



Service Repair Manual

Models

311B EXCAVATOR

Product: EXCAVATOR

Model: 311B EXCAVATOR 2LS

Configuration: 311B TRACK-TYPE EXCAVATORS 2LS00001-UP (MACHINE) POWERED BY 3064 ENGINE

Disassembly and Assembly 3064 and 3066 Engines for Caterpillar Built Machines

Media Number -SEN5553-10

Publication Date -01/05/2012

Date Updated -15/05/2012

i01615533

Rocker Shaft - Assemble

SMCS - 1102-016

Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-0510	Driver Group	1

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

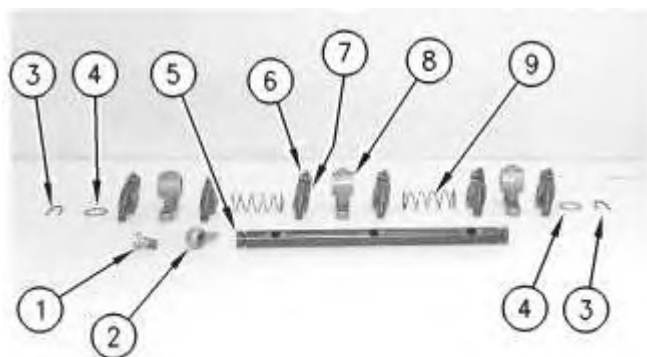


Illustration 1

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Illustration 2

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1. Use Tool (A) to install bushing (7) into rocker arm (6), if the bushing was removed.
Refer to Specifications, "Rocker Shaft" for more information.

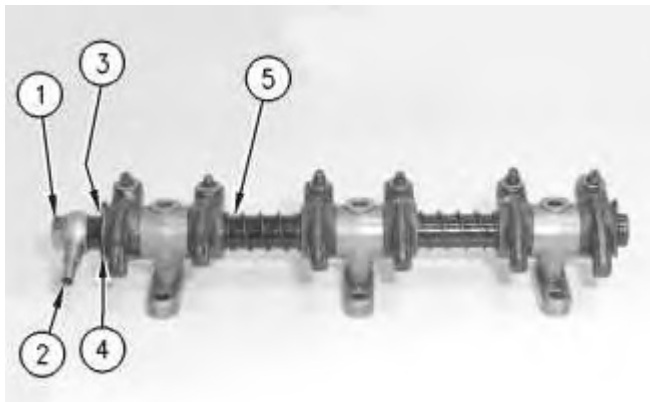


Illustration 3

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2. Install spacer (4) and clip (3) onto one end of shaft assembly (5) .
3. Slide components onto shaft (5) in the correct order. Refer to Illustration 1 in order to install the components correctly.
4. The shaft assembly includes the following components:
 - Bolt (1)
 - Oil tube (2)
 - Clip (3)

- Spacer (4)
- Shaft assembly (5)
- Rocker arm (6)
- Bushing (7)
- Rocker shaft bracket (8)
- Spring (9)

5. Install spacer (4) and clip (3) onto the other end of shaft assembly (5) .

6. Install bolt (1) and oil supply tube (2) into the end of shaft assembly (5) .

End By: Install the rocker shaft and pushrods. Refer to Disassembly and Assembly, "Rocker Shaft and Pushrod - Install".

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i01576835

Rocker Shaft and Pushrod - Install

SMCS - 1102-012; 1208-012

Installation Procedure

NOTICE

Keep all parts clean from contaminants.

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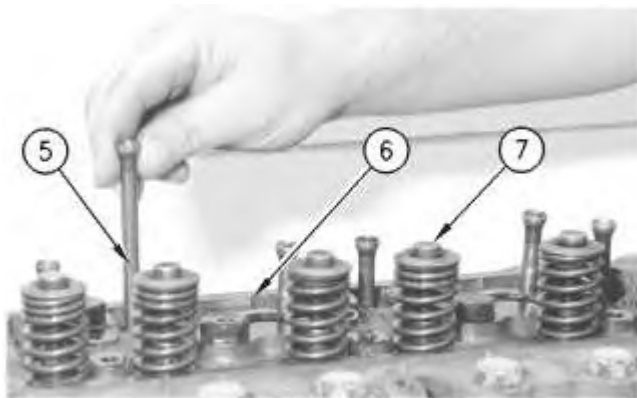


Illustration 1

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1. Install valve caps (7) on the end of the valve stem.
2. Install pushrods (5) in the cylinder head assembly (6) .

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