



Service Repair Manual

Models

245 EXCAVATOR

Product: EXCAVATOR
Model: 245 EXCAVATOR 95V
Configuration: 245 EXCAVATOR 95V00001-00470 (MACHINE)

Disassembly and Assembly 3406 VEHICULAR ENGINE FOR 245 EXCAVATORS

Media Number -SEN7338-01

Publication Date -01/06/1979

Date Updated -12/10/2001

Fuel Injection Pump Housing

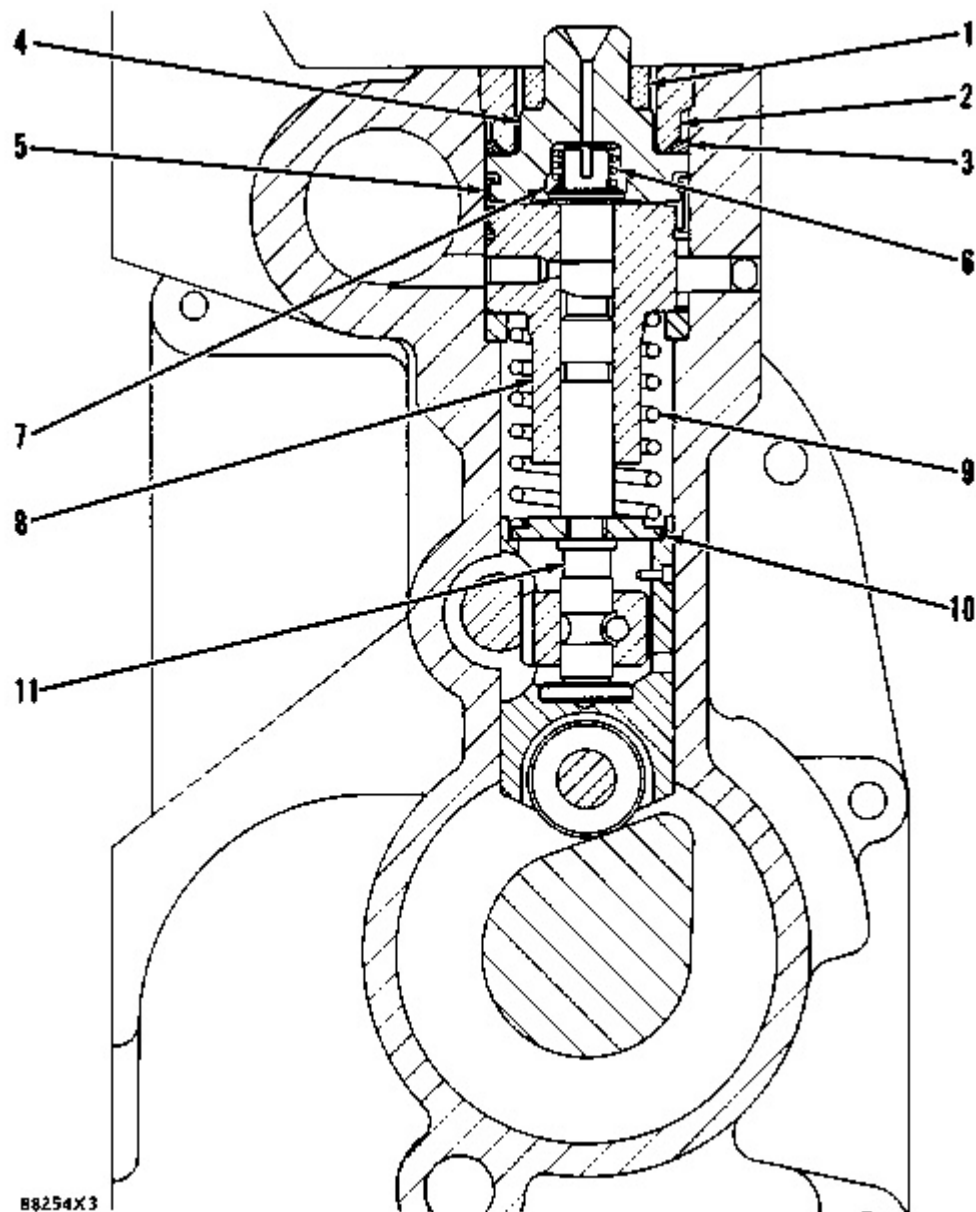
SMCS - 1253-15; 1253-16

Disassemble Fuel Injection Pump Housing

Tools Needed		A	B	C
8S4613	Wrench	1		
8S2244	Extractor		1	
8S2241	Camshaft Bearing Removal & Installation Tool Group			1

start by:

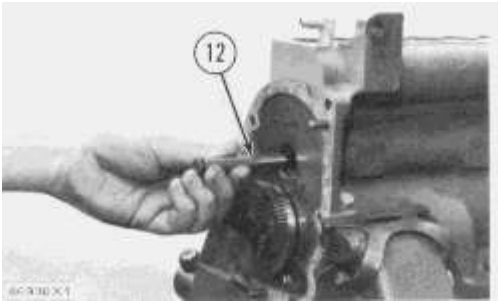
- a) separation of governor from fuel injection pump housing



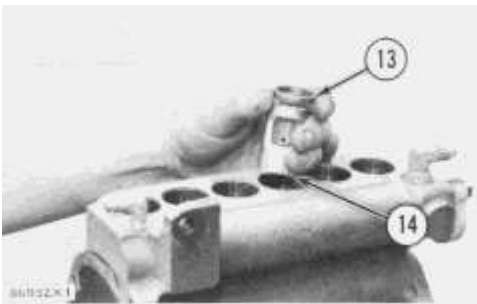
1. Remove protection caps and felt washers (1) from pumps.
 2. Use wrench (A) to remove the bushings (2) that hold fuel injection pumps into housing. Remove the seals (3).
 3. Use extractor (B) to remove pumps from the pump housing.
- NOTE:** Fuel injection pumps for direct injection and precombustion chamber engines are similar. See Illustration A96047X1 on Page 38.
4. Remove the bonnet (4), ring (5), spring (6), and check valve (7) from barrel (8).
 5. Remove the plunger assembly (11), washer (10), and spring (9) from barrel.

NOTICE

Be careful not to cause damage to plunger assemblies. Keep same cylinder pump and plunger together, the plunger from one pump cannot be installed in another pump.

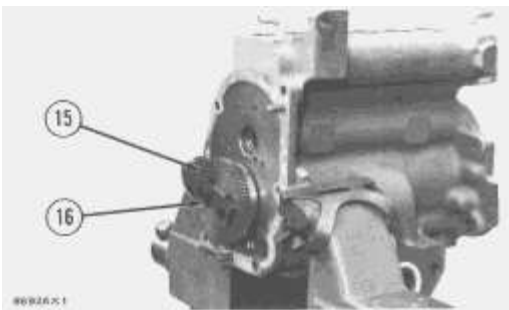


6. Remove the rack (12) from the housing.



7. Remove the spacers (13) and the lifters (14) from the housing.

NOTE: Keep the spacers and lifters together with identification as to their location in the pump housing.

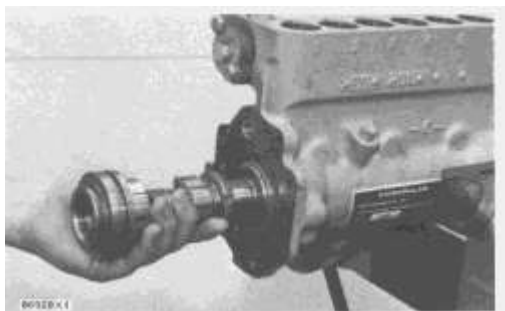


8. Remove two bolts (16), lock, and two sleeves from the gear assembly.

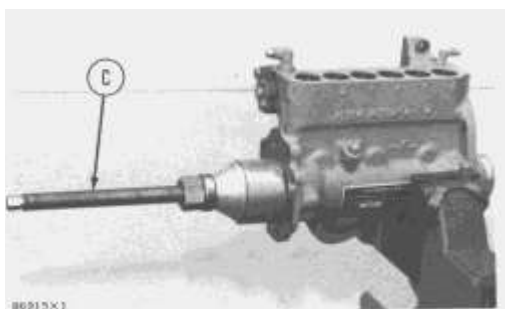
9. Remove the gear assembly (15) from camshaft.



10. Remove two bolts, plate (17), and spacer that hold camshaft in position in pump housing.



11. Remove the camshaft from the pump housing.



12. Use tool group (C) to remove the camshaft bearings from the pump housing.

13. Remove the bearings for fuel rack from the pump housing.

Assemble Fuel Injection Pump Housing

Tools Needed		A	B	C	D	E	F
8S4613	Wrench	1					
8S2244	Extractor		1				
8S2241	Camshaft Bearing Removal & Installation Group			1			
5P1768	Pointer Group				1		
1P529	Handle					1	
1P455	Drive Plate					1	
5P1664	Adapter Plate						1
1P463	Drive Plate					1	
9S6329	Driver						1

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