

Wiring harness repair kit

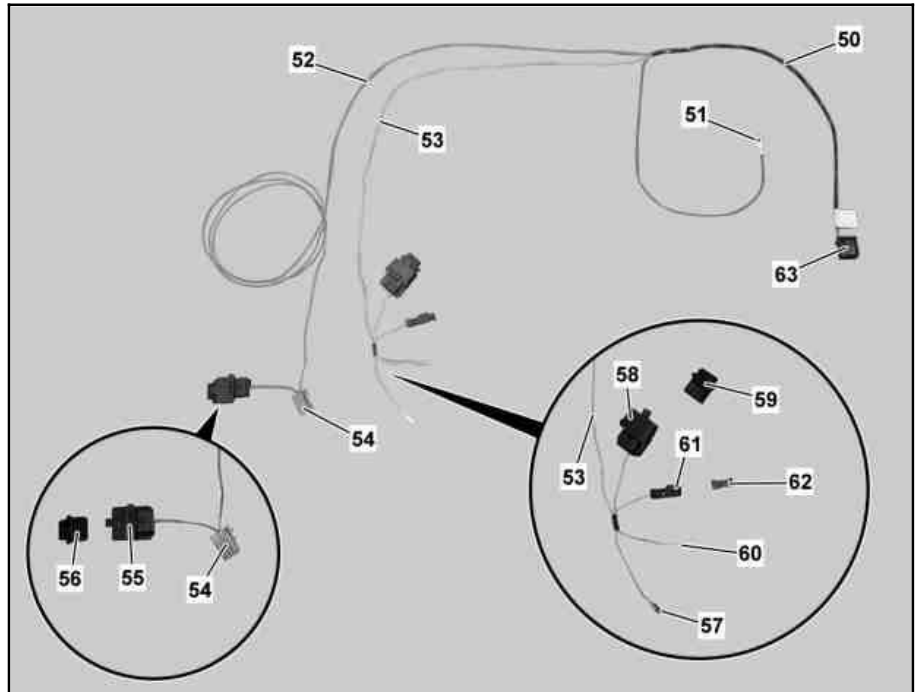
1 Disconnect coupling housing (56) from plug (55) of SDAR wiring harness (50).

i The coupling housing (56) is still required.

2 Disconnect coupling housing (62) from plug (61) of SDAR wiring harness (50).

i The coupling housing (62) is still required.

3 Disconnect coupling housing (59) from plug (58) and pin wake-up pin (57) of wake-up line branch-off (53) of SDAR wiring harness (50) into contact cavity 1 of coupling housing (59).



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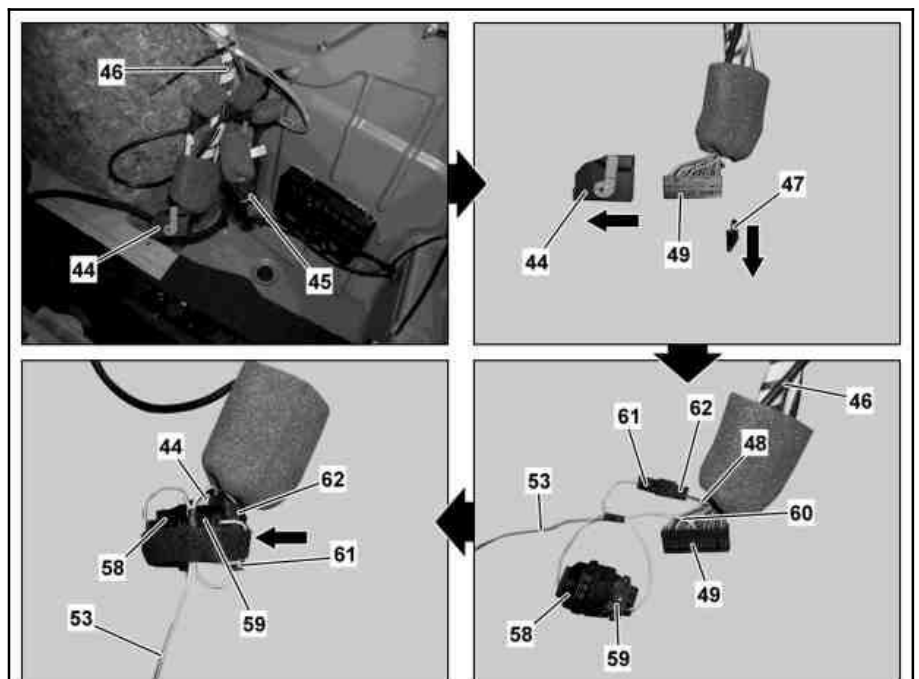
4 Connect coupling housing (59) to plug (58) of wake-up line branch-off (53) of SDAR wiring harness (50).

- 51 **Ground connection**
- 52 **Power supply line branch-off**
- 54 **Connector for power supply**
- 60 **Wake-Up Pin**
- 63 **Clutch**

5 Expose UPCI preinstallation connector (44), remove lock (47) of UPCI preinstallation connector (44) of on-board wiring harness (46) and disconnect UPCI preinstallation connector (44) from 32-pin contact carrier (49).

6 Unpin blue/black line (48) of on-board wiring harness (46) from contact cavity 24 of 32-pin contact carrier (49) and pin into contact cavity 1 of coupling housing (62).

7 Pin wake-up pin (57) of wake-up line



branch-off (53) of SDAR wiring harness into contact cavity 24 of 32-pin contact carrier (49).

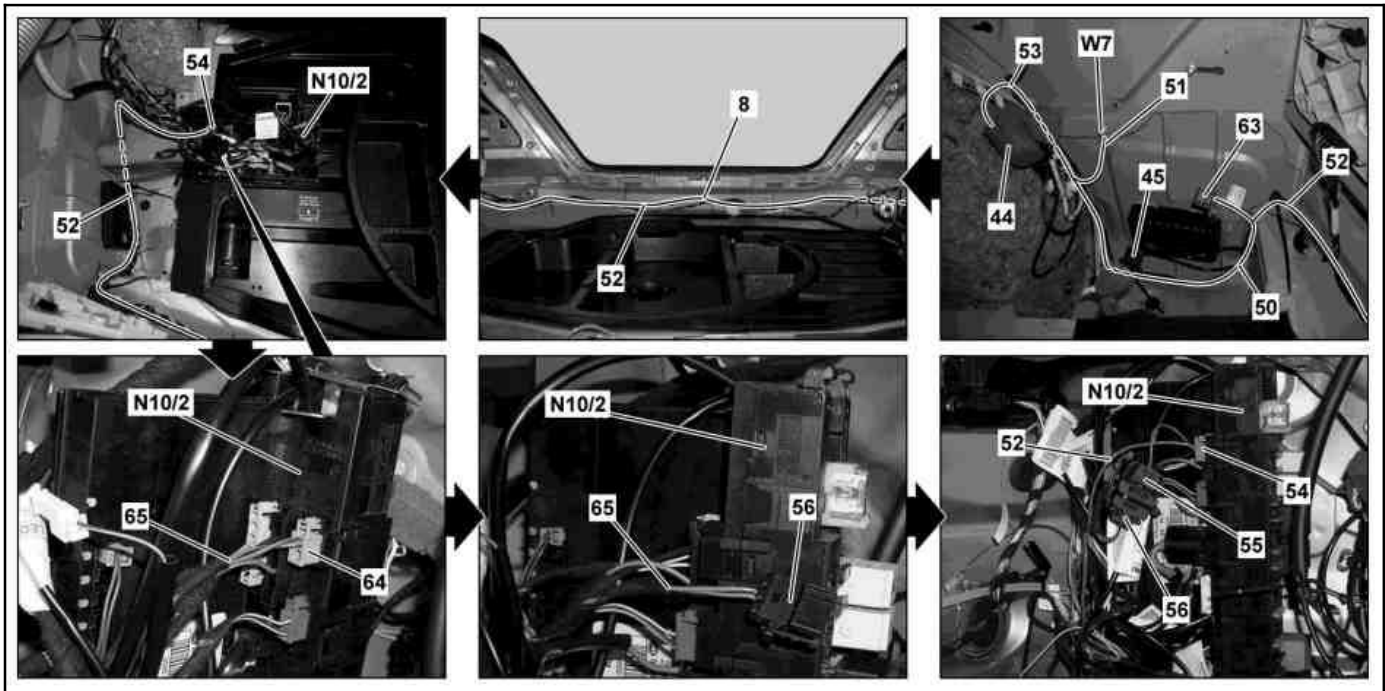
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8 Push 32-pin contact carrier (49) into UPCI preinstallation connector (44) and attach lock (47) to UPCI preinstallation connector (44) of on-board wiring harness (46).

10 Secure connector comprising coupling housing (59) and plug (58), and connector comprising coupling housing (62) and plug (61) of wake-up line branch-off (53) of SDAR wiring harness together to UPCI preinstallation connector (44) of on-board wiring harness (46) using self-adhesive felt as per picture.

9 Connect coupling housing (62) to plug (61) of wake-up line branch-off (53) of SDAR wiring harness.

45 Fiber optic cable connector



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11 Position foam material around UPCI preinstallation connector (44) and secure UPCI preinstallation connector (44) to on-board wiring harnesses as per picture.

i Steps 15 and 16 below only need to be carried out for vehicles on which slot 5 on the rear SAM control unit with fuse and relay module (N10/2) is factory-fitted with an on-board 2-pin green connector (64).

12 Route wake-up line branch-off (53) of SDAR wiring harness (50) as per picture and secure to on-board wiring harnesses.

16 Disconnect on-board 2-pin green connector (64) from slot 5 of rear SAM control unit with fuse and relay module (N10/2).

13 Route SDAR wiring harness (50) as per picture and secure to on-board wiring harnesses.

17 Unpin on-board red/black line (65) from on-board 2-pin green connector (64) and pin into contact cavity 2 of coupling housing (56).

14 Route ground connection (51) of SDAR wiring harness (50) as per picture, connect to ground (right wheelhouse in luggage compartment) (W7) and secure to on-board wiring harnesses.

i The on-board 2-pin green connector (64) is no longer required.

15 Route power supply line branch-off (52) of SDAR wiring harness (50) to rear SAM control unit with fuse and relay module (N10/2) in luggage compartment as per picture and secure to on-board wiring harnesses together with antenna extension line (8).

18 Connect coupling housing (56) to plug (55) of power supply line branch-off (52) of SDAR wiring harness (50).

19 Connect power supply connector (54) of power supply line

21 Fit 7.5 amp fuse at fuse slot 16 of rear SAM control unit with

branch-off (52) of SDAR wiring harness (50) to slot 5 of rear SAM control unit with fuse and relay module (N10/2).

20 Secure connector comprising coupling housing (56) and plug (55), and power supply line branch-off (52) of SDAR wiring harness (50) to on-board wiring harnesses as per picture.

fuse and relay module (N10/2).

i Depending on the special equipment, a 7.5 amp fuse may already be fitted at fuse slot 16 of the rear SAM control unit with fuse and relay module (N10/2).

i The connector (63) is connected to the SDAR control unit at a later stage.