

SMCS - 1254

SENR74100043

Remove Fuel Injection Valves (Direct Injection)

Tools Needed		A	B
5P0144	Socket	1	
5P6229	Extractor		1

Start By:

a. remove valve covers

Tools Needed		A	B
5P0144	Socket	1	
5P6229	Extractor		1

1. Remove fuel line (1) with Tool (A).

NOTICE

Put protective caps on all fuel line openings.

2. Remove nut (3) that holds the fuel valve in adapter (2).

3. Remove the fuel injection valve with Tool (B).

Install Fuel Injection Valves (Direct Injection)

Tools Needed		A	B	C
5P0144	Socket	1		
5P6229	Extractor		1	
5P4755	Sleeve			1

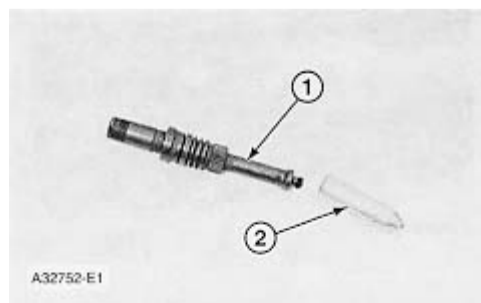
Tools Needed		A	B	C
5P0144	Socket	1		
5P6229	Extractor		1	
5P4755	Sleeve			1

1. If the seal on the direct injection valve has been removed, install a new seal as follows:

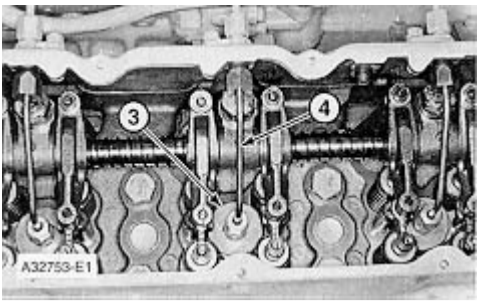
a. Put a new seal on Tool (C).

b. Put Tool (C) over valve body (1).

c. Push the seal into position on the valve body.



2. Install nozzle (2) on valve body (1) finger tight.



3. Install the fuel injection valve in direct injection adapter (3). Make sure the grooves (serrations) on valve body (1) are in alignment with the grooves (serration) in adapter (3).

4. Install the nut that hold the fuel injection valve in adapter (3). Tighten the nut to **75 ± 7 N·m (55 ± 5 lb ft)**.

5. Install fuel line (4). Tighten the nuts on the fuel line to a torque of **40 ± 7 N·m (30 ± 5 lb ft)** with Tool (A).

End By:

a. install valve covers

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