

Repair of Bearing Assembly

(With bearing assembly removed from the vehicle)

Job-No.

26—14

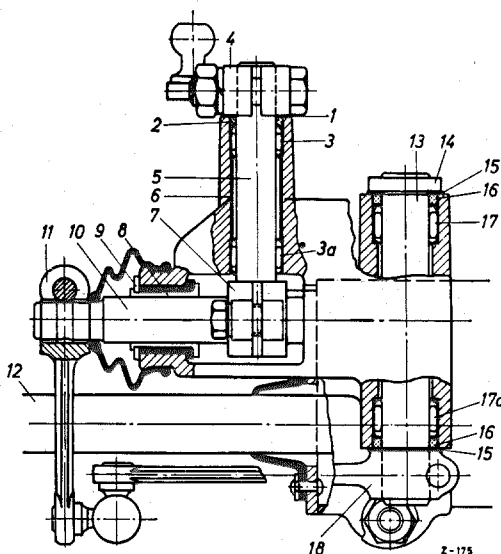


Fig. 26 — 14/1

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|-------------------------|--------------------------------|--------------------------|
| 1 Washer | 7 Selector lever at shift tube | 14 Relay shaft lever |
| 2 Sealing ring | 8 Rubber bearing | 15 Washer |
| 3 Outer needle bearing | 9 Snap ring | 16 Sealing ring |
| 3a Inner needle bearing | 10 Shift tube | 17 Outer needle bearing |
| 4 Selector lever | 11 Lever at shift tube | 17a Inner needle bearing |
| 5 Selector lever shaft | 12 Steering tube | 18 Relay lever |
| 6 Spacer sleeve | 13 Relay shaft | |

A. Removal and Installation of Selector Lever Shaft and Needle Bearings

Removal:

1. Pull selector lever shaft (5) together with the sealing ring (2) out of the bearing assembly. If on removal of the selector lever shaft the sealing ring is not removed automatically, it should be pried out with a screw driver.

Note: The selector lever (7) at the shift tube was already removed when the bearing assembly itself was removed.

2. Apply a suitable drift to the outside needle bearing (3) and drive out the needle bearing toward the inside together with the spacer sleeve (6) and the inside needle bearing (3a).
3. Clean all parts and check whether they are still serviceable.

Installation:

4. Liberally coat the two needle bearings with roller bearing grease.

5. Drive in the inside needle bearing (3a) from the outside until the needle bearing is flush with the inside wall of the bearing assembly.
6. Install the spacer sleeve (6) and drive in the outside bearing.
7. Install the sealing ring (2) in the bearing assembly and slide a Spring Washer 12 N 55a and the washer (1) onto the selector lever shaft.
Smear the selector lever shaft with roller bearing grease and insert it in the bearing assembly.

Note: No washers or sealing rings are installed between the selector lever at the shift tube (7) and the bearing assembly.

On earlier models, Spring Washer 12 N 55a was not used; it should, however, be installed subsequently (see Job No. 26—3, Paragraph 9, Note).