



Service Manual

216B SKID STEER LOADER

RLL

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Product: SKID STEER LOADER

Model: 216B SKID STEER LOADER RLL04537

Configuration: 216B 226B 232B 242B Skid Steer Loader RLL00001-06799 (MACHINE) POWERED BY 3024C Engine

Disassembly and Assembly

C1.5 and C2.2 Engines for Caterpillar Built Machines

Media Number -KENR6948-04

Publication Date -01/06/2015

Date Updated -30/06/2016

i02601956

Alternator - Remove and Install - 55 Amp Alternator

SMCS - 1405-010

Removal Procedure

Start By:

- a. Remove the V-Belt. Refer to Disassembly and Assembly, "V-Belts - Remove and Install".

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

1. Turn the battery disconnect switch to the OFF position.
 2. Make temporary identification marks on the connections of the harness assembly.
-

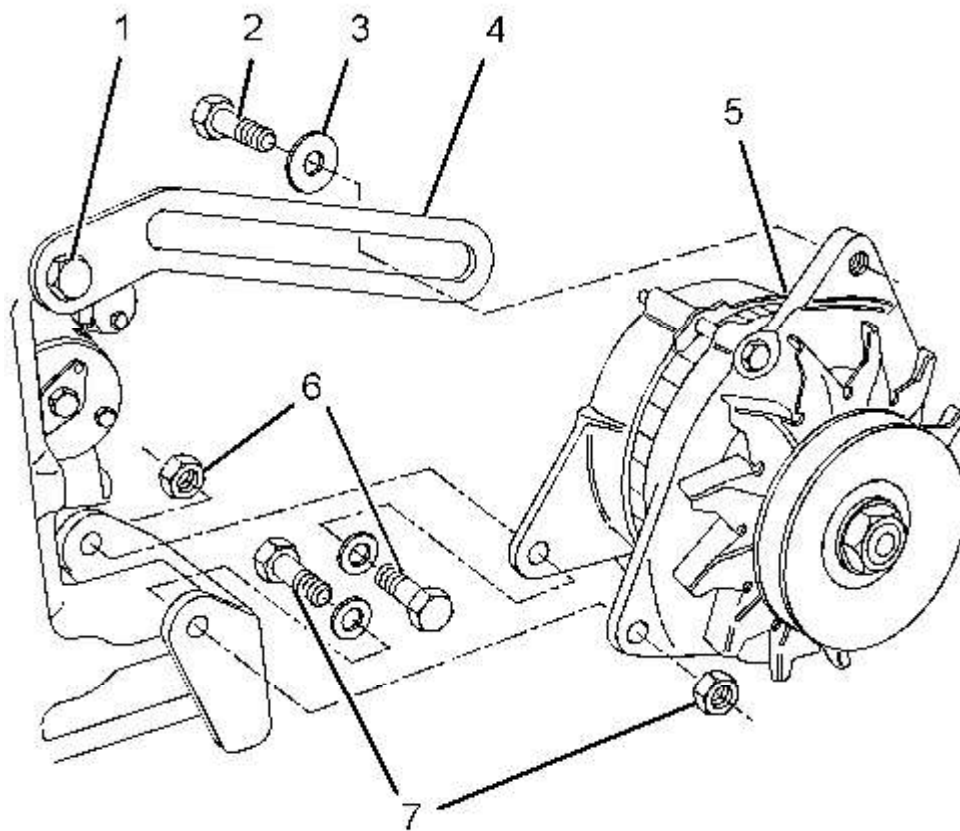


Illustration 1
Typical example

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3. Disconnect the harness assembly (not shown) from alternator (5).
4. Remove bolt (2) and washer (3) from alternator (5).
5. Remove fasteners (6) and (7) and remove alternator (5) from the mounting bracket.
6. If necessary, remove bolt (2) and remove adjusting link (4).

Installation Procedure

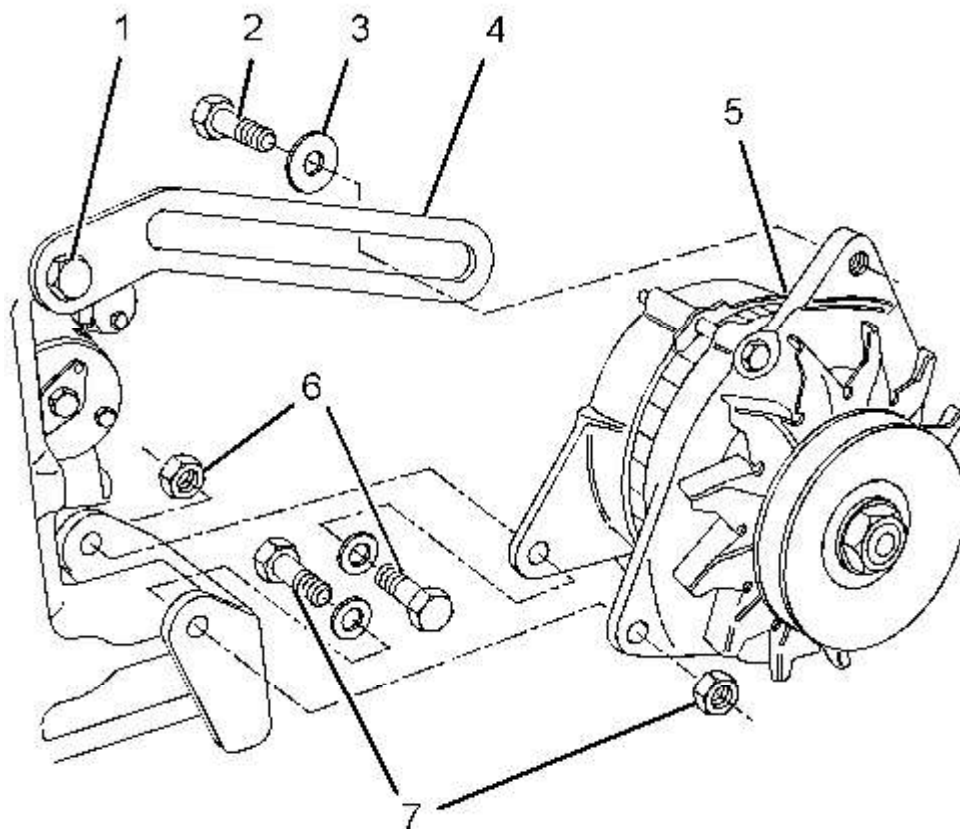


Illustration 2
Typical example

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1. If necessary, install adjusting link (4) and install bolt (1) finger tight.
2. Position alternator (5) on the mounting bracket.
3. Install fasteners (6) and (7) finger tight.
4. Install bolt (2) and washer (3) finger tight.
5. Install the V-Belt. Refer to Disassembly and Assembly, "V-Belts - Remove and Install".

Note: Ensure that the alternator pulley is in alignment with the crankshaft pulley. Ensure that all fasteners are tightened.

6. Connect the harness assembly (not shown) to the alternator.
7. Turn the battery disconnect switch to the ON position.

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C1.5 and C2.2 Engines for Caterpillar Built Machines

Media Number -KENR6948-04

Publication Date -01/06/2015

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i02601962

Alternator - Remove and Install - 65 Amp and 85 Amp Alternators

SMCS - 1405-010

Removal Procedure

Start By:

- a. Remove the V-Belt. Refer to Disassembly and Assembly, "V-Belts - Remove and Install".

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

1. Turn the battery disconnect switch to the OFF position.
 2. Make temporary identification marks on the connections of the harness assembly.
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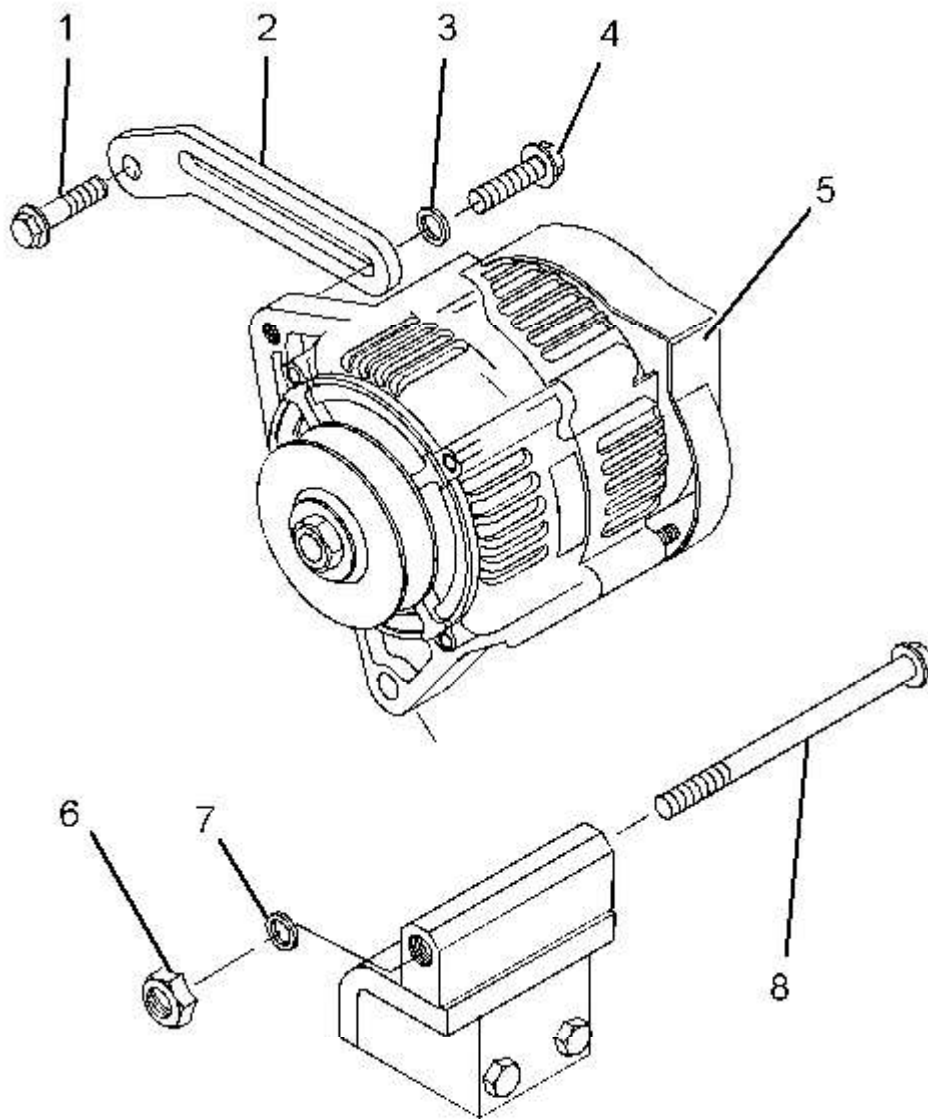


Illustration 1
Typical example

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3. Disconnect the harness assembly (not shown) from alternator (5).
4. Remove bolt (4) and washer (3) from alternator (5).
5. Remove washer (7) and nut (6). Remove bolt (8) and alternator (5) from the mounting bracket.
6. If necessary, remove bolt (1) and remove adjusting link (2).

Installation Procedure
