

Seat heater for driver's seats



Model 201

91.8

These installation instructions describe the installation of the seat heater for the left front seat. Installation for the right front seat proceeds as in a mirror image. On righthand steering vehicles the auxiliary harness is also installed as in a mirror image.

The installation instructions are subdivided into the following sections:

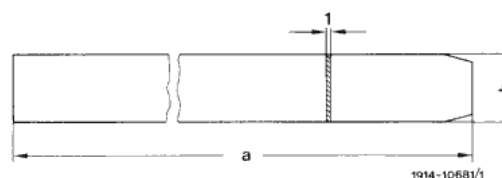
- A. Installation of heater cushion in left front seat
- B. Installation of switch and harness

A. Installation of heater cushion in left front seat

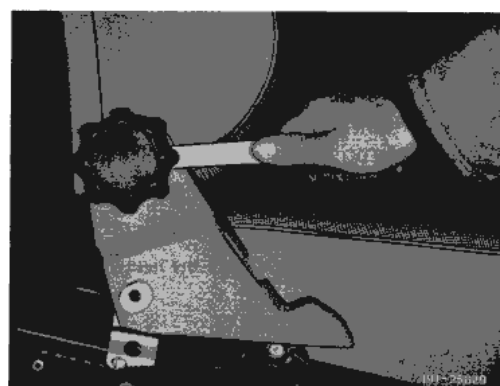
- 1 Remove left front seat (job no. 91.100). Then pull out headrest of driver's seat backrest.

Auxiliary sheet metal tool (self-made)

Dimension	Leather	Fabric	Velours
a	900	900	900
b	15	30	45



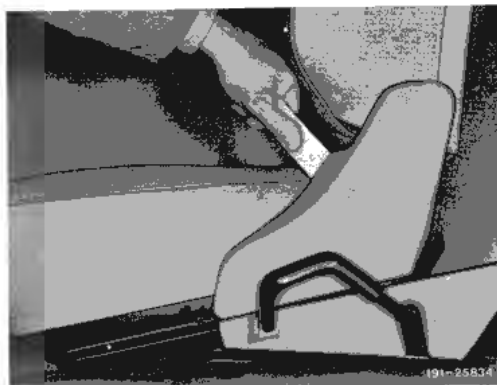
- 2 Take off hand wheel with a plastic wedge and screw off housing from hand wheel.



3 Take off cover over reclining seat fittings left and right.

4 Unscrew screws on seat cushion frame left and right.

5 Remove backrest of driver's seat.

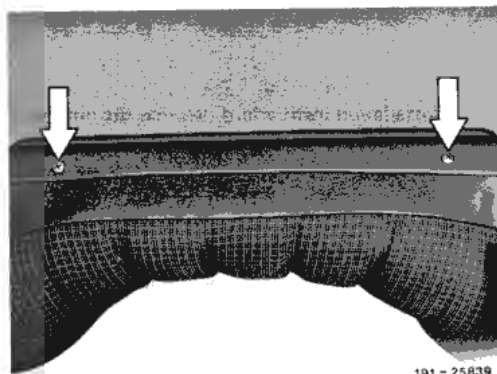


6 Unscrew screws at bottom of backrest lining and take off lining.

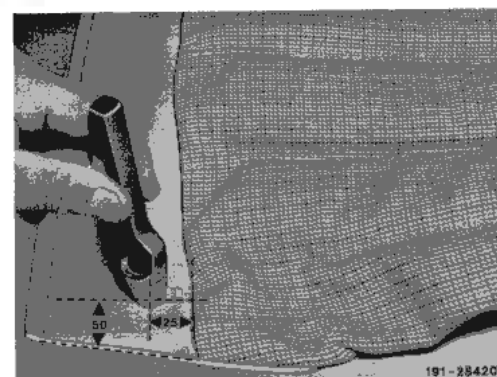
7 Loosen covering around the backrest frame and remove.

8 Remove eyelets for headrest guides.

9 Remove rubber hair base.



10 Punch a 14 mm hole in the covering of the backrest with a hollow punch.



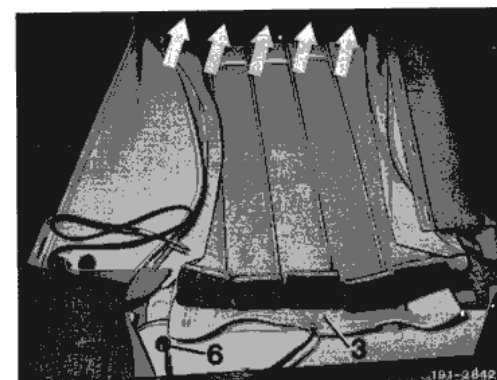
11 Mount eyelet (6) with washer in the covering of the backrest.

12 Slip heater cushion (3) between covering and padding with the help of the auxiliary tool and glue down on top on the padding (arrows).

13 Mount eyelets for headrests.

14 Pull the electrical line from the heater cushion through the eyelet.

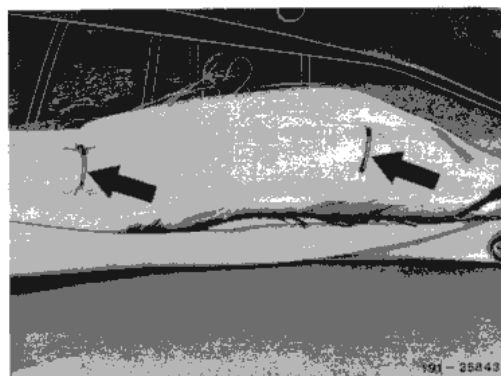
15 Mount covering on the backrest.



16 Mount backrest lining.

17 Loosen covering on seat cushion frame all-round and pull up.

18 Remove clamps on the fabric base from covering front (arrow).

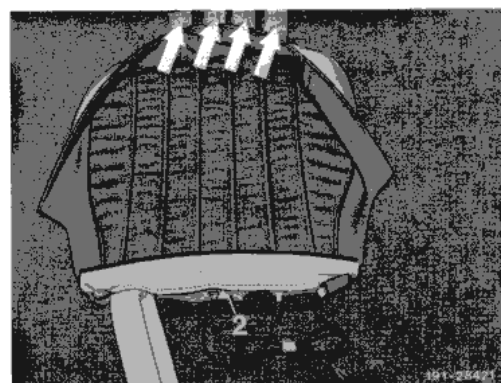


19 Slip heater cushion (2) between covering and padding with the help of the auxiliary tool and glue down in front on the padding (arrow).

20 Mount covering on the seat frame.

21 Mount backrest on the seat frame.

22 Mount covers on the reclining seat fittings and hand wheel.

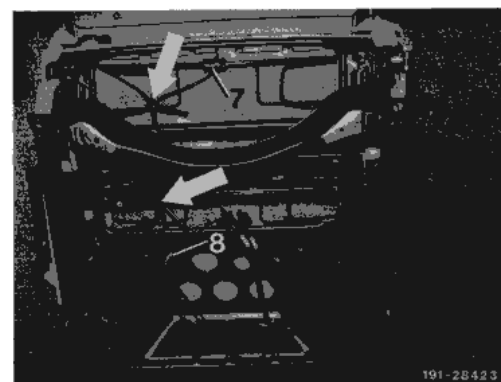


23 Mount rubber piece (7) with two clamps on the seat frame.

24 Mount grommet (8) on the seat frame and pull the line from the heater cushion through it.

25 Fasten the electrical line from the heater cushion with 2 cable straps (arrow).

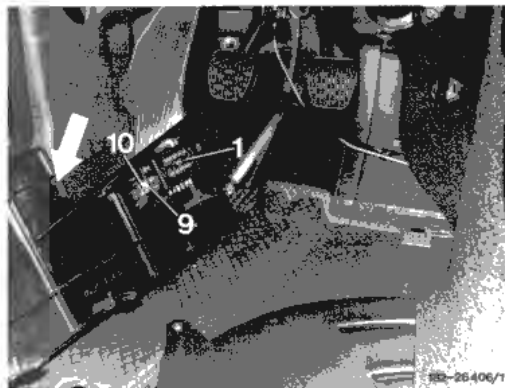
26 Mount both plug housings on the electrical lines.



B. Installing switch and harness

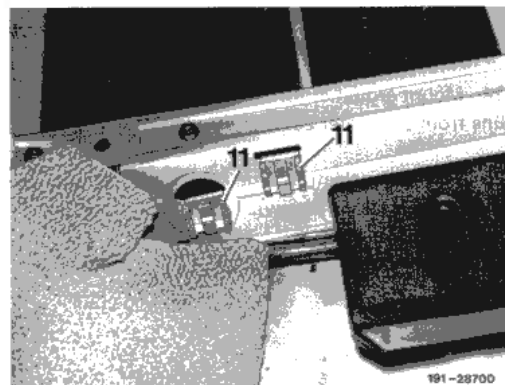
- 1 Disconnect battery.
- 2 Remove cover under instrument panel left.
- 3 Take out floor mat from the left front leg compartment.
- 4 Remove lining on the left front wall pillar.
- 5 Remove steering wheel and instrument cluster.
- 6 Remove cover for center shift lever.
- 7 Take off cover on the left side member.
- 8 Mount time-lag relay (1) on the cover.

- 9 Clip nut
10 Screw B 4.2x13



9 Install auxiliary harness from the center console to the left cross member and then along the side member to the left leg compartment; fasten with existing cable straps.

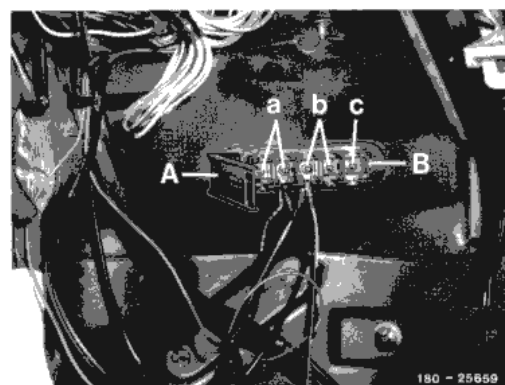
10 Install two clips (11) on cross member.



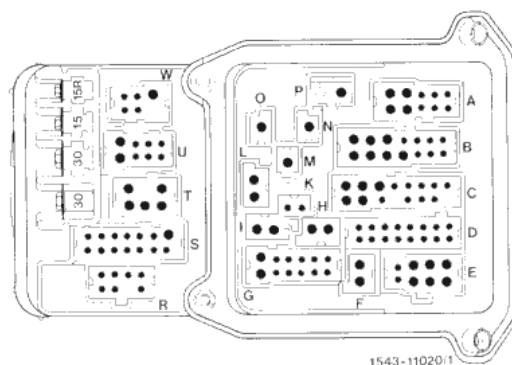
Note: On vehicles without line connector perform steps 11 to 13.

11 Screw on line connector (on the 1st version), for this cutting out dampening material and drilling two holes with a 3.5 mm dia. On the 2nd version, fasten the line connector on the existing studs with spring nuts.

- 1st version
A Line connector
B Screw B 4.2x16



12 Connect auxiliary harness on the central electric system code letter "L" and install to the line connector.

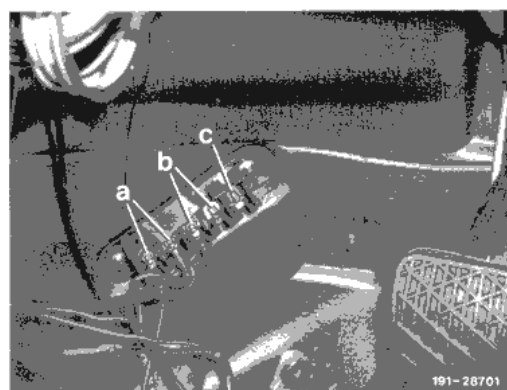


13 Connect the black line from the auxiliary harness (central electric system) on one of the terminals 15 and the red line on one of the terminals 30 of the line connector.

14 Install the black line of the auxiliary harness (seat heater) to the line connector and connect to one of the terminals 15.

2nd version

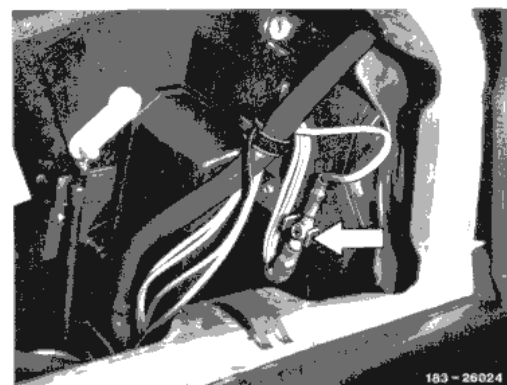
- a Terminal 15 (code black)
- b Terminal 30 (code red)



15 Connect ground line of the auxiliary harness on the ground point (arrow).



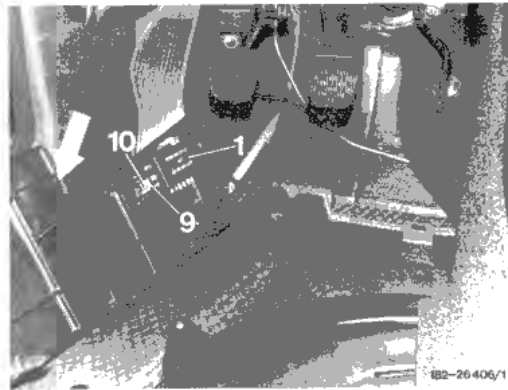
16 Install the gray/blue line of the auxiliary harness along on the main harness to the line connector terminal 58d (arrow) and connect to the line connector.



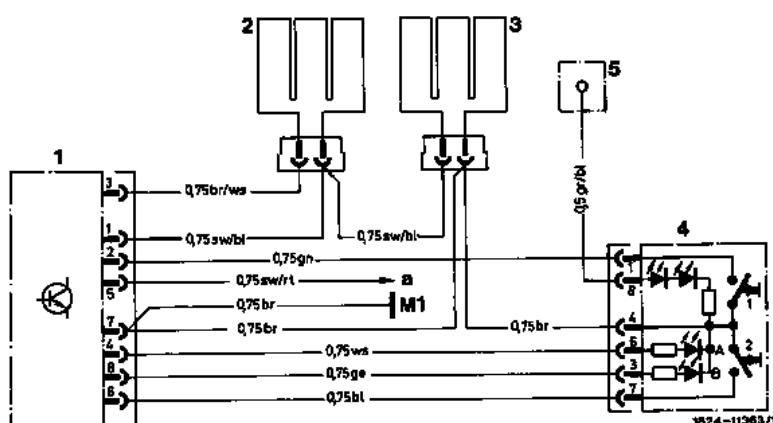
View through the instrument cluster cutout



- 17 Plug on the 8-point coupler on the time-lag relay (1) and mount cover (arrow) on the side member.



- 18 Set the switch (4) for the seat heater into the new shift lever cover; press coupler onto the switch and mount cover.
- 19 Replace fuse No. 10 with 16 ampere fuse.
- 20 Mount the instrument cluster and steering wheel with new screws.
- 21 Install lining on the left front wall pillar.
- 22 Install cover under the instrument panel left.
- 23 Install left front seat, connecting both heat cushion plugs with the auxiliary harness and setting the plug connections in the clips on the cross member.
- 24 Put in the left front foot mat.
- 25 Insert headrests in the backrest.
- 26 Connect battery and check seat heater for correct functioning.



Wiring diagram

- 1 Seat heater relay
- 2 Seat heater cushion
- 3 Backrest heater cushion
- 4 Seat heater switch (position 1 = low, position 2 = high)
- 5 Line connector terminal 58d
- a Line connector leg compartment connection A/B terminal 15, fuse No. 10
- M1 Main ground behind the instrument cluster

How-to-order note

The parts required for installation are shown in the following spare parts data:

Scope of delivery	SA 56.154
Heater cushion for fabric seats	SA 56.502/503
Heater cushion for velour seats	SA 56.507/508
Heater cushion for MB-Tex seats	SA 56.487/488
Heater cushion for leather seats	SA 56.576/577
Line connector (terminal 15)	SA 11.294 ¹⁾
Cover for shift lever (wood version)	ET microfiche group 68

¹⁾ Parts are not needed when SA 11.294 is listed in the vehicle data card.

Responsible for delivery: Plant 50 (PEW Sindelfingen)

