

SMCS - 1106

SEN74100047

Remove Direct Injection Adapters

Tools Needed		A	B	C
FT1322	Lever Assembly	1		
5P0961	Fuel Valve Adapter Wrench		1	
5P0125	Precombustion Chamber Wrench			1

Start By:

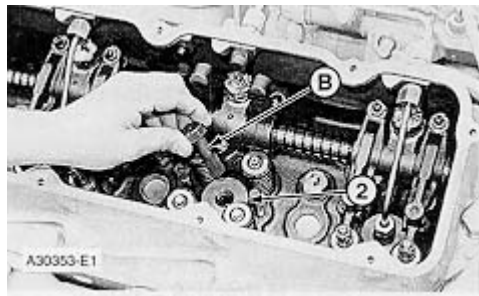
a. remove fuel injection nozzles

1. Drain the coolant from the cylinder heads.

Tools Needed		A	B	C
FT1322	Lever Assembly	1		
5P0961	Fuel Valve Adapter Wrench		1	
5P0125	Precombustion Chamber Wrench			1

2. Separate the push rods and rocker arms with Tool (A). Move the rocker arms to one side.

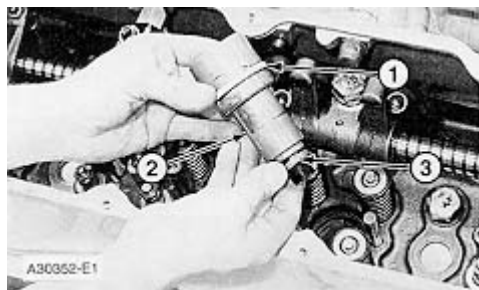
3. Put identification marks on valve bridges (1) as to their location on the head. Remove valve bridges (1).



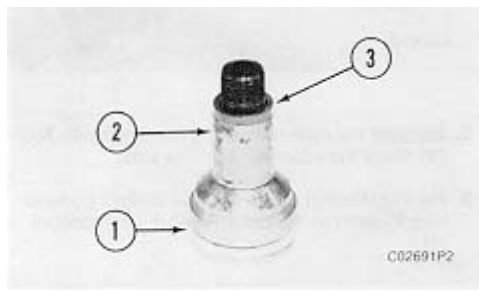
4. Loosen adapters (2) with the correct Tool (B) or (C). Remove the adapters from the cylinder head.

Install Direct Injection Adapters

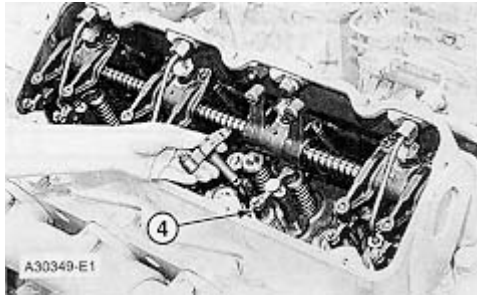
Tools Needed		A	B	C
FT1322	Lever Assembly	1		
5P0961	Fuel Valve Adapter Wrench		1	
5P0125	Precombustion Chamber Wrench			1



1. Put liquid soap on the bore of the cylinder head and on seal (1).

2. Put **5P3931 Anti-Seize Compound** on the threads of adapter (2). Install adapter (2) and gasket (3) in the cylinder head. Tighten the adapters to the correct torque as follows:a. Use Tool (B) and tighten 2W9757 Adapters to a torque of **205 ± 14 N·m (150 ± 10 lb ft)**, 4W5733 Adapters to a torque of **135 ± 7 N·m (100 ± 10 lb ft)**.

b. Use Tool (C) and tighten 7W1902 Adapters to a torque of **205 ± 14 N·m (100 ± 10 lb ft)**.



3. Install valve bridges (4) in their correct locations.

4. Connect the push rods and rocker arms with Tool (A).

5. Check the level of the coolant in the engine.

End By:

a. install fuel injection nozzles

PSP-000890C4

2022/11/30

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