



Service Repair Manual

Models

320, 320 L, 320 N
AND 320 S
EXCAVATOR

Product: EXCAVATOR

Model: 320-A S EXCAVATOR 6KM

Configuration: 320, 320 L, 320 N AND 320 S EXCAVATORS 6KM00001-UP (MACHINE) POWERED BY 3116 ENGINE

Disassembly and Assembly

446 and 446B Backhoe Loaders, Lexion 450 Combine, 3114 and 3116 Engines, IT18F Integrated Toolcarrier, D6M Track-Type Tractor and 928F, 950F and 950G Wheel Loaders

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i01928343

Fuel Transfer Pump - Install

SMCS - 1256-012

Installation Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	8T-2998	Lubricant	1

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

Note: For information on reusability of the components in the fuel transfer pump, refer to Guideline For Reusable Parts And Salvage Operations, SEBF8434, "3100 Governor Inspection and General Information for Mechanical Governor Groups Used in 3114, 3116, and 3126 Engines Equipped with Mechanical Unit Injectors (MUI)".

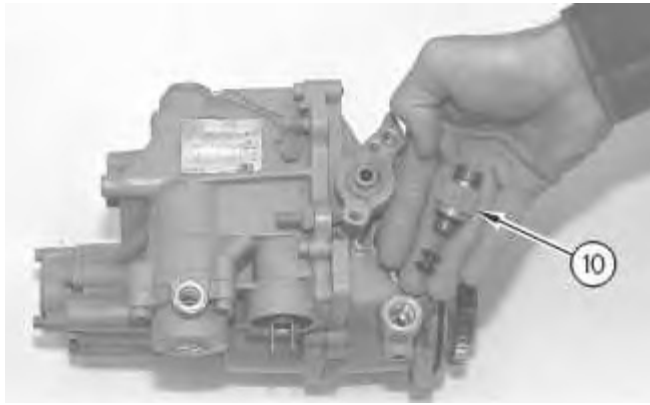


Illustration 1

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1. Lubricate fitting (10) and the bore with clean engine oil. Install the check valve and fitting (10).

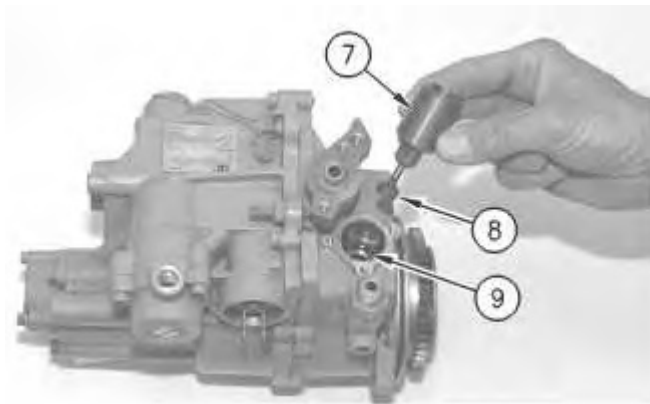


Illustration 2

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2. Inspect the condition of the O-ring seal. Replace the O-ring seal, if necessary. Install lower O-ring seal (9).
3. Apply Tooling (A) on the face of lifter (8). Install sleeve assembly (7). Ensure that the flat on the sleeve aligns with the flat in the bore of the housing.

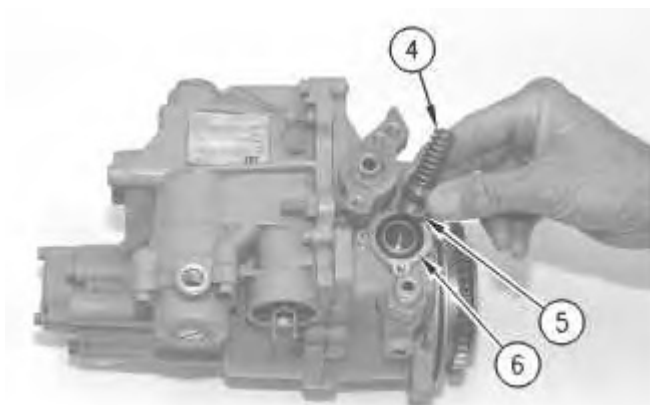


Illustration 3

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4. Lubricate piston (5) with clean engine oil. Install piston (5) and spring (4).

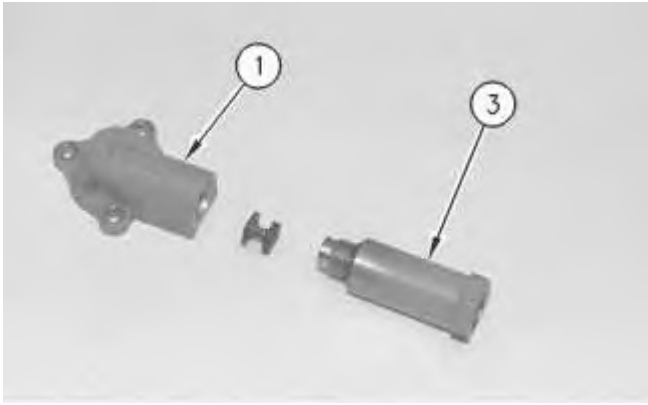


Illustration 4

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5. Lubricate fitting (3) and the bore for the check valve with clean engine oil. Install the check valve with the sealing face toward the fitting.
6. Install the O-ring seal and fitting (3).

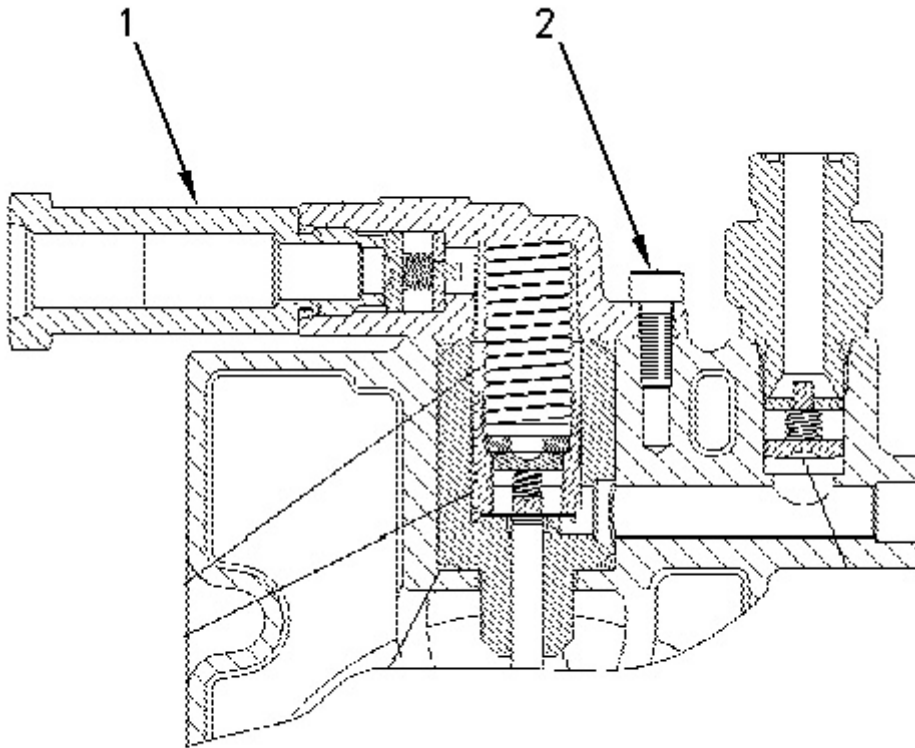


Illustration 5

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Illustration 6

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WARNING

Improper assembly of parts that are spring loaded can cause bodily injury.

To prevent possible injury, follow the established assembly procedure and wear protective equipment.

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7. Place cover (1) over spring (4). Install bolts (2) in order to compress spring (4).

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