

## Cleaning of the Fuel Pre-filter

Job No.

09-5

For vehicle engines the pre-filter is attached to the frame and for built-in engines partly mounted on the feed pump (see Table, Page 07-14/2) or installed in the fuel suction system in front of the feed pump (see Figure 09-5/1).

The pre-filters must be cleaned as follows:

### a) In the Vehicle:

1. Loosen the wing nut, put the wire clamp aside and remove the filter cup (Figure 09-5/1).

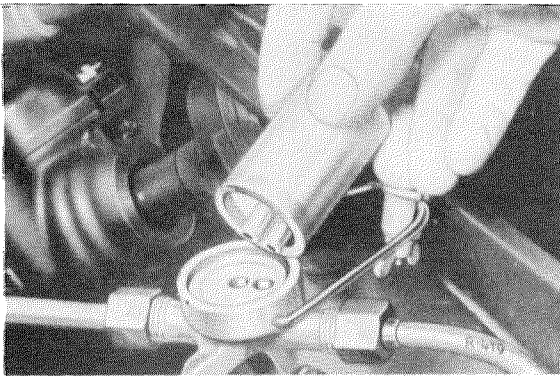


Figure 09-5/1

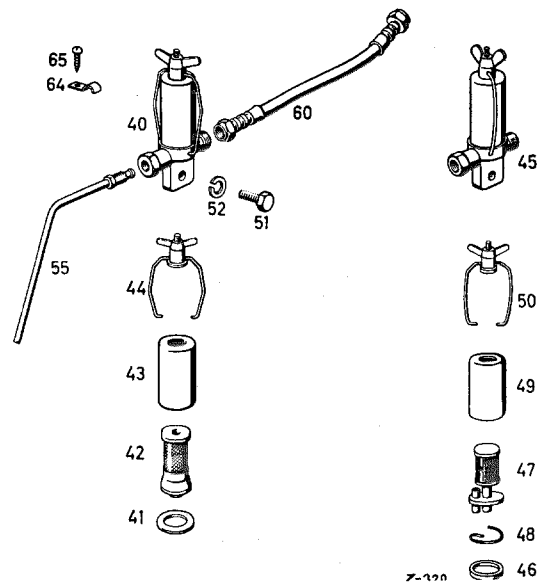


Figure 09-5/2

- |                    |                                    |
|--------------------|------------------------------------|
| 40 Fuel pre-filter | 49 Filter cup                      |
| 41 Gasket          | 50 Wire clamp                      |
| 42 Filter element  | 51 Hexagon screw                   |
| 43 Filter cup      | 52 Lock washer                     |
| 44 Wire clamp      | 55 Fuel line                       |
| 45 Fuel pre-filter | 60 Flexible hose                   |
| 46 Gasket          | 64 Fixing clamp                    |
| 47 Filter element  | 65 Lens head screw for sheet metal |
| 48 Retaining ring  |                                    |

2. Take out the filter element (42) or (47). This operation is different depending on the design of the fuel pre-filter (40) or (45) (see Figure 09-5/2).

At the version (40) screw the filter element (42) out of the lower part of the full-flow filter. At the version (45) remove first the retaining ring (48) and then take the filter element (47) out of the filter cup (49) (see Figure 09-5/2).

3. Take out the gasket (41) or (46) (see Figure 09-5/2).
4. Wash the filter components in gasoline or Stoddard solvent and blow out with compressed air.

5. Install a new gasket (41) or (46) in the filter housing (see Figure 09-5/2).
6. Depending on the version of the pre-filter screw the filter element (42) into the socket of the filter or slide the filter element (47) into the filter cup (49) and install the retaining ring (48) (see Figure 09-5/2).
7. Install filter cup, put the wire clamp upright and tighten the wing nut.

Make sure that the filter cup is properly seated.

8. Finally, test filter and fuel lines for leaks.
- b) **Built-in Engine** (Feed pump with pre-filter see Figure 09-5/3).

Loosen the knurled nut (3), put aside the clamping bracket (2) and remove the housing (5). Thoroughly clean the wire gauze element (4) with brush in clean gasoline; do not use wire brush. The gasket (1) becomes hard and unserviceable after a certain time; therefore, replace the gasket in time to prevent infiltration of air! During assembly make sure that the clamping bracket is vertically seated and that the knurled nut is secured tightly (see Figure 09-5/3).

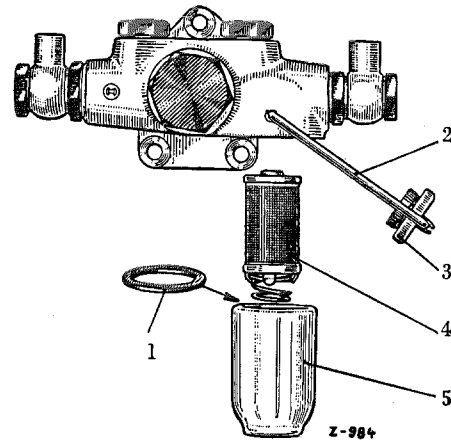


Figure 09-5/3

Fuel Feed Pump with Pre-cleaner disassembled

- |                    |              |
|--------------------|--------------|
| 1 Gasket           | 4 Wire gauze |
| 2 Clamping bracket | 5 Housing    |
| 3 Knurled nut      |              |

Job No.

09-7

## Removal and Installation of Air Filter

### Removal:

Remove the bleeder line. Loosen the hex. hd. screw on the throttle duct for the mounting bracket of the air filter (only with OM 636) as well as the tightening clamp on the air filter and then remove the filter.

### Installation:

Mount the air filter with the tightening clamp. Tighten the hex. hd. screw on the throttle duct. Mount the bleeder line.