

E. Removal and Installation of Water Pump and Fan

Repair procedure — see Job No. 20—5.

Removal:

1. If the engine is installed, drain part of the cooling water (collect water where additives are present!) and after releasing the hose clips remove the lines at the water pump. Unscrew the fan.
2. Slacken the nuts of the generator mounting (1), the clamping device nuts (2—6) and turn the clamping nut (4) far enough toward the right to allow the Vee-belt to be removed (see Fig. 01—4/20).
3. Unscrew and remove the vent line from water pump to cylinder head.
4. Unscrew the water pump.

Installation:

5. When installing the water pump, replace the gasket and the sealing ring behind the upper fixing lug on the water pump.
6. Install the vent line without forcing and use two new sealing rings at each union.
7. Put on and tighten the Vee-belt (see Job No. 01—4, Section D).
Screw up all the Vee-belt clamping device and generator mounting nuts.
8. If the engine is installed, connect all lines at the water pump, refill the radiator and screw on the fan.
9. Check the fan clearance (see Job No. 50—1).

Subsequent Installation of a Tropical Fan (Optional extra SA 10113)

For tropical countries in which the normal fan is no longer sufficiently effective, a tropical fan with an increased cooling effect can be installed as an extra. The tropical fan can be installed in place of the standard fan simply by using a compensating washer.

List of available parts:

Tropical fan
Compensating washer

Part No. 180 200 00 24
Part No. 180 205 04 52