

A. Steering wheel made of rigid plastics (Bealit)

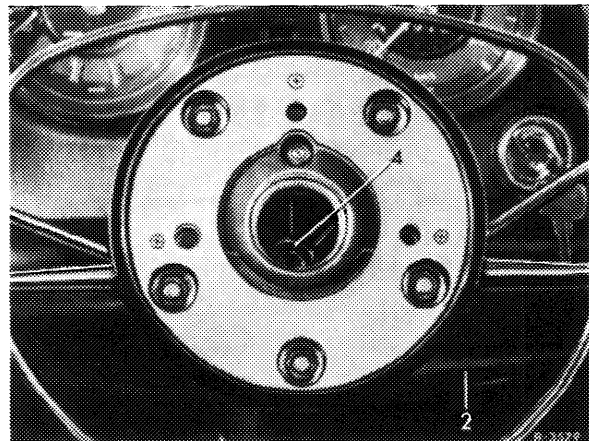
Tightening torques	Nm	(kpm)
Hex nut for attaching pad to steering shaft	50	(5)
Hex nut for attaching steering wheel to pad	10–15	(1–1.5)

Note

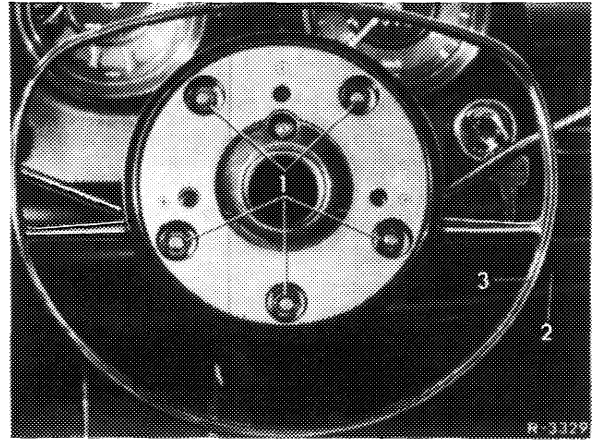
Upon removal of steering wheel make sure of the following: Generally, steering wheel is taken from pad, that is, pad remains on steering shaft (item 3 to 7). During repairs on jacket tube or steering shaft or shift tube steering wheel must be removed together with pad (item 1 to 7).

Removal

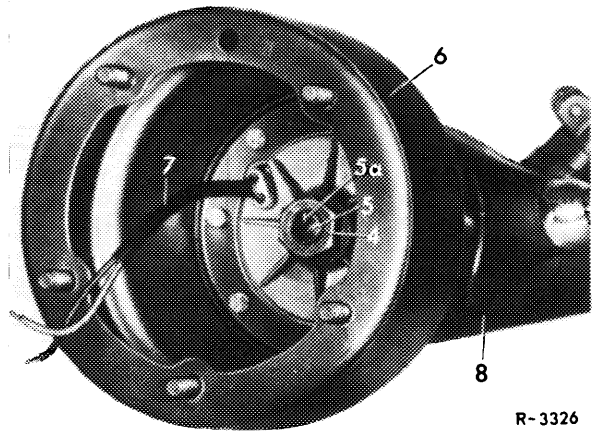
- 1 Remove company symbol from steering wheel.
- 2 Unscrew hex nut (4) from steering shaft by means of socket wrench, then remove steering wheel (2) together with pad.



3 Unscrew hex nuts (1) and carefully remove steering wheel from pad, since cable for slip ring (7) is connected.

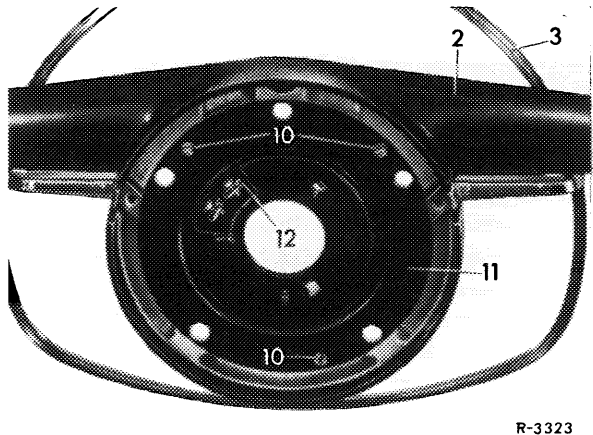


4 Loosen cable for slip ring (7) on contact ring (12) and remove steering wheel.



5 Unscrew countersunk screws (10) from steering wheel (2) and then remove centering plate (11) and contact ring (12).

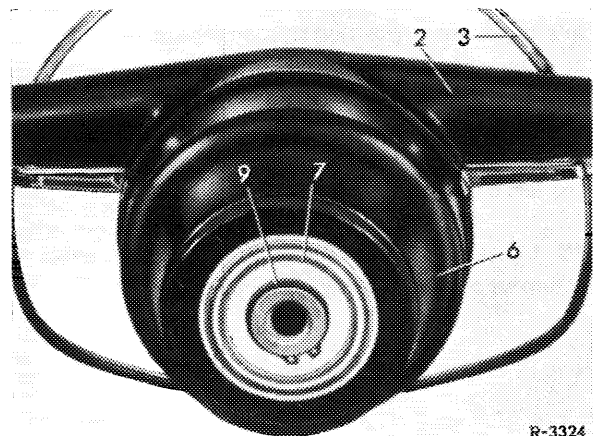
6 Remove horn ring (3) from steering wheel.



7 Remove locking ring (9), followed by slip ring (7) from hub of pad.

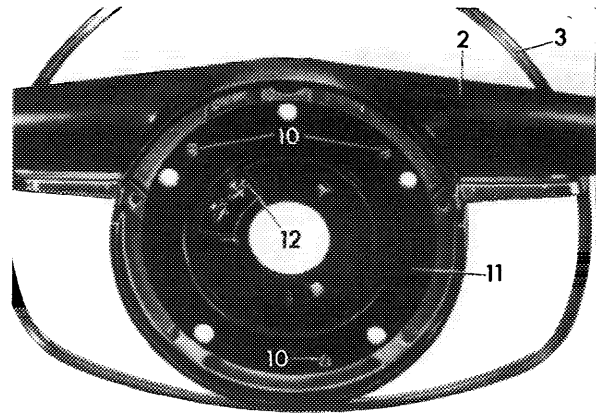
Installation

8 Attach slip ring (7) together with locking ring (9) to pad.



9 Insert horn ring (3) into steering wheel.

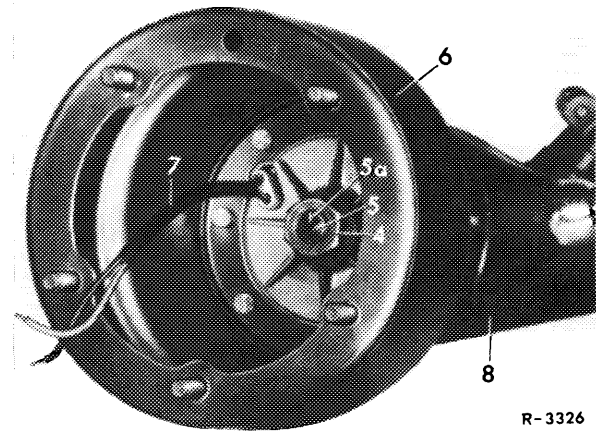
10 Place contact ring (12) on horn ring (3) in such a manner that terminals enter recesses of centering plate (11). Attach centering plate to steering wheel by means of hex screws (10).



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11 Connect cable for slip ring (7) to contact ring.

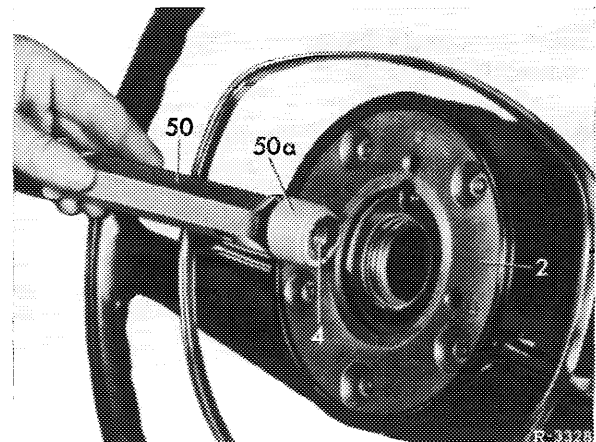
12 Attach steering wheel to pad, tightening hex nuts to 10 to 15 Nm (1 to 1.5 kpm).



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13 Attach steering wheel with pad on steering shaft. For this place steering wheel on splining of steering shaft while making sure of horizontal position of spokes on steering wheel and of the notch on steering shaft pointing in upward direction.

14 Put hex nut (4) into socket wrench (50), add spring washer and stick both to socket wrench by means of adhesive tape (50a) (illustration 6). Screw hex nut to steering shaft while making sure that spring washer does not drop from socket wrench. Remove adhesive tape from socket wrench and tighten hex nut to 50 Nm (5 kpm).



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15 During trial run, check position of steering wheel in straight-ahead position of road wheels. If the steering wheel position when driving straight ahead is not in agreement with front wheels, check toe-in and correct, if required. If correction of steering wheel is still required, displace steering wheel in splining to the left or right (max. 2 teeth).

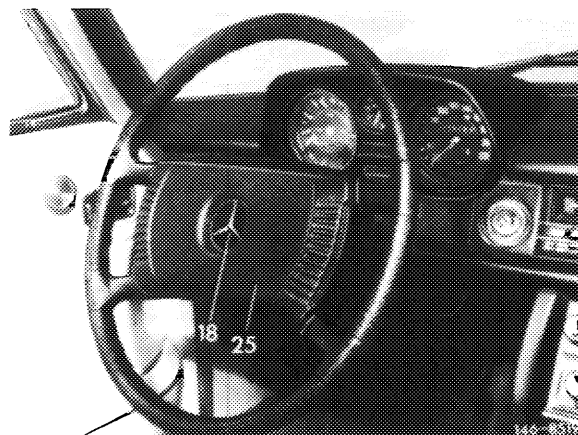
16 Check signal horns for function and automatic return of combination switch.

B. Steering wheel with plastic foaming (polyurethan)

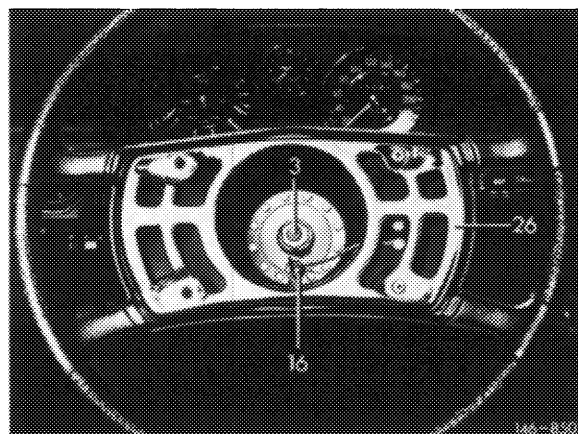
Tightening torque	Nm	(kpm)
Hex nut for attaching steering wheel to steering shaft	50	(5)

Removal

1 Pull pad (25) from horn carrier in upward direction. Pulling is done best at a corner of pad near one of the two steering spokes.



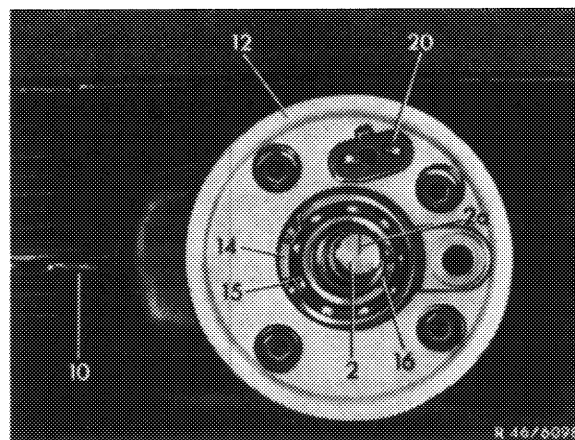
2 Unscrew hex. nut (3). Remove spring washer first, then take steering wheel from steering shaft.



Installation

3 Turn steering shaft (2) so that marking line (2a) is pointing accurately upwards.

4 Place steering wheel on splining of steering shaft while making sure of horizontal position of spokes on steering wheel; the slightly curved spoke should be below.



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

6 Attach pad to horn carrier. Buttoning-up of pad is done best by starting at a corner near steering wheel spokes. Do not use force so that the horn carrier is not damaged.

7 During trial run, check position of steering wheel in straight-ahead position of road wheels. If the steering wheel position when driving straight ahead is not in agreement with front wheels, check toe-in and correct, if required. If correction of steering wheel is still required, displace steering wheel in splining to the left or 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 neutral household cleaner, by washing the steering wheel with a lukewarm solution of the cleaner.

Do not use abrasive cleaners, since they will attack the plastic foaming.