

Cable Harness for Steering Tube

A. Circuit Diagram of Cable Harness for Steering Tube

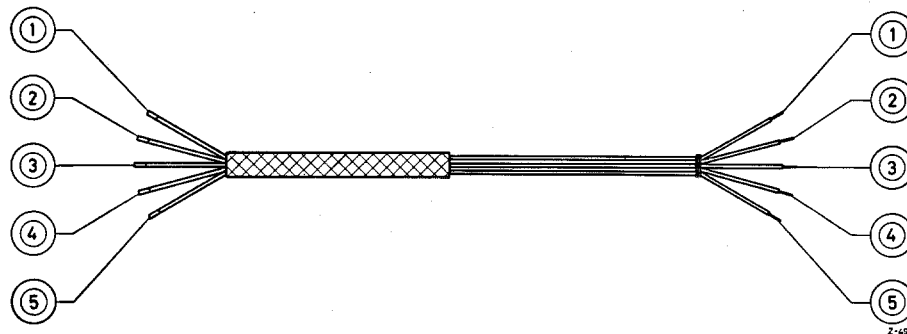


Fig. 54—3/1

B. Appendix to Cable Harness for Steering Tube

Lead No.	Basic color	Color coding	Wiring position	Wire section in mm ²
1	black	white	from cable connector, steering to contact plate at steering wheel (flash signal switch)	1.5
2	black	yellow	from cable connector, steering to contact plate at steering wheel (contact bolt)	2.5
3	black	white	from cable connector, steering to contact plate (connection flash signal left)	1.5
4	black	green	from cable connector, steering to contact plate (connection flash signal right)	1.5
5	brown	—	from contact plate at cable connector, steering (ground)	1.5

C. Removal and Installation of Cable Harness for Steering Tube

Removal:

1. Disconnect the ground cable at the negative terminal of the battery.
2. Disconnect the cable harness at the cable connector of the steering at the front left wheel arch assembly.
3. Turn the steering wheel to the left until the right steering wheel spoke is about the width of one spoke beyond the vertical and the bore in the steering column jacket is exactly in line with the opening in the contact plate. Then use a piece of welding rod approximately 20 cm long and 3 mm thick to press the trademark plate off the steering wheel from below (Fig. 54 — 3/2).

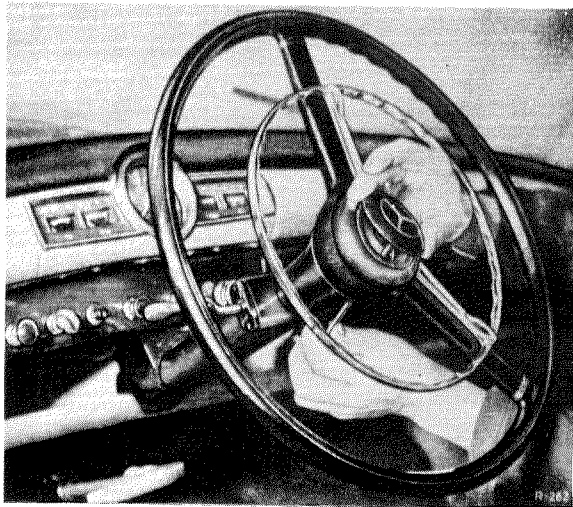


Fig. 54 — 3/2

4. Pull out the cotter pin (67) for the horn ring adjusting nut (66) and unscrew the adjusting nut. Take off the horn ring together with contact disk, compression spring, insulating plate and contact cup (Fig. 54 — 3/3).
5. Back out the three fixing screws (1) for the contact plate (Fig. 54 — 3/4) and lift up the contact plate.
6. Disconnect the cable harness from the contact plate and pull it out of the steering tube.

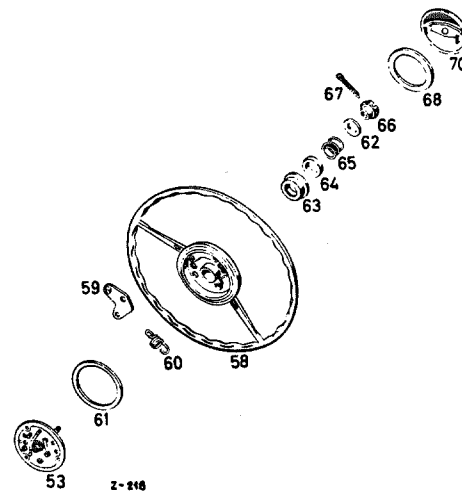


Fig. 54 — 3/3

52 Contact plate	64 Insulating plate
58 Horn ring	65 Compression spring
59 Notch lever	66 Adjusting nut
60 Return spring	67 Cotter pin 1 x 18 DIN 94
61 Washer	68 Rubber washer
62 Contact disk	70 Trademark plate
63 Contact cup	

Installation:

7. Bind the lower end of the cable harness with insulating tape. Insert the cable harness in the steering tube from the steering wheel side.

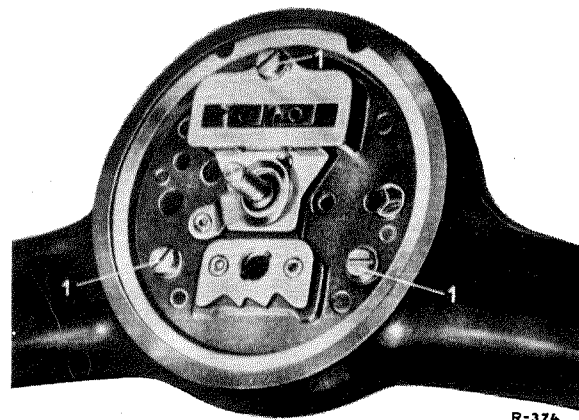


Fig. 54 — 3/4

1 Fixing screws

8. Connect up the cable harness to the contact plate (see Fig. 54 — 3/5). When connecting up the individual cables, pay attention to the color coding. The connecting terminals on the contact plate are marked with colored spots.

Connect as follows:

The black/yellow cable (Lead No. 2) to the terminal (1) marked with a brown spot, the black/green cable (Lead No. 4) to the terminal (2), marked with a black spot and a green spot,

the black/white cable (Lead No. 3) to the terminal (3), marked with a black spot and a white spot,

the brown cable (Lead No. 5) to the terminal (4), marked with a brown spot,

the black/white/green cable (Lead No. 1) to the terminal (5), marked with a black, a white and a green spot (see Section A, Circuit Diagram of Cable Harness for Steering Tube).

Note: The terminal (6), marked with a blue spot and a red spot, must be left free.

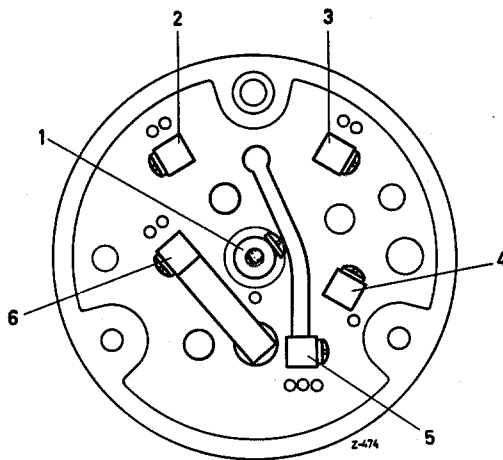


Fig. 54 — 3/5

- 1 Terminal contact bolt
- 2 Connecting terminal for right flash direction signal
- 3 Connecting terminal for left flash direction signal
- 4 Connecting terminal for horn ring, ground
- 5 Connecting terminal for flash direction signal switch
- 6 Remains free

9. Then install the contact plate so that the bore in the contact plate is in line with the one in the steering column jacket. Fix the contact plate to the steering wheel, using the three fixing screws (1) (see Fig. 54—3/4).

10. Connect the cable harness to the cable connector for the steering — at front left wheel arch assembly. When connecting up the individual cables, pay attention to the color coding. The individual cables should be so connected that the color coding of the cables of the cable harness for the steering tube corresponds to the color coding of the cables of the main wiring harness.

(See also Job No. 54—1, Section A, Circuit Diagram of Main Wiring Harness, Cable Sheaf 28.)

11. Connect the ground cable to the negative terminal of the battery.

12. Insert the brass washer (61) in the steering wheel and install the horn ring (58); when doing this, lift the notch lever (59) a little. Then install the contact cup (63), the insulating plate (64), the compression spring (65) and the contact disk (62) and screw on the adjusting nut (66) (see Fig. 54 — 3/3).

13. Install the adjusting nut (66) so that the contact travel is neither too large nor too small.

Check the adjustment by operating the horn.

Then lock the nut with the cotter pin.

14. Check that the flash direction signals are working properly.

15. Install the rubber washer (68) and press on the trademark plate (70) (see Fig. 54 — 3/3).