



Service Repair Manual

Models

318B N, 318B L and 318B LN
Excavator

Product: EXCAVATOR

Model: 318B N EXCAVATOR AEJ

Configuration: 318B L and 318B LN Excavators AEJ00001-UP (MACHINE) POWERED BY 3046 Engine

Disassembly and Assembly 3046 Engine For Caterpillar Built Machines

Media Number -SEN6458-05

Publication Date -01/04/2004

Date Updated -22/04/2004

i01033379

Lifter Group - Remove and Install

SMCS - 1209-010

Removal Procedure

Start By:

- A. Remove the camshaft. Refer to Disassembly and Assembly, "Camshaft - Remove and Install".

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.



Illustration 1

g00532246

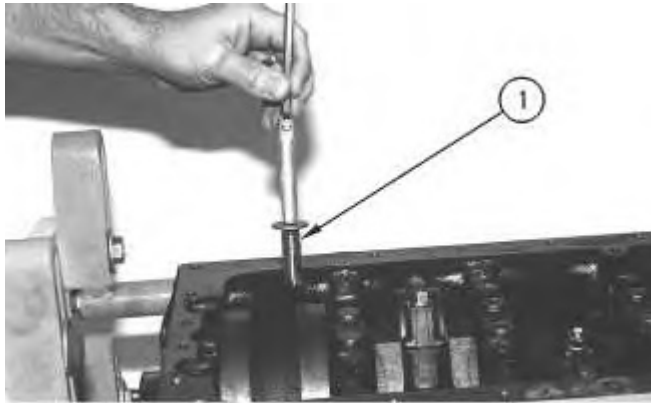


Illustration 2

g00532061

1. Use a magnet to remove valve lifter (1), as shown. Put identification marks on the valve lifters for installation purposes.
2. Repeat Step 1 for the remainder of the valve lifters.

Installation Procedure

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

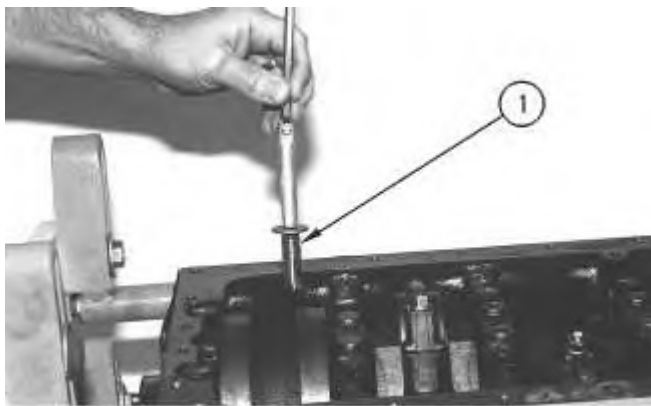


Illustration 3

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1. Put **8T-2998** Lubricant on valve lifter (1) prior to installation. Install valve lifter (1) in the original location in the cylinder block.

2. Repeat Step 1 for the remainder of the valve lifters.

End By: Install the camshaft. Refer to Disassembly and Assembly, "Camshaft - Remove and Install".

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i01597409

Camshaft - Remove and Install

SMCS - 1210-010

Removal Procedure 1

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-2320	Combination Puller	1
C	1P-2321	Combination Puller	1
	9S-9153	Puller Jaws	3

Start By:

- A. Remove the timing gear cover. Refer to Disassembly and Assembly, "Housing (Front) - Remove".
- B. Remove the rocker shaft assembly and the pushrods. Refer to Disassembly and Assembly, "Rocker Shaft and Pushrod - Remove".
- C. Remove the oil pan. Refer to Disassembly and Assembly, "Engine Oil Pan - Remove and Install".

Note: The engine oil pan is facing in the up direction in order to retain the lifters in position for this procedure.

NOTICE

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