

Product: VIBRATORY COMPACTOR
Model: CB-14B VIBRATORY COMPACTOR 473
Configuration: CB14B Compactor 47300001-UP (MACHINE)

Disassembly and Assembly CB14B Vibratory Asphalt Compactor Engine Supplement

Media Number -UENR0158-00

Publication Date -01/10/2012

Date Updated -02/10/2012

i04901017

Alternator - Remove and Install

SMCS - 1405-010

Removal Procedure



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



Illustration 1

g03055979

1. Open engine enclosure (1) .



Illustration 2

g03055980

2. Remove the wing nut and disconnect ground cable (2) .



Illustration 3

g03055981

3. Remove the three bolts and cover (3) .

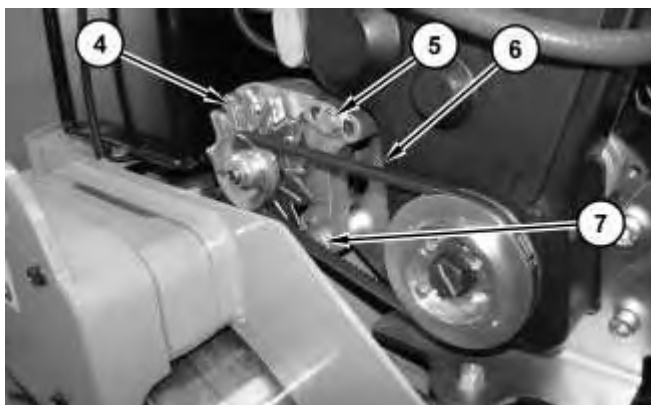


Illustration 4

g03055982

4. Loosen bolt (5) and bolt (7). Tilt alternator (4) toward the engine and remove belt (6) .



Illustration 5

g03056236

5. Disconnect the wire assembly from the back of alternator (4) .
6. Remove the nut and disconnect the cable from the back of alternator (4) .
7. Remove bolt (5), bolt (7), and alternator (4) .

Installation Procedure

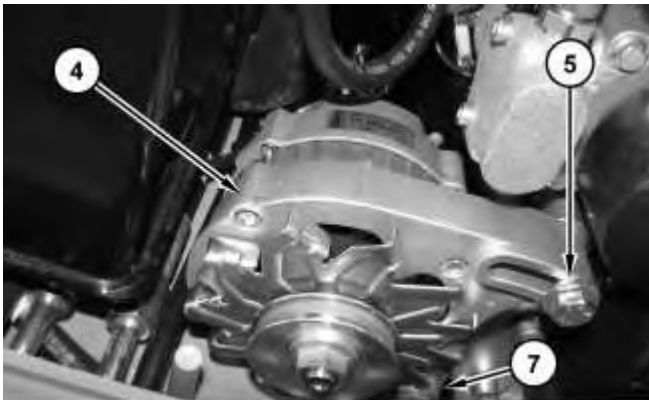


Illustration 6

g03056236

1. Install alternator (4), bolt (7), and bolt (5) .
 2. Connect the cable to the back of alternator (4) and install the nut.
 3. Connect the wire assembly to the back of alternator (4) .
-

<https://www.ebooklibonline.com>

Hello dear friend!

Thank you very much for reading.

Enter the link into your browser.

The full manual is available for immediate download.

<https://www.ebooklibonline.com>

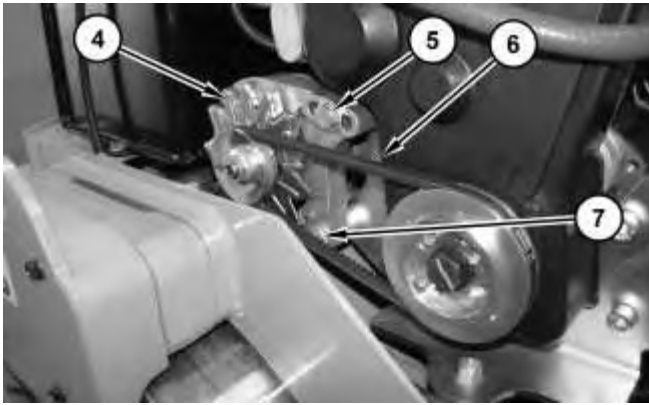


Illustration 7

g03055982

4. Install belt (6). Adjust the belt tension. Tighten bolt (5) and bolt (7) .



Illustration 8

g03055981

5. Remove the three bolts and cover (3) .



Illustration 9

g03055980

6. Connect ground cable (2) and tighten the wing nut.



Illustration 10

g03055979

7. Close engine enclosure (1) .

Product: VIBRATORY COMPACTOR
Model: CB-14B VIBRATORY COMPACTOR 473
Configuration: CB14B Compactor 47300001-UP (MACHINE)

Disassembly and Assembly CB14B Vibratory Asphalt Compactor Engine Supplement

Media Number -UENR0158-00

Publication Date -01/10/2012

Date Updated -02/10/2012

i04901021

Electric Starting Motor - Remove and Install

SMCS - 1453-010

Removal Procedure

Start By:

- A. Remove the alternator. Refer to Disassembly and Assembly, "Alternator - Remove and Install".



Illustration 1

g03056356

1. Disconnect wire (2) from electric starting motor (3) .
2. Remove the nut and cable (1) from electric starting motor (3) .
3. Remove bolts (4) and electric starting motor (3) .

Installation Procedure



Illustration 2

g03056356

1. Install electric starting motor (3) and bolts (4) .
2. Install cable (1) and the nut to electric starting motor (3) .
3. Connect wire (2) to electric starting motor (3) .

End By: Install the alternator. Refer to Disassembly and Assembly, "Alternator - Remove and Install".

Product: VIBRATORY COMPACTOR
Model: CB-14B VIBRATORY COMPACTOR 473
Configuration: CB14B Compactor 47300001-UP (MACHINE)

Disassembly and Assembly CB14B Vibratory Asphalt Compactor Engine Supplement

Media Number -UENR0158-00

Publication Date -01/10/2012

Date Updated -02/10/2012

i04904246

Fuel Priming Pump and Primary Fuel Filter - Remove and Install

SMCS - 1258-010; 1260-010

Removal Procedure

Table 1

Required Tools			
Item	Part Number	Part Description	Qty
A	185-3630	Strap Wrench As	1

Start By:

- A. Remove the air cleaner. Refer to Disassembly and Assembly, "Air Cleaner - Remove and Install".



Fuel leaked or spilled onto hot surfaces or electrical components can cause a fire. To help prevent possible injury, turn the start switch off when changing fuel filters or water separator elements. Clean up fuel spills immediately.

NOTICE

Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting and repair

of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.

Refer to Special Publication, NENG2500, "Caterpillar Dealer Service Tool Catalog" for tools and supplies suitable to collect and contain fluids on Caterpillar products.

Dispose of all fluids according to local regulations and mandates.



Illustration 1

g03063363

1. Remove the bolt and wire assembly (1) .
2. Disconnect wire assembly (2) .
3. Use Tooling (A) to remove fuel filter (3) .

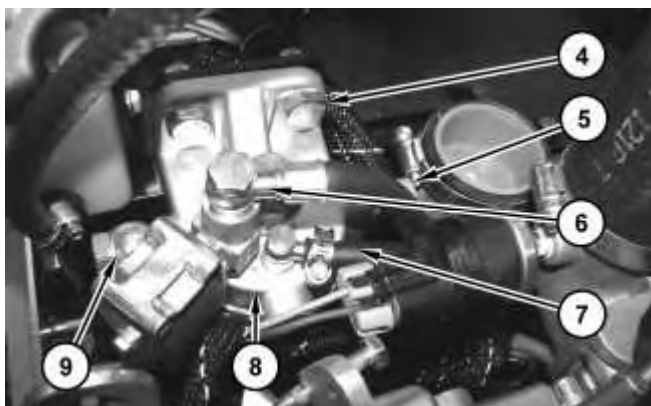


Illustration 2

g03063400

4. Disconnect fuel lines (6), (5), and (9) from primary fuel filter (8) .



Suggest:

For more complete manuals. Please go to the home page.

<https://www.ebooklibonline.com>

If the above button click is invalid. Please download this document first, and then click the above link to download the complete manual.

Thank you so much for reading

5. Loosen the clamp and remove hose (7) from primary fuel filter (8) .
6. Remove bolts (1) and primary fuel filter (8) .

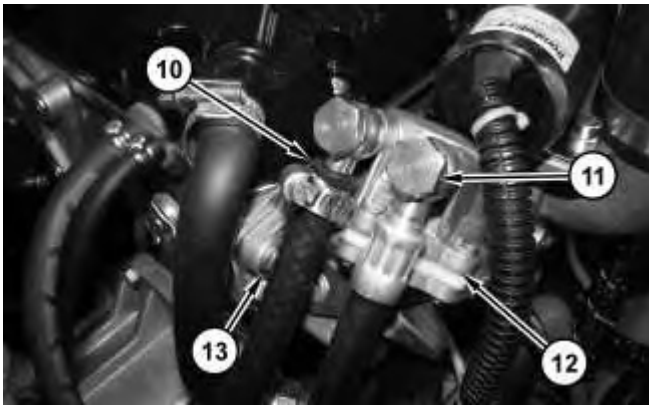


Illustration 3

g03064502

7. Loosen the clamp and remove hose (10) from fuel priming pump (12) .
8. Disconnect fuel line (11) from fuel priming pump (12) .
9. Remove bolts (13) and fuel priming pump (12) .

Installation Procedure

Table 2

Required Tools			
Item	Part Number	Part Description	Qty
A	185-3630	Strap Wrench As	1

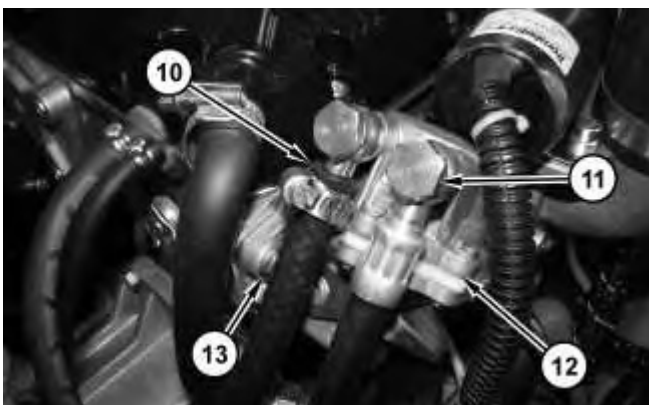


Illustration 4

g03064502

1. Install fuel priming pump (12) and bolts (13) .
2. Connect fuel line (11) to fuel priming pump (12) .
3. Install hose (10) to fuel priming pump (12) and tighten the clamp.

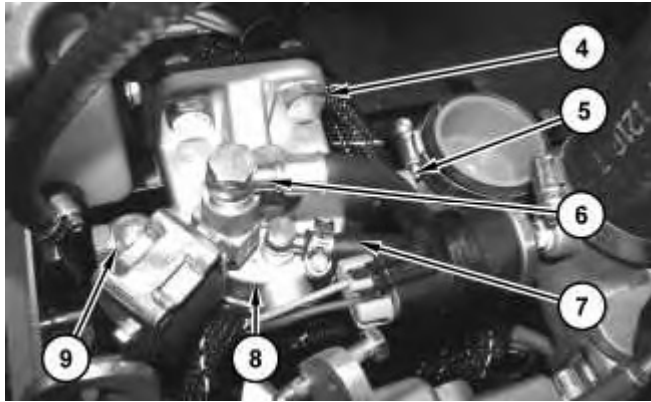


Illustration 5

g03063400

4. Install primary fuel filter (8) and bolts (1) .
5. Install hose (7) to primary fuel filter (8) and tighten the clamp.
6. Connect fuel lines (5), (6), and (9) to primary fuel filter (8) .



Illustration 6

g03063363

7. Use Tooling (A) to install fuel filter (3) .
8. Connect wire assembly (2) .
9. Install wire assembly (1) and the bolt.
10. Prime the fuel system.

<https://www.ebooklibonline.com>

Hello dear friend!

Thank you very much for reading.

Enter the link into your browser.

The full manual is available for immediate download.

<https://www.ebooklibonline.com>