

Product: WHEEL SCRAPER

Model: 637D WHEEL SCRAPER 22W

Configuration: 637D SCRAPERS 22W01068-UP (MACHINE) POWERED BY 3306 ENGINE

Disassembly and Assembly 3304B and 3306B Engines for Caterpillar Built Machines

Media Number -SEN5598-09

Publication Date -01/01/2013

Date Updated -25/01/2013

i00921540

Compression Brake - Remove

SMCS - 1119-011

Removal Procedure

Start By:

- A. Remove the valve mechanism cover. Refer to Disassembly and Assembly, "Valve Mechanism Cover - Remove and Install".

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

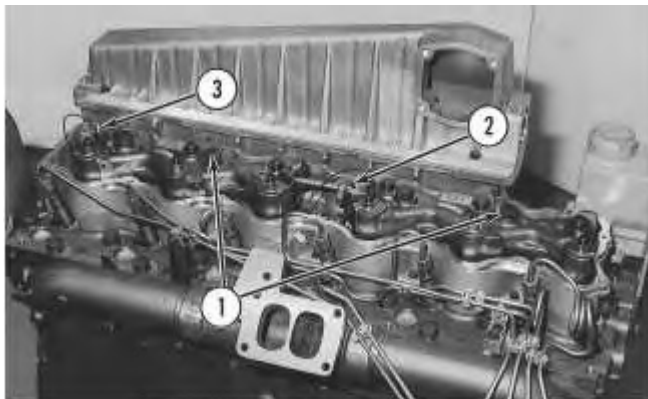


Illustration 1

g00471009

1. Remove four bolts (1). Disconnect wires (2) and (3) .

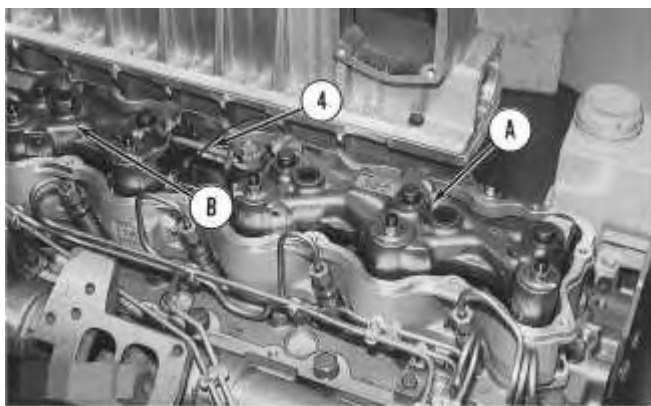


Illustration 2

g00471010

2. Remove Compression Brake (A) by lifting Compression Brake (A) with one hand. Remove Compression Brake (A) while you hold oil tube (4) in order to ensure that oil tube (4) does not come out of Compression Brake (B) .
 3. Remove Compression Brake (B) .
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i00921740

Compression Brake - Disassemble

SMCS - 1119-015

Disassembly Procedure

Start By:

- A. Remove the Compression Brake. Refer to Disassembly and Assembly, "Compression Brake - Remove".

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

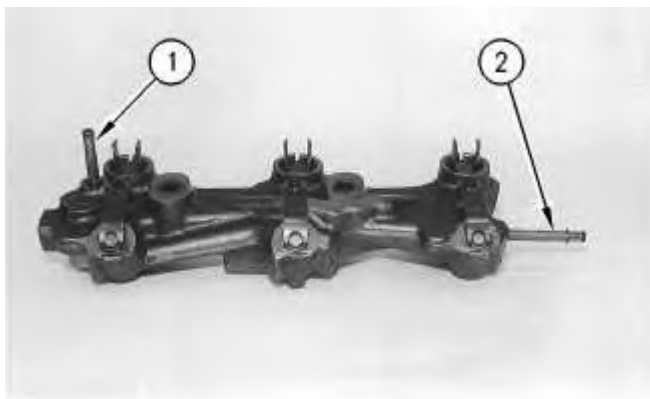


Illustration 1

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1. Remove oil tubes (1) and (2). Remove the O-ring seals.

Note: If the O-ring seals are worn or damaged, use new parts for replacement.

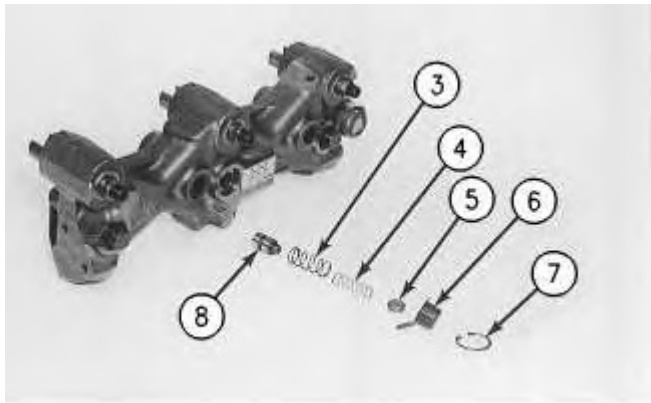


Illustration 2

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2. Remove snap ring (7), cup (6), spacer (5), springs (4) and (3) and piston (8) .

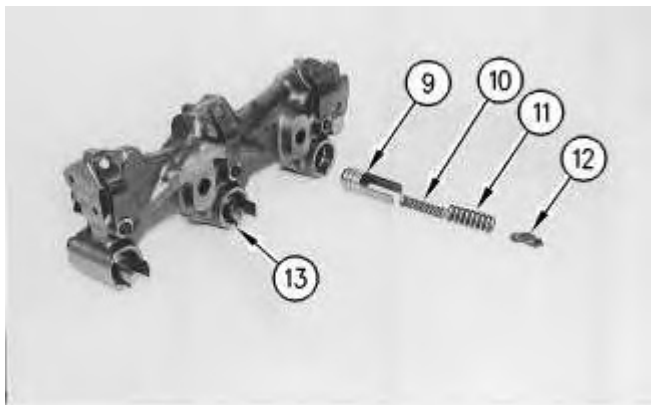


Illustration 3

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3. Remove three retaining rings (13). Remove clip (12), springs (11) and (10) and piston (9) from three locations on the Compression Brake.
-

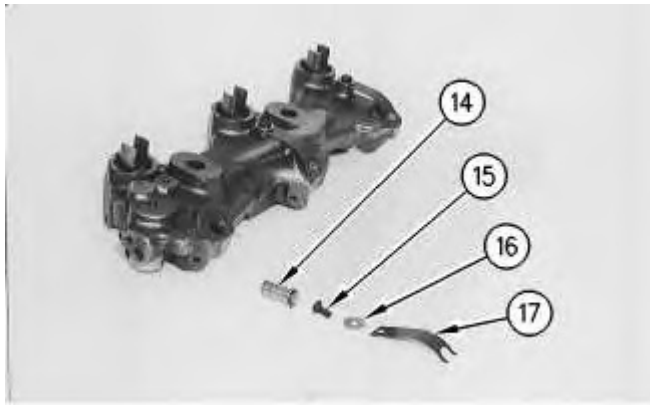


Illustration 4

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4. Remove three bolts (15), washers (16), clips (17) and piston (14) .
-

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i00921835

Compression Brake - Assemble

SMCS - 1119-016

Assembly Procedure

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

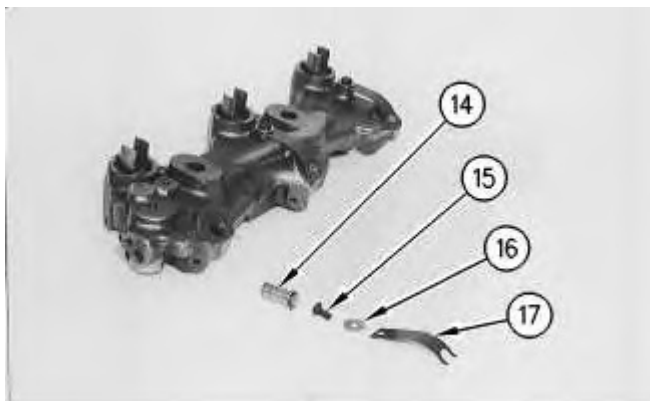


Illustration 1

g00471086

1. Install piston (14), clips (17), washers (16) and three bolts (15) .
-

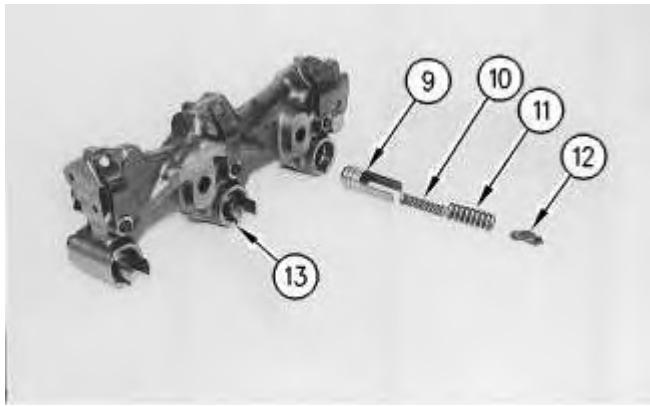


Illustration 2

g00471085

2. Install piston (9), springs (10) and (11) and clip (12) on three locations on the Compression Brake. Install three retaining rings (13) .

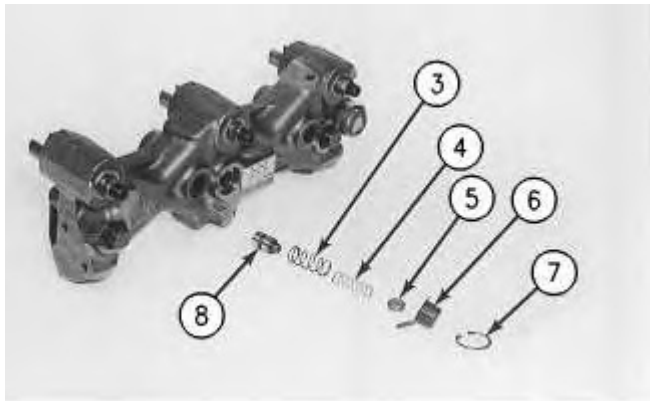


Illustration 3

g00471084

3. Install piston (8), springs (3) and (4), spacer (5), cup (6) and snap ring (7) .

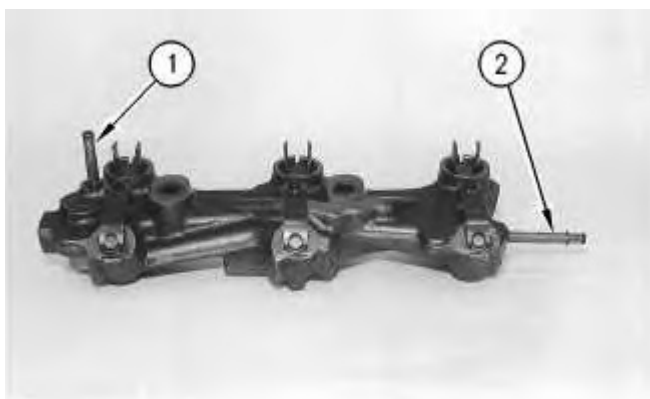


Illustration 4

g00471083

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