

Model: E300 EXCAVATOR 2CF

Configuration: E300, EL300 HYDRAULIC EXCAVATORS 2CF00001-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

i07103919

Fuel Injection Pump Housing and Governor - Remove

SMCS - 1286-011

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	8S-2264	Pump Impeller Puller	1
	8B-7560	Step Plate	1
	0T-0513	Bolt	2
	5P-1075	Hard Washer	2

Start By:

- Remove the fuel injection lines. Refer to Disassembly and Assembly, "Fuel Injection Lines - Remove and Install".

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

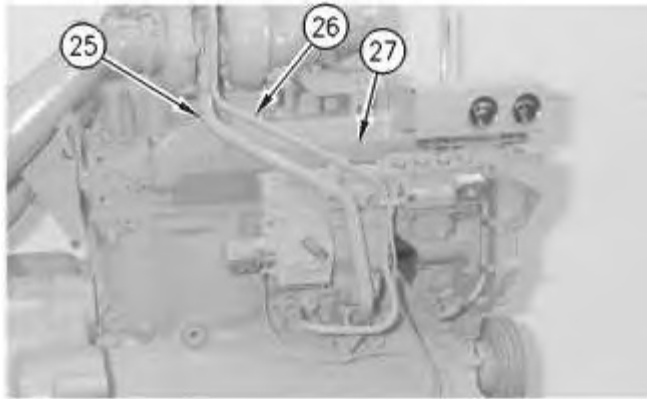


Illustration 1
3304B Engine

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1. On the 3304B engine, remove oil supply line (26), oil drain line (25), and heat shield (27). Inspect the O-ring seal around oil drain line (25). Replace the O-ring seal if the O-ring seal is damaged. Remove the gaskets and the screen from the top of the turbocharger.

Note: The following illustrations are of a 3306B engine.



Illustration 2

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2. Remove six nuts (1) and the washers and remove cover (2).

Note: Separate nut (1) and the mounting stud, if the nut and the mounting stud come out of the housing together. Apply thread sealant to the mounting studs and reinstall the mounting studs to a depth of 19.0 ± 0.8 mm (0.74 ± 0.03 inch).

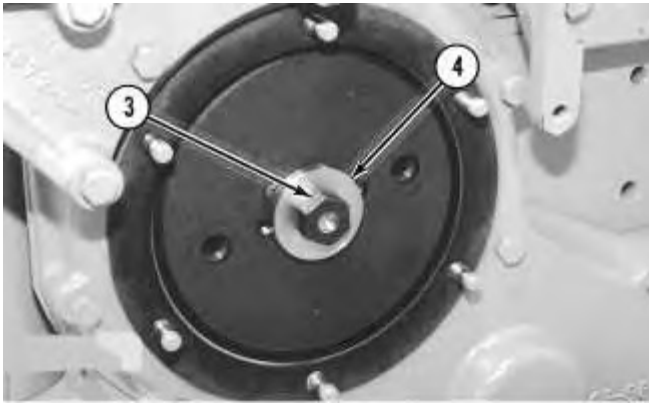


Illustration 3

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3. Remove center bolt (3) and spacer (4).

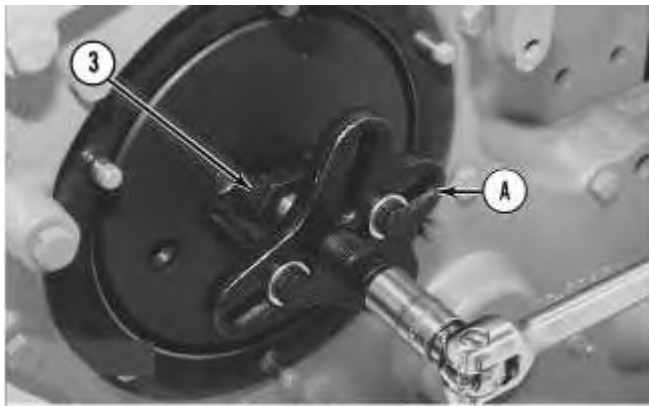


Illustration 4

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4. Install center bolt (3) and leave a gap of 6.4 mm (.25 inch). Install Tool (A), as shown. Tighten the stud to loosen the fuel pump drive gear from the taper on the fuel injection pump camshaft.
5. Remove Tool (A) and bolt (3).

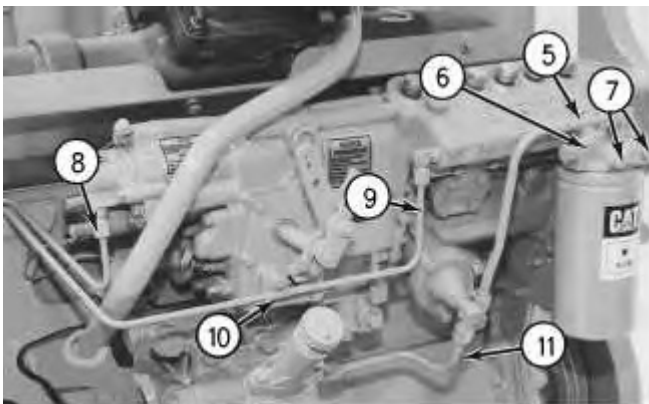


Illustration 5

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