

Service Manual

242B SKID STEER LOADER

BXM

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Service Information System

Shutdown SIS

Model: 242B SKID STEER LOADER BXM

Configuration: 242B2 Skid Steer Loader BXM04225-UP (MACHINE) POWERED BY 3024C Engine

Disassembly and Assembly

C1.1, C1.5 and C2.2 Engines for Caterpillar Built Machines

Media Number -KENR6948-06 Publication Date -01/06/2015

Date Updated -02/08/2018

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Alternator - Remove and Install - 55 Amp Alternator

SMCS - 1405-010

S/N - CMY1-UP

S/N - CYP1-UP

S/N - CYS1-UP

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.

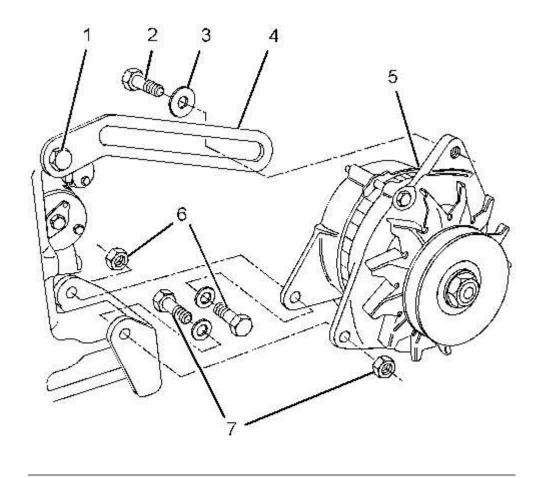


Illustration 1 g01308282

Typical example

- 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

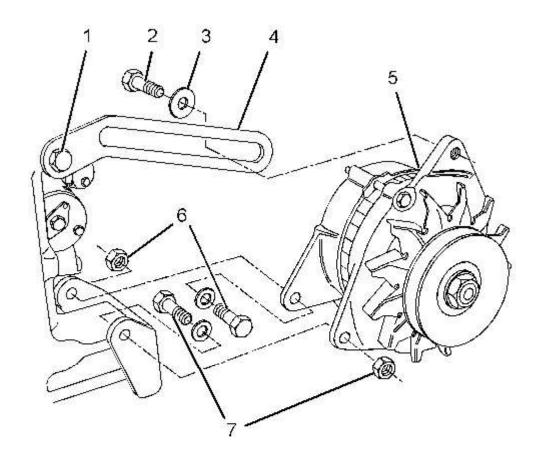


Illustration 2 g01308282

Typical example

- 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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