders Engine Supplement**

Media Number -KENR5114-03

Publication Date -01/04/2011

Date Updated -19/04/2011

i03037625

## **Alternator - Remove and Install**

SMCS - 1405-010

S/N - HEN1-UP

S/N - PAT1-UP

S/N - PDT1-UP

S/N - SCP1-UP

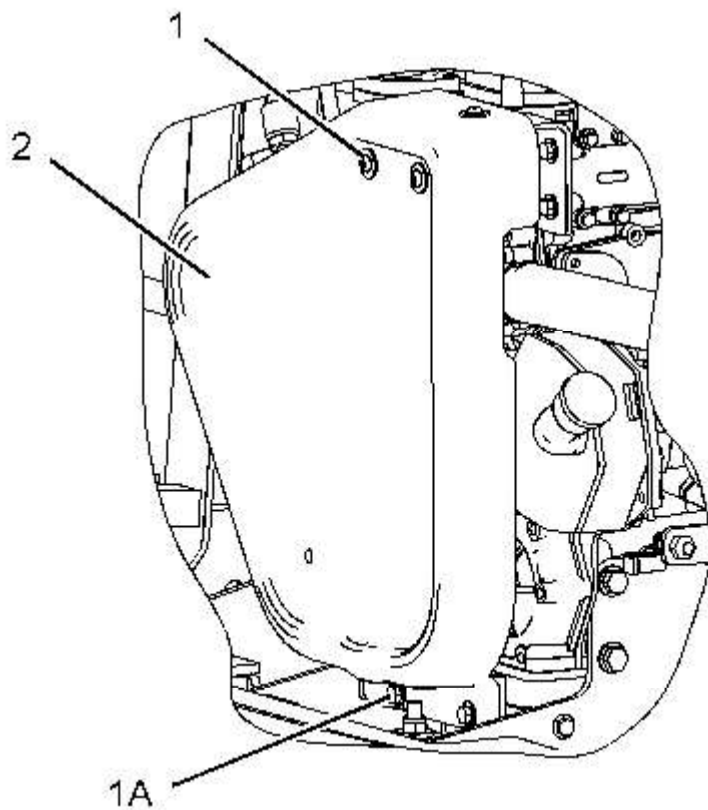
## **Removal Procedure**

### **Start By:**

- A. Disconnect the battery. Refer to Disassembly and Assembly, "Battery and Battery Cable - Separate and Connect".

**Note:** The muffler has been removed for clarity.

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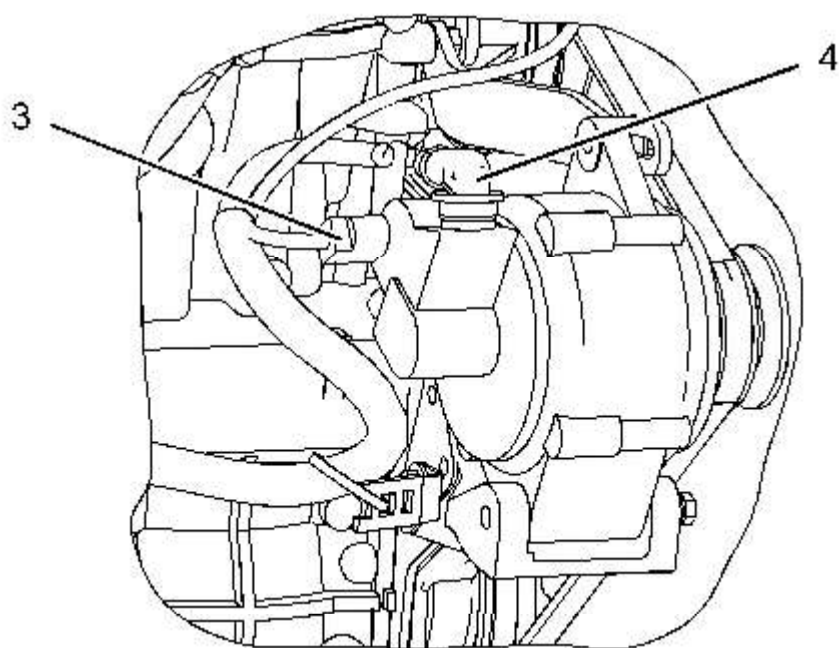


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Illustration 1

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1. Remove bolts (1A) and screws (1) . Remove cover (2) .
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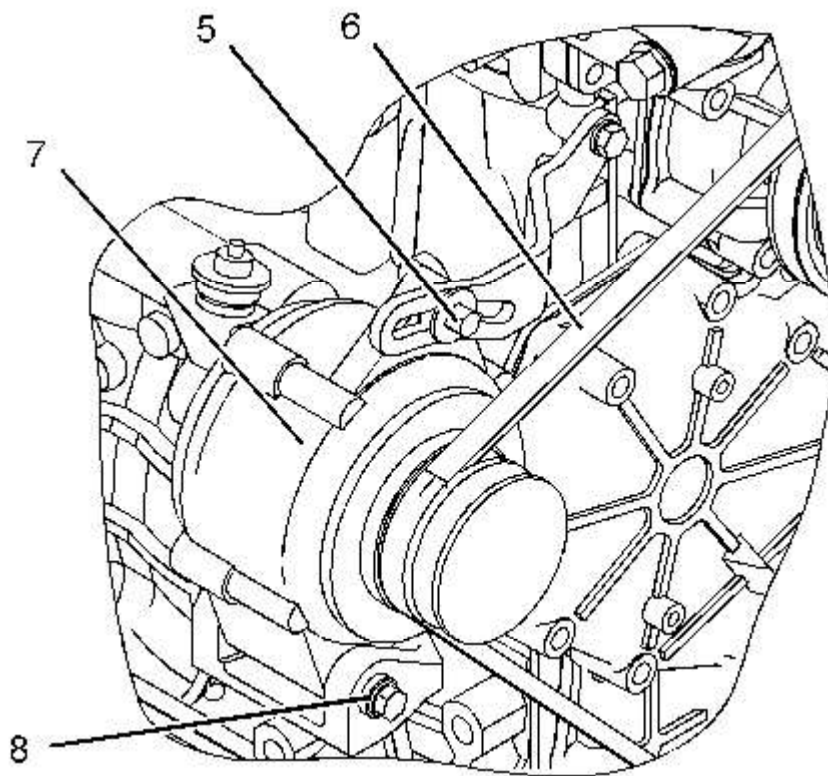
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Illustration 2

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2. Disconnect harness assembly (3) . Raise the boot and disconnect harness assembly (4) .
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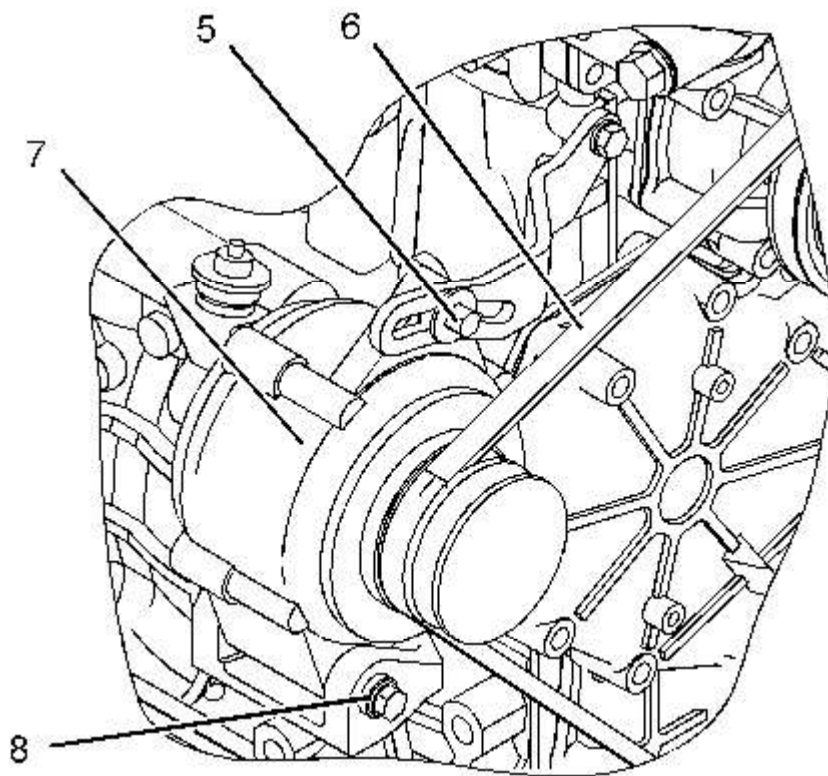
Illustration 3

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3. Loosen bolts (5) and (8) . Remove belt (6) and remove alternator (7) .

## Installation Procedure

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Illustration 4

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1. Install alternator (7) . Install belt (6) . Refer to Operation and Maintenance Manual, "Belt - Inspect/Adjust/Replace" for more information. Tighten bolts (5) and (8) .
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