

B. Subsequent Installation of Contactor for Automatic Switch-off of Fog Lights (Optional, SA 569.2 - 136)

1. Disconnect the ground cable from the negative terminal of the battery.
2. Remove the cover of the fuse box. Unscrew the two fixing screws for the fuse box and pull out the fuse box (10) forward (Fig. 82—19.2).

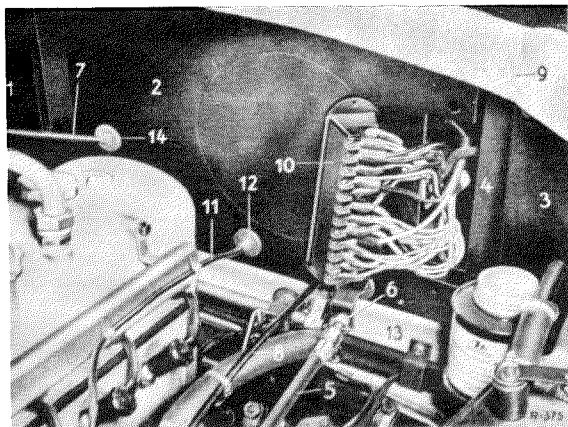


Fig. 82—19/2

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| 1 Right engine compartment panel | 7 Choke cable |
| 2 Center engine compartment panel | 8 Bowden cable for octane number compensator |
| 3 Left engine compartment panel | 9 Foam rubber sound-absorbing material |
| 4 Fuse box bracket (left-hand-drive vehicles only) | 10 Fuse box |
| 5 Flexible hose of oil pressure gage line | 11 Radiator thermometer pipe |
| 6 Lock nut | 12 Rubber grommet |
| | 13 Oil pressure gage line |
| | 14 Rubber grommet |

3. Solder spade terminals onto the cables which are necessary for connecting the contactor (see List of Parts), one on each end of the two black cables and the brown cable and on one end of the white cable.
4. Unscrew the two hexagon screws (7) for fixing the two flash signal mechanisms (8) and (9) (see Fig. 82—19.3).
5. Fix the bracket (5) for the contactor (10) with the two flash signal mechanisms (8) and (9) to the bracket (6), screwing in the two hexagon screws (7) with lock washers (Fig. 82—19.3).

6. Nip off the grey/red cable (Lead No. 52, Cable Sheaf 2 of the Main Wiring Harness), 2.5 mm² in section, coming from Fuse No. 8, as close as possible to the terminal of the fuse box.

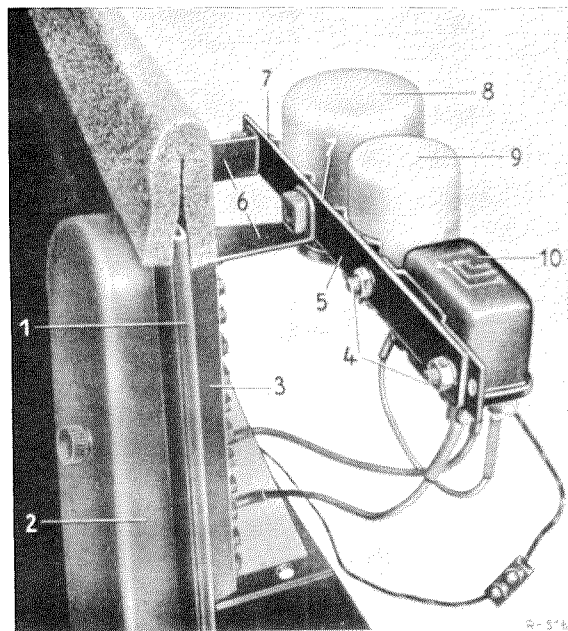


Fig. 82—19/3

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|---------------------------------------|---|
| 1 Center engine compartment panel | 7 Hexagon screws M 6×10 |
| 2 Cover of fuse box | 8 Upper beam flash signal mechanism |
| 3 Fuse box | 9 Flash direction signal mechanism |
| 4 Cheese-head screws AM 4×6 | 10 Contactor for automatic switch-off of the fog lights |
| 5 Bracket for contactor | |
| 6 Bracket for flash signal mechanisms | |

7. Use a house wiring connector to connect the nipped-off cable to the white cable, 1.5 mm² in section.

Connect the other end of the white cable to Terminal 87a of the relay (10).

8. Connect the black cable, 0.5 mm² in section, to Fuse No. 10 of the fuse box and to Terminal 86 of the contactor (10).
9. Connect the black cable, 1.5 mm² in section, to Fuse No. 8 of the fuse box and to Terminal 30 51 of the contactor (10).

10. Connect the brown cable, 0.5 mm² in section, to Terminal 85 of the contactor (10) and in the case of the Hella flash direction signal mechanism, to Terminal 31 of the flash signal mechanism (9).

If an SWF flash signal mechanism was installed, the cable must be connected to a fixing screw (4) of the contactor or taken to ground at some other suitable point.

11. Screw the contactor (10), with the two cheese-head screws (4) and with lock

washers and nuts to the bracket (5) (see Fig. 82 — 19/3).

12. Press the fuse box (10) into the engine compartment panel, screw in the two fixing screws and screw on the cover of the fuse box (see Fig. 82 — 19/2).

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

14. Check the functioning of the contactor.

List of Parts:

Number	Designation	Part No.
1	Contactor, 12 Volts, with closed-circuit contact	000 542 16 16
1	Bracket for contactor	180 544 00 38
2	Cheese-head screw	A M 4 × 6
2	Lock washer	B 4 DIN 127
2	Hexagon nut	M 4 DIN 934—5 S
1	House wiring connector, No.1, one-way	000 546 00 42
7	Spade terminal	4 × 0.8 N 261
1	Electric cable, black, 1.5 mm ² 400 mm long	DIN 72551
1	Electric cable, white, 1.5 mm ² 400 mm long	DIN 72551
1	Electric cable, black, 0.5 mm ² 400 mm long	DIN 72551
1	Electric cable, brown, 0.5 mm ² 150 mm long	DIN 72551