

## Removal and Installation of Fuel Main Filter

Job No.

09-1

### A. OM 636

#### Removal:

1. Disconnect the feed hose (3) between the feed pump (2) and the filter (8), the connecting hose (6) between filter (8) and injection pump (1) and the by-pass line (4) at filter (8) and/or at by-pass valve (see Figure 09-1/1).

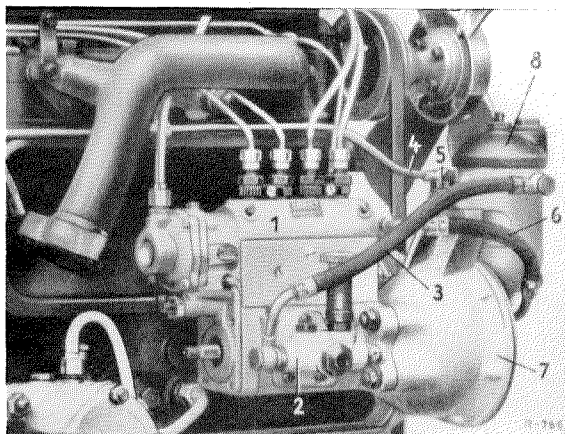


Figure 09-1/1

- |                      |                        |
|----------------------|------------------------|
| 1 Injection pump     | 5 Hexagon screw        |
| 2 Feed pump          | 6 Flexible fuel hose   |
| 3 Flexible fuel hose | 7 Timing housing cover |
| 4 By-pass line       | 8 Fuel main filter     |

2. Then remove the fuel main filter (8) from the timing housing cover (7) by unscrewing the two hexagon screws (5) (see Figure 09-1/1).

#### Cleaning Fuel Main Filter (see Job No. 09-3, Point b)

#### Installation:

3. Fix the fuel main filter (8) to the timing housing cover (7) with the two hexagon screws (5) (see Figure 09-1/1).

**Note:** On engines with injection timing device a 20 mm thick Shim Part No. 636 092 04 20 has to be installed between the filter and the timing housing cover.

4. Check serviceability of the fuel hoses. Then furnish fuel hoses with new sealing rings before connecting to filter, by-pass valve, feed pump and injection pump. The hoses must be installed in such a way that they do not chafe anywhere and are free of tension.

5. Bleed fuel system (see Job No. 00-10).

### B. OM 621

In principle, the removal and installation procedures of the main fuel filter are identical with those on the OM 636. Additionally, also unscrew the bleeder line (14) and the cross fitting (9) from the filter. When installing, see to it that the cross fitting is mounted with a **normal hex. hd. screw** and not with a hollow screw. The cross fitting is not connected with the filter, but only serves as a mounting (see Figure 07-9/1).