

# Removal and Installation of Steering Column Bracket with Lock

Models 219, 220 a, 220 S

Job No.

L 8

## A. Model 219

### Removal:

1. Disconnect the ground cable at negative terminal of the battery.
2. Remove the instrument cluster.
3. Remove the ash-tray and the cigar lighter.
4. Turn the steering lock to the "Garage" position and take out the ignition key.
5. Remove the hexagon nuts (3) of the tightening strap at the steering column bracket and remove the tightening strap forward (in the direction of travel) (Fig. L 8/1).

**Note:** The tightening strap is fastened at the steering column bracket by a hexagon nut. It is locked in position by a second hexagon nut.

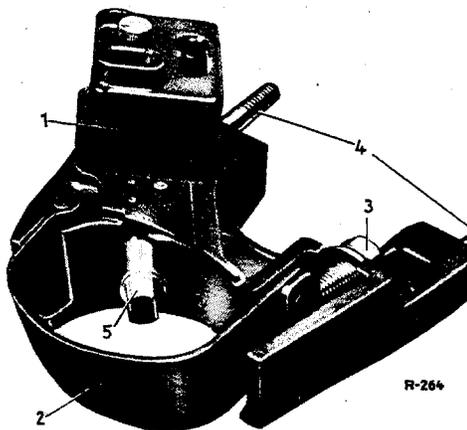


Fig. L 8/1

- 1 Steering column bracket with lock
- 2 Tightening strap
- 3 Hexagon nut
- 4 Stud bolts
- 5 Lock bolt

6. Unscrew from below the three screws (1) of the attaching plate (4) for the control knobs and pull the attaching plate (4) slightly toward the steering wheel (Fig. L 8/2).

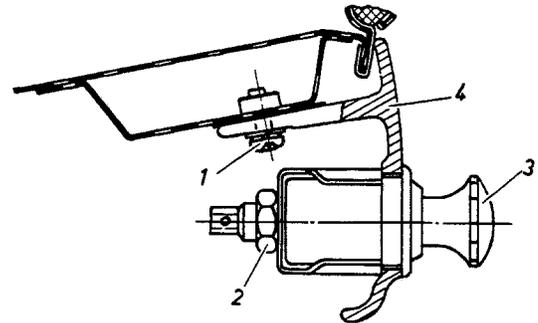


Fig. L 8/2

- 1 Fixing screw
- 2 Fixing nut
- 3 Cigar lighter
- 4 Attaching plate

7. Unscrew the hexagon nuts from the steering column bracket stud bolts (4) (see Fig. L 8/1).

Press the steering column jacket slightly downward and remove the steering column bracket with lock.

8. Remove the contact cap from the steering column bracket and disconnect the cables (Fig. L 8/3).

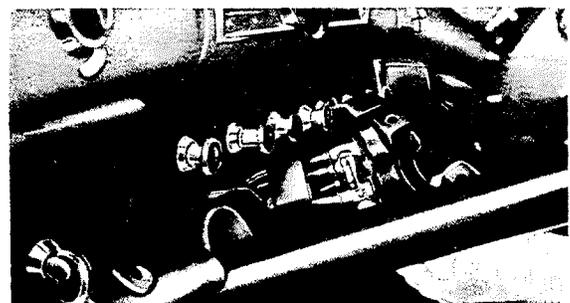


Fig. L 8/3

### Installation:

9. Connect up the electric cables to the contact plate; when doing this, pay attention to the color coding:

Connect the red cable to terminal 30,

the black cable and the black/red cable to terminal 15,  
the blue cable to terminal 61.

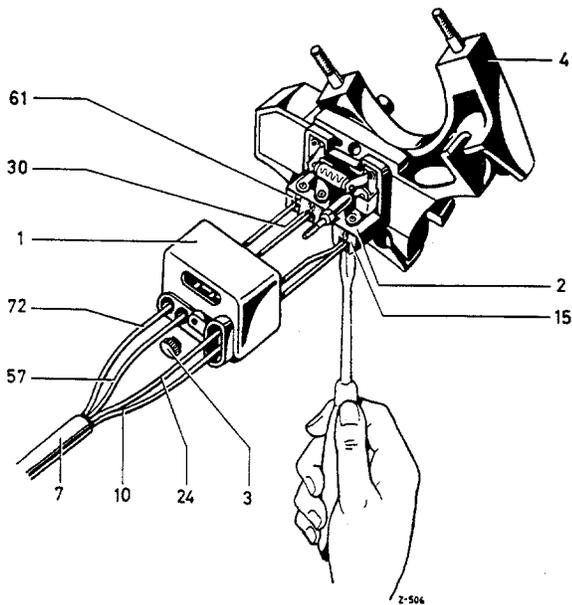


Fig. L 8/4

- |  |                                  |
|--|----------------------------------|
| 1 Contact cap                                | 15 Terminal 15                   |
| 2 Ignition switch                            | 24 Lead No. 24 (black/red cable) |
| 3 Round nut                                  | 30 Terminal 30                   |
| 4 Steering column bracket assembly with lock | 57 Lead No. 57 (red cable)       |
| 7 Cable Sheaf (7)                            | 61 Terminal 61                   |
| 10 Lead No. 10 (black cable)                 | 72 Lead No. 72 (blue cable)      |

10. Insert the steering column bracket with lock; screw on and tighten the two hexagon nuts for the two stud bolts (4) (see Fig. L 8/1).

**Note:** Install the lock in the "Garage" position.

11. Screw on the attaching plate for the control knobs. Install the cigar lighter and the ash-tray.
12. Insert the tightening strap which fixes the steering column jacket from the front and by means of the tightening strap (2), fix the steering column jacket to the steering column bracket by screwing on and tightening the hexagon nuts (3) (see Fig. L 8/1).
13. As a check, switch the steering lock to the "Halt" ("Stop") position and take out the ignition key.

In this position the lock bolts must engage in the steering tube and thus lock the steering.

**Note:** Positions of the steering lock:

Key turned to the right = "Halt" ("Stop"): ignition switched off, steering locked. The ignition key can be taken out.

Key vertical = "Garage": ignition switched off, steering free. The ignition key can be taken out.

Key turned to the left = "Fahrt" ("Drive"): ignition switched on, steering free. The ignition key cannot be taken out.

14. Install the instrument cluster.
15. Connect up the ground cable to the negative terminal of the battery.
16. Check whether the electrical system is working properly.

## B. Models 220a and 220S

### Removal:

1. Disconnect the ground cable at the negative terminal of the battery.
2. Remove the upper insulation panel in the left glove locker.
3. Remove the instrument cluster.
4. Turn the steering lock to the "Garage" position and take out the ignition key.
5. Unscrew the hexagon nuts (3) of the tightening strap at the steering column bracket and take out the tightening strap forward (in the direction of travel) (see Fig. L 8/1).

**Note:** The tightening strap is fastened at the steering column bracket by a hexagon nut. It is locked in position by a second hexagon nut.

6. Release the left side of the attaching plate for the control knobs by removing the two pull switches for the roof lighting and instrument lighting and the right side by turning back the lock nuts and the threaded bolts.
7. Unscrew the hexagon nuts (1) and (2) from the two steering column bracket stud bolts (Fig. L 8/5).

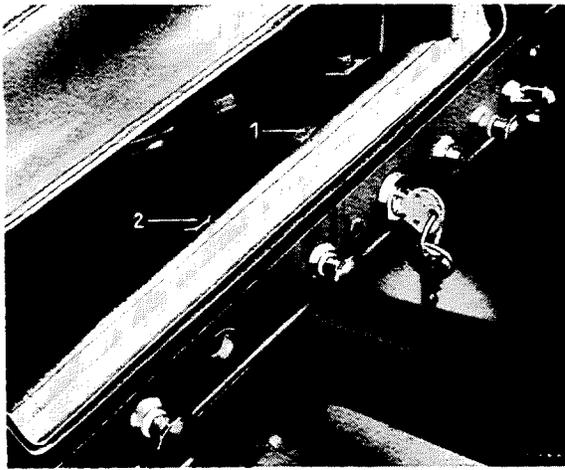


Fig. L 8/5

8. Pull the attaching plate slightly toward the steering wheel and press the steering column jacket slightly downward and remove the steering column bracket with lock.
9. Unscrew the contact cap from the steering column bracket and disconnect the cables.

**Installation:**

10. Connect up the electric cables to the contact plate; when doing this, pay attention to the color coding:  
Connect the red cable to terminal 30, the black cable and the black/red cable to terminal 15,  
the blue cable to terminal 61 (see Fig. L 8/4).
11. Insert the steering column bracket with lock; screw on and tighten the two hexagon nuts for the two stud bolts (4) (see Fig. L 8/5).

**Note:** Install the lock in the "Garage" position.

12. Install the attaching plate for the control knobs. To do this, install the two pull switches for the roof lighting and the instrument lighting and tighten up the two threaded bolts below the octane number compensator; lock the bolts with the two hexagon nuts.

**Note:** The attaching plate can be centered with the cylinder of the lock by moving the threaded bolts (see Fig. L 8/5).

13. Insert the tightening strap which fixes the steering column jacket from the front and by means of the tightening strap (2), fix the steering column jacket to the steering column bracket by screwing on and tightening the hexagon nuts (3) (see Fig. L 8/1).

14. As a check, switch the steering lock to the "Halt" ("Stop") position and take out the ignition key.

In this position the lock bolts must engage in the steering tube and thus lock the steering.

**Note:** Position of the steering lock:

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15. Install the instrument cluster.
16. Connect up the ground cable to the negative terminal of the battery.
17. Check whether the electrical system is working properly.