

Tightening Torque

Nm

(kpm)

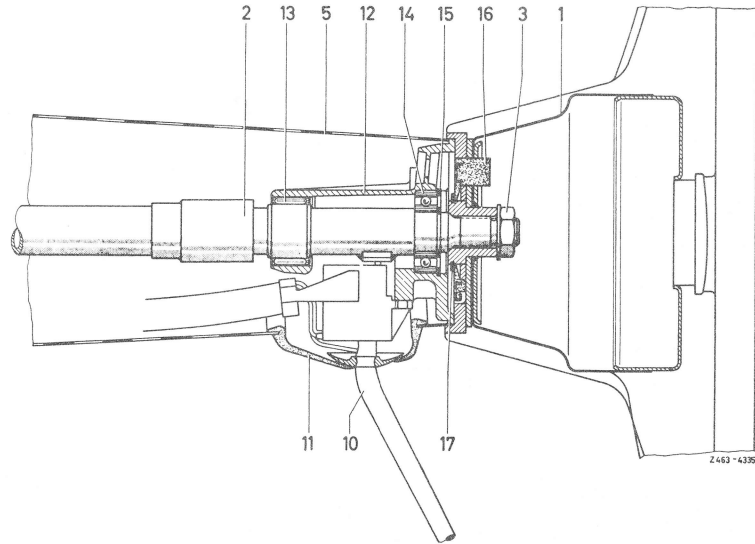
Hex. nut for attaching steering wheel to steering spindle

50

(5)

Fig. 1

- 1 Steering wheel
- 2 Steering spindle
- 3 Hex. nut with spring washer
- 5 Jacket tube
- 10 Combination switch
- 11 Rubber cover
- 12 Bearing body
- 13 Needle bearing
- 14 Radial ball bearing
- 15 Locking ring
- 16 Slip ring
- 17 Locking ring



A. Version 1, Plastic-foamed Steering Wheel (Polyurethane), Production up to End of 1972

Removal

1 Carefully lift Company symbol (18) from steering wheel (1) with a small screw-driver (Fig. 3).

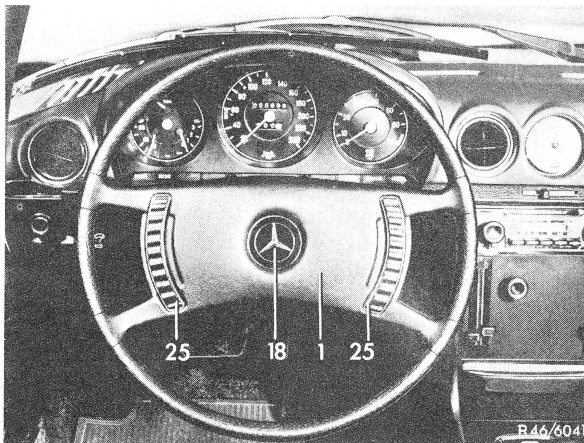


Fig. 2

- 1 Steering wheel
- 18 Company symbol
- 25 Signal buttons

2 Unscrew hex. nut (3) and remove spring washer as well as steering wheel from steering spindle (2) (Fig. 1 and 4).

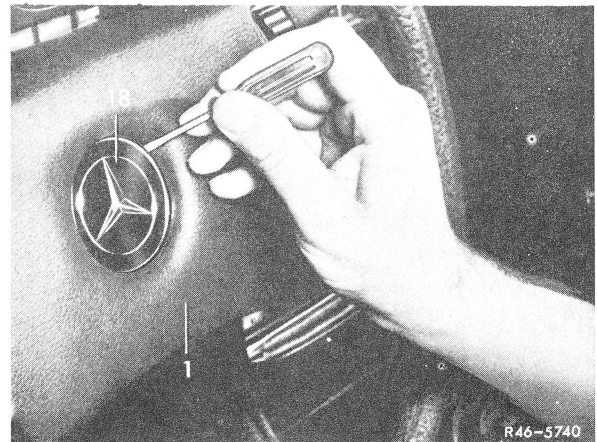


Fig. 3

1 Steering wheel

18 Company symbol

46.1 Removal and Installation of Steering Wheel

Installation

3 Turn steering spindle (2) in such a manner that the marking line (2a) is pointing accurately upward (Fig. 4 and 5).

4 Position steering wheel on splining of steering spindle and make sure of horizontal position of spokes on steering wheel; the lightly curved spoke should be below.

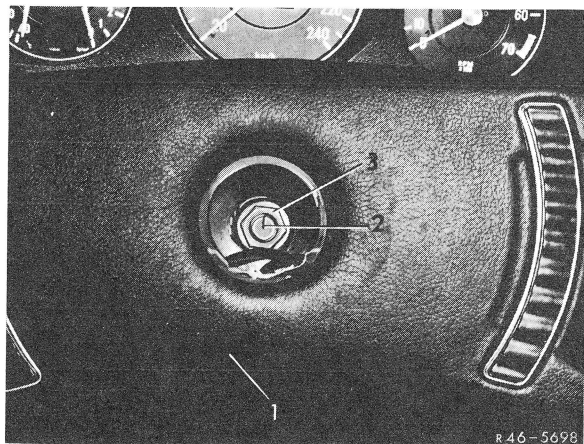


Fig. 4

- 1 Steering wheel
- 2 Steering spindle
- 3 Hex. nut with spring washer

5 Place hex. nut into a socket wrench, add spring washer and glue with tape to socket wrench.

Screw hex. nut to steering spindle and make sure that the spring washer does not drop from socket wrench. Remove tape from socket wrench, then tighten hex. nut to 50 Nm (5 kpm). Push Company symbol into steering wheel.

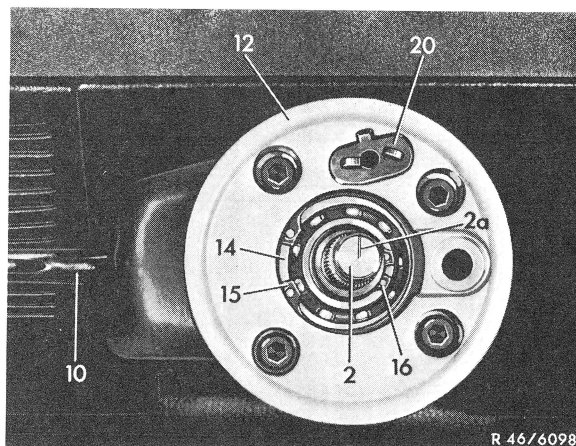


Fig. 5

- 2 Steering spindle
- 2a Mark on steering spindle
- 10 Combination switch
- 12 Bearing body
- 14 Radial ball bearing
- 15 Locking ring
- 16 Locking ring
- 20 Contact carbon

6 During trial run, check position of steering wheel in straight-ahead position of road wheels. If the position of the steering wheel while driving straight ahead is not in alignment with the front wheels, check toe-in and make corrections, if required. If the steering wheel position then still needs correction, the steering wheel can be displaced in the splining to the left or to the right (max. 2 teeth).

7 Check signal horns for function and automatic return of combination switch.

B. Version 2, Plastic-foamed Steering Wheel (Polyurethane), Starting 1973

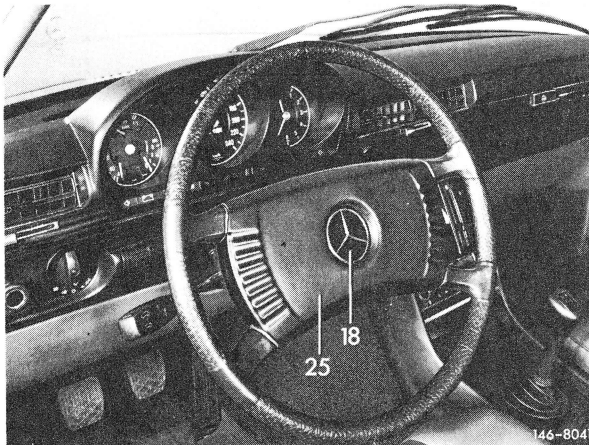


Fig. 1

18 Company symbol 25 Padded plate

1 Pull-off padded plate (25) from horn bracket in upward direction. Pulling is done best at one corner of padded plate in range of one of the two steering wheel spokes (Fig. 1).

2 Unscrew hex. nut (3). Remove spring washer first then steering wheel from steering spindle (Fig. 2).

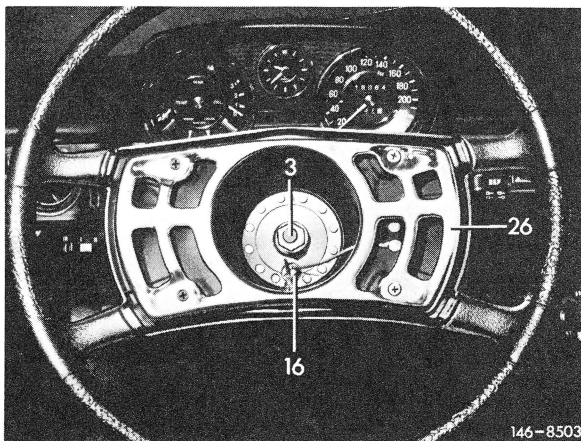


Fig. 2

3 Hex. nut with spring washer 26 Horn bracket
16 Slip ring

Installation

3 Turn steering spindle (2) in such a manner that the marking line (2a) is pointing accurately upward (section A, Fig. 5).

4 Position steering wheel on splining of steering spindle and make sure of horizontal position of spokes on steering wheel; the lightly curved spoke should be below.

5 Place spring washer on steering spindle, screw-on hex. nut (3) and tighten to 50 Nm (5 kpm) (Fig. 2).

6 Attach padded plate to horn bracket. Starting with unbuttoning padded plate at one end in range of steering wheel spokes will be best. Do not use force, so that horn bracket is not damaged.

7 During trial run, check position of steering wheel in straight-ahead position of road wheels. If the position of the steering wheel while driving straight ahead is not in alignment with the front wheels, check toe-in and make corrections, if required. If the steering wheel position then still needs correction, the steering wheel can be displaced in the splining to the left or to the right (max. 2 teeth).

8 Check signal horns for function and automatic return of combination switch.

Note: Dirty or sticky steering wheels can be cleaned with a neutral household cleaner by washing steering wheel with a luke-warm solution of the cleaner.

Do not use scouring compounds, since they will attack the plastic foaming.