



# Service Manual

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**236D3 SKID STEER LOADER**

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S/N AZ600001-UP

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Product: SKID STEER LOADER

Model: 236D3 SKID STEER LOADER AZ6

Configuration: 236D3 Skid Steer Loader AZ600001-UP (MACHINE) POWERED BY C3.3B Engine

## Disassembly and Assembly

**253D3, 279D3, 289D3 Compact Track Loaders and 257D3 Multi Terrain Loader and 236D3, 242D3, 246D and 262D3 Skid Steer Loaders Engine Supplement**

Media Number -M0097942-00

Publication Date -01/07/2013

Date Updated -08/11/2019

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## Air Cleaner - Remove and Install

SMCS - 1051-010

### Removal Procedure


**WARNING**

**Hot engine components can cause injury from burns. Before performing maintenance on the engine, allow the engine and the components to cool.**



Illustration 1

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1. Open door assembly (1). Raise radiator and hydraulic oil cooler (2).



Illustration 2

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2. Disconnect hose (3) and harness assembly (4).



Illustration 3

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3. Remove cover (5).



Illustration 4

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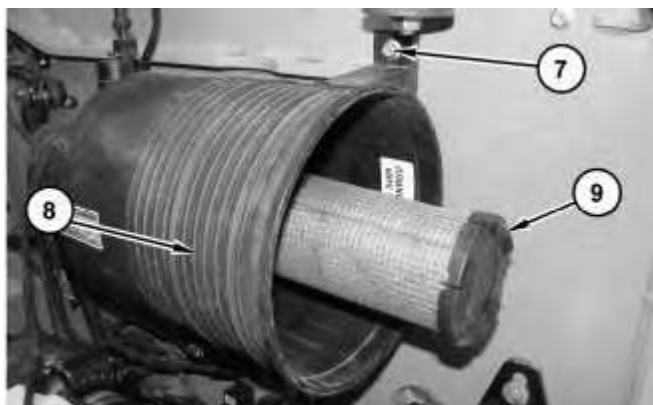


Illustration 5

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4. Remove filter element (6) and filter element (9).
5. Remove bolts (7) and air cleaner housing (8).

## Installation Procedure

1. Install air cleaner housing (8) in the reverse order of removal.

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Product: SKID STEER LOADER

Model: 236D3 SKID STEER LOADER AZ6

Configuration: 236D3 Skid Steer Loader AZ600001-UP (MACHINE) POWERED BY C3.3B Engine

## Disassembly and Assembly

### 253D3, 279D3, 289D3 Compact Track Loaders and 257D3 Multi Terrain Loader and 236D3, 242D3, 246D and 262D3 Skid Steer Loaders Engine Supplement

Media Number -M0097942-00

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## Alternator - Remove and Install

SMCS - 1405-010

### Removal Procedure

1. Refer to Operation and Maintenance Manual, "Belts - Inspect/Adjust/Replace".
2. Refer to Operation and Maintenance Manual, "Battery or Battery Cable - Inspect/Replace".



Illustration 1

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3. Remove cover (1).



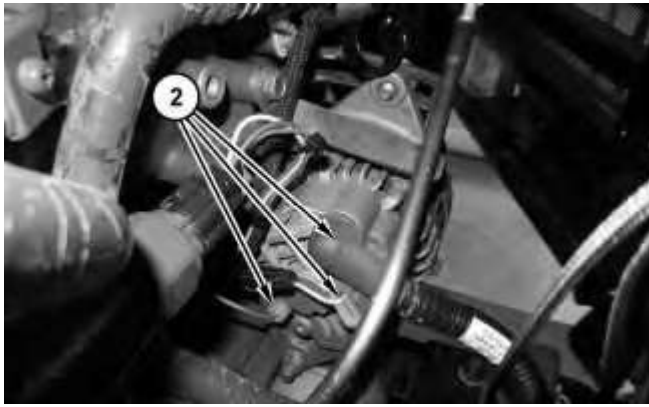


Illustration 2

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4. Disconnect harness assemblies (2).

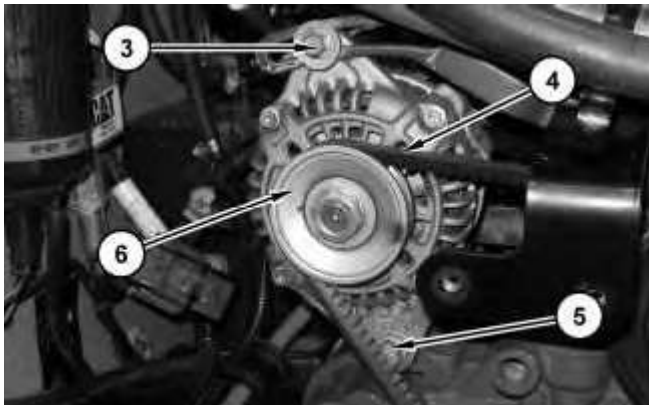


Illustration 3

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5. Loosen bolt (3). Remove belt (4), remove bolt (5), and alternator (6).

## Installation Procedure

1. Install alternator (6) in the reverse order of removal.

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Product: SKID STEER LOADER

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Configuration: 236D3 Skid Steer Loader AZ600001-UP (MACHINE) POWERED BY C3.3B Engine

## Disassembly and Assembly

**253D3, 279D3, 289D3 Compact Track Loaders and 257D3 Multi Terrain Loader and 236D3, 242D3, 246D and 262D3 Skid Steer Loaders Engine Supplement**

Media Number -M0097942-00

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## Battery and Battery Cable - Separate and Connect

SMCS - 1401-029-KA

### Removal Procedure

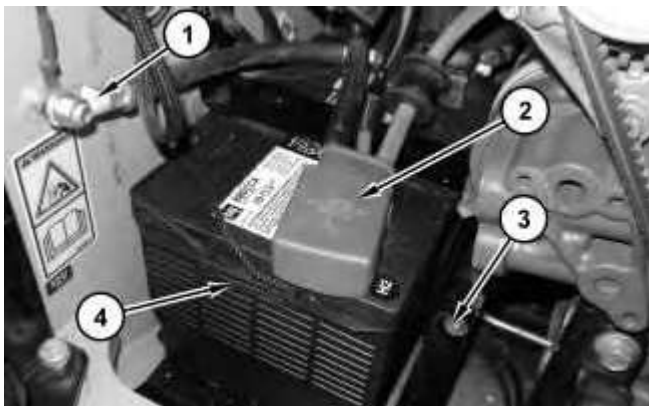


Illustration 1

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1. Remove negative battery cable (1) .
2. Disconnect positive battery cable (2) .
3. Remove bracket (3) . Remove battery (4) . The weight of battery (4) is approximately 23 kg (50 lb).

### Installation Procedure

1. Install battery (4) in the reverse order of removal.
  - a. Tighten positive battery cable (2) to a torque of  $7 \pm 2 \text{ N}\cdot\text{m}$  ( $62 \pm 18 \text{ lb in}$ ).