CATERPILLAR®

Service Repair Manual

Models

D4E TRACK-TYPE TRACTOR

Product: TRACK-TYPE TRACTOR
Model: D4E TRACK-TYPE TRACTOR 27X
Configuration: D4E TRACTOR / DIRECT DRIVE / 27X00001-00917 (MACHINE) POWERED BY 3304 ENGINE

Disassembly and Assembly
3304B and 3306B Engines for Caterpillar Built Machines
Media Number -SENR5598-09 **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.

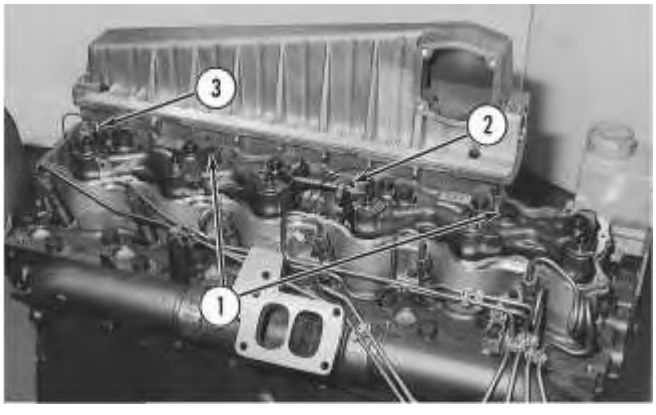

Illustration 1 g00471009

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

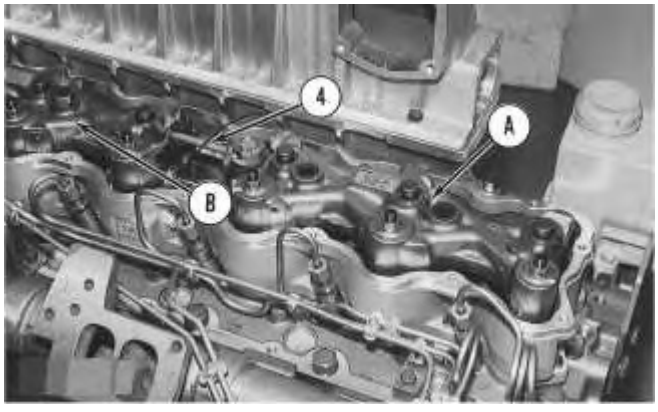

Illustration 2 g00471010

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.

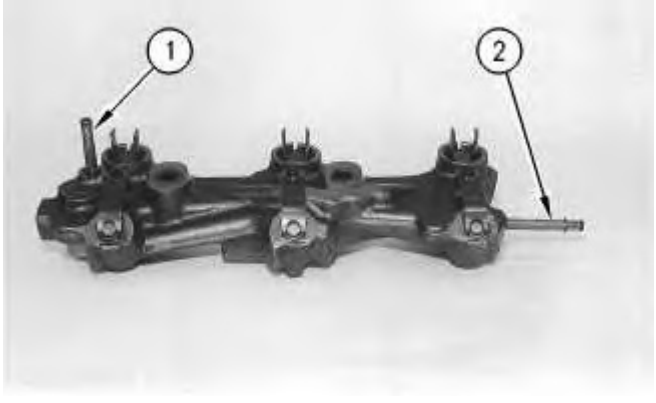

Illustration 1 g00471083

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.

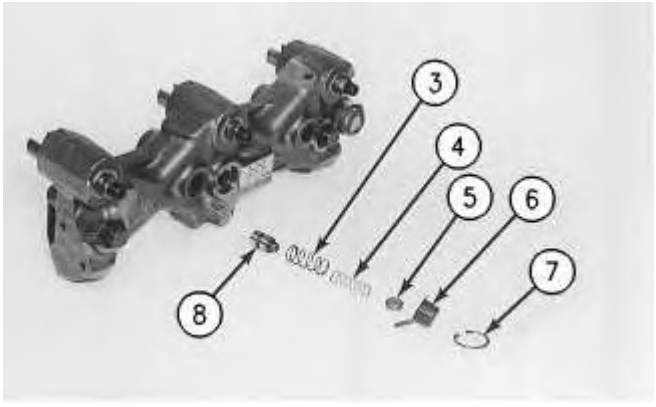

Illustration 2 g00471084

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

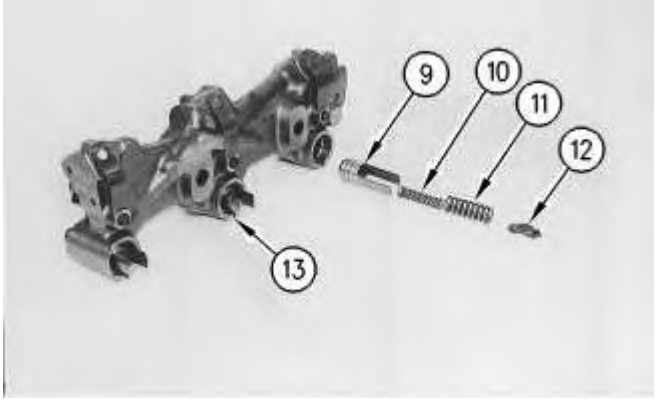

Illustration 3 g00471085

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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