

## General

Any hose lines to be replaced must be assembled from new hoses (available by the yard) and the existing fittings, provided the latter are still in order.

The following four hose versions are used:

NW 6  
NW 8  
NW 10  
NW 13

- 1 Drain air-conditioning system (for details refer to Job No. 83.0–850).
- 2 Mark location of old hose fittings on old hose line.
- 3 Remove hose and detach fittings.
- 4 Cut new hose to the length of the old hose line using metal saw. Make sure that no metal chips enter inside hose. Cutoff projecting wire ends.
- 5 Gently clamp new hose in vice at a point approx. 60 mm from end, making sure that the hose is not damaged.

**6** Lubricate inside of hose couplings (2) with refrigeration oil and thread onto hose end up to 2 mm, before stop in coupling (Fig. 1).

7 Clamp coupling (2) with hose (3) in vice. Lubricate connection (1) of hose fittings with refrigeration oil and screw into coupling with refrigerant hose up to 1 mm before stop. Make sure that the two connections are in the same position as on the removed hose.

- 8 Blow through hose with nitrogen or refrigerant R 12 or, if possible, flush with R 11. Then plug connections.

9 Install new hose line. Lubricate threads with refrigeration oil and connect hoses. Torque connections as specified (refer to Job No. 83.0-915) while applying counterhold with an open end wrench.

**10** Reinstall all clamps and hose straps and tighten, making sure that the hose line is mounted free of tension.

**11** Evacuate air-conditioning system and recharge (for details refer to Job No. 83.0–830 and 840).

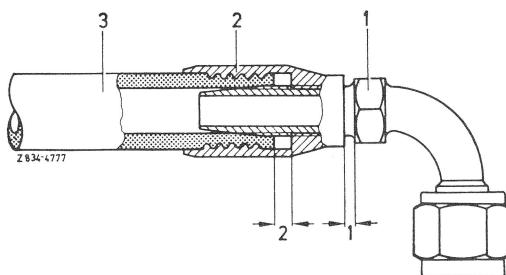


Figure 1  
Hose fittings with hose line

- 1 Connection
- 2 Coupling
- 3 Hose line