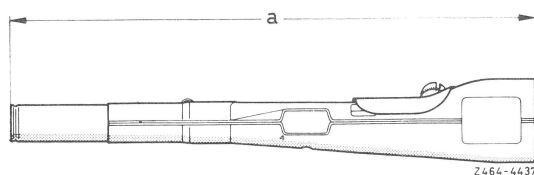


Data

Length of jacket tube "a"

604⁻¹**Tightening Torques in kpm**

Hex nut to steering spindle

5

Hexagon socket screw to steering coupling

2.5

Locking screws to cross member

2.5

Special Tool

Assembly pin for steering spindle (Fig. 5)

self-made

Removal

- 1 Disconnect cable on battery.
- 2 Unscrew upper hexagon socket screw (13) from steering coupling (12) (Fig. 1).

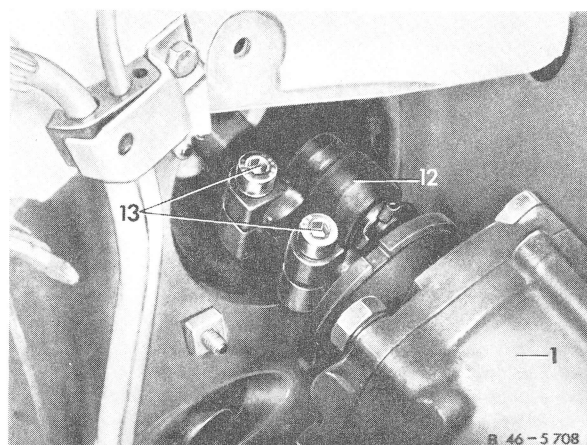


Fig. 1

1 Steering
12 Steering coupling

13 Hexagon socket screw

- 3 Remove combination instrument (54.1.310):

- 4 Remove steering lock (46.1-640).

- 5 Loosen plug connection for cable assembly of jacket tube.

- 6 Unscrew hex bolts holding cover plate (7) to front end (Fig. 2).

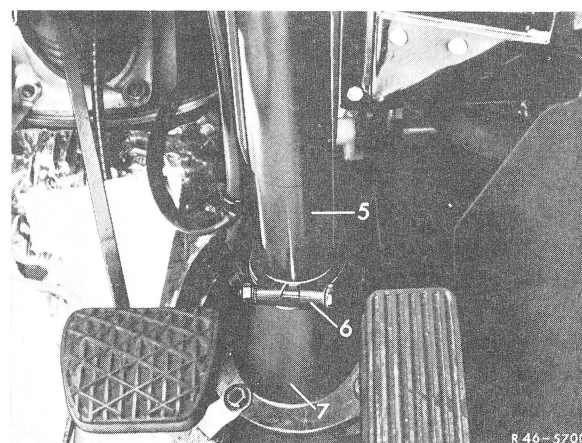


Fig. 2

5 Jacket tube
6 Fastening clip

7 Cover plate

46.1 Removal and Installation of Jacket Tube

7 Unscrew both locking screws (2) for attaching jacket tube to cross member (1) (Fig. 3).

8 Remove jacket tube.

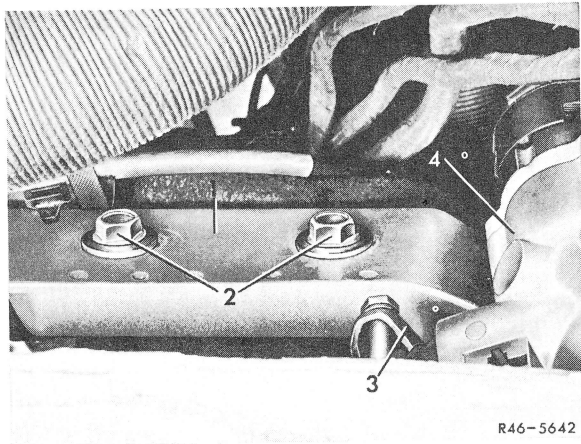


Fig. 3

- | | |
|-----------------|------------------|
| 1 Cross member | 3 Fastening clip |
| 2 Locking bolts | 4 Steering lock |

Installation

If the jacket tube has been **crushed by an accident, be sure to replace**, since it can no longer be returned to its specified position.

9 Loosen clamping screw on fastening clip (6) (Fig. 2 and 6).

10 Locate steering spindle with assembly pin (25) through bore in jacket tube (5) (Fig. 4).

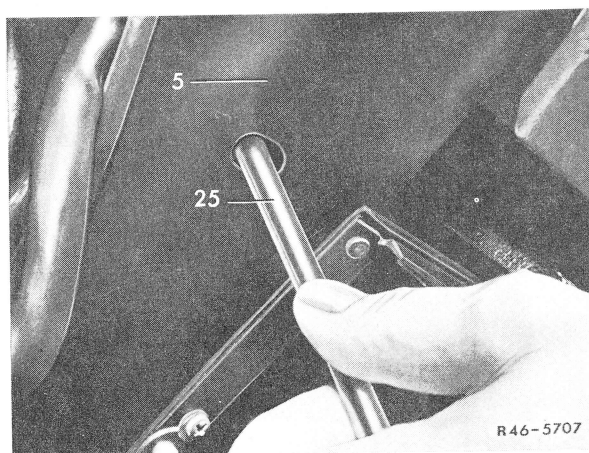


Fig. 4

- | | |
|---------------|-----------------|
| 5 Jacket tube | 25 Assembly pin |
|---------------|-----------------|

Note: Be sure to locate steering spindle, since it should not be axially displaced when installing jacket tube.

The assembly pin is self-made according to the dimensions shown in Fig. 5.

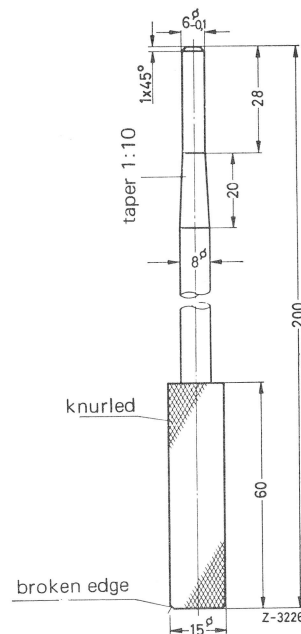


Fig. 5

11 Check whether rubber sleeve (8) for sealing the steering spindle (2) is correctly located in jacket tube (5) (Fig. 6).

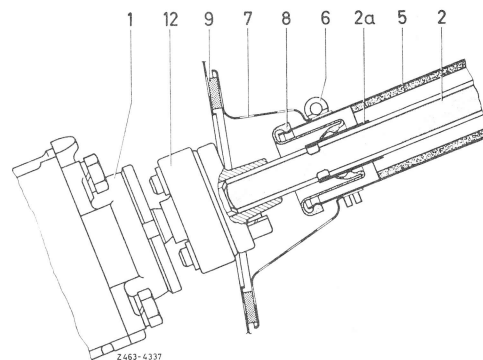


Fig. 6

- | | |
|--------------------|----------------------|
| 1 Steering | 7 Cover plate |
| 2 Steering spindle | 8 Rubber sleeve |
| 2a Sealing ring | 9 Sealing shim |
| 5 Jacket tube | 12 Steering coupling |
| 6 Fastening clip | |

12 Insert jacket tube (5) into front end and cross member, making sure that the sealing shim (9) is correctly seated on cover plate (7) and is inserted into steering coupling (12) together with the steering spindle (2) (Fig. 6).

13 Screw jacket tube (5) with both locking screws (2) to cross member (1), but do not yet tighten screws. (Fig. 7).

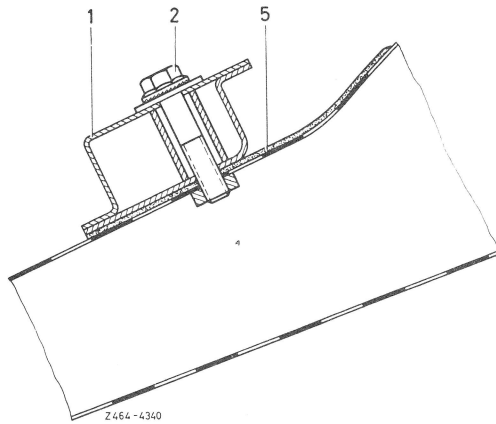


Fig. 7

1 Cross member
2 Locking screw

5 Jacket tube

14 Attach cover plate to front end, then tighten locking screws on cross member and clamping screw on fastening clip.

15 Connect plug connection of cable assembly to each other.

16 Install steering lock.

17 Install instrument cluster (combination instrument).

18 Install steering wheel.

19 Screw upper clamping screw into steering coupling and tighten. Tightening torque 2.5 kpm (reference value).