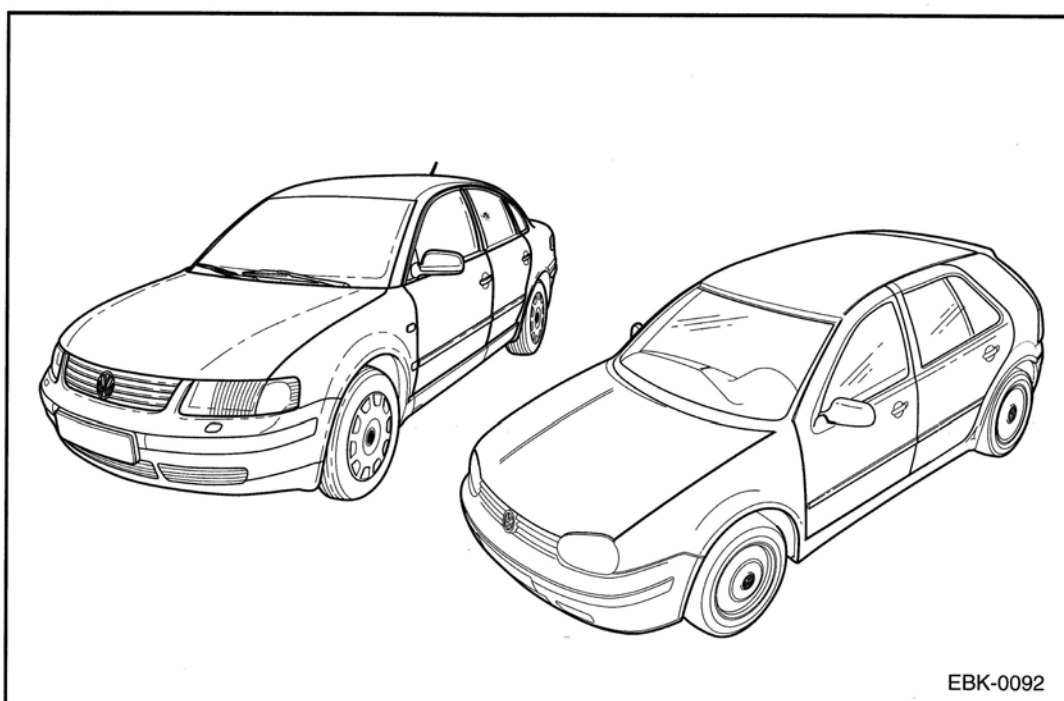


# Installation instruction sheet for retrofitting seat heating in Golf IV (1J) vehicles from 1998 or Passat GP (3B) vehicles from 1997

Spare part no. 000 998 381



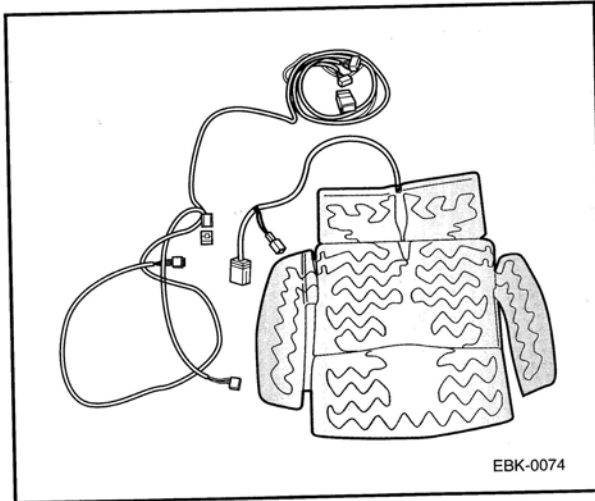
EBK-0092

**Note:**

*The installation is described here for Golf IV vehicles. There are only minor differences in the installation procedure for Passat 3B vehicles. If necessary, please refer to the Repair Manual, Body Installation Work, Interior.*

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VW-Nr. 000 012 381



#### **Contents of the service kit:**

- 1 x seat heating wiring harness
- 2 x seat heating switches
- 4 x heating elements
- 1 x plug-in fuse, 15 A
- 1 x installation instruction sheet

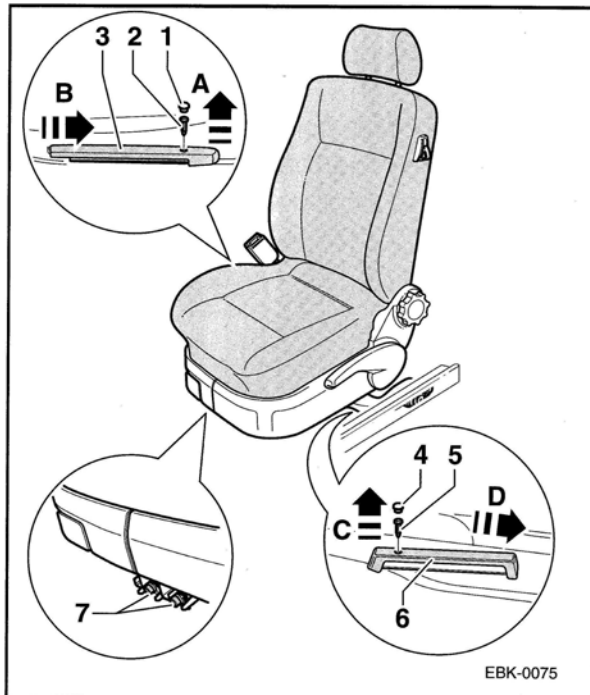
#### **Special tools, workshop equipment, test and measuring equipment and accessories required**

- Repair Manual, Electrical System.
- Repair Manual, Body Installation Work, Interior.
- VAS 1978 Wiring Harness Repair Set
- VAS 3316 Unlocking Tool
- Removal Wedge -3409-
- Release Lever 80-200
- Airbag Adapter (depending on vehicle type)
- Vehicle Diagnostics System, Measuring and Information System

#### **Perform the following work steps:**

##### **Notes:**

- *Please obtain the radio code before disconnecting the battery.*
- *Always refer to the Repair Manual, Body Installation Work, Interior when carrying out the work described below.*
- Disconnect the battery ground cable.



**Important!**

**Always refer to the safety precautions when working on components in the airbag system.**

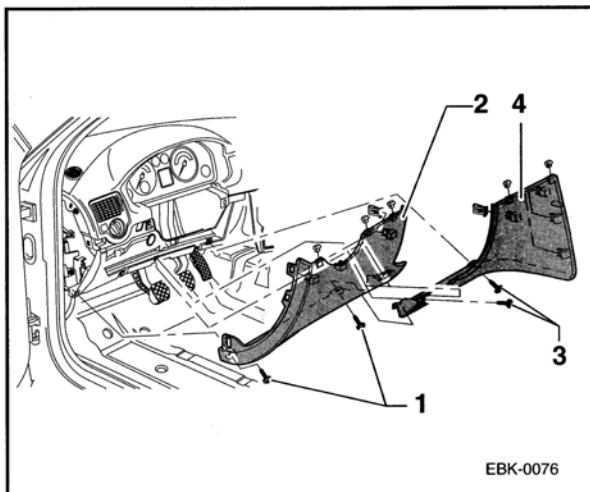
- Slide the seat forwards.
- Unclip the cap -1- from the cover strip -3- on the tunnel side, unscrew and remove the screw -2- and unclip the cover strip from the seat rail in the direction of **-arrow A-** and pull it off in the direction of **-arrow B-**.
- Unclip the cap -4- from the cover strip -6- on the sill side, unscrew and remove the screw -5- and unclip the cover strip from the seat rail in the direction of **-arrow C-** and pull it off in the direction of **-arrow D-**.
- Slide the seat back.
- Unscrew the screws -7- (23 Nm).
- Now slide the seat right back out of the guide rails and disconnect the side airbag connector from the connection point under the seat.

**Important!**

**Airbags can be accidentally deployed as a result of electrostatic discharge. Therefore the technician must always make sure that any electrostatic charge is discharged before disconnecting the ignition cable and the ground cable. To do this, briefly touch the body or the striker plate on the door.**

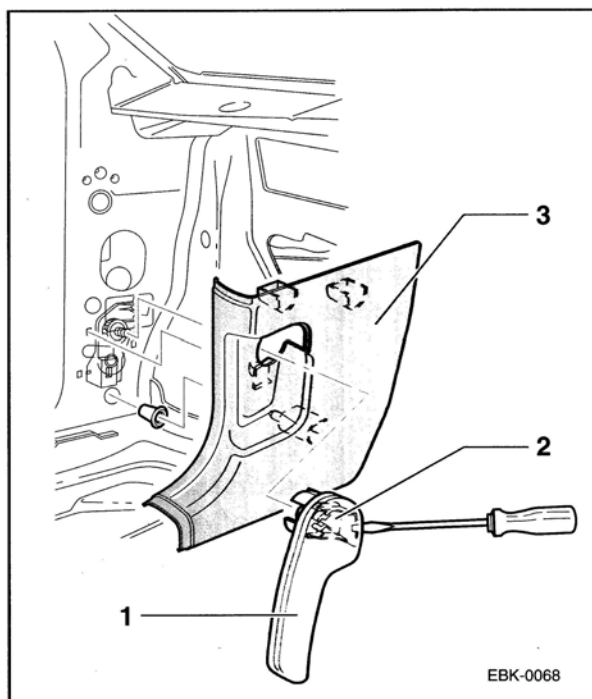
- Install the correct airbag adapter for the relevant vehicle type.
- Follow the same procedure again to remove the passenger seat.

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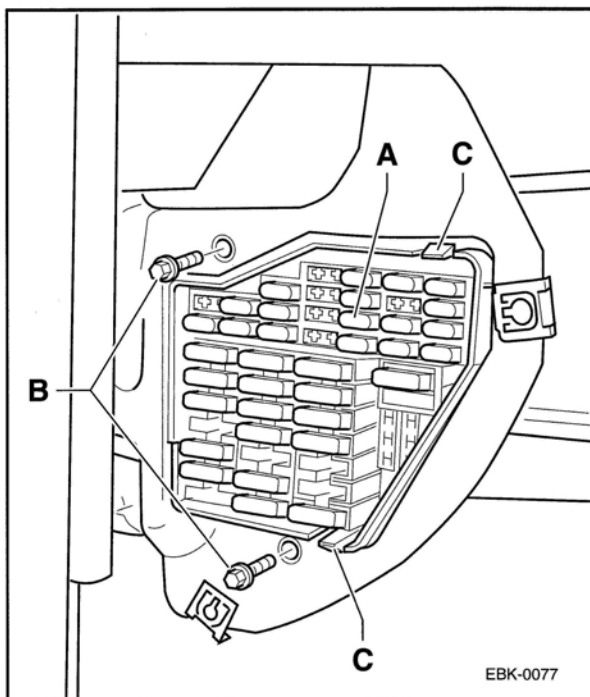
Remove the trim underneath the steering column as follows:

- Remove the two screws **-1-** and unclip the trim **-2-** at the top.
- Unscrew and remove the two screws **-3-** and unclip the trim **-4-**, working from the top downwards.

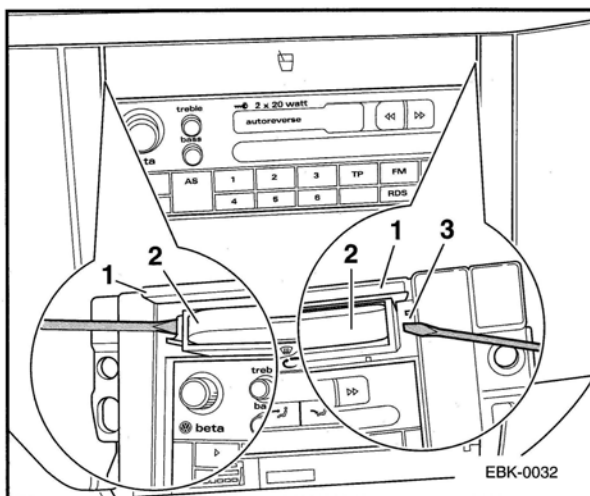


- Unclip the left-hand door tread panel and lift it out.
- Release the retaining clip **-2-** e. g. with a screwdriver and take off the handle **-1-**.
- Afterwards you can then unclip the left-hand A-pillar trim panel **-3-** towards the interior.

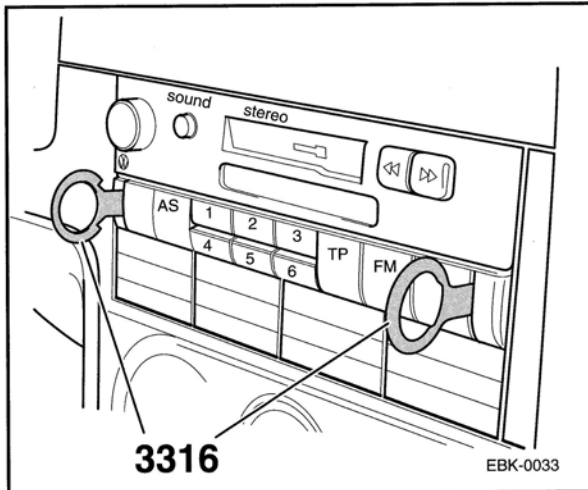
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- Carefully prise off the side cover of the dash panel using Removal Wedge -3409-.
- Unscrew the retaining screws **-B-** and lift out the fuse holder **-A-** in an inward direction after releasing the retaining lugs **-C-**.



- Remove the drink holder by folding up the cover **-1-** for the drink holder **-2-** and using e.g. a flat screwdriver to release the retaining clips **-3-**.

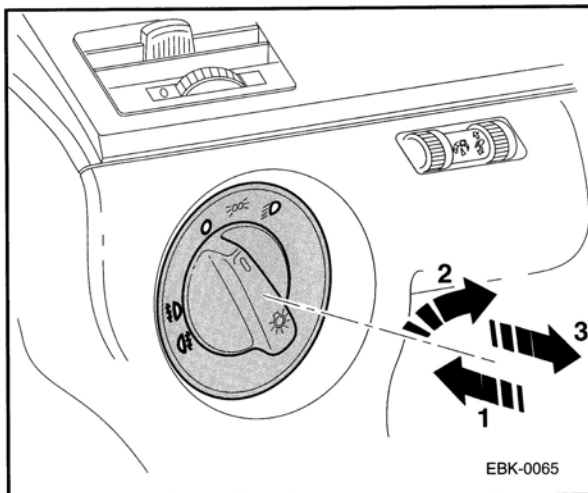


- Insert Unlocking Tool VAS 3316 to release the radio system, then disconnect the connectors and remove the radio system from the front.

**Note:**

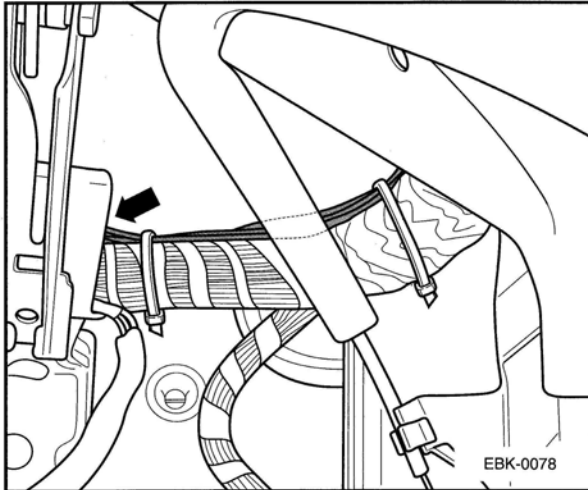
*When removing the radio, do not press the Unlocking Tool -VAS 3316- to either side, and always make sure that it is held straight.*

- To pull out the unlocking tool, press in the retaining tabs on each side of the radio system.
- Next remove the two outer blind covers from the dash panel using Removal Wedge -3409-.

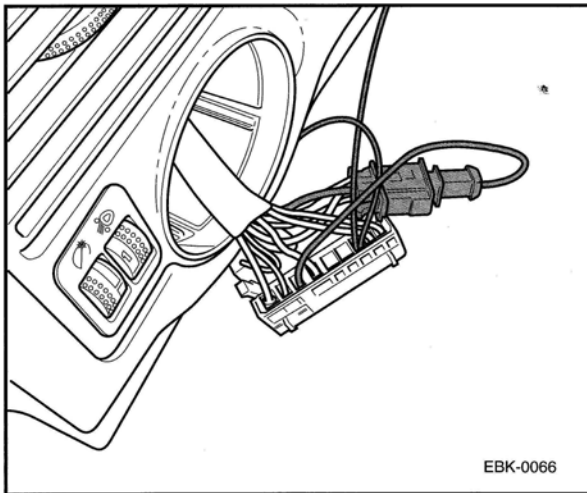


- Turn the light switch knob to "0".
- Firmly press in the light switch knob in the direction of **-arrow 1-** and turn it slightly clockwise in the direction of **-arrow 2-**.
- Hold the knob in this position and pull out the light switch by the knob from the dash panel in the direction of **-arrow 3-**.
- Release and disconnect the plug connection.
- Disassemble the lower footwell cover on the passenger side.
- Unclip the right-hand door tread panel and lift it out, then disassemble the lower A-pillar trim on the right-hand side.

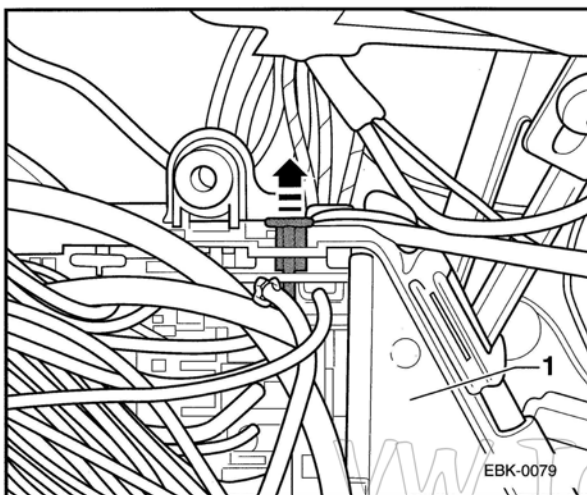
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- Route the wiring harness from the two blind covers already removed from the dash panel to the existing wiring harness behind the steering column **-arrow-** (working towards the fuse holder), then secure the wiring harness with cable ties.

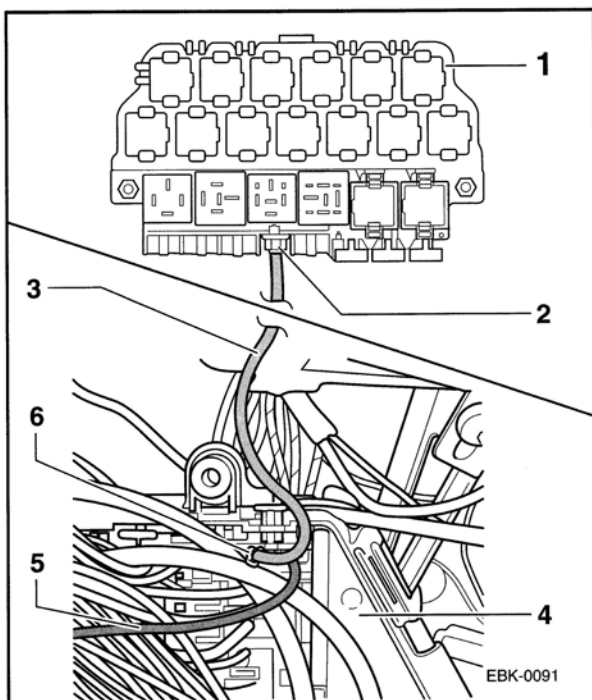


- Push the two switches for the seat heating onto the connector housing and install the switches.
- Insert the blue/grey wire from the seat heating wiring harness into receptacle **-17-** (58d) of the light switch connector housing.

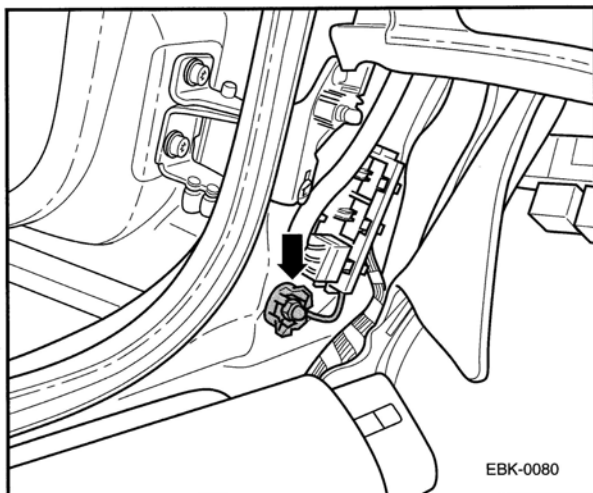


- Remove the cover on the back of the fuse holder **-1-** and release the cable retainer in the direction of the **-arrow-**.

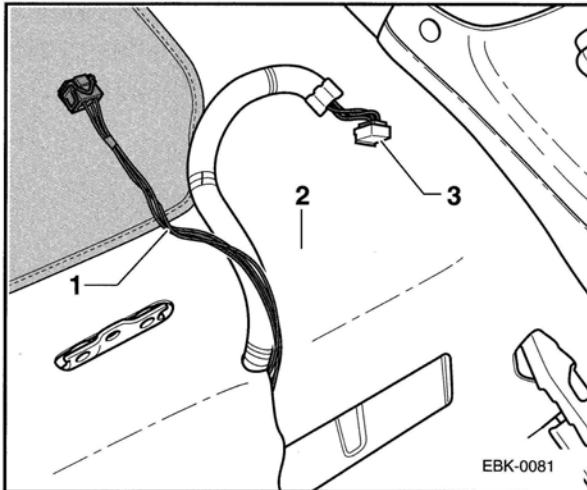
Make the following electrical connections to the contacts on the fuse holder:



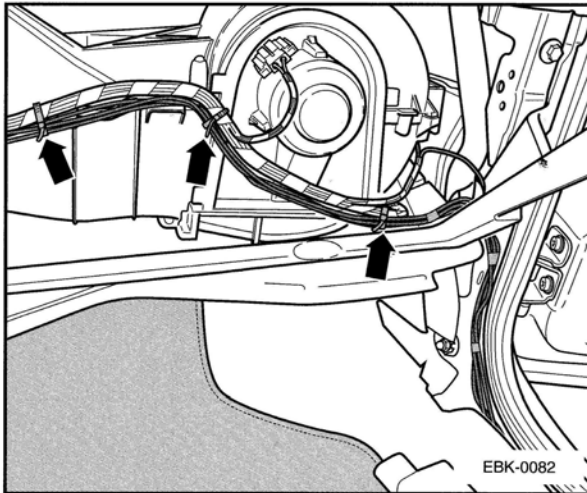
- Screw the red/white wire **-3-** onto the distribution terminal **-2-** TV2 (**30**) of the relay board **-1-**, and connect the other end onto the fuse (**44**) (indicated with the reference number **-6-** in the diagram).
- Connect the red/blue wire **-5-** to the second connection in the fuse (**44**) in the fuse holder **-4-** and install a 15-amp fuse in this fuse location.
- Push out the wire from the fuse (**5**) and insert one of the ends of the Y-cable (black/brown) in its place.
- Attach the supplied connector housing to the other end of the Y-cable (black/ brown).
- Attach the other connector housing to the wire which was just pushed out and then connect the two connector housings.



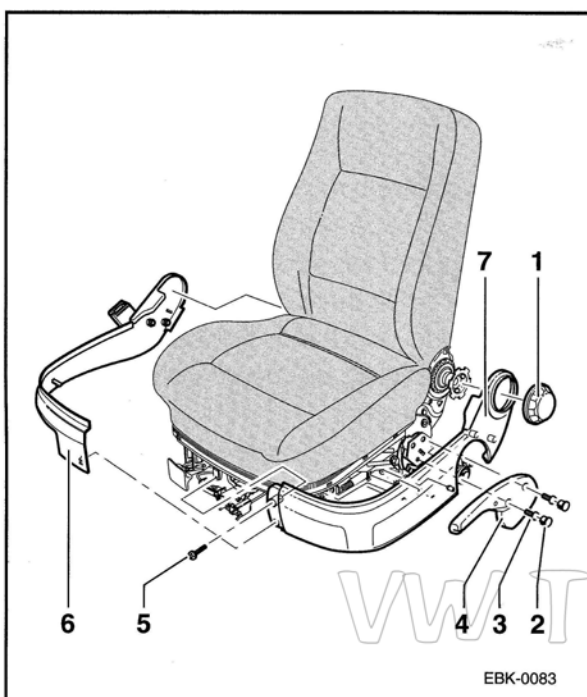
- Attach the brown ground wire from the seat heating wiring harness to the ground connection point on the A-pillar indicated with the **-arrow-** in the diagram.



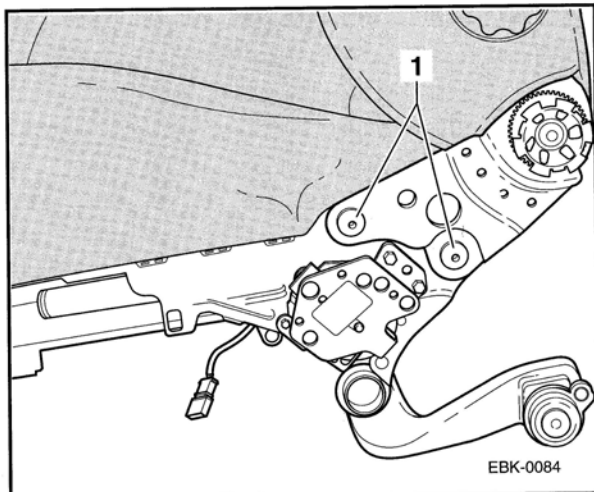
- Next, route the seat heating wire **-1-** on through the door tread panel under the floor covering **-2-** towards the plug connection **-3-** for the connection point under the seat.



- Using cable ties as required **-arrows-**, attach the right-hand seat heating wire to the existing wiring harness underneath the glove compartment (in the diagram, the glove box has been removed for greater clarity), the A-pillar and the door tread panel and route it to the plug connection of the right-hand connection point under the passenger seat.



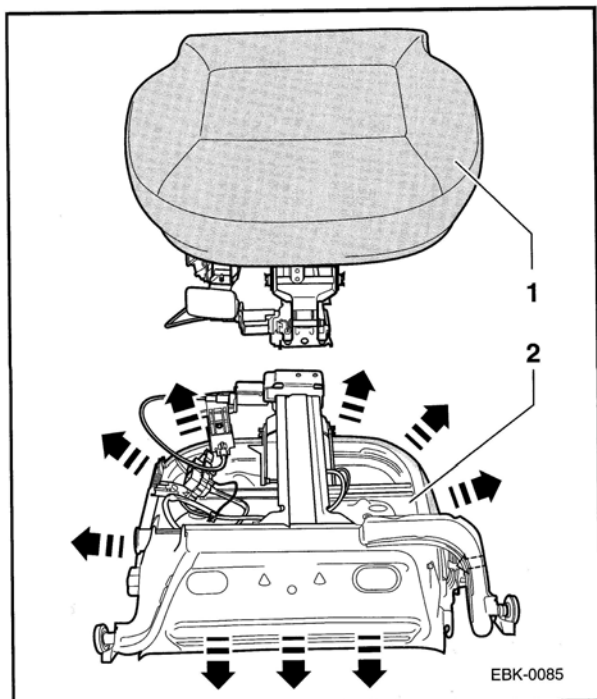
- Pull off the adjusting knob **-1-**.
- Unclip the two caps **-2-** (e. g. using a small screwdriver) and detach the adjusting lever **-4-** by removing the two screws **-3-**.
- Unclip the right-hand trim **-6-** from its brackets.
- The left-hand trim **-7-** can be unclipped once the screw **-5-** has been removed.



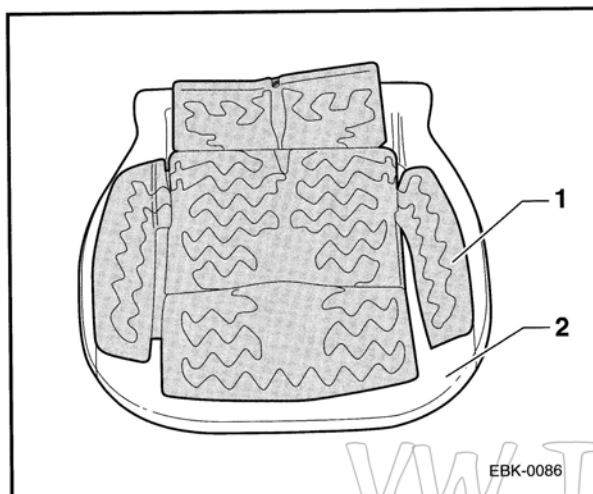
- You will need to unscrew and remove the fitting screws **-1-** on both sides of the frame in order to undo the backrests.

**Note:**

On 2-door vehicles, the backrest is secured to the seat pan with just two fitting screws **-1-** (24 Nm).



- Next, take off the cover and cushion **-1-** from the base frame **-2-**, working in the direction of the **-arrows-**.
- Separate the cover from the cushion - to do this, you will need to use Release Lever 80-200.



- Remove the protective backing from the adhesive strips on the back of the heating element **-1-** and press it centrally onto the cushion **-2-**.
- Use a knife to cut into the cushion **-2-** so that the heating element wire can be routed through it.

**Note:**

Route the **wire downwards** on the opposite side from the **side airbag** wire.

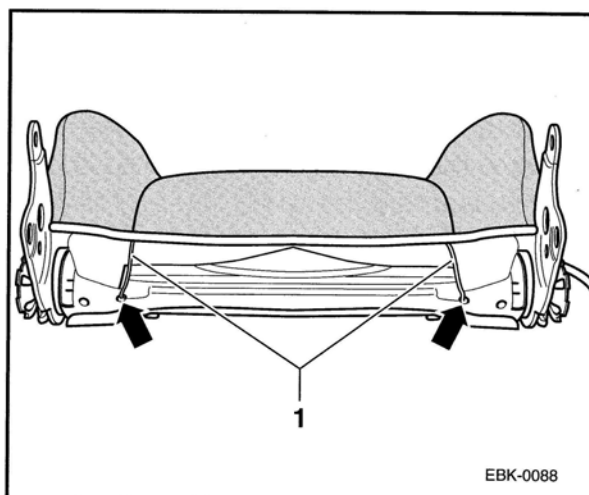
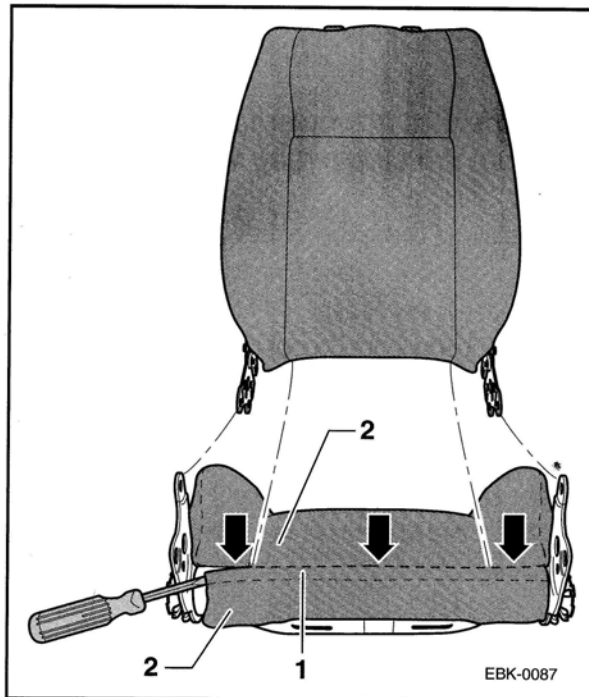
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- Remove the headrest from the backrest.

**Note:**

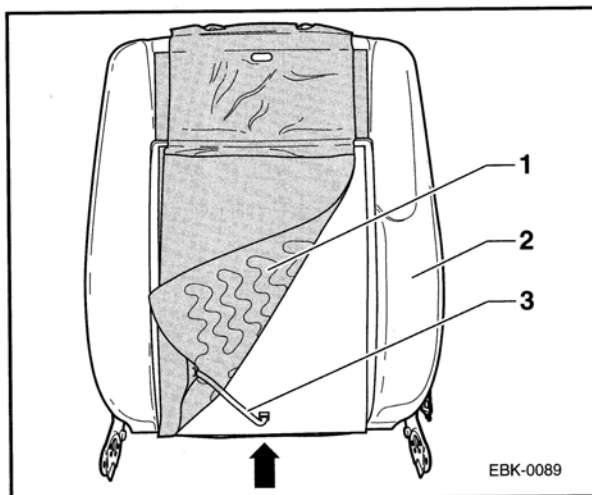
*It may also be necessary to detach the adjusting knob for the lumbar adjustment.*

- Using e.g. a screwdriver, separate the beading strip **-1-** of the cover **-2-** at the points indicated with the **-arrows-**.



- Unhook the tension wires **-1-** from the backrest frame **-arrows-**, and pull the cover upwards.

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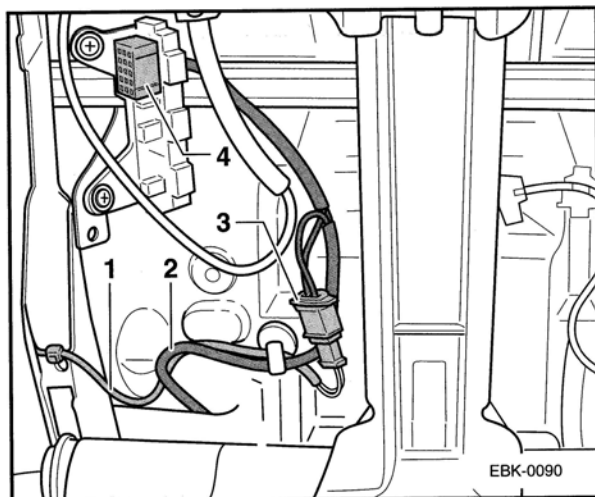


- Remove the protective backing from the adhesive strip on the heating element **-1-** and press it onto the cushion.
- Use a knife to cut into the cushion **-2-** (see **-arrow-**) so that the heating element wire **-3-** can be routed through it.

**Note:**

*Route the wire downwards on the opposite side from the side airbag wire.*

- Following the above steps in reverse order, reassemble the two covers (backrest and base frame).
- Again following the above steps in reverse order, reinstall the two frames with installed heating elements. The heating element wires **-1-** and **-2-** can be secured with a cable tie if required and should be attached underneath the seat frame.



- Take the adapter wiring harness **-3-** from the retrofit kit and connect the two heating element wires **-1-** and **-2-** under the seat, then secure it at the connection point **-4-**.
- Follow the same procedure to install the heating elements in the other seat.
- Follow the above steps in reverse order to reassemble the seats and any covers or items of trim removed in the process.

**Perform a function test as follows:**

With the ignition switched on or the engine running, the seats should heat up when the seat heating is switched on.