

A. OM 636

If a complete feed pump is exchanged, check the design of power train. The feed pumps with the designation FP/K 61 A 47 with long roller tappet guides are driven by one of the 4 cams of the camshaft and **must only be attached to injection pumps with the designation S 17, S 17z, RS 17 and RS 60**. The injection pumps with the designation RS 50, RS 50z, RS 68, RS 68z, RS 144, RS 144z, RS 204 and RS 204z are equipped with camshafts with an eccentric to drive the feed pump. It can be determined from outside through the hole in the mounting flange whether the camshaft is equipped with a cam or a driving eccentric.

All other feed pump designs are furnished with a short roller tappet guide and can be used for either of the two types of drives. Feed pumps with light metal

housing can also be exchanged for pumps with a housing of cast iron (also see List and Characteristic Features of the Fuel Feed Pumps, Job No. 07-14).

Removal:

1. Disconnect the two fuel hoses at the feed pump.
2. Loosen the nuts at the mounting flange of the feed pump and remove feed pump; take care of lock washers and washers.

Disassembly and Partial Repairing of Fuel Feed Pump (see Job No. 07-14).

Installation:

3. Apply several drops of oil to the guide of the roller tappet. Install the feed pump with a new gasket.

Note: Set the driving eccentric or the driving cam so that the roller tappet is not tensioned during the installation of the feed pump. If necessary crank the engine until the roller tappet is released.

4. Install washers and lock washers and secure the feed pump by uniform tightening of the fixing nuts.
5. Connect the two fuel hoses, use new sealing rings for this purpose, and bleed the fuel system (see Job No. 00-10).

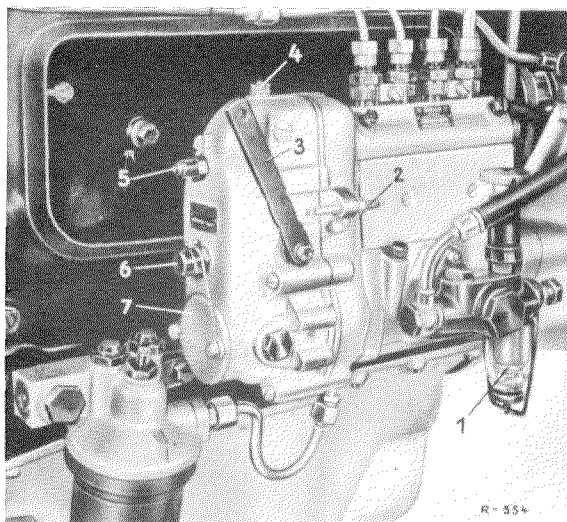


Figure 07-13/1

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|--------------------------------|--|
| 1 Pre-cleaner at the feed pump | 5 "Stopping" stop |
| 2 Stop of the adjusting lever | 6 Idling helper spring |
| 3 Adjusting lever | 7 Lid to full load stop and to adapting device |
| 4 Cap oiler | |

B. OM 621

The removal and installation procedures for the fuel feed pump Bosch EP/K 22 M 2/8 are identical as described in section A, items 1 to 5.