

Product: TRACK-TYPE TRACTOR

Model: D6H TRACK-TYPE TRACTOR 2TG

Configuration: D6H & D6H LGP SERIES II TRACTORS / POWERSHIFT / 2TG04000-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

i00921612

Compression Brake - Install

SMCS - 1119-012

Installation Procedure

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

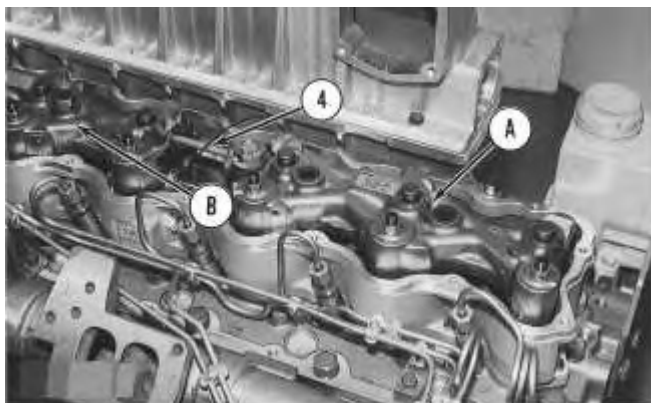


Illustration 1

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1. Install Compression Brake (B) and oil tube (4) .
2. Install Compression Brake (A) .

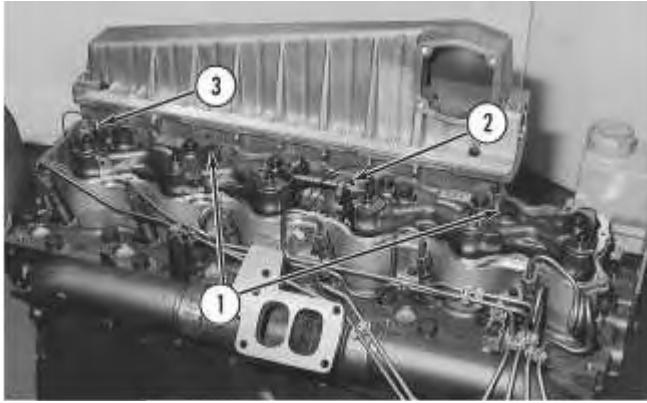


Illustration 2

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3. Connect wires (3) and (2). Install four bolts (1) .

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

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i00999978

Rocker Shaft and Pushrod - Remove

SMCS - 1102-011; 1208-011

Removal Procedure

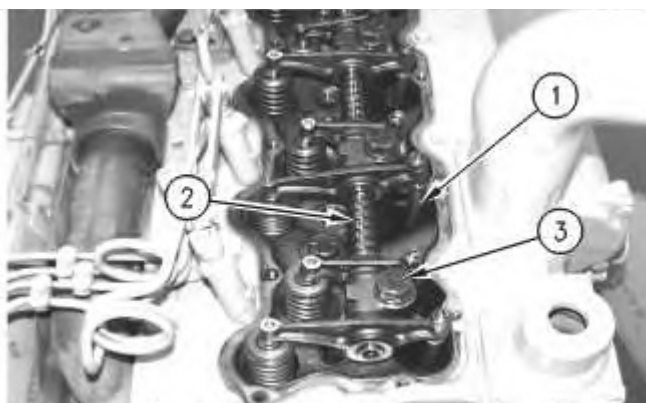
Start By:

- 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.



1. Remove six bolts (3) and rocker shaft assembly (2). Remove the O-ring seal from the rear rocker shaft support.
 2. Put identification marks on pushrods (1) in order to identify the location of the pushrods in the engine. Remove pushrods (1) from the engine. Repeat this process for each pushrod.
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i01001004

Rocker Shaft - Disassemble

SMCS - 1102-015

Disassembly Procedure

Start By:

- A. Remove the rocker shaft and pushrods. Refer to Disassembly and Assembly, "Rocker Shaft and Pushrods - Remove".

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.



1. Remove O-ring seal (1) from the rear support bracket.

Note: Replace the O-ring seal when the head bolt is removed from the rear rocker shaft support.

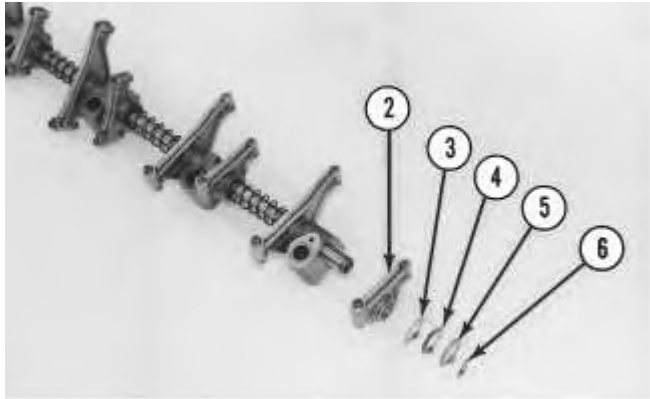


Illustration 2

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2. Remove retainer ring (6), washer (5), spring (4), washer (3) and rocker arm (2). Note the number of washers (3) that are used at both ends of the shaft. Remove rocker arms (2) from each end of the rocker shaft.



Illustration 3

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3. Remove the pin from the rear rocker shaft support (7) with a hammer and a suitable punch. Remove rear rocker shaft support (7) .
 4. Remove the remaining rocker arms, springs, washers and rocker shaft supports.
 5. Remove the plugs from each end of the shaft, if necessary.
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i01138110

Rocker Shaft - Assemble

SMCS - 1102-016

Assembly Procedure

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

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 Tools and Shop Products Guide" for tools and supplies suitable to collect and contain fluids on Caterpillar products.

Dispose of all fluids according to local regulations and mandates.

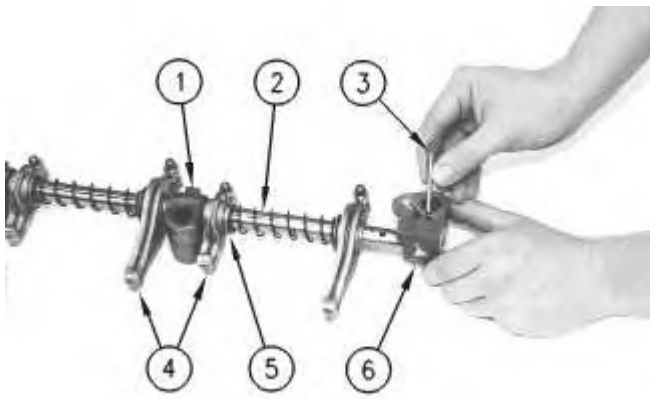


Illustration 1

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1. Install rocker arms (4), supports (1), washer (5) and springs (2) on the rocker shaft.
2. Install rear rocker shaft support (6) on the rocker shaft. Ensure that the hole in the rear rocker shaft support is aligned with the hole in the rocker shaft.
3. Install pin (3) through the rocker shaft support and the rocker shaft with a hammer.
4. Pin (3) must extend 9.60 mm (.378 inch) above the rocker shaft support.

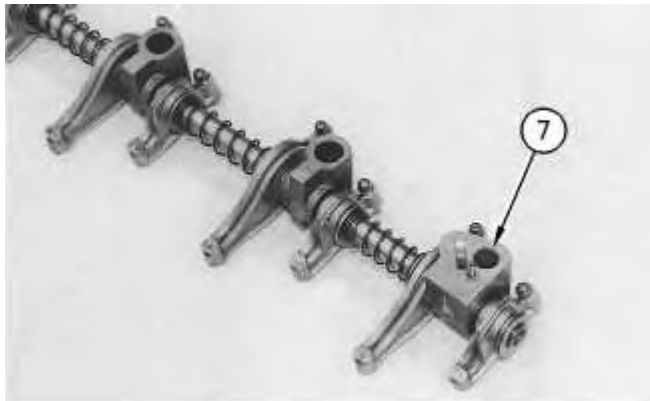
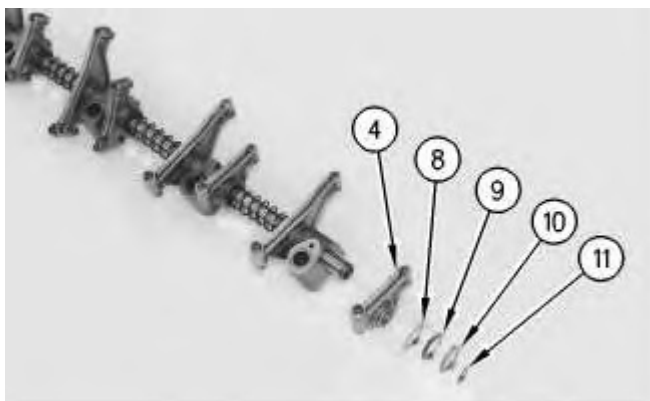


Illustration 2

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