

Product: EXCAVATOR

Model: 225B EXCAVATOR 3YD

Configuration: 225B & 229 EXCAVATORS 3YD00001-UP (MACHINE) POWERED BY 3304 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

i01139602

Fuel Injection Pump Housing - Disassemble

SMCS - 1253-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-1860	Retaining Ring Pliers	1

Start By:

- Disassemble the governor. Refer to Disassembly and Assembly, "Governor - Disassemble".
- Remove the fuel injection pumps. Refer to Disassembly and Assembly, "Fuel Injection Pump - Remove".

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

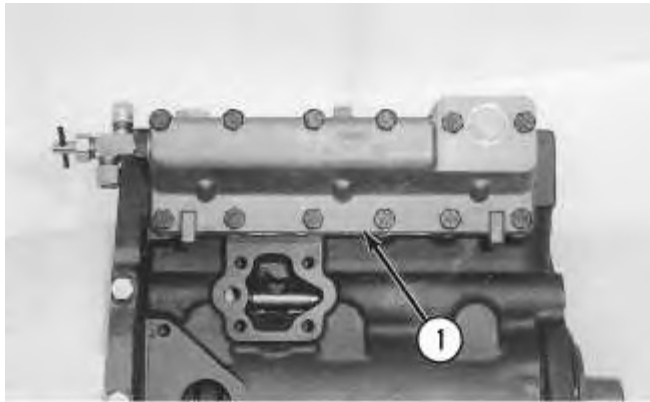


Illustration 1

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1. Remove cover (1) and the gasket.



Illustration 2

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2. Remove fuel rack (2) from the fuel injection pump housing.

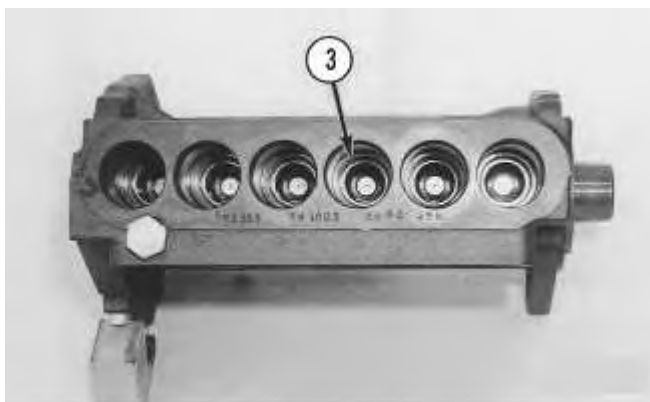


Illustration 3

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Note: If the original lifters are being reused in the fuel injection pump housing, place identification marks on the lifters in order to identify the locations.

3. Remove lifters (3) from the fuel injection pump housing.



Illustration 4

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4. Position the fuel injection pump housing on wood blocks, as shown. Use Tool (A) in order to remove snap ring (4) .

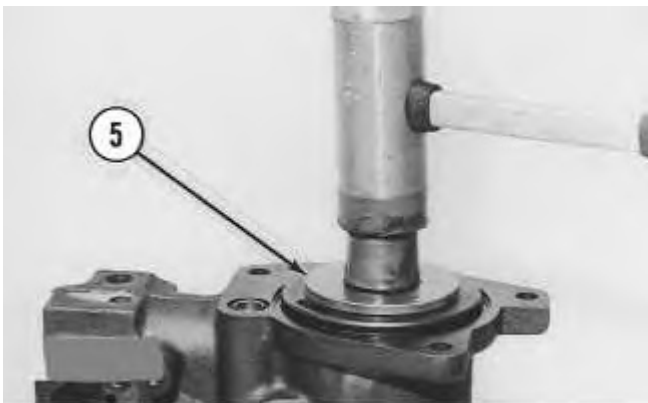


Illustration 5

g00456926

5. Use a soft hammer to push the camshaft toward the governor end of the fuel injection pump housing in order to loosen washer (5). Remove washer (5) .
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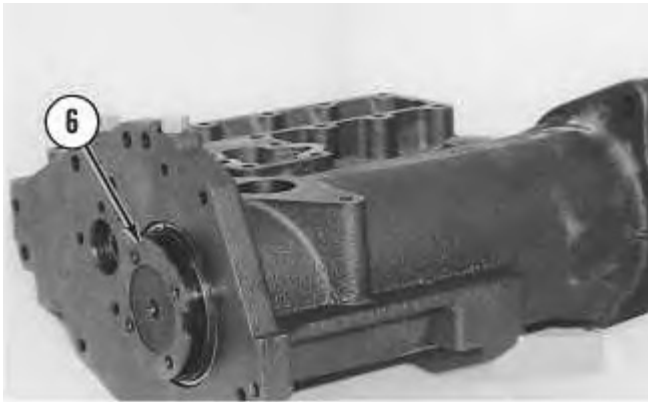


Illustration 6

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6. Remove camshaft (6) .

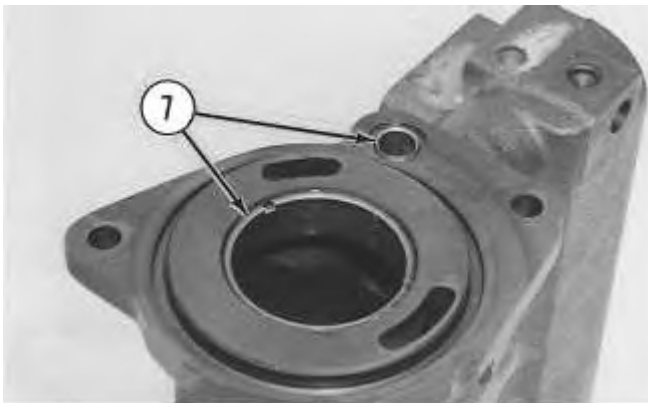


Illustration 7

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7. Remove bearings (7) from the drive end of the fuel injection pump housing.

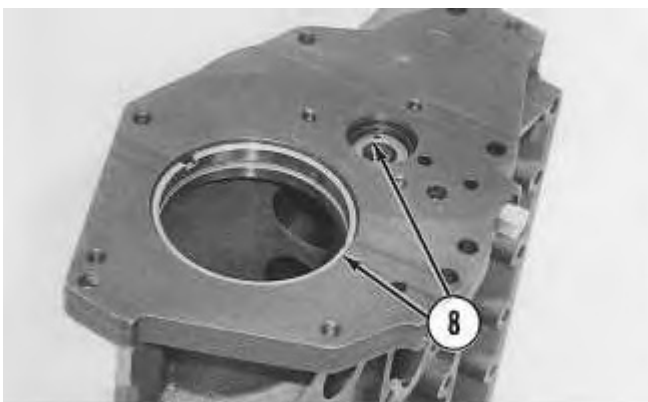


Illustration 8

g00456930

8. Remove bearings (8) from the governor end of the fuel injection pump housing.

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Fuel Injection Pump Housing - Assemble

SMCS - 1253-016

Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-1860	Retaining Ring Pliers	1
B	1P-0510	Driver Group	1
C	6V-2016	Plate	1
	0S-1594	Bolt	2
	6V-4818	Driver	1

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

Note: Put clean engine oil on all parts before assembly. Ensure that all of the oil passages are clear.

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