

# Removal and Installation of Water Pump

Types 220 and 220a

Operation No.
M 40

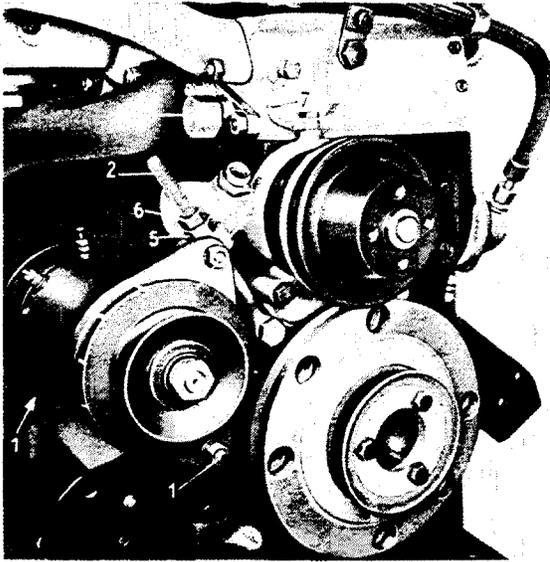


Fig. M 40/00

- |                                     |                                    |
|-------------------------------------|------------------------------------|
| 1 Generator mounting front and rear | 4 Screw with nut and spring washer |
| 2 Generator tightening screw        | 5 Tightening nut                   |
| 3 Clamping piece                    | 6 Check nut                        |
|                                     | 7 Vent line                        |

## Procedure:

1. Drain part of the cooling water (watch out for additives!).
2. Unscrew fan, loosen V-belt tensioner at generator and remove V-belt.
3. Unscrew and remove vent line from water pump to cylinder head (see Fig. M 40/00).
4. Loosen and remove lines at water pump.
5. Unscrew water pump.
6. Install pump in reverse order of removal, using a new sealing flange.
7. After pump has been installed, tension V-belt and replenish cooling water.

**Note:** Today the lugs for the fastening screws are milled on; their height is 24 mm (0.95"), formerly it was 27 mm (1.06"). Install hexagonal screws M 8 × 35 if the lugs are 24 mm (0.95") high, and hexagonal screws M 8 × 38 if the lugs are 27 mm (1.06"). In Type 220 the fastening screw at the lower left is of the hexagonal socket head type.

Type 220: Do not forget adjusting washer between pulley and fan!