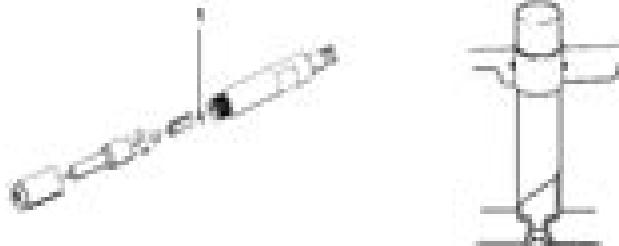
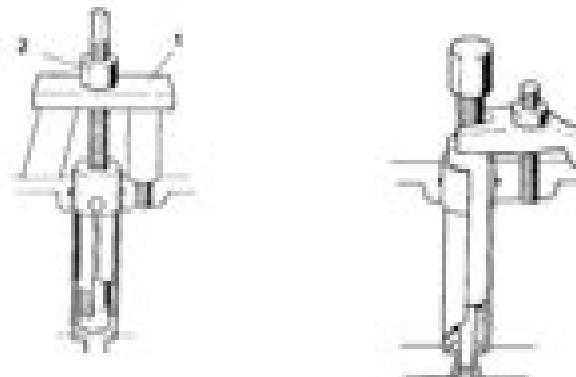


Chapter



Pressure testing the nozzle

7. Check the nozzle's spray pattern at the correct operating pressure (see Technical Data). Check also that the fuel sprays stay simultaneously and no skipping occurs. Adjust the operating pressure with Adjustment tool No. 1 (being available in different thicknesses from 1 mm (0.03937 in.) to 1.50 mm (0.05910 in.) or steps of 0.05 mm (0.001969 in.)). Close handle the nozzle and replace the adjustment wrench against a thinner one or a thicker one depending on whether the pressure must be reduced or increased. Assemble the nozzle and check the operating pressure and the spray pattern.

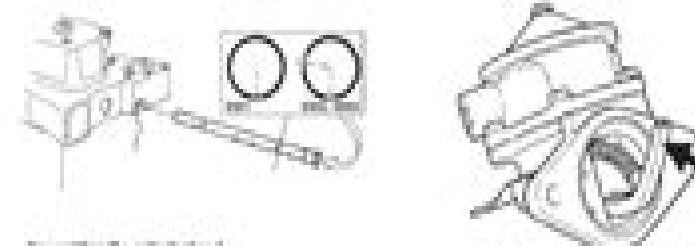


Injector sleeve

8. Insert the expanding sleeve on the special tool ph. 8840/1 into the nozzle sleeve and turn the gauge anti-clockwise until the sleeve has stuck in the sleeve. Tighten the screw hand to allow the threads to work themselves into the nozzle tapered. Then insert the sleeve (1) on the seat side of the injector. Put a carbonized sleeve in the cylinder head as a support for the tip of the nozzle. Hold the nut (2) and tighten it until the sleeve is removed.

9. Replace the O-ring, sealing off between the sleeve and the cylinder head. Oil the new O-ring in place with oil in order to facilitate the installation. Oil the new injector sleeve and insert it, using special tool ph. 8840/2. Knock down the sleeve until it bottoms.

Chapter

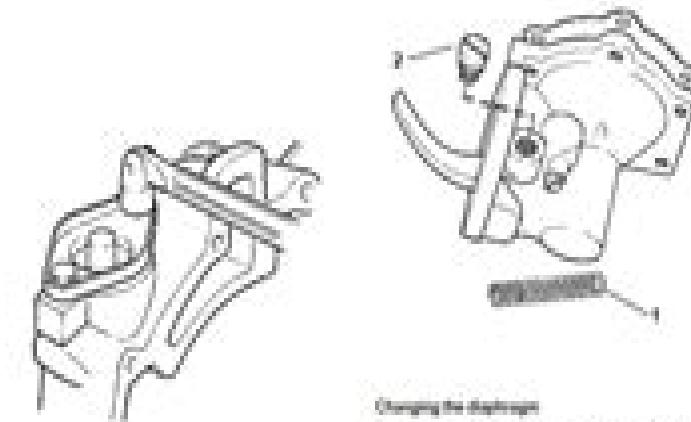


Assembling the cylinder head

10. Clean the cylinder head. If the valve distribution gear has been disassembled, it must be installed with the holes toward as indicated in the picture. Install the valve stem sealings. Oil the valve stems and install the valves. Make sure to install the valves onto the valve springs in their respective original positions. Install the valve springs and the "vallets" (use a valve lock).

Fuel pump

11. Turn over the pump lever. If the discharge of the pump starts rapidly, the discharge is faulty.



Changing the diaphragm

12. Remove the air sensor, holding the upper and lower air sensor housing together. Remove the pump lever turning (3) and remove the sensor (2) holding the pump lever shaft.

Reducing valve

13. Remove the cover of the reducing valve and check to make sure that the spring and the piston are both free. If there are reasons to suspect that the operating pressure of the reducing valve, then press the base of the spring. See under "Technical Data" - reducing valve.

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