

SMCS - 1254

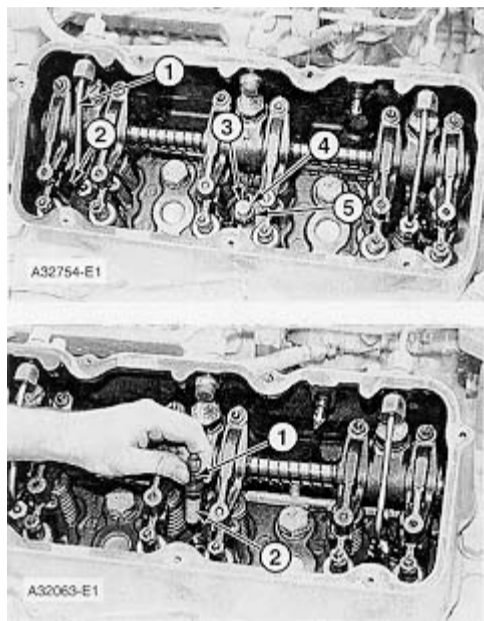
SENR74100042

Remove Fuel Injection Valves (Precombustion Chamber)

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

Start By:

a. remove valve covers



1. Disconnect the glow plug wire from the glow plug and clip (2) from fuel line (1). Remove line (1) with Tool (A).

NOTICE

Put protective caps on all fuel line openings.

2. Remove nut (5) that holds valve (3) in precombustion chamber (4).

3. Remove valve (3) with Tool (B).

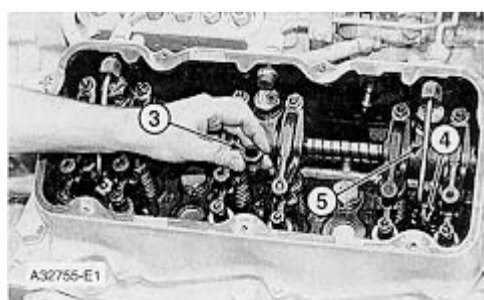
Install Fuel Injection Valves (Precombustion Chamber)

Tools Needed		A
5P0144	Socket	1

Tools Needed		A
5P0144	Socket	1

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

2. Install the valve body in the precombustion chamber. Be sure the grooves (serrations) on body (1) are in alignment with the grooves (serrations) in the precombustion chamber.



3. Install nut (3) in the precombustion chamber and tighten to $75 \pm 7 \text{ N}\cdot\text{m}$ ($55 \pm 5 \text{ lb ft}$).

4. Install fuel line (5). Tighten the fuel line nuts to $40 \pm 7 \text{ N}\cdot\text{m}$ ($30 \pm 5 \text{ lb ft}$) with Tool (A).

5. Connect the glow plug wire to the glow plug and clip (4) on the fuel line. Be sure the wire is clear of the valve spring.

PSP-000890C4

2022/11/30

16:15:40-03:00

SENR74100042

© 2022 Caterpillar Inc.

Caterpillar:

Confidential Green