

Product: MINI HYD EXCAVATOR

Model: 306E MINI HYD EXCAVATOR FHL

Configuration: 306E Mini Hydraulic Excavator FHL00001-UP (MACHINE) POWERED BY C2.6 Engine

Disassembly and Assembly

C2.6 and C3.3B Engines for Caterpillar Built Machines

Media Number -UENR0137-11

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i05242928

Camshaft and Valve Lifters - Remove and Install - C2.6

SMCS - 1209-010; 1210-010

S/N - CE21-UP

S/N - F8C1-UP

S/N - FHL1-UP

S/N - H1Y1-UP

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	-	Magnets	8
B	390-1149	Driver	1

Start By:

- Remove the rocker shaft and pushrods.
- Remove the flywheel housing.
- Remove the oil pan. (Only necessary if valve lifters will be removed.)

Note: Refer to Specification UENR0995 "Engine Design" for non-specified engine Torque Values.

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

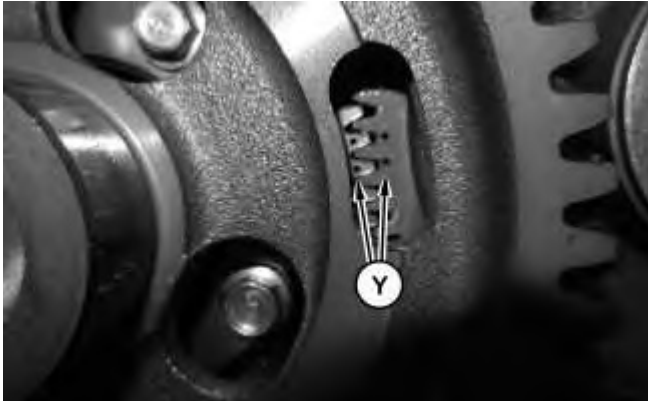


Illustration 1

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1. Ensure that Timing Marks (Y) on the idler gear and the camshaft gear are aligned. Refer to illustration 1.
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Illustration 2

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2. Use Tooling (A) to hold up the valve lifters (1) in order to remove the camshaft.
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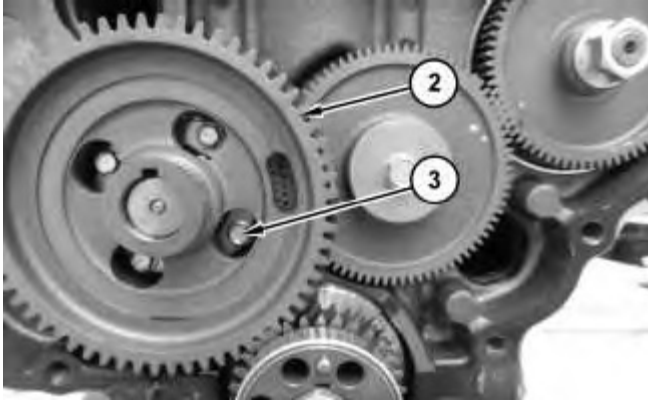


Illustration 3

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NOTICE

Do not damage the lobes or the bearings when the camshaft is removed or installed.

3. Remove bolts (3).
4. Carefully remove camshaft (2) from the cylinder block.
5. Remove Tooling (A). Use a suitable container to catch the valve lifters (1) as the valve lifters (1) slide out the bottom of the cylinder block.

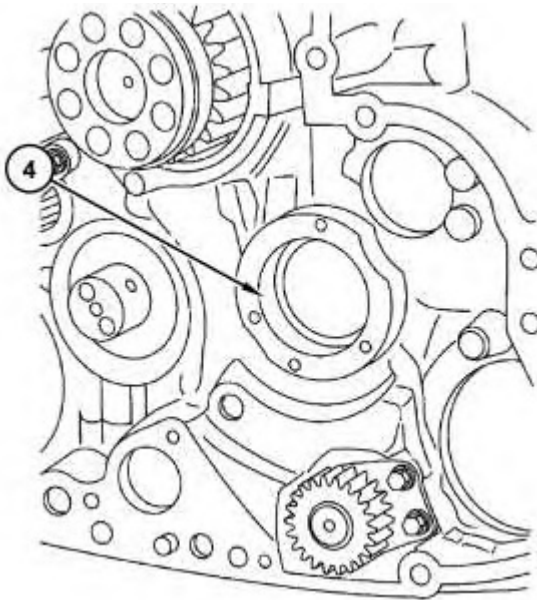


Illustration 4

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6. Remove the camshaft cover (4).

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