

Product: TRACK LOADER

Model: 973 TRACK LOADER 32Z

Configuration: 973 TRACK LOADER / HIGH DRIVE / 32Z00001-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".

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### NOTICE

**Keep all parts clean from contaminants.**

**Contaminants may cause rapid wear and shortened component life.**

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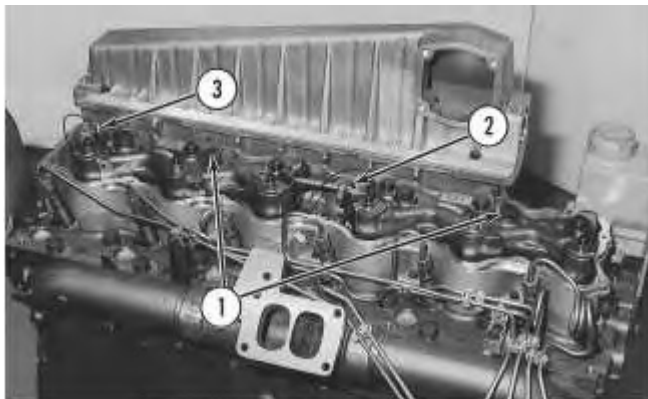
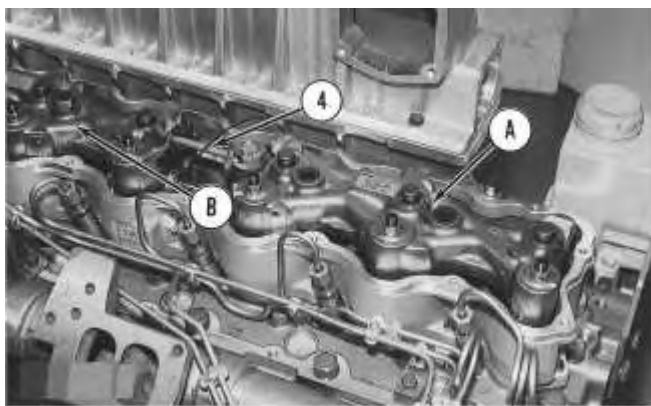


Illustration 1

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



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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".

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### **NOTICE**

**Keep all parts clean from contaminants.**

**Contaminants may cause rapid wear and shortened component life.**

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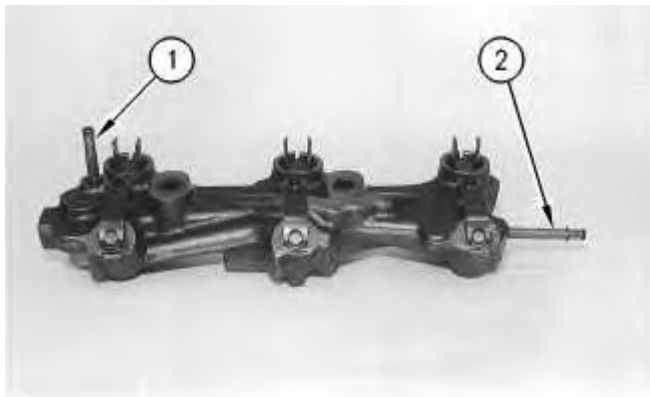


Illustration 1

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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.

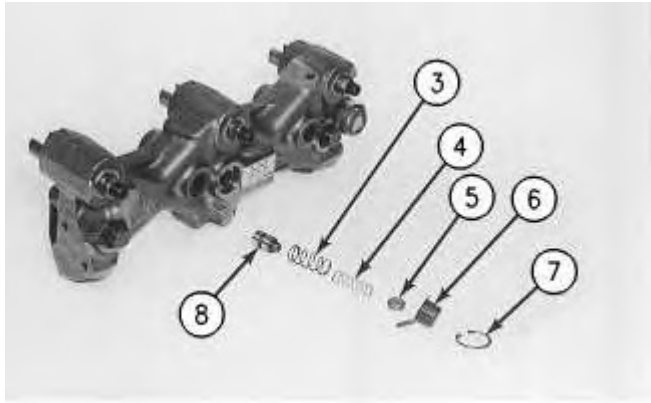


Illustration 2

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

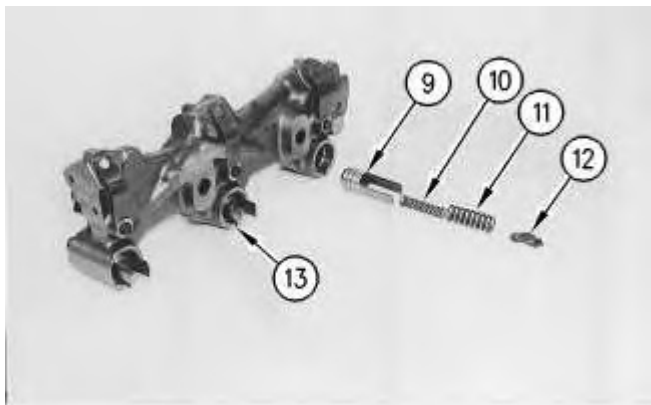
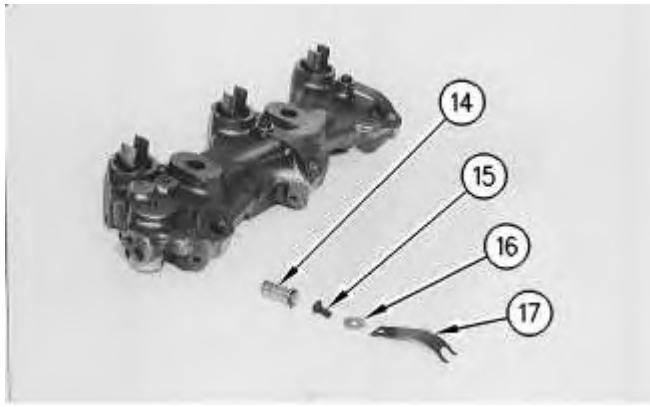


Illustration 3

g00471085

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

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### NOTICE

**Keep all parts clean from contaminants.**

**Contaminants may cause rapid wear and shortened component life.**

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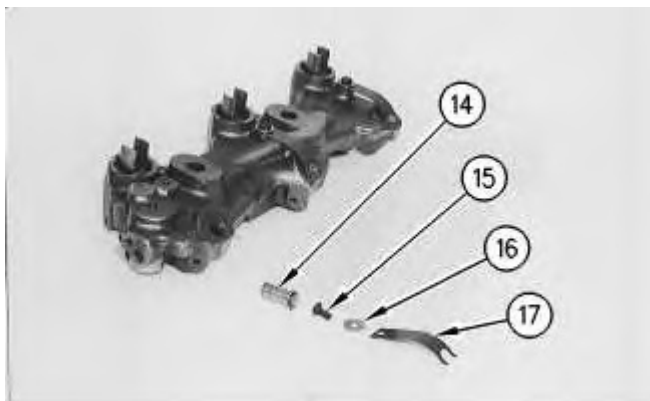


Illustration 1

g00471086

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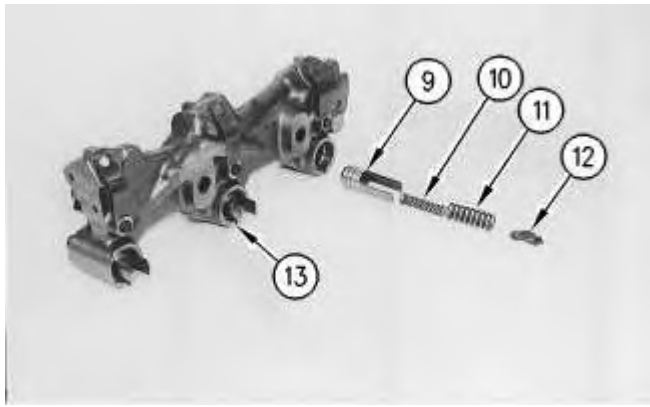


Illustration 2

g00471085

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

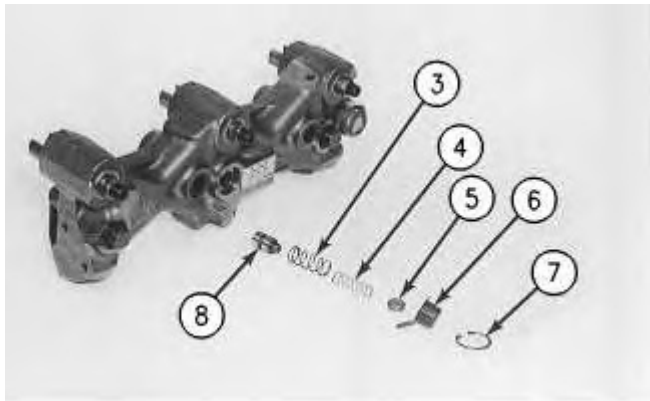


Illustration 3

g00471084

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

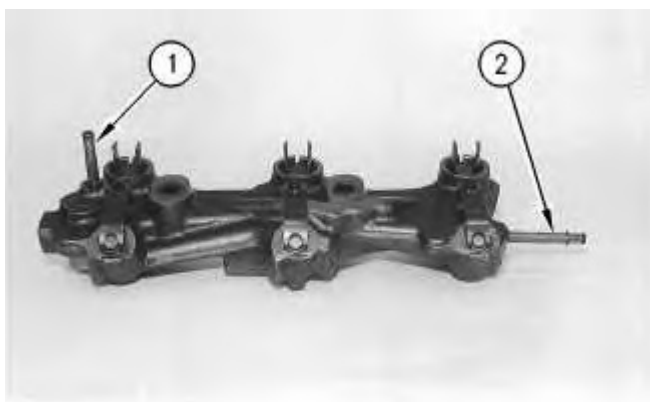


Illustration 4

g00471083

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