

Workshop Manual
Audi A3 1997 ▶

Repair Groups	68	69	70	72	74
General Body Assembly, <i>Booklet</i> Interior (Repair groups 68, 69, 70, 72, 74)					

Edition 05.99




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Printed in Germany
A00.5000.57.20

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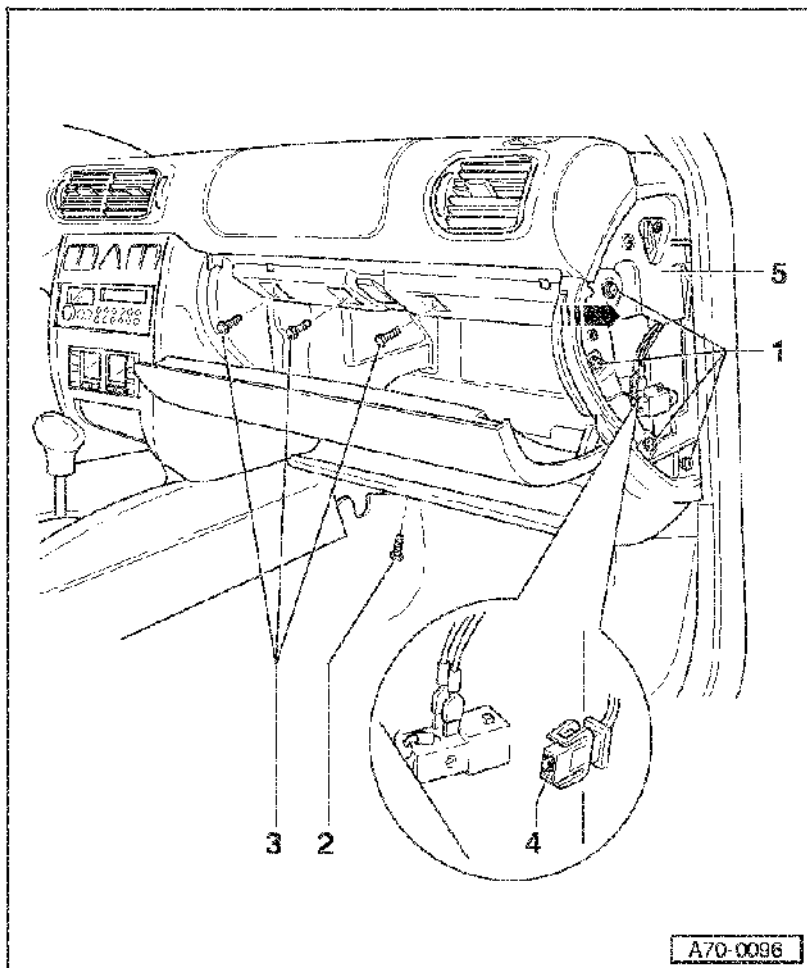
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Storage compartments/covers

Removing and installing glove compartment

- Unclip dash panel cover.
- Unplug connector -4- for glove compartment light.
- Unscrew bolts -1- (4x).
- Unscrew bolt -2-.
- Open glove compartment lid; Unscrew bolts -3- (3x).
- Move securing plate aside approx. 1 cm in direction of arrow and release catch.
- Unplug connector to passenger airbag key switch => Fig. 1
- Remove passenger airbag deactivation switch => Page 69-97

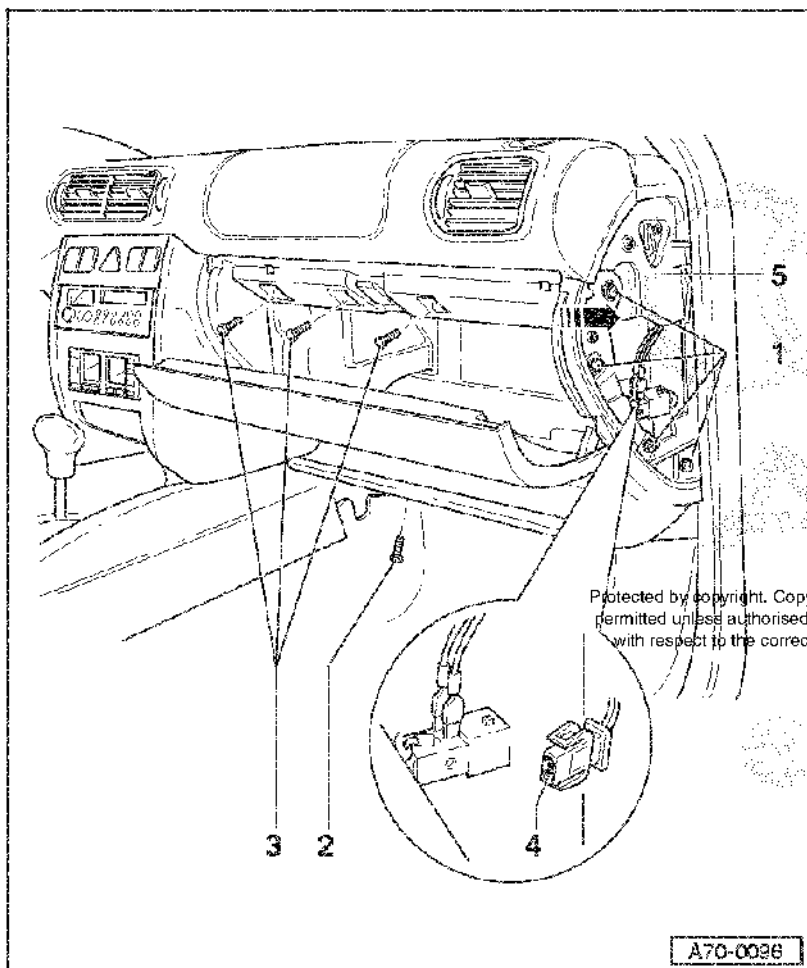


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68-1

- Remove glove compartment.

- 1 - Bolts (4x)
 - Tightening torque 4 Nm
- 2 - Bolt (1x)
 - Tightening torque 4 Nm
- 3 - Bolts (3x)
 - Tightening torque 4 Nm
- 4 - Connector
- 5 - Mounting plate



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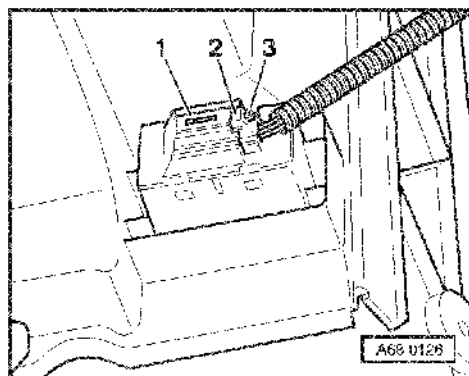
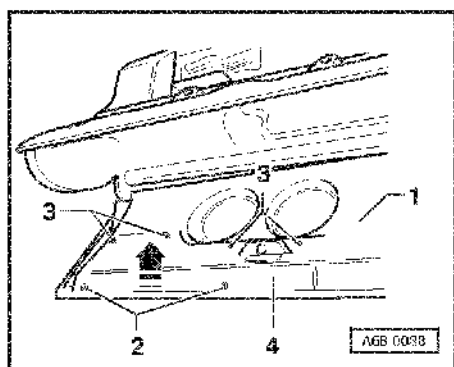


Fig.1 Detaching connector for passenger airbag key switch.

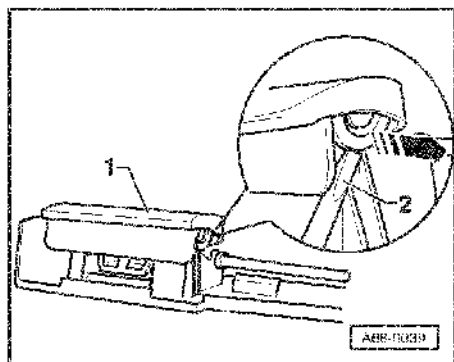
- Press release -3- and remove plug -2- from switch -1-.

68-3

Removing and installing glove compartment lock



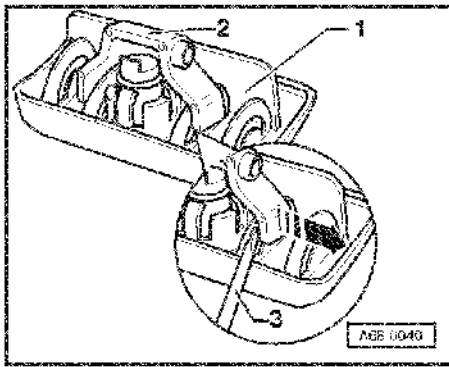
- Open glove compartment lid -1-.
- Remove screws -2- (2x).
- Unscrew bolts -3- (4x).
- Use screwdriver to carefully lever out lid -4- in direction of arrow.
- Remove lid -4-.



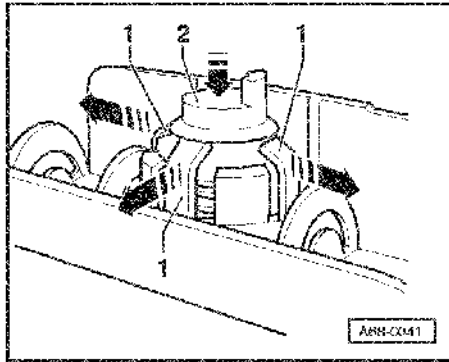
- Use screwdriver -2- to lever out glove compartment actuation -1- on left and right side in direction of arrow.
- Remove glove compartment actuation -1-.

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68-4



- ◀ – Use screwdriver -3- to lever out bracket -2- from glove compartment actuation -1- on left and right side in direction of arrow.

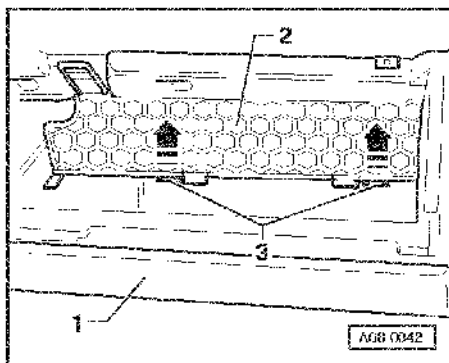


Note:

Lock cylinder can only be removed with key inserted.

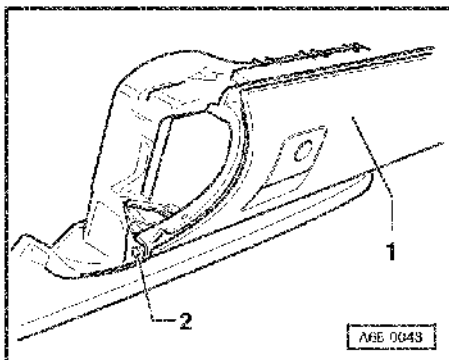
- ◀ – Carefully lever out the retaining tabs -1- (4x) in direction of arrow and at the same time press locking cylinder -2- in direction of arrow.
- ◆ Installing:
 - With key entered, press in lock cylinder until all retaining tabs engage.

Removing and installing intermediate lid of glove compartment



- ◀ – Open glove compartment lid -1-.
- Fold open intermediate lid of glove compartment -2-.
- Pull out intermediate lid of glove compartment -2- from hinges in direction of arrow -3-.

Removing and installing glove compartment lid



◆ Removing:

- ◀ – Removing glove compartment lid -1- => Page 68-1

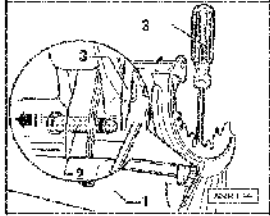
Notes:

The pins -2- may be bonded in if loose.

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There may be a spacer installed at pin -2- between glove compartment lid and glove compartment.

- Pull out pin -2- with pliers.



– Open glove compartment lid -1-.

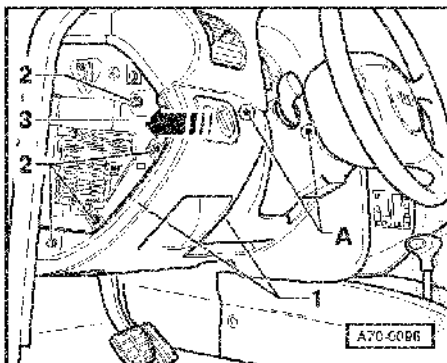
- Press pin -2- from the outside with a screwdriver -3- from the outside to the inside in the direction of the arrow (there are grooves in bolt -2- for easier pressing).
- Remove glove compartment lid -1- from glove compartment.
- Removing and installing glove compartment lock => Page 68-4

◆ Installing:

- Bond-in loose pins with AMV 195 KD1 01.

Removing driver's storage compartment

– Unclip dash panel cover.

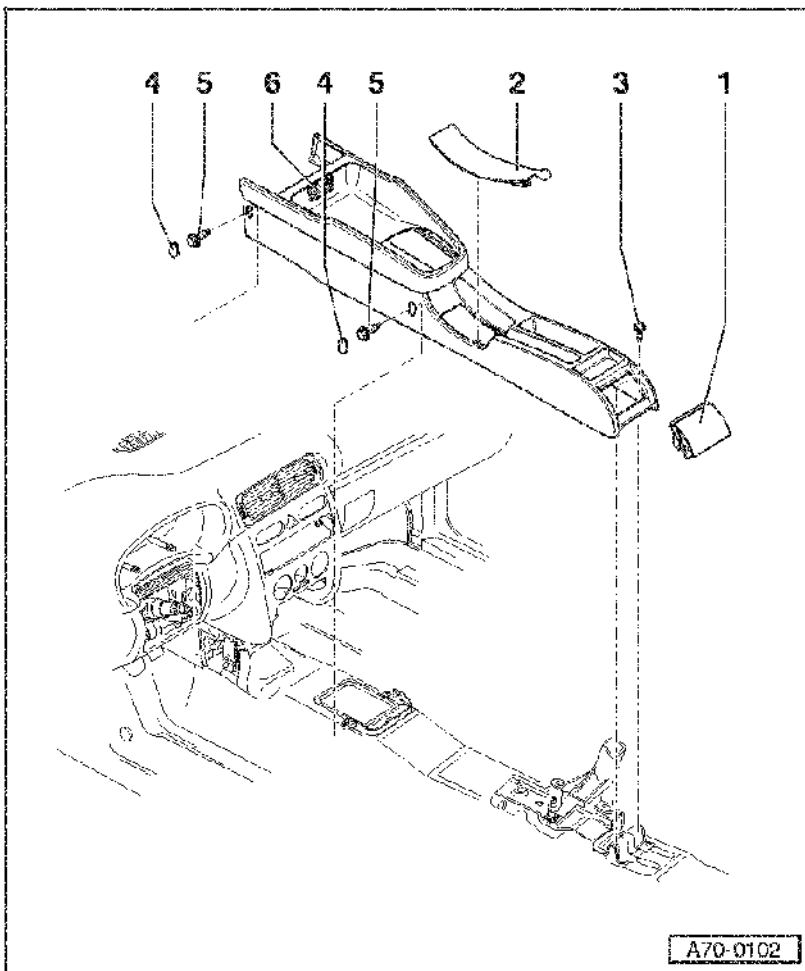


- Unscrew bolts -2- (4x). Tightening torque 4 Nm.
- Unscrew bolts -1- (3x). Tightening torque 4 Nm.
- Move securing plate -3- aside approx. 1 cm in direction of arrow and release catch.
- Unclip storage compartment -A- (2x).
- Unplug connector for light switch and headlight range control.
- When installing, slide bottom of compartment into the two guides.

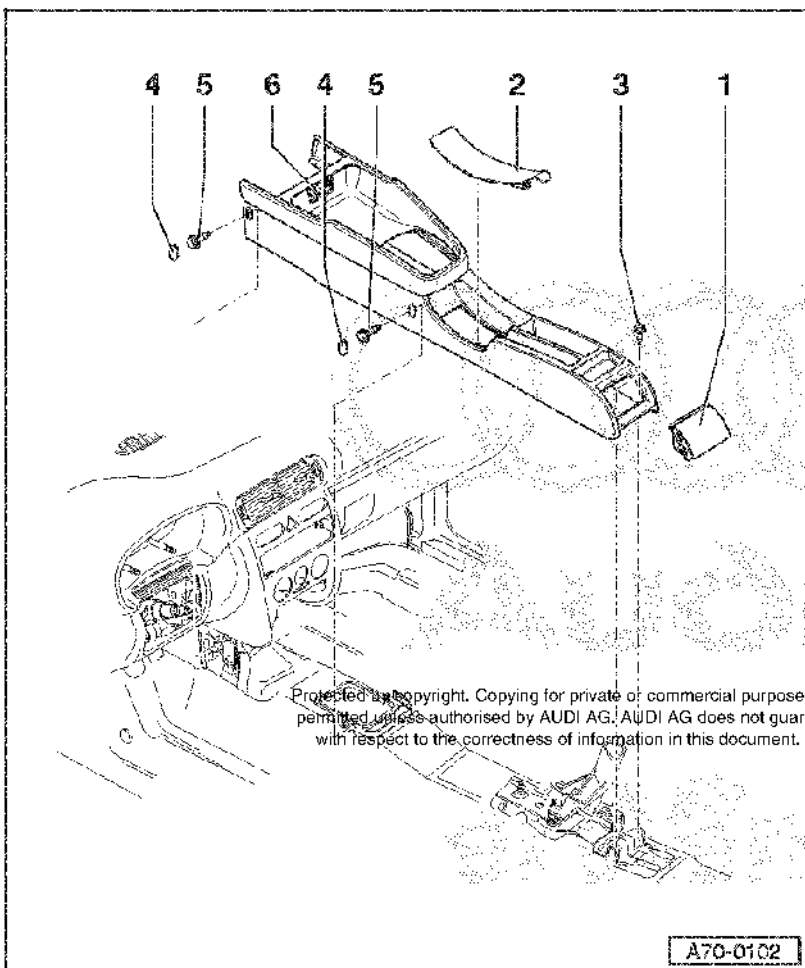
Removing and installing lower section of centre console

◆ Removing

- Open cover for ashtray -1- and pull ashtray up and out.
- Remove bolts -3- (2x).
- Remove cover in front of handbrake.
- Lever out cover -4- (4x).
- Unscrew bolts -5- (4x).
- If necessary, remove centre armrest => Page 68-13
- Manual gearbox: Press bottom of gaiter forward and fold upwards.



68-9



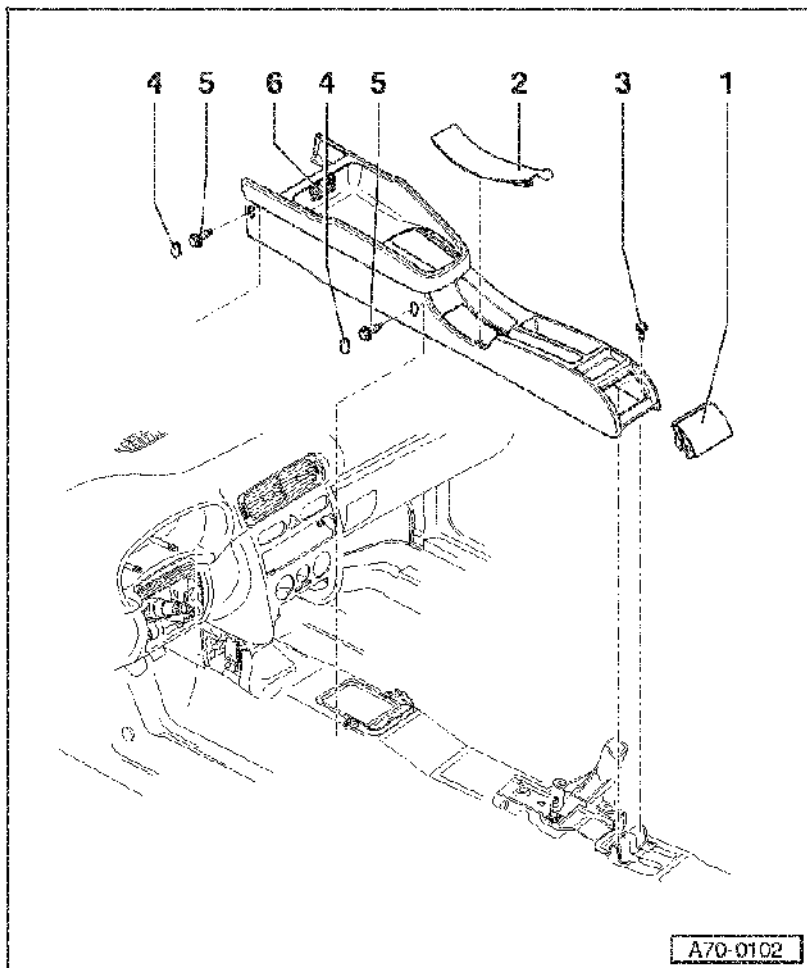
- Cut through hose clip with side cutting pliers and pull gaiter up and off together with gear lever knob.
- Use new hose clip when installing.
- Move gear lever to rear position.
- Automatic gearbox: Move selector lever to rear position.
- Unclip diagnostic connector => Fig. 2
- Pull handbrake lever up as far as possible.
- Lift rear of console and pull upwards to remove.

1 – Rear ashtray

2 – Cover in front of handbrake

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68-10



- 3 – Bolts (2x)**
 - Tightening torque 4 Nm
- 4 – Cover (4x)**
- 5 – Bolts (4x)**
 - Tightening torque bolts -5- front 1.5 Nm.
 - Tightening torque bolts -5- rear 4 Nm.
- 6 – Diagnostic connector**

68-11

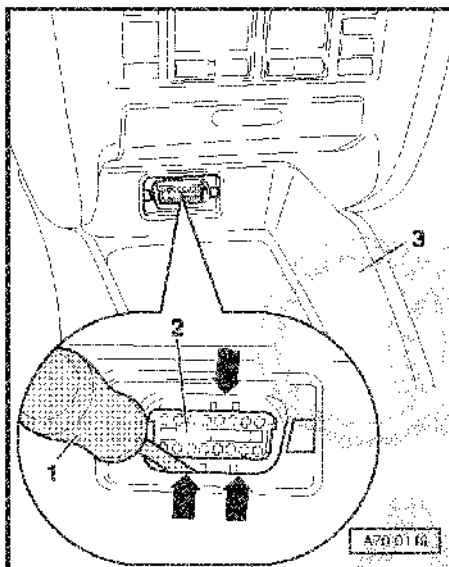
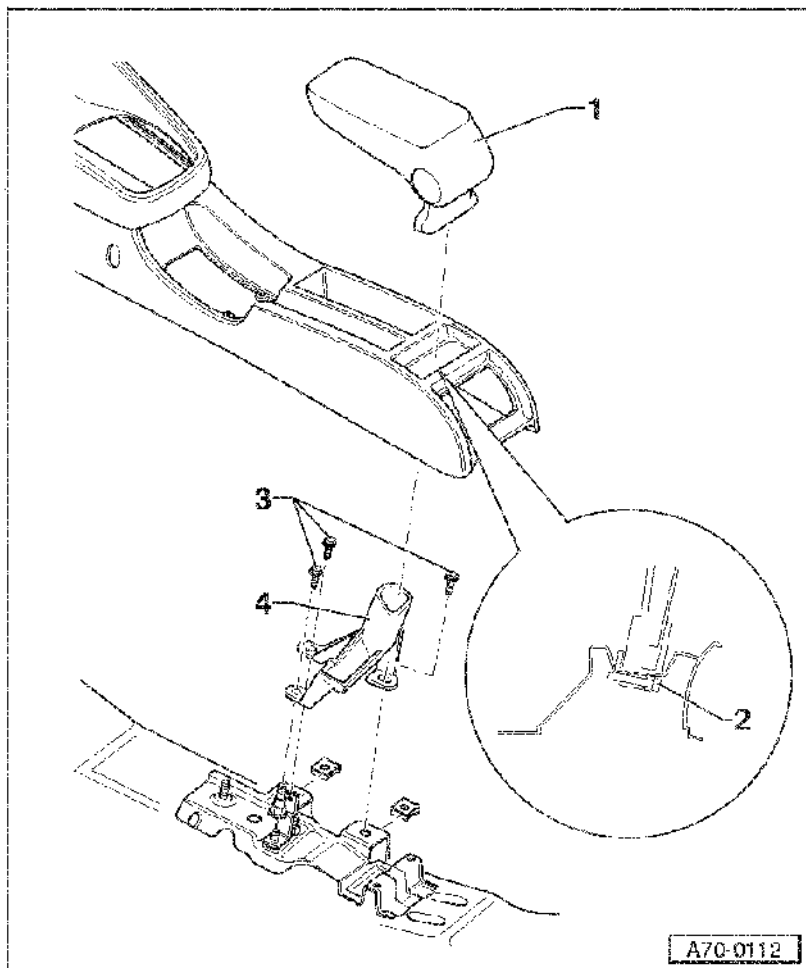


Fig.2 Removing diagnostic connector

- Unclip diagnostic connector cover.
- Use screwdriver -1- to lever out clips (arrows) at diagnostic connector -2- (3x).
- When installing, diagnostic connector -2- must clip in audibly.

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68-12



Removing and installing centre armrest

1 – Centre armrest

- ◆ Removing centre armrest:
 - Remove rear ashtray.
 - Cut-out for centre console => Page 68-14
 - Unscrew bolt -2-.
 - Lift out centre armrest.

2 – Bolt

- Tightening torque 4 Nm

3 – Bolts (3x)

- Tightening torque 18 Nm

4 – Support

- ◆ Removing centre armrest support
 - Remove centre armrest
 - Remove lower section of centre console => Page 68-9
 - Unscrew bolts -3- (3x).
 - Remove support.

68-13

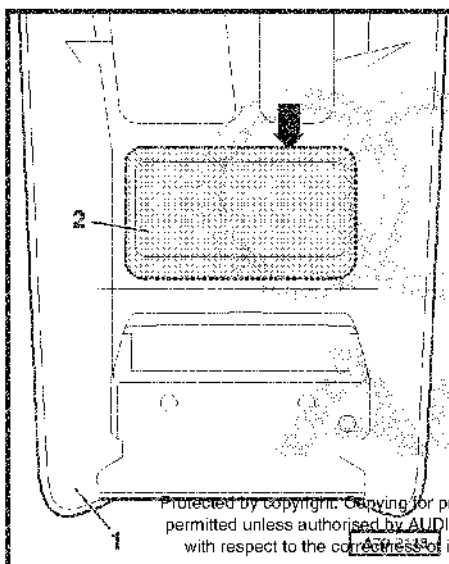
Cut-out for centre armrest

- Remove lower section of centre console => Page 68-9

Note:

Shown from below for greater clarity.

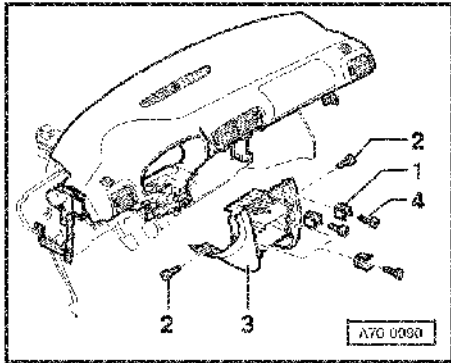
- Cut out compartment -2- in lower section of centre console -1-, at broken line (arrow) shown in illustration.
- Installing centre console => Page 68-13



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68-14

Removing and installing upper section of centre console



- ◀ – Remove front ashtray => Fig. 3
- Remove trim for centre section of dash panel => Fig. 4
- Remove glove compartment => Page 68-1
- Remove driver's storage compartment => Page 68-8
- Unscrew bolts -4- (4x) with spring clips -1- (4x). Tightening torque 4 Nm.
- Remove bolts -2- (2x). Tightening torque 4 Nm.
- Move centre console -3- slightly forward and detach wiring.
- Connector arrangement => Fig. 5

Note:

When installing spring clips -1- must be fitted vertically at top and horizontally at bottom.

68-15

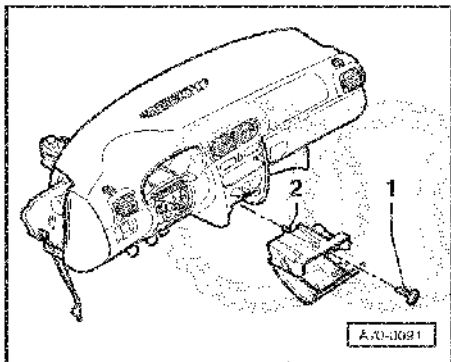


Fig.3 Removing and installing front ashtray

- ◀ – Unscrew bolt -1-. Tightening torque 1.2 Nm.
- Unplug connectors (2x).
- When installing, enter rubber holder -2- in centre section of dash panel.

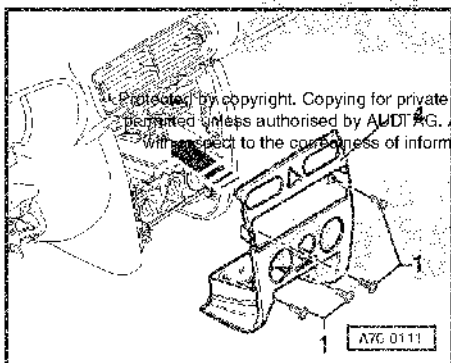


Fig.4 Removing and installing trim for centre section of dash panel

– Removing front ashtray => Fig. 3

– Remove radio

=> Radio, Telephone and Navigation System; Repair group 91 =>

- Unscrew bolts -1- (4x). Tightening torque 1.2 Nm.
- Unclip trim -4-.

68-16

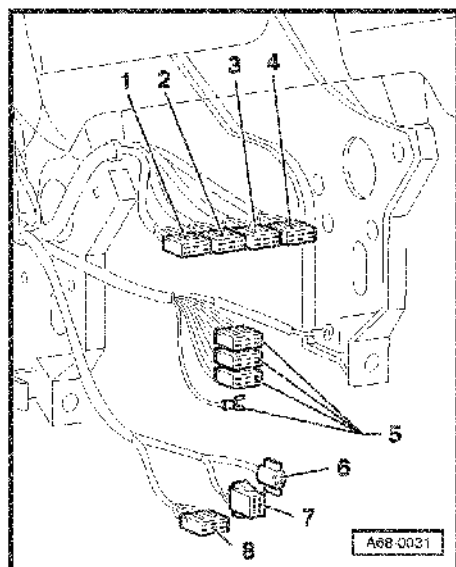
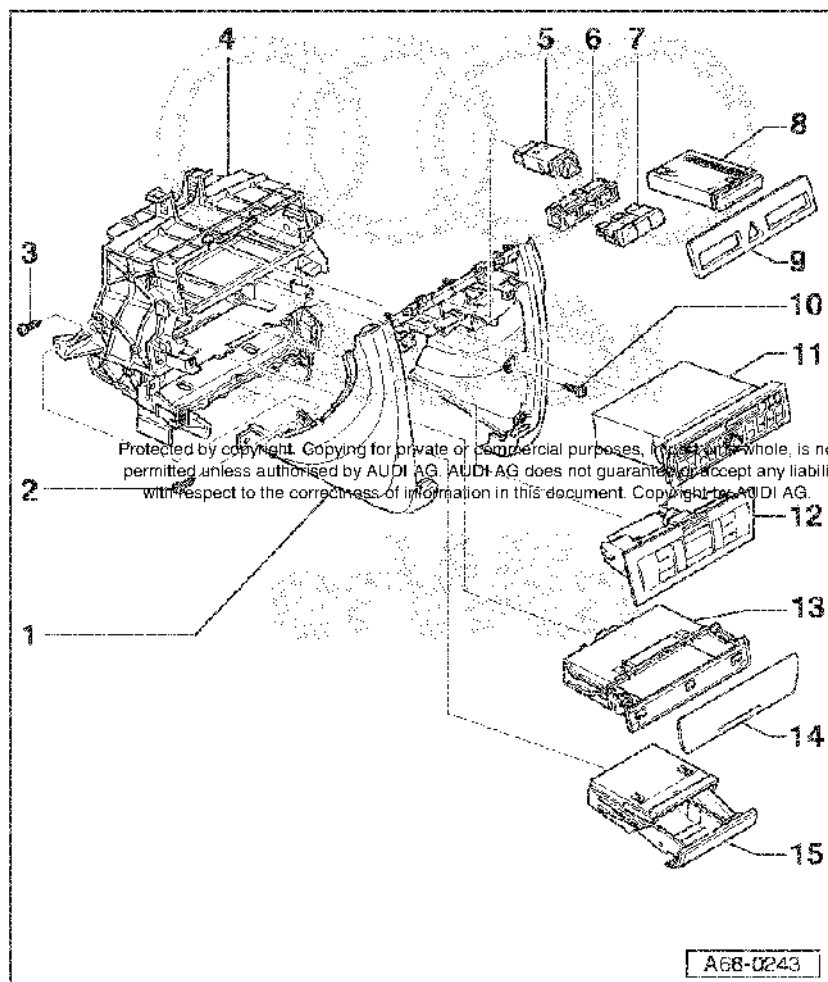


Fig.5 Arrangement of connectors in centre console area

- ◆ Connector -1- driver's seat heating.
- ◆ Connector -2- rear window heating.
- ◆ Connector -3- hazard warning.
- ◆ Connector -4- passenger's seat heating.
- ◆ Connector -5- radio.
- ◆ Connector -6- cigarette lighter.
- ◆ Connector -7- ashtray light.
- ◆ Diagnostic connector -8-.



**Dash panel centre section
2001 > – exploded view**

Note:

Fig. shows version with radio and air conditioner.

1 – Trim for dash panel centre section

2 – 1.5 Nm

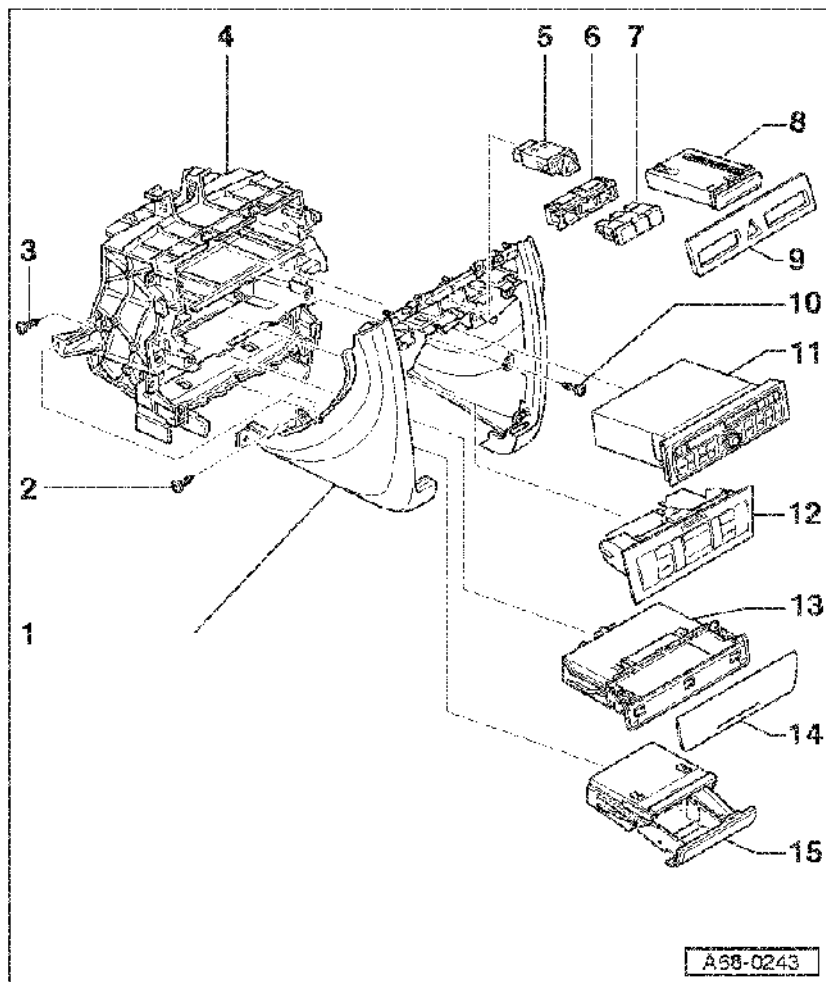
3 – 3.5 Nm

4 – Centre section of dash panel

5 – Hazard warning light switch

◆ Removing and installing:
=> Electrical System; Repair group
96 =>

6 – Switch mounting



7 – Switch or blank cover

8 – Cup holder

◆ Removing and installing => Page 68-30

9 – Switch panel trim

◆ Removing and installing => Page 68-24

10 – 1.5 Nm

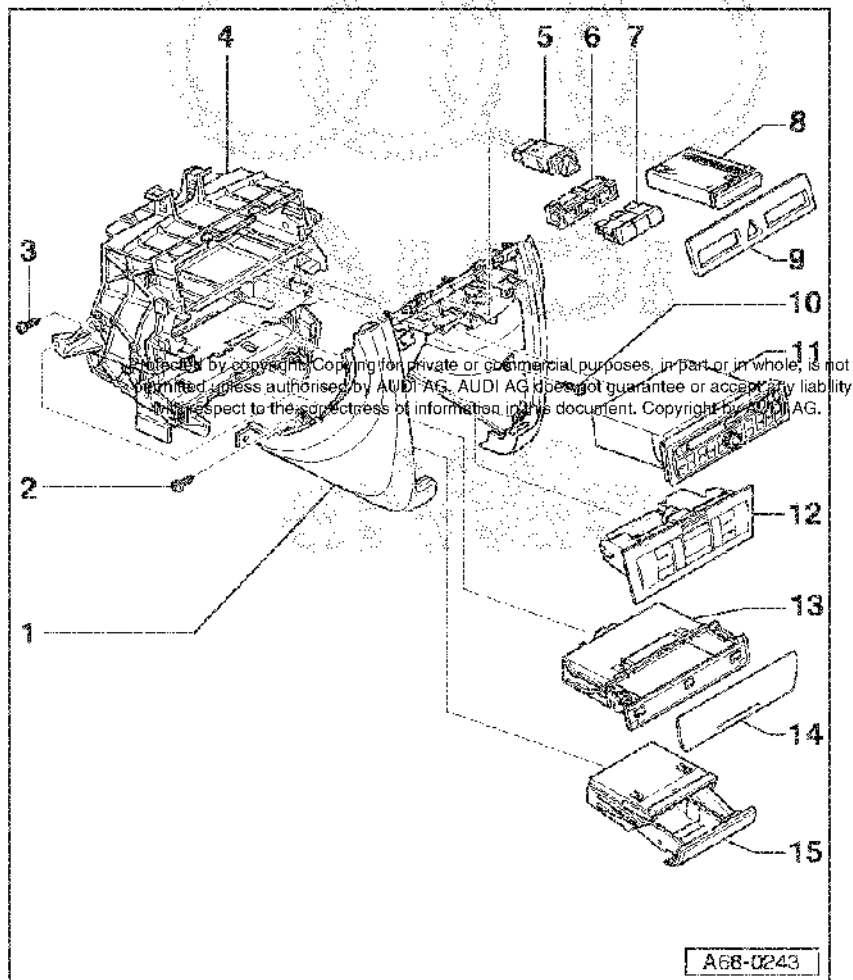
11 – Radio unit

◆ Removing and installing:
=> Radio, Telephone and Navigation System; Repair group 91 =>

12 – Operating and display unit -E87

◆ For air conditioner
◆ Removing and installing:
=> Heating, Air Conditioning; Repair group 87 =>

68-19



13 – Storage compartment

◆ Removing and installing => Page 68-25

14 – Panel

◆ For storage compartment

15 – Ashtray

◆ Removing and installing => Page 68-27

68-20

Removing and installing centre section of dash panel

- Refer to coding on vehicles with encoded radio/radio navigation system (RNS); if necessary, interrogate.
- Disconnect earthing strap at battery with ignition switched off.
- Remove driver's stowage compartment => Page 68-8
- Remove glove compartment => Page 68-1

Vehicles with storage compartment:

- Remove storage compartment in dash panel centre section => Page 68-25

Vehicles with radio:

- Remove radio.
- => Radio, Telephone and Navigation System; Repair group 91 =>

Vehicles with screen navigation system:

- Removing electronic navigation system control unit -J402:
- => Radio, Telephone and Navigation System; Repair group 91 =>

68-21

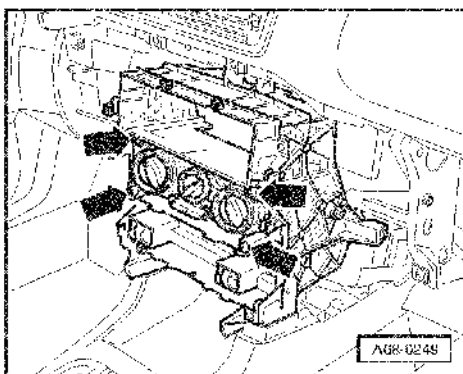
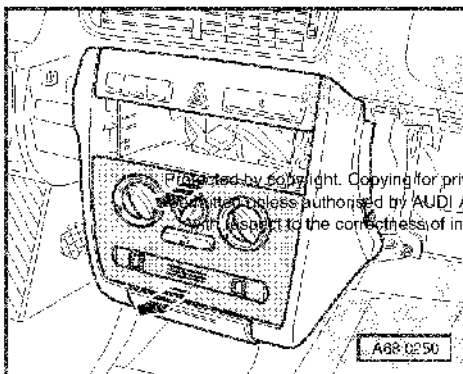
Vehicles with air conditioner:

- Remove operating and display unit -E87.

=> Heating, Air Conditioning; Repair group 87 =>

Vehicles without air conditioner:

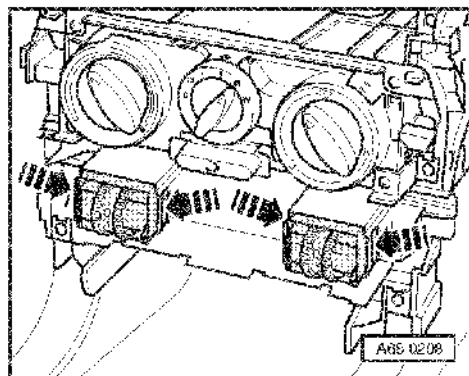
- Unclip the heater controls trim.



- Unscrew bolts -arrows- for heater controls.

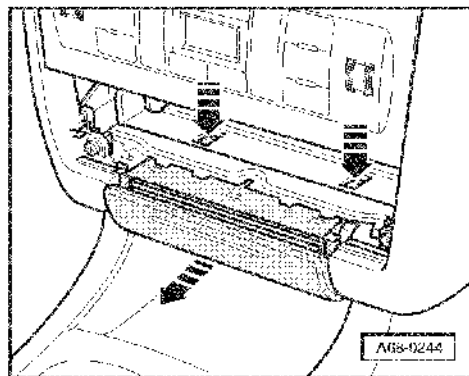
68-22

Vehicles without air conditioner with seat heating:



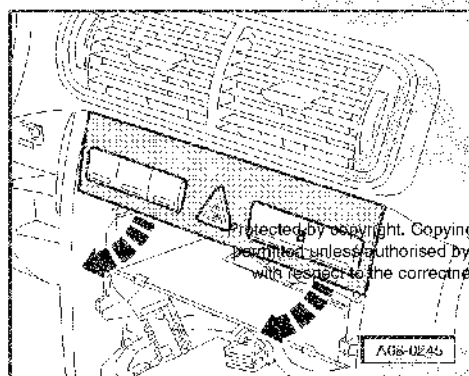
- ◀ – Remove switch for seat heating -arrows-.
- Unplug connectors.

All models:

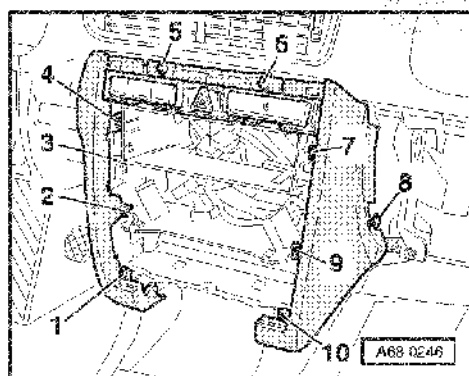


- ◀ – Release both holding clasps and pull out ashtray -arrows-.
- Unplug the connector.

68-23

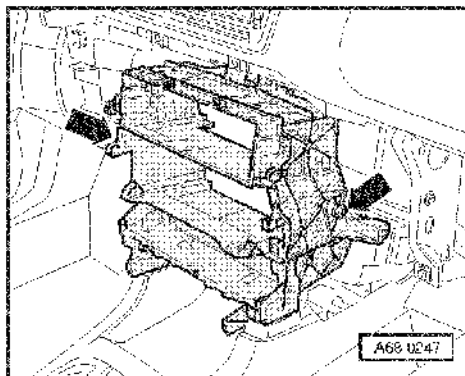


- ◀ – Unclip the switch panel trim, starting at the bottom edge -arrows-.



- ◀ – Unscrew bolts -1...10-.
- Remove dash panel centre section trim.
- Unplug connectors.

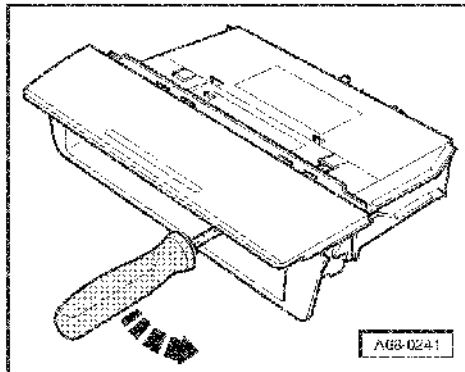
68-24



- ◀ – Unscrew bolts -arrows-.
- Detach centre section of the dash panel.

Removing and installing storage compartment in dash panel centre section

- Open tray cover.



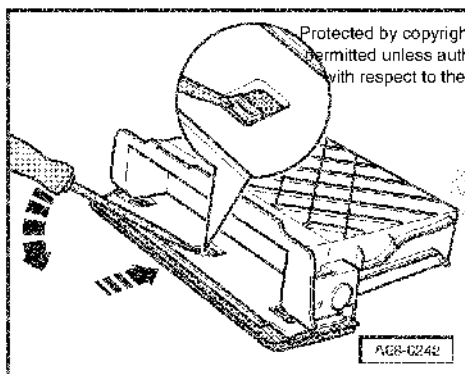
- ◀ – Insert a small screwdriver into the two outer holes in the top of the storage compartment.
- Carefully release the holding clasps and simultaneously pull the storage compartment out of the dash panel centre section.



68-25

Removing and installing storage compartment trim

- Remove storage compartment in dash panel centre section => Page 68-25



- ◀ – Lift the trim holding clasps with a small screwdriver and press out the trim -arrows-.

68-26

Removing and installing ashtray in dash panel centre section

Vehicles with storage compartment:

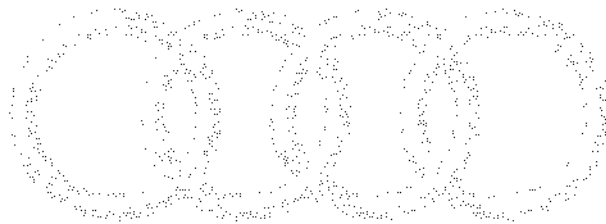
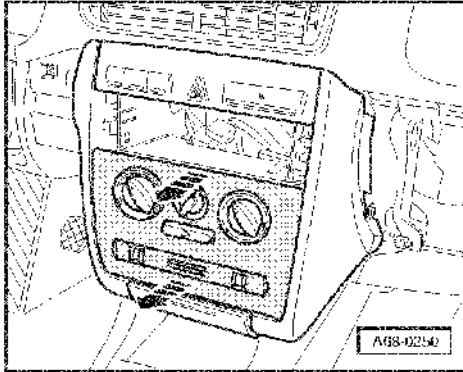
- Remove storage compartment in dash panel centre section => Page 68-25

Models with air conditioner and "symphony" radio or screen navigation system:

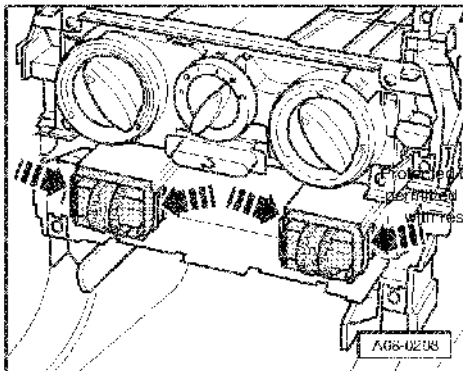
- Remove operating and display unit -E87.
- => Heating, Air Conditioning; Repair group 87 =>

Vehicles without air conditioner with seat heating:

- ◀ – Unclip the heater controls trim.



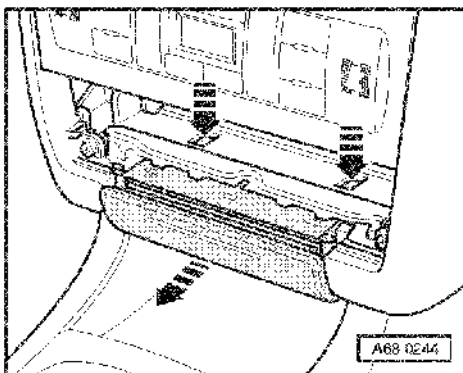
68-27



- ◀ – Remove switch for seat heating -arrows-.
- Unplug the electrical connectors.

All models:

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- ◀ – Release both holding clasps and pull out ashtray -arrows-.
- Unplug the connector.

68-28

Removing and installing switch panel trim

Vehicles with radio:

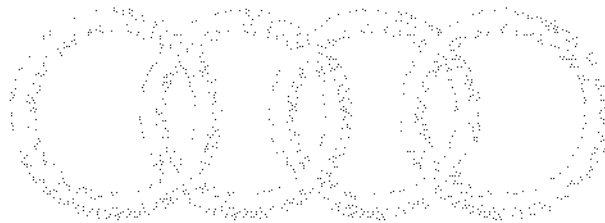
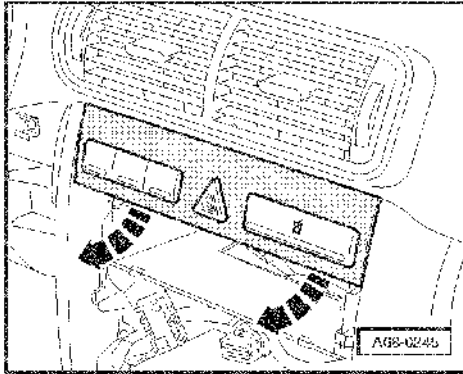
- Remove radio.
- = > Radio, Telephone and Navigation System; Repair group 91 = >

Vehicles with screen navigation system:

- Removing electronic navigation system control unit -J402:
- = > Radio, Telephone and Navigation System; Repair group 91 = >

All models:

- ◀ - Unclip the switch panel trim, starting at the bottom edge - arrows-.



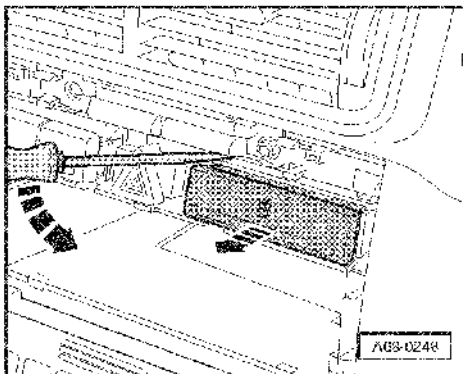
68-29

Removing and installing cup holder

- Remove switch panel trim => Page 68-29

- ◀ - Release both holding clasps -arrows- and pull out cup holder.

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68-30

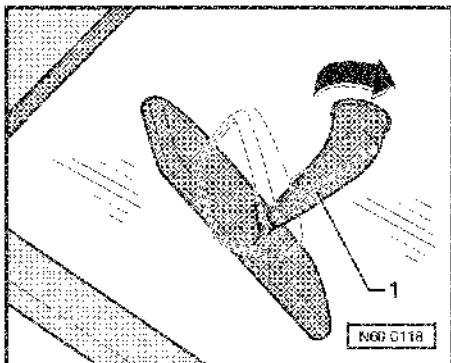
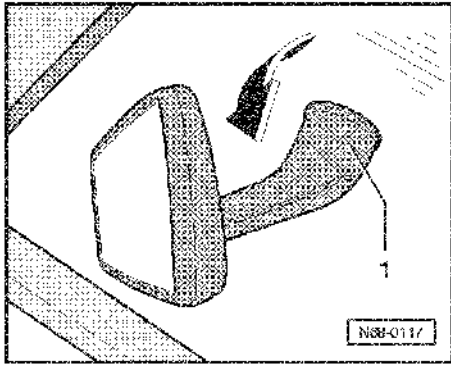
Interior rear-view mirror

Removing interior rear-view mirror

- ◀ – Press interior rear-view mirror -1- diagonally downwards -arrow- off retaining plate (clamping springs in base of mirror).

Installing interior rear-view mirror

- ◀ – When installing, fit mirror -1- at an angle of 60...90° to attachment position and turn -arrow- until locking spring engages.



68-31

Removing interior rear-view mirror (automatic anti-glare mirror)

- Unclip cable duct cover.
- Remove connector from fastener and disconnect.
- ◀ – Press interior rear-view mirror -1- diagonally downwards -arrow- off retaining plate (clamping springs in base of mirror).

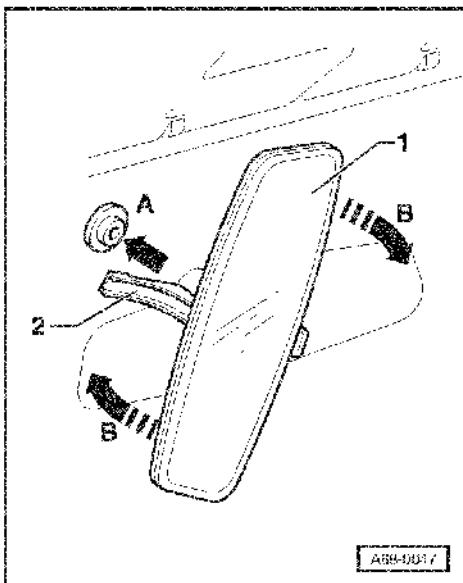
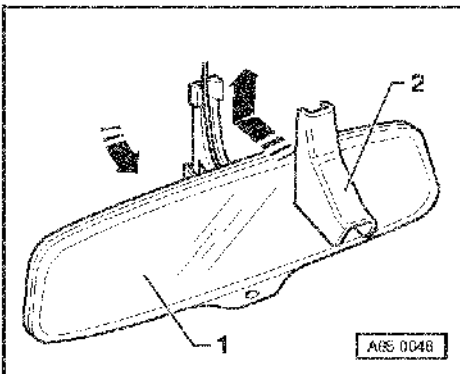
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Installing interior rear-view mirror (automatic anti-glare mirror)



Note:

- ◀ *Never grasp hold of cable duct -2- for twisting mirror.*
- When installing, fit mirror -1- at an angle of 60...90° at angle to attachment position -arrow A- and twist -arrows B-, until locking spring engages.



68-32

Checking function of automatic anti-glare interior rear-view mirror

Test function of mirror with mirror fitted and ignition switched on; reverse gear must not be engaged.

- Place hand over (or mask off) front of photo sensor.
- Shine a torch onto back of photo sensor.
- The interior mirror should darken quickly.

68-33

Cementing retainer plate for interior rear-view mirror

Repair method using glass-metal-adhesive

Materials:

- ◆ Glass-Metal-Adhesive-Set D 000 703 A1

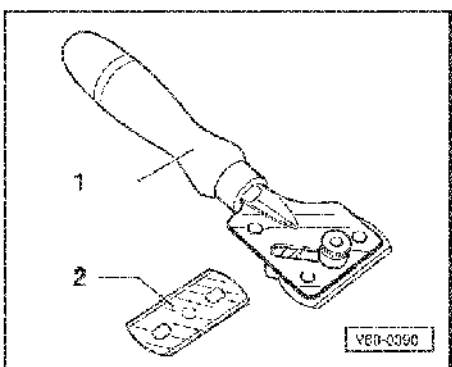
Tools:

- 1 - Glass scraper (commercially available)
 - 2 - Razor blade (commercially available)
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- Remove mirror plate from mirror base.
 - Use wire brush to remove PUR-adhesive from mirror plate.
 - Grind off three spacers on bonding surface. Use sandpaper (360/400 grain) on flat surface.
 - Keep sanded surface clean and free from dirt and grease.
 - Use glass scraper to remove PUR adhesive and primer from windscreen down to ceramic layer.
 - Clean bonding area with adhesive remover D 002 000 10 or cleaning solution D 009 401 04.

Important

Do not damage ceramic coating. Scratches will remain permanently visible.

- Cut nylon mesh fabric exactly to the size of the mirror base.



68-34

Note:

Wear hand protection (rubber glove).

- Apply adhesive evenly and smoothly to base of mirror.
- Fit nylon mesh fabric onto base of mirror.
- Apply further adhesive to nylon mesh fabric by dabbing with the tube.

30 seconds are available for applying the adhesive to the nylon mesh fabric until pressing it onto the windscreen.

- Press base of mirror firmly (do not use force) against windscreen for 15 seconds.
- Remove excess adhesive with a cloth.

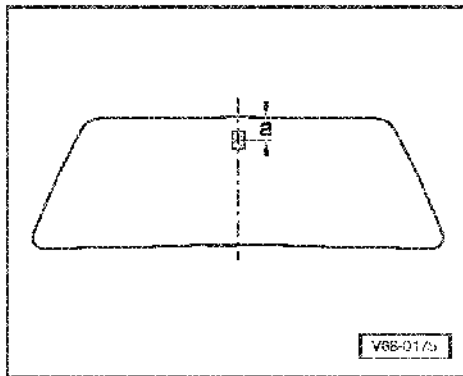
Note:

Interior rear-view mirror can be fitted after 15 minutes.

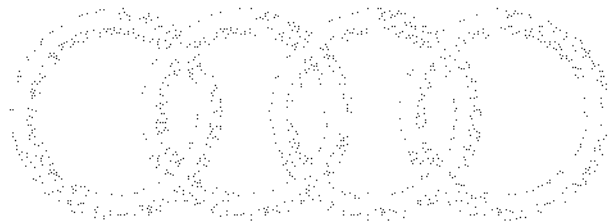
Important

Use adhesive at room temperature and observe manufacturer's safety instructions and directions for use.

The material will harden fully after several hours.



- Dimension for interior rear-view mirror with ball joint a = 127 mm (bottom edge of trim strip to centre of bonding surface of mirror base).



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Seat belts

Safety regulations for handling pyrotechnic belt tensioners

- ◆ Testing, removing, installing and repair work may only be performed by qualified personnel.
- ◆ When connecting the belt tensioner unit, all mechanical parts (including those of the three-point seat belt) must be properly attached.
- ◆ Other than the person performing the work, there should be no one in the vehicle.
- ◆ Belt tensioner components may neither be opened nor repaired; always use new parts.
- ◆ Belt tensioner units which have been dropped from a height of more than 50 cm must not be installed in a vehicle.
- ◆ Belt tensioner units which are mechanically damaged (dents, fractures) must be replaced.

69-1

- ◆ The belt tensioner units must be installed immediately after removing them from their transport containers.
- ◆ If the work is interrupted, the belt tensioner unit must again be placed in its transport container.
- ◆ Never point open end of belt tensioner at another person.
- ◆ Always wash hands after handling belt tensioners which have been activated.
- ◆ Storage and transportation are subject to the legislation for explosive substances.
- ◆ It is not permitted to leave the belt tensioner unit unattended.
- ◆ The belt tensioner unit must not be treated with grease, cleaning or similar substances, nor may it be exposed to temperatures above 100 °C, even for short periods.
- ◆ For further information, refer to Workshop Manual -> General Information, Section 1.

69-2

Disposal of pyrotechnic belt tensioners

- ◆ The scrapping of gas generators which have not been triggered represents a hazard.
- ◆ In accordance with the relevant accident prevention regulations, the gas generator of the belt tensioner unit must be rendered inoperable before scrapping.
- ◆ This is necessary because pyrotechnic devices can cause injury if disposed of incorrectly (e.g. using a blow torch).
- ◆ Seat belts which need to be removed (e.g. after an accident in which the belt tensioner was not activated) must be triggered before removal.
- ◆ This does not apply to seat belts with quality defects (sticking, failure to retract) which are required for factory analysis.

69-3

- ◆ Observe transportation regulations for explosive substances.
- ◆ Procedure for triggering pyrotechnic belt tensioner:

3-door vehicles, front

- Remove rear seat backrest
 - split => Page 72-186
 - non-split => Page 72-188
- Remove side trim => Page 70-86
- Remove B-pillar trim
 - without head airbag => Page 70-84
 - with head airbag => Page 70-113
- Remove outer seat belt anchorage point => Page 89-17

5-door vehicles, front

- Remove sill panel trims => Page 70-104

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69-4

- Remove upper B-pillar trim,
without head airbag => Page 70-97
with head airbag => Page 70-121
- Remove lower B-pillar trim => Page 70-101
- Remove outer seat belt anchorage point => Page 69-35

3-door vehicles, rear

- Remove rear seat backrest
split => Page 72-186
non-split => Page 72-188
- Remove side trim => Page 70-86
- Remove luggage compartment trim => Page 70-88
- Remove D-pillar trim
without head airbag => Page 70-91
with head airbag => Page 70-118
- Unscrew lower seat belt bolting point => Page 69-21

5-door vehicles, rear

- Remove roof frame trim => Page 70-87
- Remove rear seat backrest
split => Page 72-186
non-split => Page 72-188
- Remove rear wheel housing trim => Page 70-108
- Remove luggage compartment side trim => Page 70-109
- Remove C/D-pillar trim
without head airbag => Page 70-105
with head airbag => Page 70-129
- Unscrew lower seat belt bolting point => Page 69-36



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All models

- Use scissors to cut off webbing above buckle latch (approx. 20 cm above the reel).
- Unplug connector from belt reel and connect wiring harness – Part- No. 8D1 971 259 – to belt tensioner.
- Cut off connector on other end, strip the ends of the two wires and slit the cable sheath until the ends of the wires are at least 30 cm apart.
- Ensure that no-one is in the vehicle.
- Trigger gas generator with doors closed and windows open using wiring harness and external battery (outside vehicle).
- ◆ Ensure adequate vehicle ventilation after triggering.
- ◆ Belts can be disposed of with commercial refuse after removal.
- ◆ Always wash hands after handling belt tensioners which have been activated.
- ◆ Observe safety regulations for handling pyrotechnic belt tensioners.

Seat belt attachment points (layout)

- 1 – Three-point seat belt with belt height adjuster and belt tensioner**

◆ Removing => Page 69-9

- 2 – Anchorage point for belt buckle**

◆ Removing => Page 69-15

- 3 – Outer floor panel attachment point**

◆ Removing => Page 69-17

- 4 – Rear 3 point seat belt**

◆ Removing => Page 69-18

- 5 – Centre floor panel attachment point**

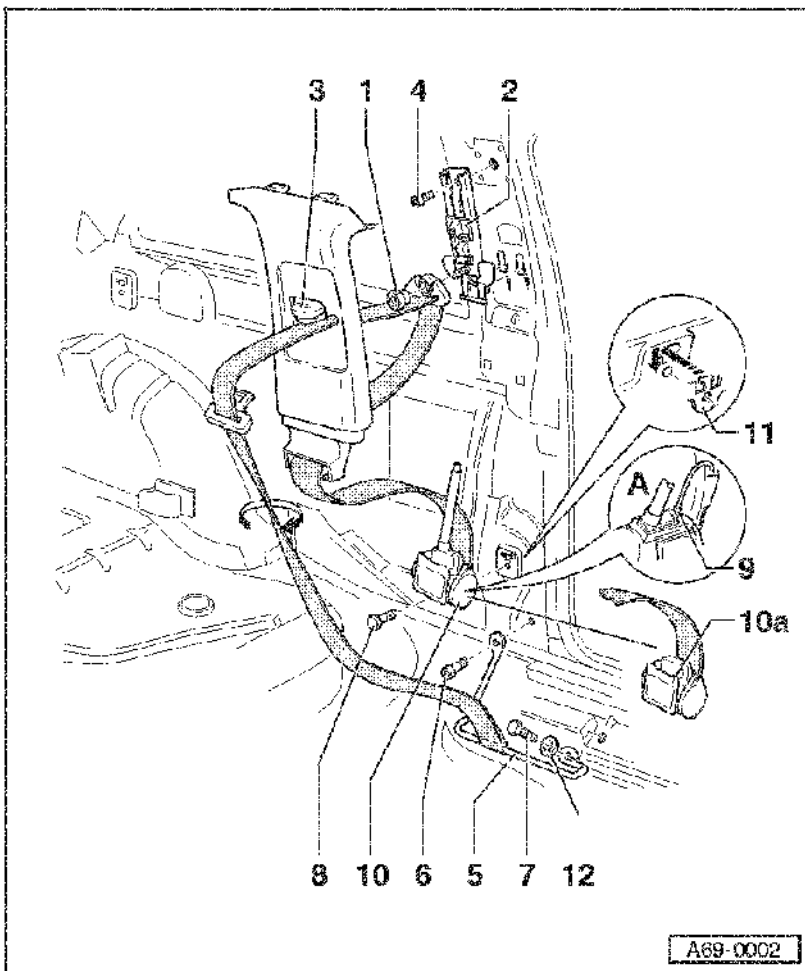
◆ Removing => Page 69-26

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1 – Removing and installing three-point seat belt with belt height adjuster and belt tensioner

◆ Removing three-point seat belt:

- Disconnect battery.
- Remove sill panel trims => Page 70-91
- Remove side trim => Page 70-86
- Unscrew belt bracket -5- at bottom bolt -6- and bolt -7- with washer -12-.
- Remove B-pillar trim without head airbag => Page 70-84 with head airbag => Page 70-113



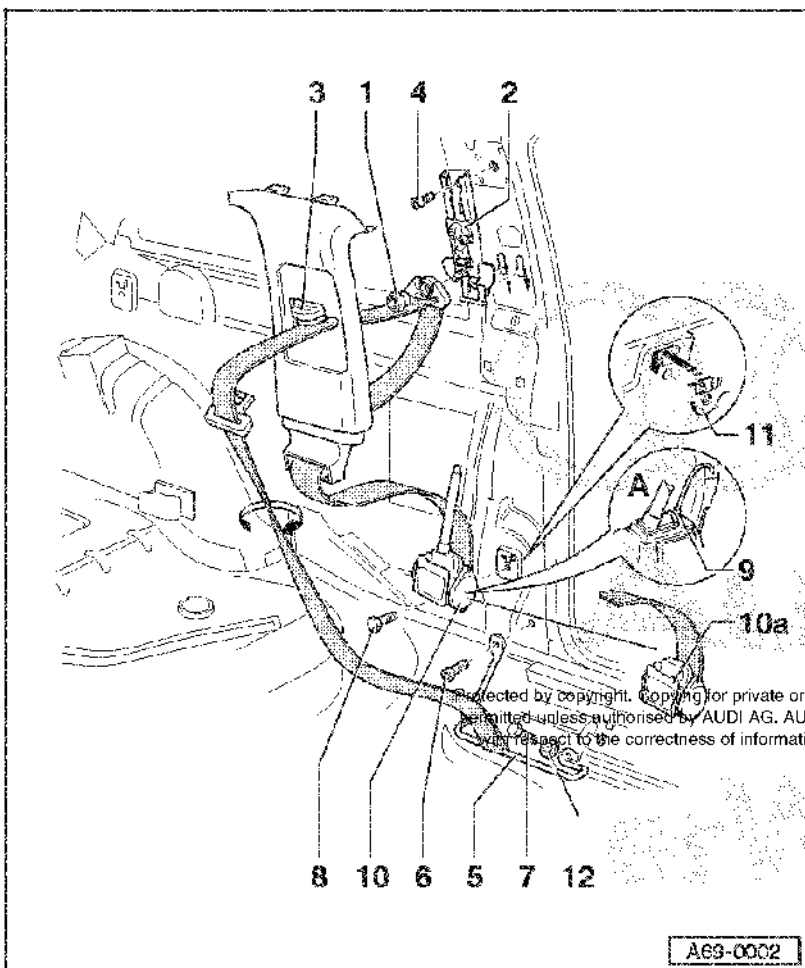
69-9

- Unscrew shouldered nut -1-.
- Detach connector (red) -9- at belt tensioner -A-
- Unscrew bolt -8-.
- Remove belt tensioner -10- (-10a-) upwards out of anti-twist element -11-.

◆ Installing three-point seat belt:

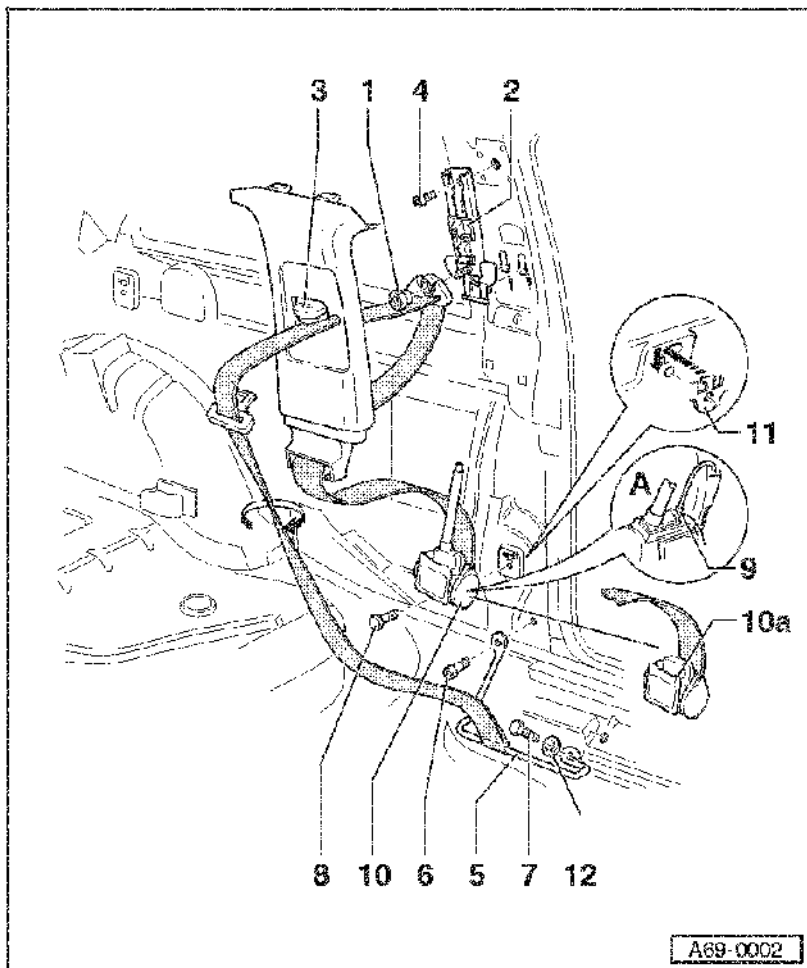
- Fit belt tensioner -10- (-10a-) as shown in magnified view with anti-twist element -11-.

- ◆ After installing the three-point seat belt, check belt function for child seat => Page 69-46



69-10

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Note:

Do not bolt in seat belt when installing B-pillar trim.

- Fit webbing turned through 180° -arrow- as shown in illustration.
- Remainder of installation is carried out in reverse order of removal.

1 – Shouldered nut

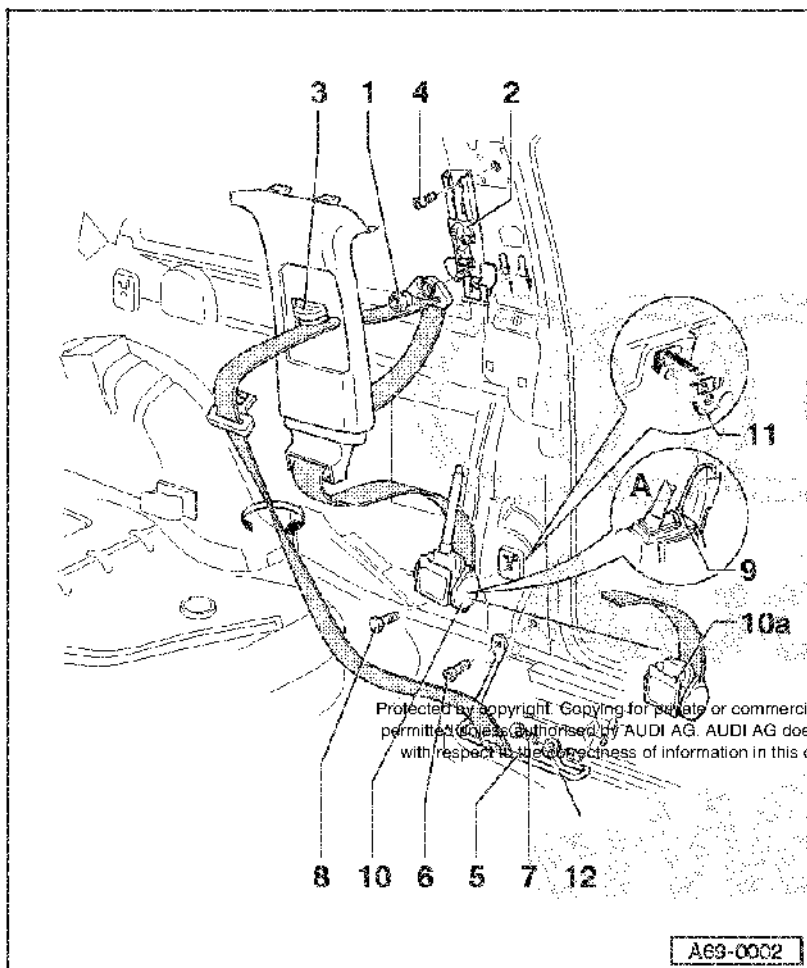
- Tightening torque 55 Nm

2 – Belt height adjuster

◆ Removing belt height adjuster:

- Remove side trim => Page 70-86
- Removing B-pillar trim => Page 70-84
- Unscrew shouldered nut -1- and bolt -4-.
- Lift out belt height adjuster.

◆ Installing belt height adjuster:



Note:

Do not press button when installing. Check operation after installing trim: Height adjuster must engage audibly in each of the 5 possible positions (including top position). Each time the height adjustment fitting is pressed it should return automatically to the "up" position.

3 – Height adjustment button

4 – Bolt

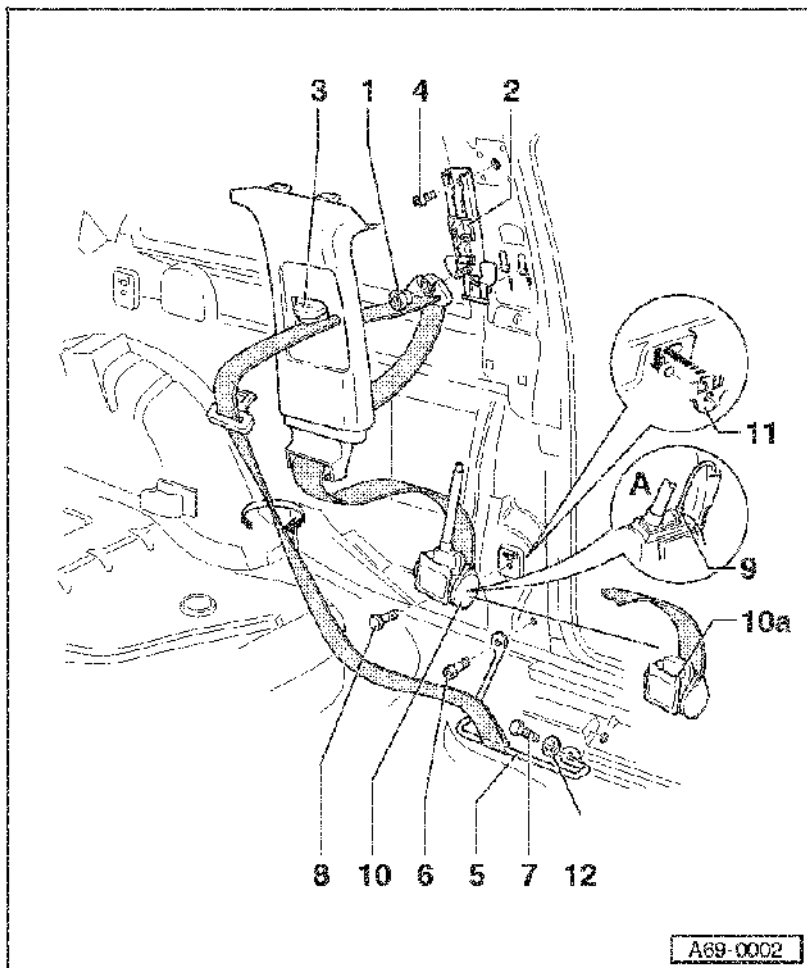
- Tightening torque 23Nm

5 – Guide bracket

6 – Bolt

- Tightening torque 23 Nm

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7 – Bolt
– Tightening torque 55 Nm

8 – Bolt
– Tightening torque 55 Nm

9 – Belt tensioner connector

10 – Belt tensioner
– Belt tensioner -10a- introduced later.
– Both types of belt tensioner can be fitted.
– Only -10a- is available as replacement version.
– Both types of belt tensioner may be fitted in the same vehicle.

11 – Anti-twist element

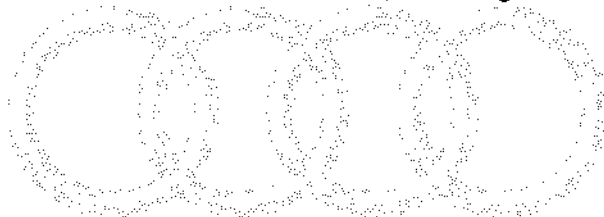
12 – Washer

69-13

Notes:

- ◆ After connecting the battery, please ensure that the vehicle accessories (radio, clock, electric window lifters) are checked according to workshop manual and/or operating instructions.
- ◆ If the fault warning light (K75) for airbag signals a fault after assembly the fault memory must be erased and again be interrogated by using fault reader V.A.G 1551.

= > Body Self-diagnosis; Repair group 01 = >



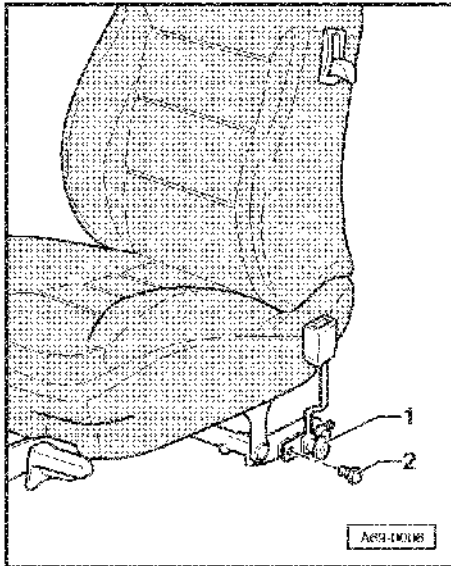
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69-14

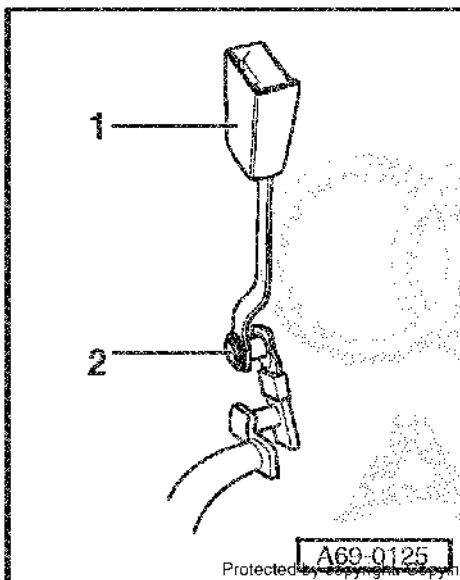
2 – Anchorage point for belt buckle



- Remove seat for
3-door vehicles up to 01.1999 => Page 72-7
3-door vehicles as of 01.1999 => Page 72-11
- Belt buckle -1-
- Unscrew bolt -2-.
- ◀ - Tightening torque 20 Nm.
- If applicable, disconnect plug for belt warning system.

69-15

Removing and installing Recaro seat belt buckle



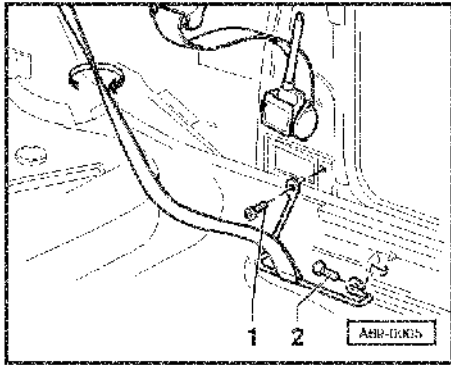
- Remove seat => Page 72-116
- Swivel down belt buckle -1- to provide access to bolt -2-.
- Release bolt -2-.
- When tightening bolt -2- ensure a tightening torque of 60 Nm.

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69-16

3 – Anchorage point for outer floor panel

- Unclip sill panel trim on inside.
- Remove rear side trim => Page 70-86



- Unscrew bolts -1-. Tightening torque 23 Nm.
- Unscrew bolts -2-. Tightening torque 55 Nm.

Note:

*Fit webbing turned through 180°-arrow-as shown in illustration.
Install anchor rail above cables.*

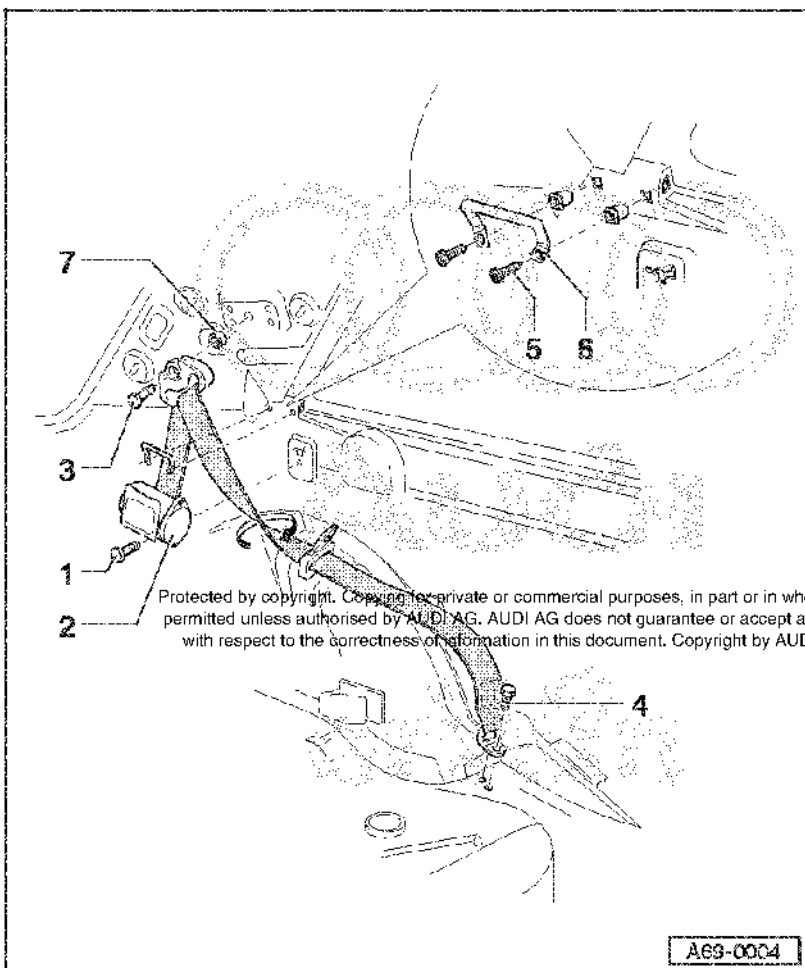
4 – Removing and installing rear three-point seat belt

- 1 – Bolt (1x)**
- Tightening torque 55 Nm

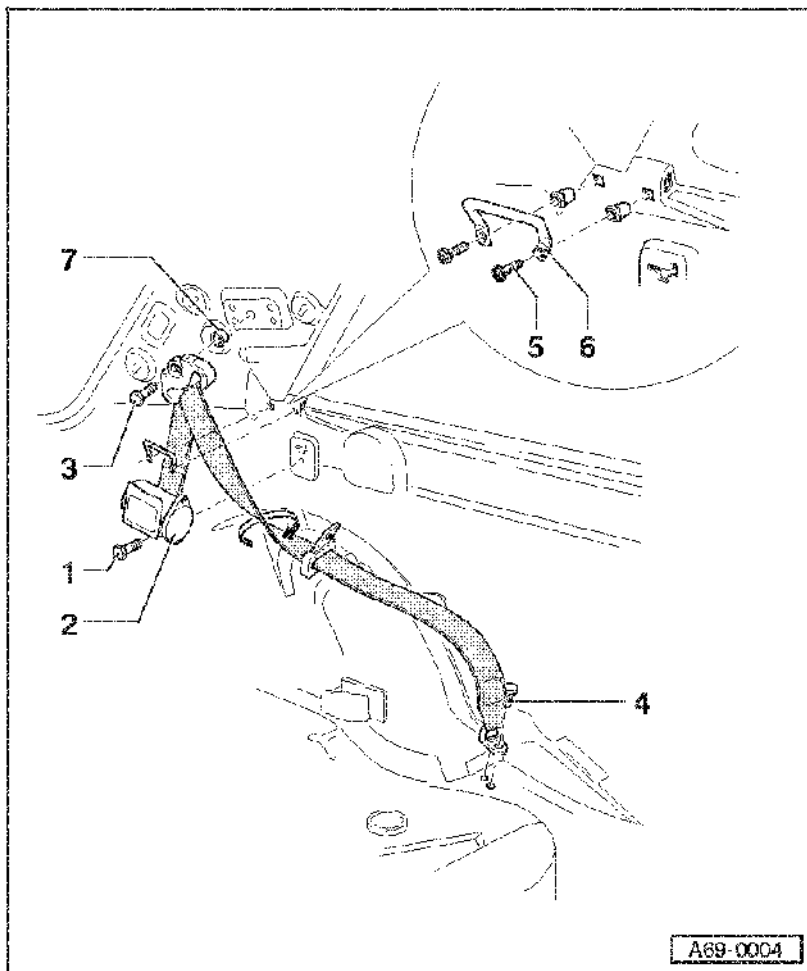
2 – Belt reel

♦ Removing

- Remove side trim => Page 70-86
- Remove luggage compartment trim => Page 70-88
- Remove D-pillar trim without head airbag => Page 70-91
- with head airbag => Page 70-118
- Unscrew bolts -5- (2x).



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- Remove bolt -1- (1x).

Note:

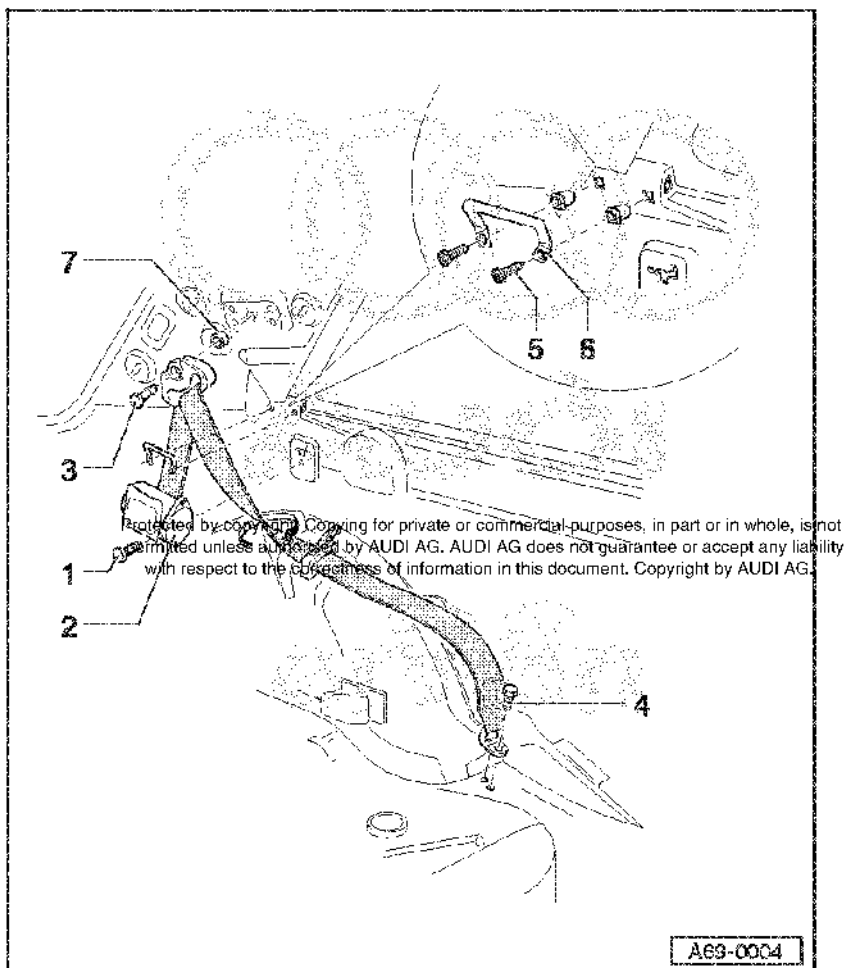
When unscrewing bolt -3- ensure that spacer bush -7- cannot drop into a cavity.

- Remove bolt -3- (1x).
- Unscrew bolt -4- (1x)

◆ **Installing**

- Install in reverse sequence to removal.
- Fit belt turned through 180°-arrow-.

◆ After installing the three-point seat belt, check belt function for child seat => Page 69-46



3 – Bolt (1x)

- Tightening torque 55 Nm

4 – Bolt (1x)

- Tightening torque 55 Nm

5 – Bolt (2x)

- Tightening torque 2 Nm

6 – Belt guide

- Belt guide may also be integrated in belt reel.

7 – Spacer bush

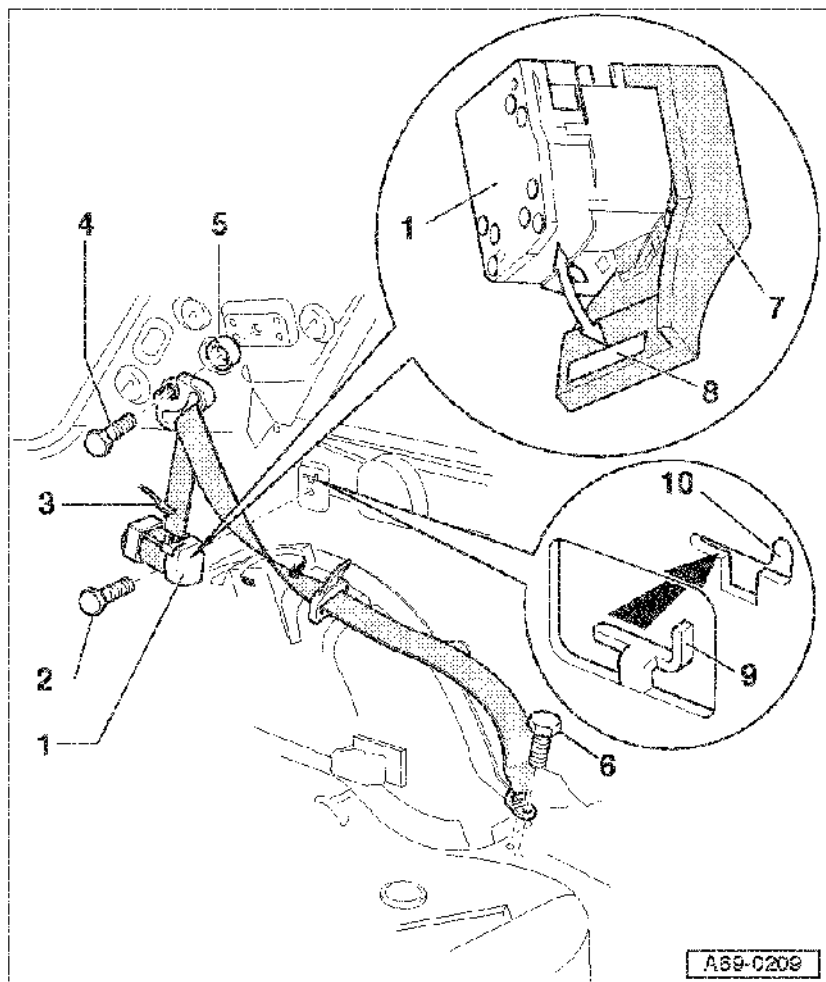
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4 – Removing and installing rear three-point seat belt MY 1998 > (with belt tensioner)

1 – Belt tensioner

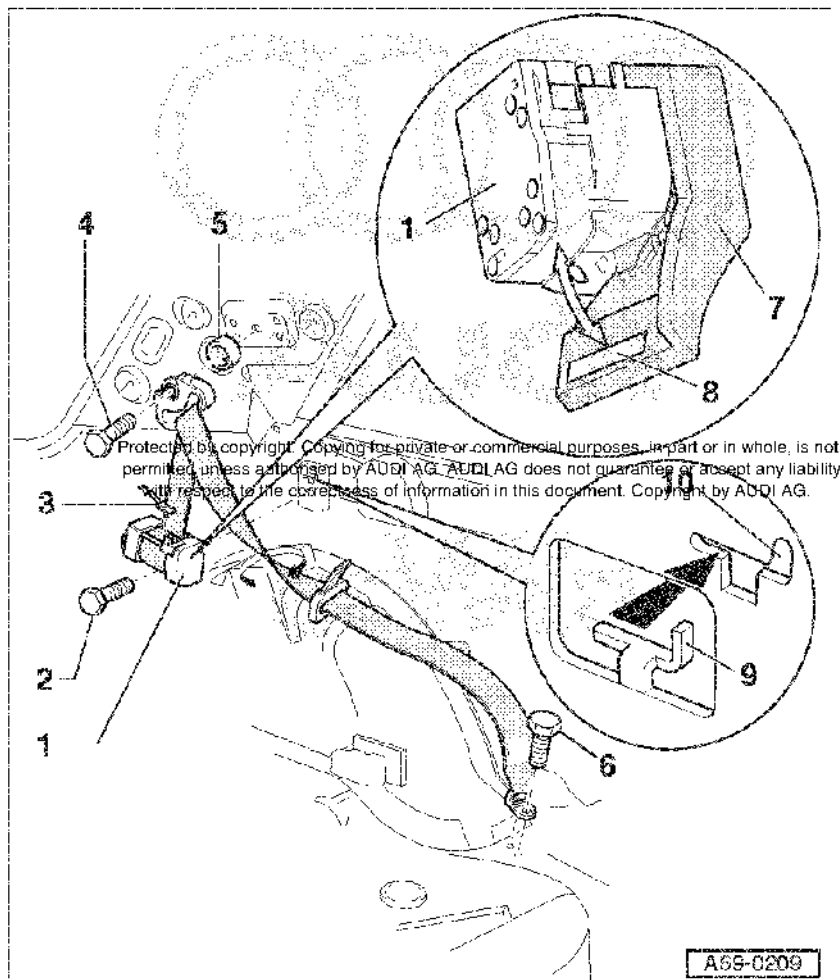
◆ Removing three-point seat belt:

- Disconnect battery.
- Remove side trim => Page 70-86
- Remove luggage compartment trim => Page 70-88
- Remove D-pillar trim without head airbag => Page 70-91
- Remove D-pillar trim with head airbag => Page 70-118
- Unplug electrical connector -3- at belt tensioner.



A69-C209

69-21



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A69-C209

- Pull insulation -7- back on one side until bolt -2- is reached.
- Unscrew bolt -2-.

Note:

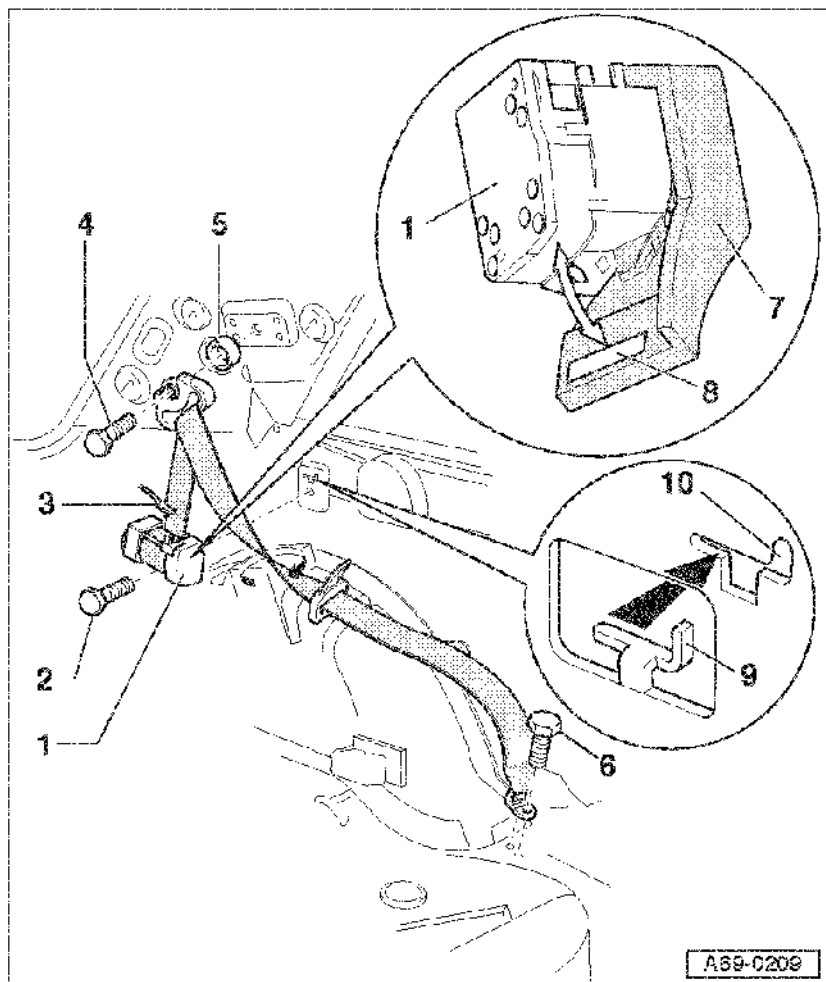
When unscrewing bolt -4- ensure that spacer bush -5- cannot drop into a cavity.

- Unscrew bolt -4-.
- Unscrew bolt -6- (1x)
- Remove seat belt -1- from mount -10- with locating pin -9-.

◆ Installing

- Install in reverse sequence to removal.

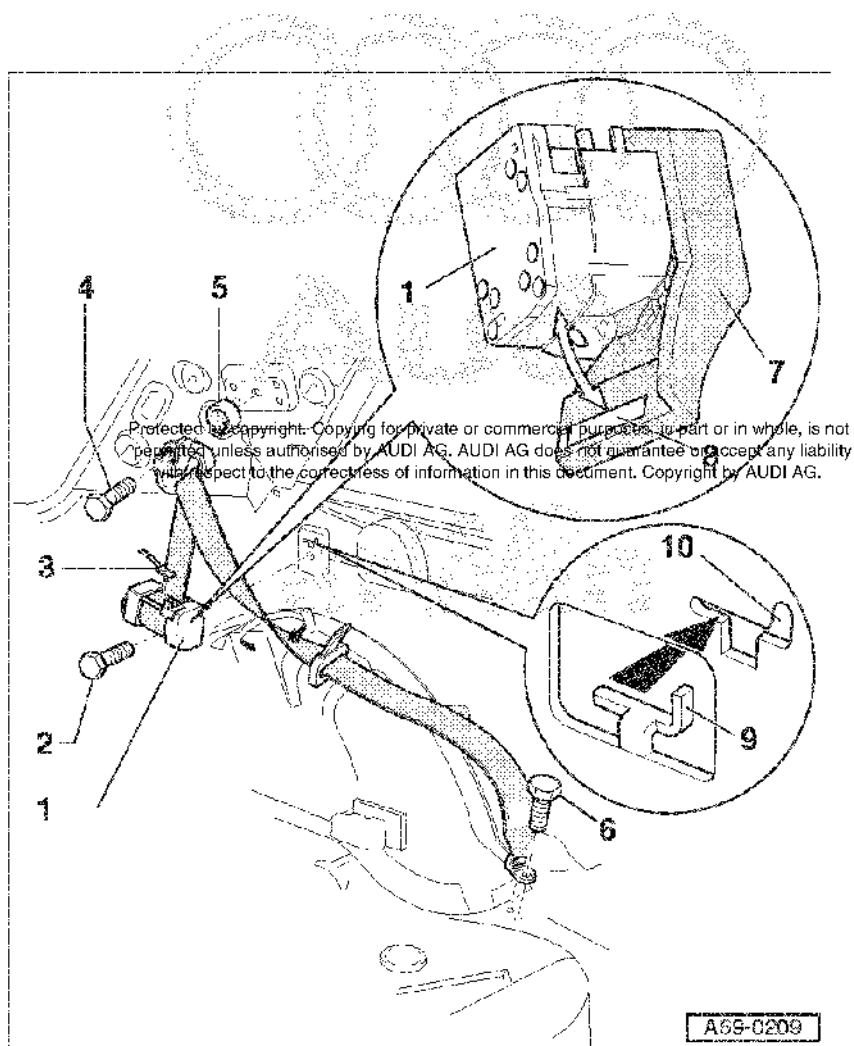
69-22



- Attach insulation with adhesive strips -8-.
- Fit belt turned through 180°-arrow-.
- ◆ After installing the three-point seat belt, check belt function for child seat => Page 69-45
- After installing the three-point seat belt, check belt-fastened sensor => Page 69-47

- 2 – Bolt (1x)**
– Tightening torque 55 Nm
- 3 – Belt tensioner connector**
- 4 – Bolt (1x)**
– Tightening torque 55 Nm
- 5 – Spacer bush**

69-23



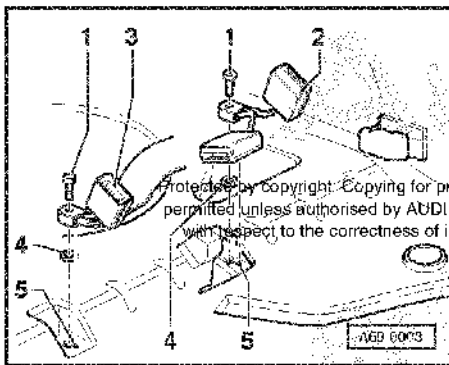
- 6 – Bolt (1x)**
– Tightening torque 55 Nm
- 7 – Insulation**
- 8 – Adhesive strips**
- 9 – Anti-twist element**
- 10 – Mounting**

69-24

Notes:

- ◆ After connecting the battery, please ensure that the vehicle accessories (radio, clock, electric window lifters) are checked according to workshop manual and/or operating instructions.
 - ◆ If the fault warning light (K 75) for airbag signals a fault after assembly the fault memory must be erased and again be interrogated by using fault reader V.A.G 1551.
- = > Body Self-diagnosis; Repair group 01 = >

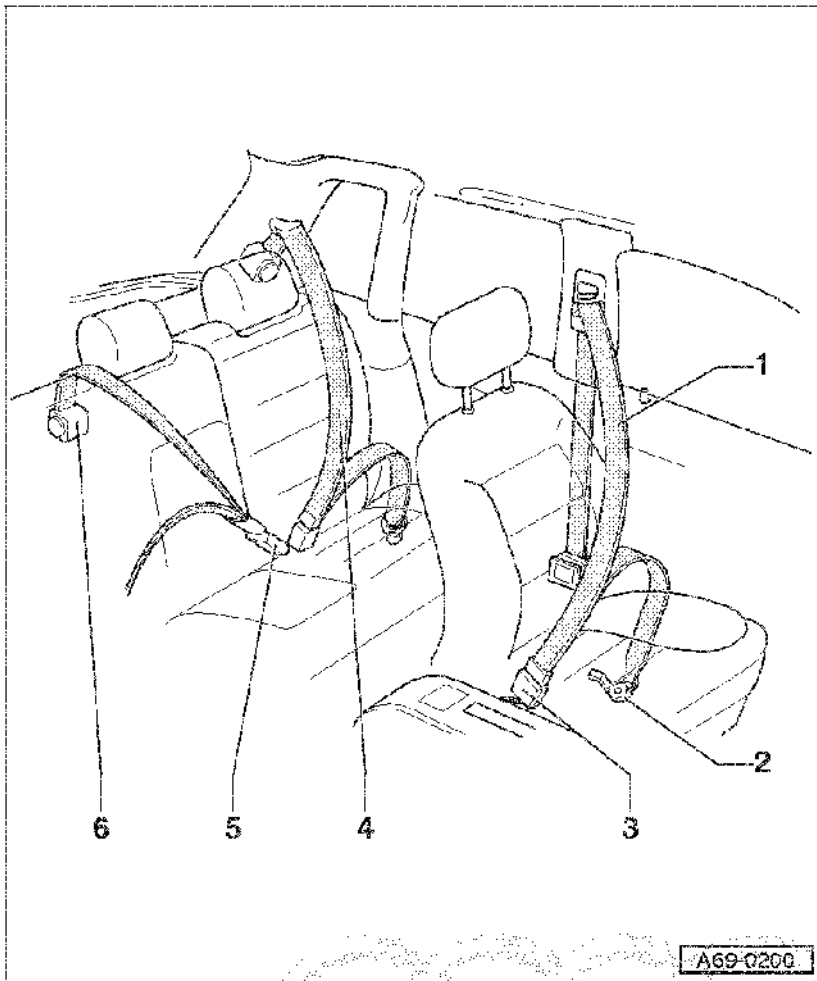
5 – Anchorage points for centre floor panel



- Remove rear seat bench / rear seat backrest
split => Page 72-186
non-split => Page 72-188
- Unscrew bolt -1-. Tightening torque 55 Nm.
- Belt buckle -2-
- Lap belt -3-
- Rubber seal -4- must always be replaced.
- When installing, ensure belt buckle -2- and lap belt -3- engage in anti-twist element -5-.

Seat belts, 5-door vehicles

Seat belt attachment points (layout)



1 – Three-point seat belt with belt height adjuster and belt tensioner

◆ Removing => Page 69-29

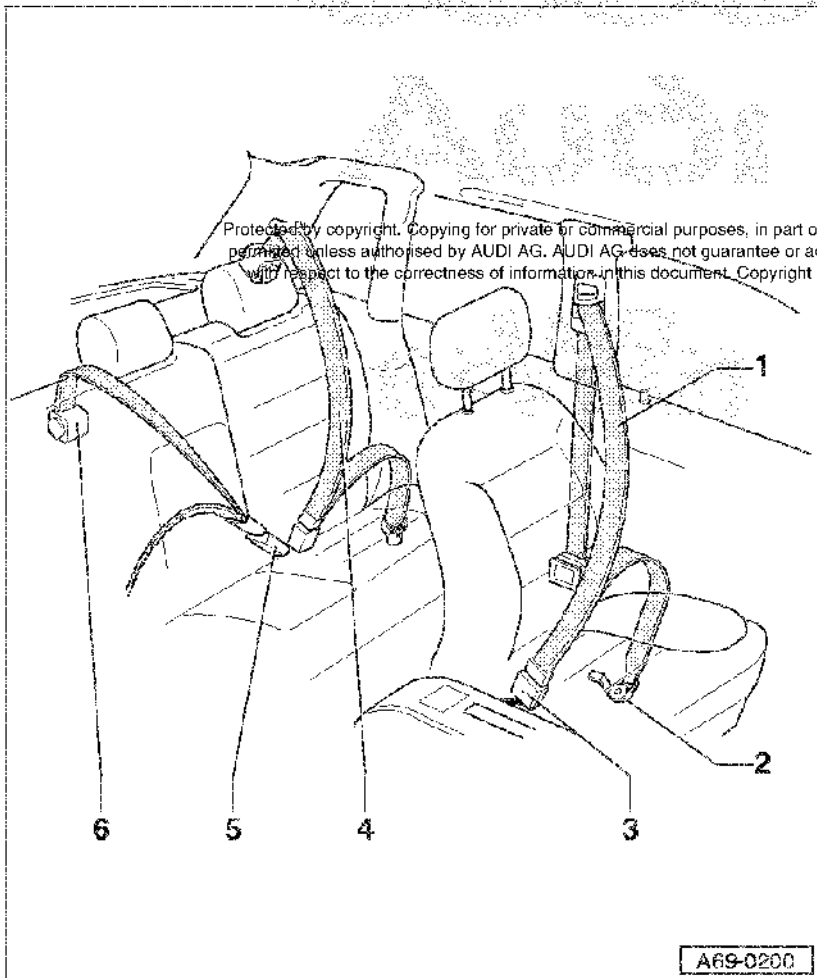
2 – Outer floor panel attachment point

◆ Removing => Page 69-35

3 – Anchorage point for belt buckle

◆ Removing => Page 69-34

69-27



4 – Rear three-point seat belt

◆ Removing => Page 69-36

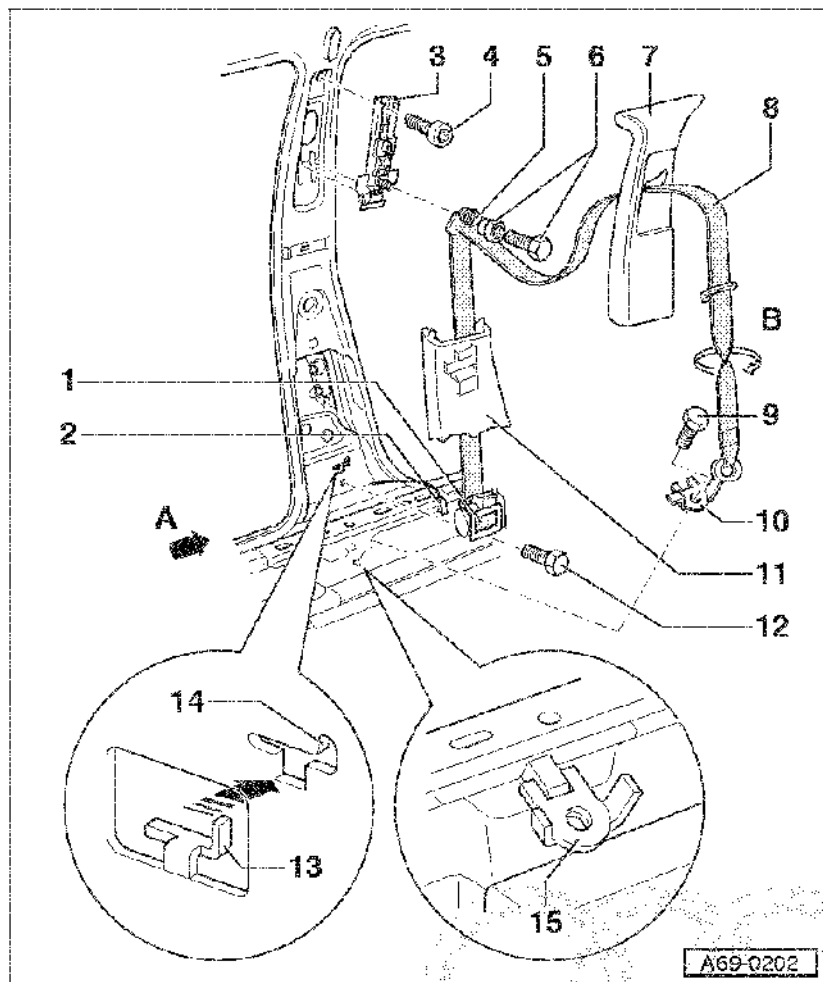
5 – Centre floor panel attachment point

◆ Removing => Page 69-39

6 – Rear centre three-point seat belt

◆ Removing => Page 69-40

69-28



Note:

Do not bolt in seat belt when installing B-pillar trim.

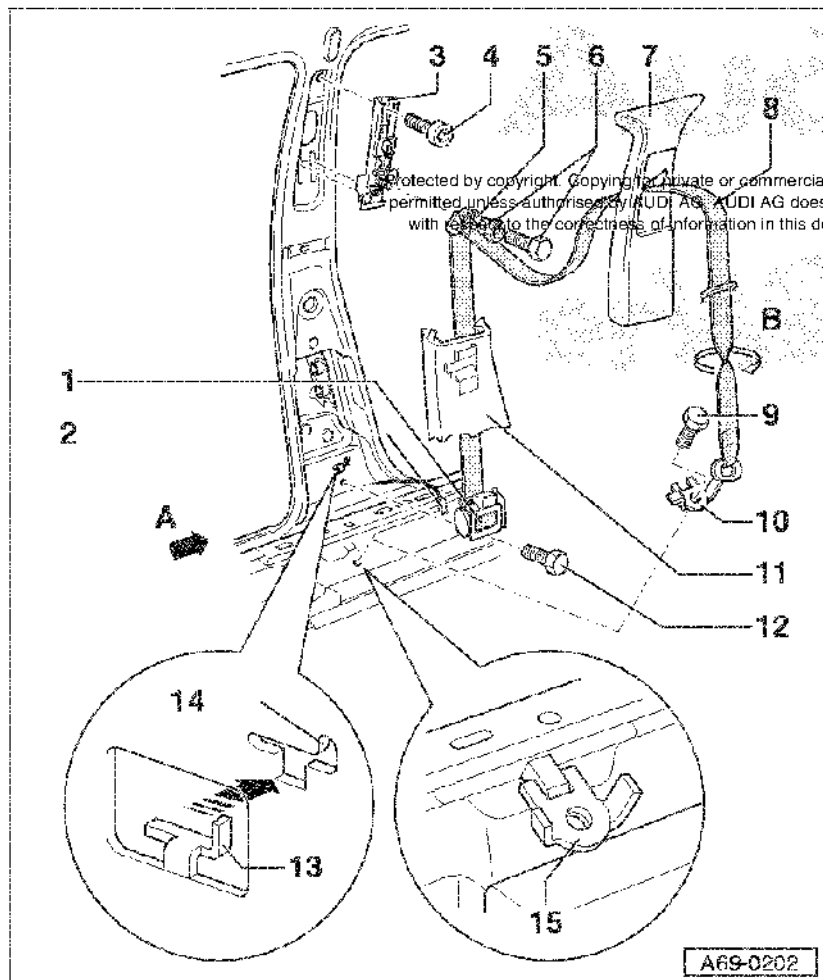
- Install webbing turned through 180° as shown in illustration - arrow B-.
- Remainder of installation is carried out in reverse order of removal.

2 - Belt tensioner connector

3 - Belt height adjuster

◆ Removing belt height adjuster:

- Remove upper B-pillar trim -7- => Page 70-97
- Unscrew bolt -6- from guide fitting.
- Unscrew bolt -4- (1x)
- Lift out belt height adjuster.



◆ Installing belt height adjuster:

Note:

Do not press button when installing. Check operation after installing trim: Height adjuster must engage audibly in each of the 5 possible positions (including top position). Each time the height adjustment fitting is pressed it should return automatically to the "up" position.

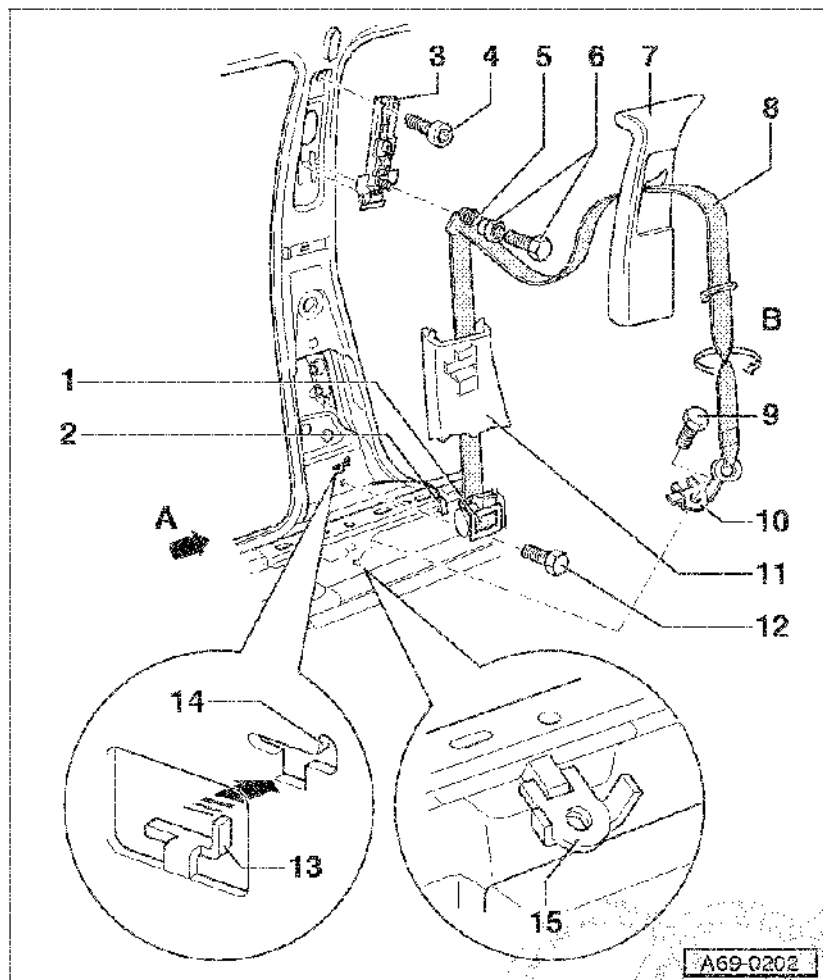
4 - Bolt

- Tightening torque 23Nm

5 - Guide fitting

6 - Bolt

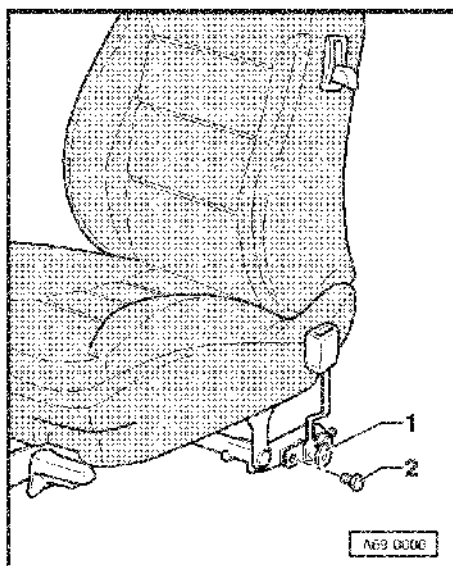
- ◆ Also installed as shouldered nut
- Tightening torque 55 Nm



- 7 – Upper B-pillar trim
- 8 – Belt
- 9 – Bolt
 - Tightening torque 55 Nm
- 10 – Anti-twist element
- 11 – Lower B-pillar trim
- 12 – Bolt
 - Tightening torque 55 Nm
- 13 – Anti-twist element
- 14 – Locating pin mount
- 15 – Locating pin mount

69-33

2 – Anchorage point for belt buckle



– Remove seat => Page 72-42

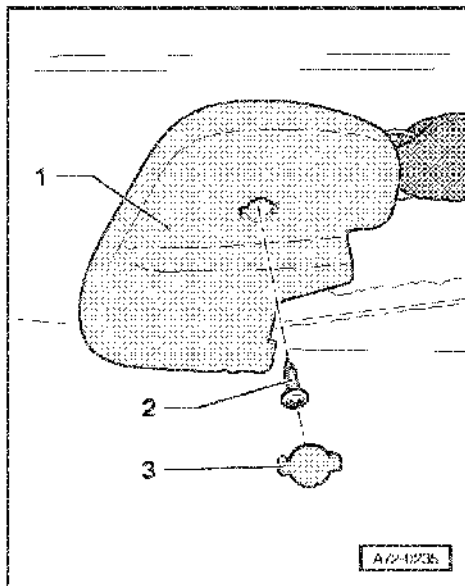
– Belt buckle -1-

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Unscrew bolt -2-

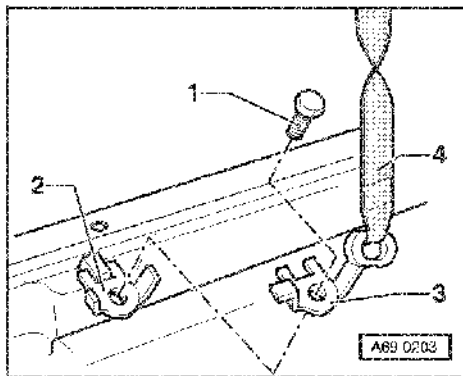
– If applicable, disconnect plug for belt warning system.

69-34



3 – Anchorage point for outer floor panel

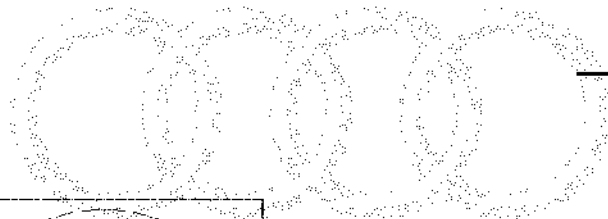
- ◀ – Lever out cover -3-.
- Unscrew bolt -2-.
- Remove rear outer seat rail cover -1-.



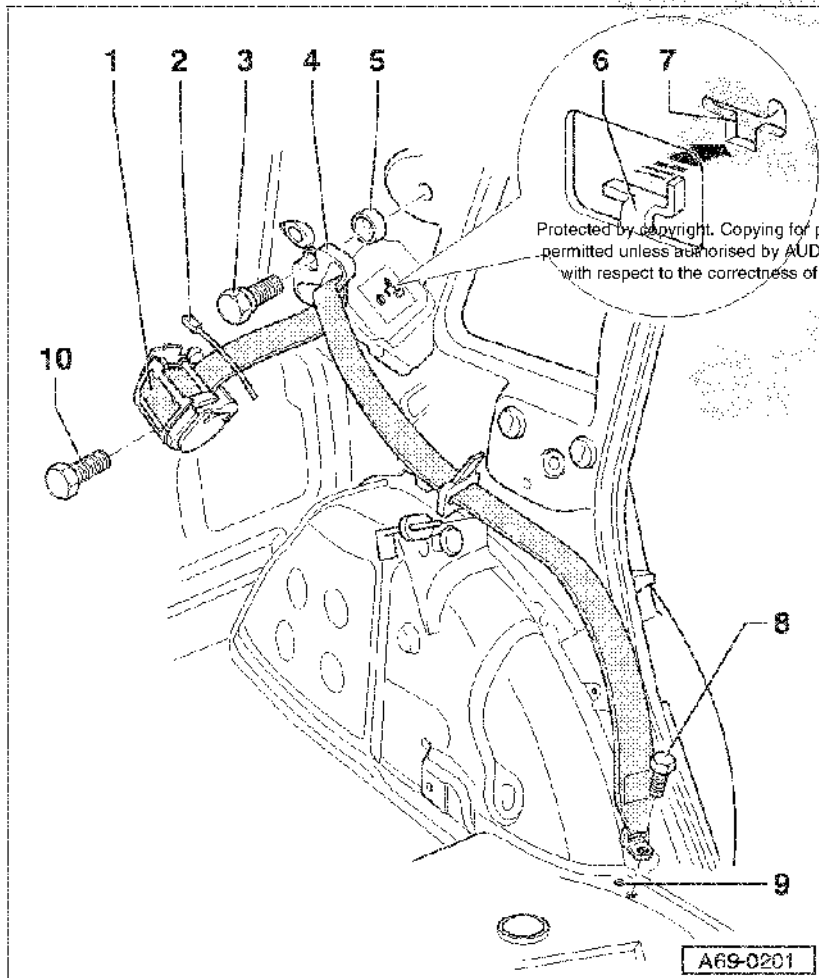
- ◀ – Unscrew bolt -1-. Tightening torque 55 Nm.
- 2 - Locating pin
- 3 - Locating pin mount

Note:

Fit webbing turned through 180°-arrow-as shown in illustration.



69-35



4 – Removing and installing rear three-point seat belt

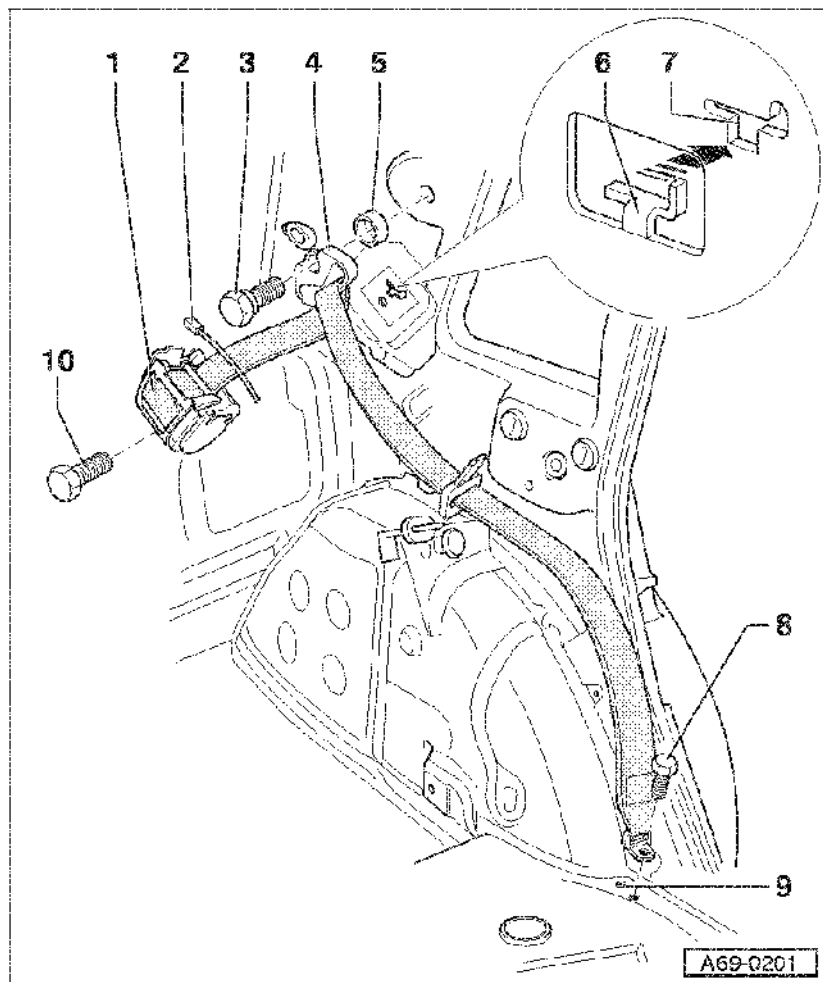
1 – Belt tensioner

- Removing
 - Remove luggage compartment trim => Page 70-106
 - Remove D-pillar trim without head airbag => Page 70-105
 - with head airbag => Page 70-129
 - Unplug electrical connector -2- at belt tensioner -1-.

Note:

When unscrewing bolt -3- ensure that spacer bush -5- cannot drop into a cavity.

69-36

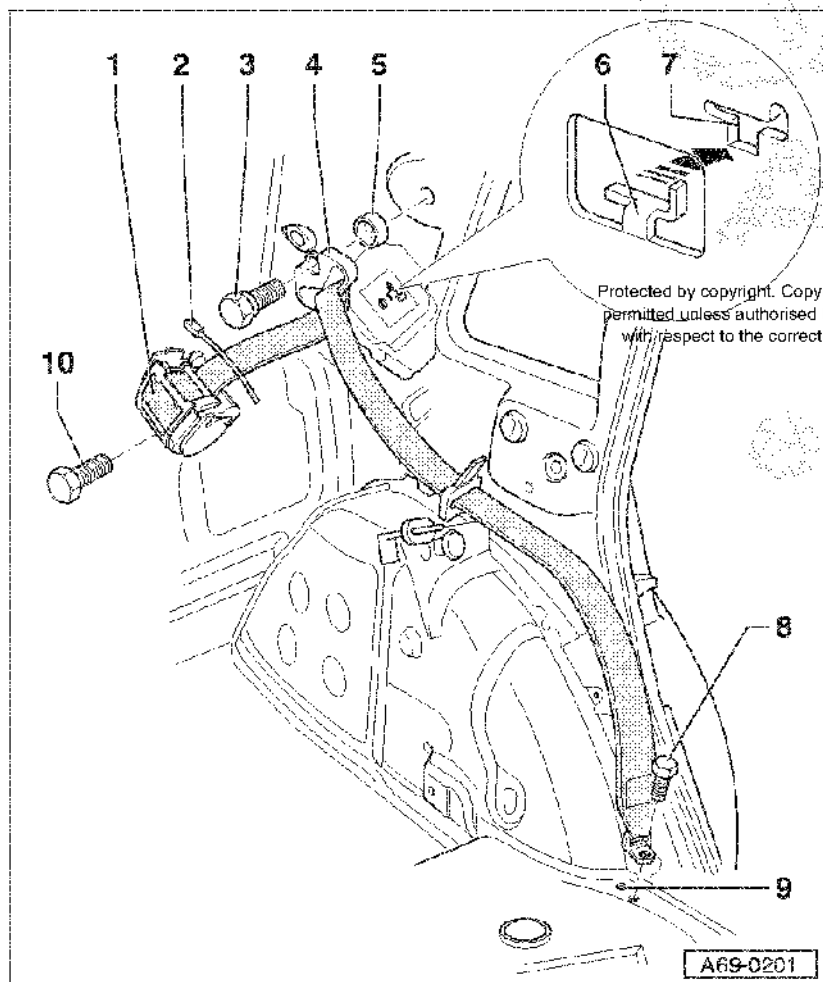


- Remove bolt -3- (1x).
- Remove bolt -8- (1x).
- Lift belt tensioner -1- out of locating pin mount -7-.

◆ Installing

- Attach belt tensioner -1- with locating pin -6- as shown in magnified view.
- ◆ After installing the three-point seat belt, check belt function for child seat => Page 69-46
- Check belt-fastened sensor on vehicles with belt tensioner => Page 69-47
- Install in reverse sequence to removal.

69-37



2 – Belt tensioner connector

3 – Bolt (1x)
- Tightening torque 55 Nm

4 – Guide fitting

5 – Spacer bush
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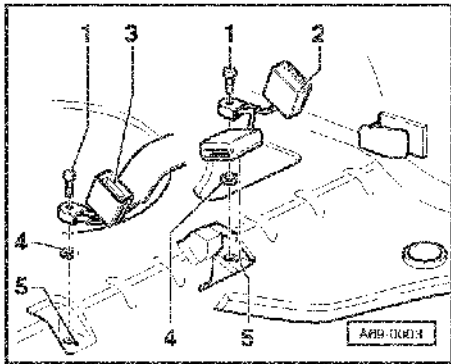
7 – Locating pin mount

8 – Bolt (1x)
- Tightening torque 55 Nm

9 – Anti-twist element

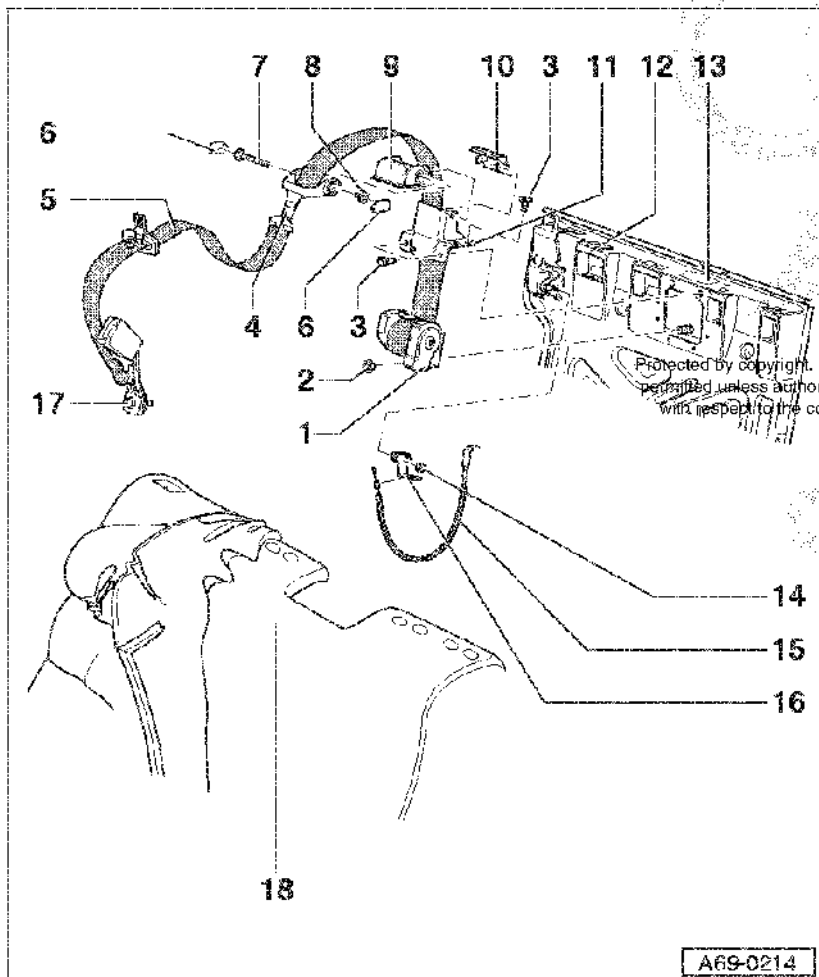
69-38

5 – Anchorage points for centre floor panel



- Remove rear seat bench / rear seat backrest
split => Page 72-186
non-split => Page 72-188
- Unscrew bolt -1- tightening torque 55 Nm
- Belt buckle -2-
- Lap belt -3-
- Rubber seal -4- must always be replaced.
- When installing, ensure belt buckle -2- and lap belt -3- engage in anti-twist element -5-.

69-39

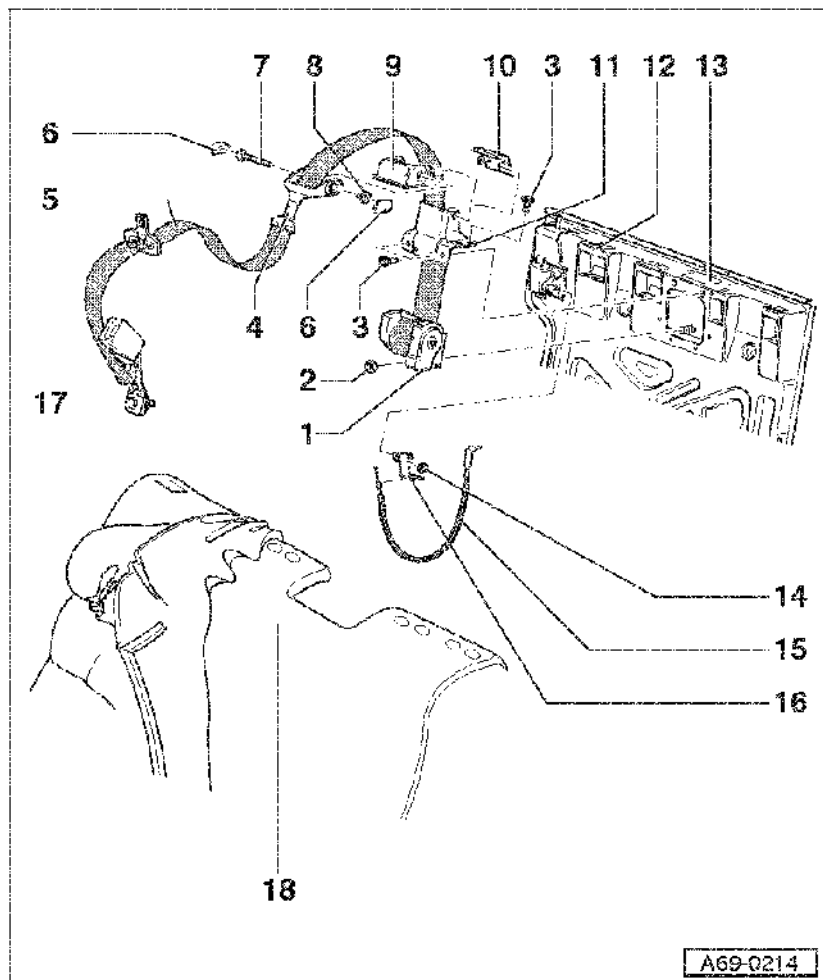


6 – Removing and installing rear centre three-point seat belt

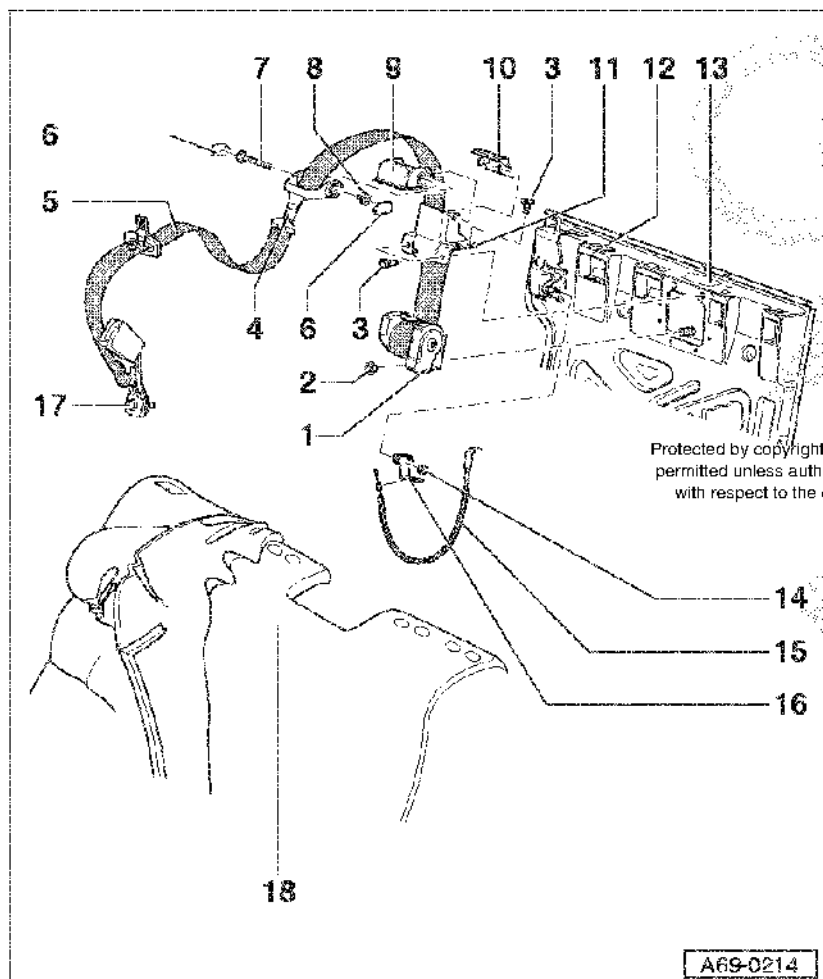
1 – Belt reel

- Remove 2/3 backrest => Page 72-186
- Lever off trim caps -6- (2x) using flat screwdriver.
- Unscrew bolt -8- counterholding counter nut -7-.
- Detach belt delivery arm -4-.
- Unclip trim cap -10-, starting at bottom.
- Detach webbing guide -9-.
- Remove upholstery from 2/3 backrest => Page 74-54
- Unscrew bolts -3- (4x).

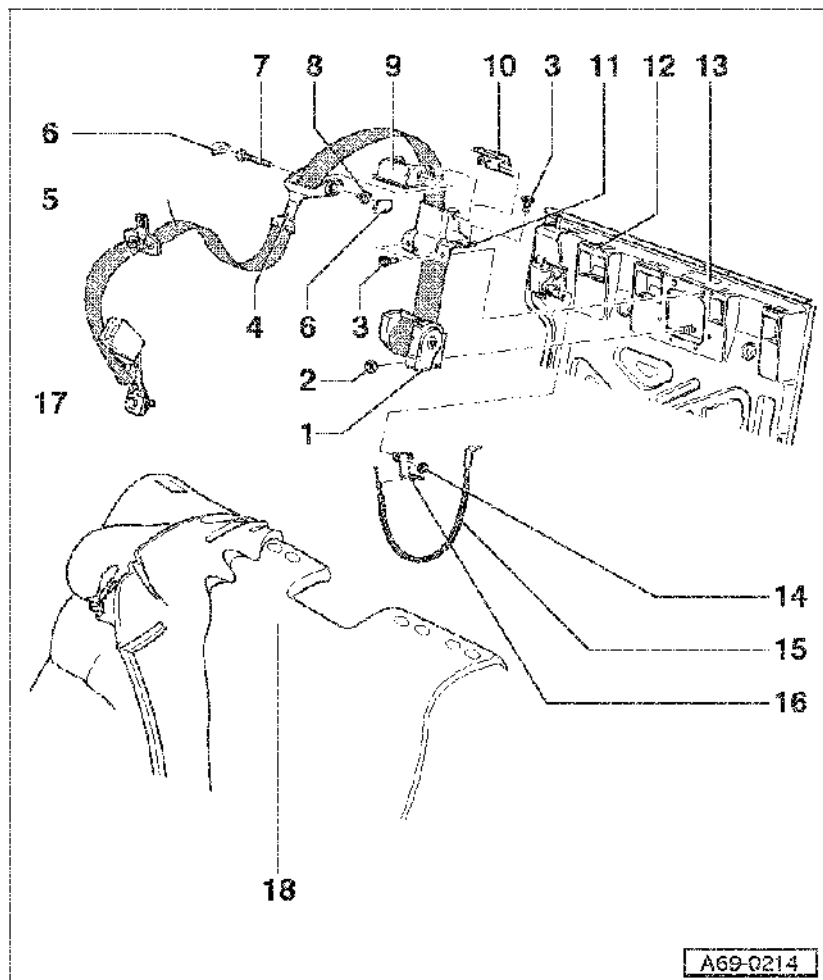
69-40



69-41



69-42



- Lever off trim caps -6- (2x) using flat screwdriver.
- Unscrew bolt -8-, counterholding counter nut -7-.
- Detach belt delivery arm -4-.
- Unclip trim cap -10-, starting at bottom.
- Detach webbing guide -9-.
- Remove upholstery from 2/3 backrest => Page 74-54
- Disconnect Bowden cable -15- at belt reel -1- => Fig. 1
- Disconnect Bowden cable -15- from backrest lock => Fig. 2

16 – Bracket

17 – Bolt

18 – Padding

69-43

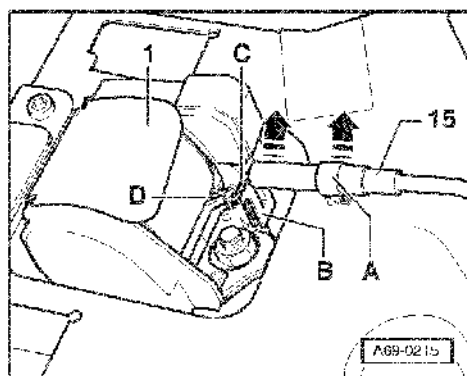


Fig.1 Disconnecting Bowden cable at belt reel

- Lever out clip -A- in direction of arrow using a flat screwdriver.
- Lever off bracket -B- in direction of arrow using a flat screwdriver.
- When installing, press pin -C- onto lug -D-.
- Insert bracket -B- home when installing.
- 1 - Belt reel
- 15 - Bowden cable

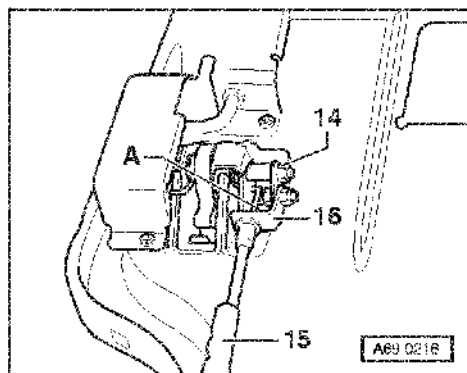


Fig.2 Disconnecting Bowden cable at backrest lock

- Unscrew nut -14-.
- Detach the Bowden cable -15- with bracket -16- at -A-.

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69-44

Checking seat belts

Important

After every accident the seat belt system must be inspected systematically. If damage is determined when inspecting the check points, customer must be informed regarding necessity of changing belts.

Check points:

- ◆ Check belt strap.
- ◆ Check belt retractor (locking action).
- ◆ Visual inspection of belt buckle
- ◆ Functional test of belt buckle
- ◆ Check belt guides and latch plate
- ◆ Check securing parts and anchorage points.

Note:

If customer refuses to have a damaged seat belt replaced, appropriate note should be made.

Explanation of test items => Workshop Manual, General, Section 1

69-45

Checking child-seat restraint function for additional child seats (not for driver's seat belt)

- The complete belt assembly (including B-pillar trim) must be fitted when checking this function.
- ◆ Activation of restraint function:
 - Pull out belt as far as possible.
- ◆ Function:
 - The belt should retract with an audible noise.
 - If the belt retraction is then stopped, it should not be possible to pull the belt out again until the function is deactivated.
- ◆ Deactivation:
 - Allow the belt to retract as far as the last 100 mm (approx.).
 - Restraint function must be deactivated at the latest when last 100 mm are reached. The belt then re-assumes its normal function.

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69-46

Checking belt-fastened sensor for rear three-point belts with belt tensioner

Connect up V.A.G tester 1551 or 1552 and go into measured value block no. 4.

= > Body Self-diagnosis; Repair group 01 = >

Belt fully retracted: display on V.A.G tester – no –.

Extract belt by dimension – L –. Display on V.A.G tester – yes –.

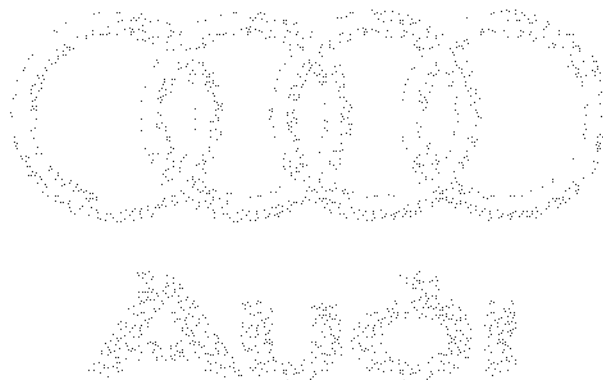
Pull out belt webbing as far as possible. On doing so, display on V.A.G tester must remain on – yes –.

Then retract belt as far as dimension – L –; display on V.A.G tester must remain on – yes –.

Belt fully retracted: display on V.A.G tester – no –.

♦ Dimension – L – is 270 mm for left and right belt in 3-door vehicles.

♦ Dimension – L – is 270 mm for left and right belt in 5-door vehicles.



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Airbag safety precautions

Safety precautions when working on airbag

- ◆ Testing, removing, installing and repair work may only be performed by qualified personnel.
- ◆ Do not test with a test lamp, voltmeter or ohmmeter.
- ◆ The airbag system may only be checked with fault reader V.A.G 1551/1552 and when installed. An exception is the self-cancelling ring with slip ring.
- ◆ Always disconnect power supply when working on the airbag system.
Detach battery earthing strap/cable, cover over negative terminal.
No waiting period is required after disconnecting the battery.
- ◆ There must be no-one in the vehicle when the battery is being connected.
- ◆ Airbag components must neither be opened nor repaired. Always use new components.

69-49

- ◆ The airbag units have an expiry date. The expiry date is indicated on the label.
Airbag III: Label on sun visor.
Airbag V and 7: Label on lower driver's side B-pillar.
The airbag units must be replaced after 14 years.
- ◆ If the airbag unit is replaced, the label with the expiry date must be detached from the new airbag unit and affixed in place of the old label.
- ◆ In the case of vehicles with no sticker on B-pillar the airbag change must be recorded in the service schedule.
- ◆ In the case of airbag units with no service life sticker, read off year of manufacture from airbag unit. Enter year of manufacture plus 14 years in "Date of next replacement" column in service schedule.

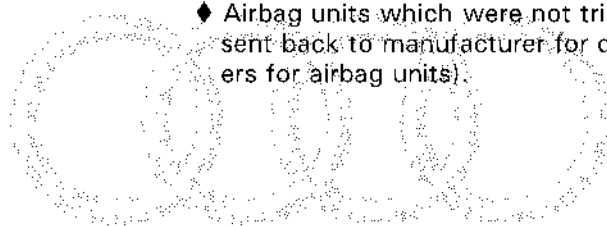
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69-50

- ◆ Always observe the following sequence when replacing an airbag unit:
 - 1 - Remove old airbag unit and place down with padding facing upwards; with head airbag observe procedure for head airbag => Page 69-56
 - 2 - Take new airbag unit from transport container and store with padding facing upwards; with head airbag observe procedure for head airbag => Page 69-56
 - 3 - Immediately place old airbag unit into transport container.
 - 4 - Install new airbag unit into vehicle.
- ◆ The airbag units should be installed immediately after removing them from their transport containers.
- ◆ If work is interrupted, the airbag unit should be replaced in its transport container.
- ◆ The airbag units must not be left unattended.

———— 69-51 ————

- ◆ Airbag units which have been removed must stored with the padding facing upwards with exception of head airbag => Page 69-56
- ◆ Airbag units which are dropped on a hard surface or are damaged must not be used.
- ◆ The airbag unit must not be treated with grease, cleaning agents or similar, and must not, even for a short time, be exposed to temperatures above 100 °C.
- ◆ Airbag units which were not triggered must be marked and be sent back to manufacturer for disposal (use transport containers for airbag units).



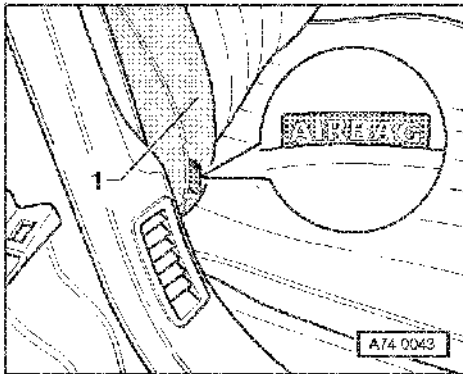
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———— 69-52 ————

Additional safety precautions for side airbag

- ◆ The side airbags are subject to the same safety precautions as the driver's and front passenger's airbags as well as the following.



- ◆ Only fit genuine seat and backrest covers approved for use by AUDI AG with side airbag (can be seen from airbag label attached on cover -1-).
- ◆ No extra covers should be fitted over the backrests, as this would impair the function of the side airbags.
- ◆ Seat cushions, mats or similar which would impair the function of the seat occupied sensor and airbags must not be used.

Note:

Seat-occupied sensor mat is not fitted in driver's seat.

- ◆ In vehicles with no seat heating, the seats are fitted with dummy seat heating elements (heating element with no wire).
- ◆ The foam upholstery in the backrest must not be cut away in the vicinity of the side airbag.

69-53

- ◆ The side airbag units have an expiry date sticker (sticker on passenger side near B-pillar). If side airbag units are replaced, remove airbag expiry date sticker from the new unit and stick it over the old one on B-pillar. After 14 years the side airbag unit and the sticker must be replaced.
- ◆ In the case of vehicles with no sticker on B-pillar the airbag replacement must be recorded in the service schedule.
- ◆ If the seat cover fabric is damaged (tears, burn marks, etc.) in the vicinity of the side airbag, the cover must be replaced for safety reasons, as otherwise the side airbag will not inflate properly.
- ◆ No repairs may be performed on the backrest cover fabric near the side airbag (original fabric has special thread and exactly defined seams).
- ◆ Never use upholstery needles or poke any other sharp objects through the seat cover fabric in the vicinity of the airbag and sensor mat.
- ◆ When installing, ensure seam for side airbag is straight.
- ◆ All upholstery staples (metal and plastic clips) must be replaced.

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69-54

- ◆ Use only genuine upholstery staples.
- ◆ When installing, all upholstery staples must be fitted in the same positions as the original ones.
- ◆ Always renew backrest upholstery after side airbag has been triggered.
- ◆ All damaged components must be replaced after an accident. The original airbag unit can still be used if no signs of damage are found.
- ◆ If side airbag units are replaced, remove airbag number sticker from the new unit and stick it over the old one on the seat pan.

Additional safety precautions for head airbag

- ◆ The head airbags are subject to the same safety precautions as the driver's and front passenger's airbags.
- ◆ Before installing a visual check for damage on the trims must be carried out.
- ◆ Repairs of the trims (trim upper A-pillar, upper B-pillar, upper C-pillar and trim D-pillar) are not permitted.
- ◆ When installing, ensure that trims are fitted securely.
- ◆ The head airbag module may only be bent at its intended position (Transition roof to A-pillar).
- ◆ When carrying out repairs behind the head airbag always remove complete module.
- ◆ Always carry removed head airbag module folded up.

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- ◆ Store removed head airbag module in transport container or on a clean, even surface (put down on blanket or in luggage compartment).
- ◆ After body repairs in the vicinity of the head airbag the body must be checked for welding splashes, deformation or abrasion (compare to opposite side).
- ◆ Always hold head airbag module securely.
- ◆ Always fold removed head airbag module -1- and grasp at gas generator (thumb direction of E-connection).
- ◆ Always keep one hand on the gas generator
- ◆ Do not twist, turn, knot, throw, pull, hang, pinch, press or clamp head airbag module.
- ◆ If contamination such as oil, grease, paint and solvents is absorbed into fabric always replace module.

Replacing airbag units after accident

Accident with airbag/belt tensioner triggering up to and including airbag 7.

The control unit for airbag must be replaced every time an airbag/belt tensioner has been triggered.

Accident with deployment of airbag 8 / belt tensioner (as from production date CW 27. 1999).

Notes:

For vehicles with airbag 8 the display shows Airbag front + side or Airbag front + head.

The control unit for the airbag can be used for up to three side/head airbag and/or belt tensioner deployments.

The fault display "Control unit defective" will appear after third deployment.

Airbag control unit must be replaced:

- ◆ if driver/passenger airbag is deployed.

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- ◆ if housing is damaged.
- ◆ in the event of tunnel deformation within 200 mm. radius of control unit.

- ◆ after airbags have been triggered three times.

Always exchange the following:

- ◆ All triggered airbag units.

Additionally, if passenger's airbag has been triggered:

- ◆ Airbag flap and frame (Do not bend deformed frame back into shape); dash-panel, if damaged.
- ◆ Lateral acceleration sensor if floor pan around sensor has been deformed.

Additionally, if driver's airbag has been triggered:

- ◆ Lateral acceleration sensor if floor pan around sensor has been deformed.

Additionally, if side airbag has been triggered:

- ◆ Lateral acceleration sensor on side where airbag has been triggered.
- ◆ Backrest upholstery.
- ◆ Backrest cover.

- ◆ Non-triggered lateral acceleration sensor if floor pan around sensor has been deformed.

Additionally, if head airbag has been triggered:

- ◆ Lateral acceleration sensor on side where airbag has been triggered.
- ◆ Trims pillars A, B, C, D.
- ◆ Non-triggered lateral acceleration sensor if floor pan around sensor has been deformed.

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Additionally:

◆ All seat belts with triggered belt tensioners

- Triggered belt tensioners can be identified with self-diagnosis for airbags 7 and 8.

A – with triggered airbag control unit:

Front belt tensioner:

Read measured value block				1 >
1	2	3	4	

- Read measured value block, display group 001:
= > Body Self-diagnosis; Repair group 01; Self-diagnosis of airbag system; Reading measured value block = >
- A triggered belt tensioner is indicated by the display "too great".

Rear seat belt tensioner:

Read measured value block				2 →
1	2	3	4	

- Read measured value block, display group 002:
= > Body Self-diagnosis; Repair group 01; Self-diagnosis of airbag system; Reading measured value block = >
- A triggered belt tensioner is indicated by the display "too great".

B – with triggered airbag control unit:

- Interrogate fault memory:
= > Body Self-diagnosis; Repair group 01; Self-diagnosis of airbag system; Interrogating fault memory = >
- A triggered belt tensioner is identified by the fault message "Belt tensioner igniter – Resistance value too great"

◆ In addition, the following must also be replaced, if necessary (visual check):

all defective components

Accident not involving activation of airbag

◆ If the airbag warning lamp -K75 does not indicate a fault, it is not necessary to replace the airbag components. The seat belts should be checked separately.

After replacing the airbag units or the control unit, affix stickers (only tear-off strips) to the registration card and return the registration card to the relevant Sales Centre or to the Importer for registration.

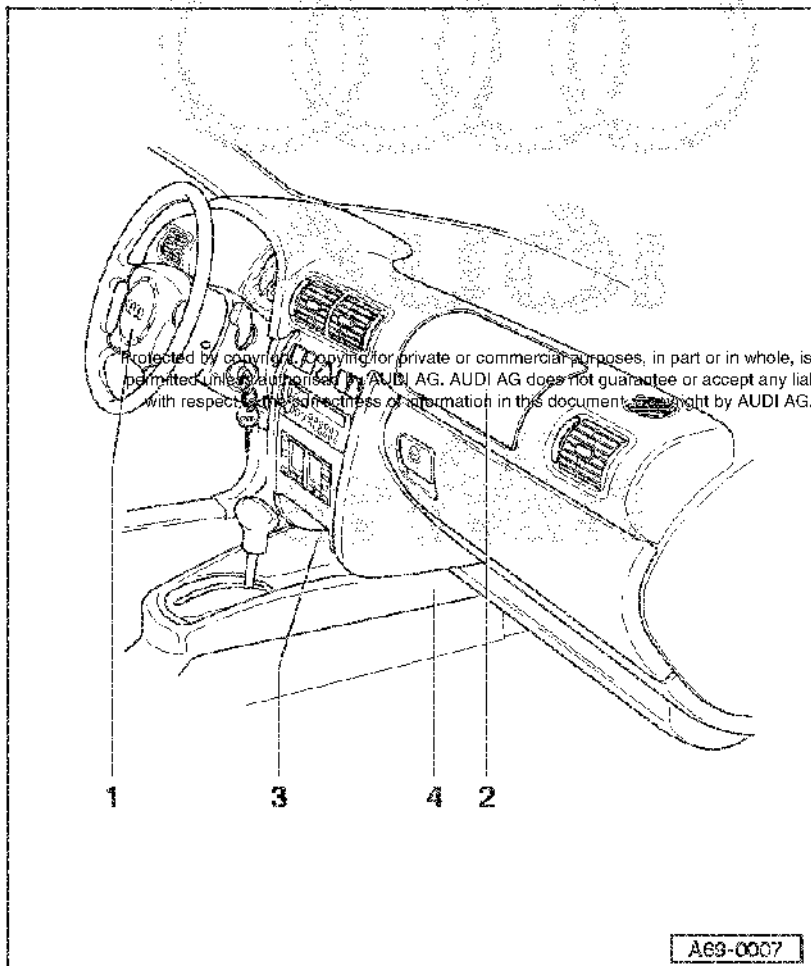
Storage and transport of airbag units

- ◆ The airbag unit is a class PT 1 pyrotechnic device. Storage and transport are subject to safety legislation relating to hazardous materials (explosives).
- In Germany:
Small quantities of materials and articles may be kept in lockable rooms without special storage permission. Dispatch and transportation is only permitted in officially approved transport containers.
- ◆ Airbag units must not be stored for longer than 3 months.

Disposal of airbag units

- ◆ In Germany airbag units must be rendered unusable prior to scrapping by means of electrical ignition, in accordance with accident prevention regulations, as pyrotechnic devices can cause injury if activated improperly (e.g. with a cutting torch during scrapping).
- ◆ The airbag unit must only be electrically ignited when installed in the vehicle. Ignition device part no. 8D1 971 259 must be used.
- ◆ Minimum distance to vehicle: 10 m.

69-63



Repairing airbag

Fitting locations overview

1 - Driver's airbag unit

- ◆ Remove up to MY 1998 => Page 69-70
- ◆ Remove as of MY 1998 => Page 69-73
- ◆ Remove where sports steering wheel is installed => Page 69-79

2 - Passenger's airbag unit

- ◆ Removing => Page 69-93
 - ◆ Deactivating and activating (adaptation)
- => Body Self-diagnosis; Repair group 01 =>

3 - Diagnostic connector

4 - Airbag control unit

- ◆ Removing => Page 69-66

69-64



Fitting locations overview

1 - Side airbag

- ◆ Removing and installing => Page 69-99

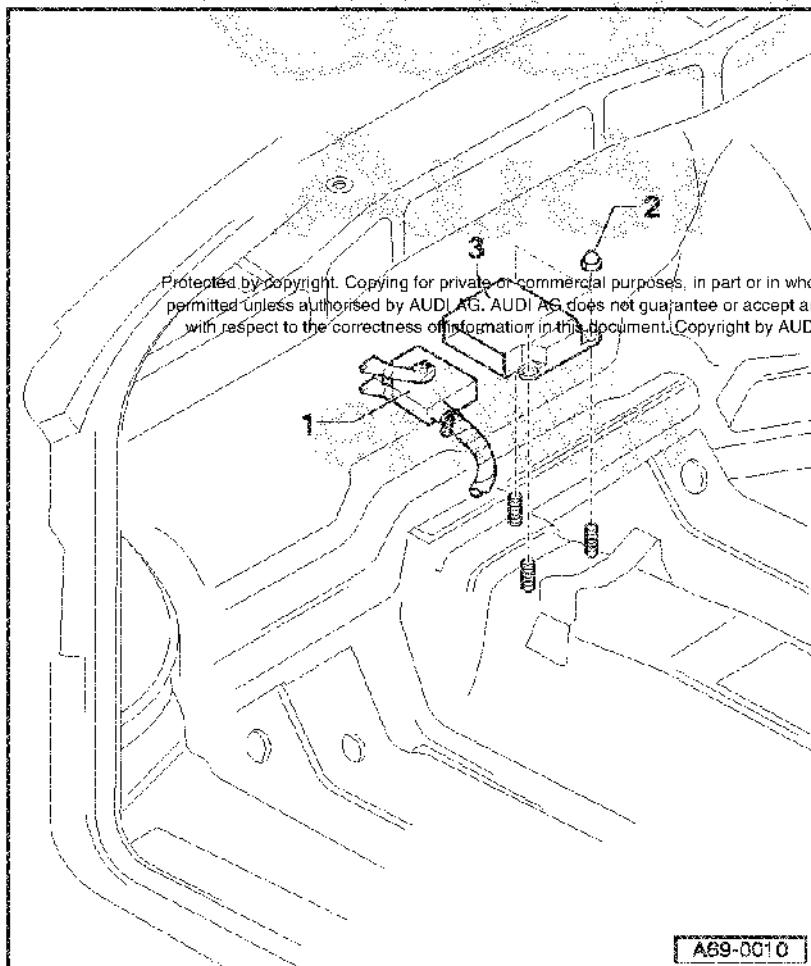
2 - Seat occupied recognition

- ◆ Not installed

3 - Sensor for lateral accelerator

- ◆ Removing and installing => Page 69-113

69-65



Removing and installing airbag control unit

1 - Control unit plug

2 - Nut

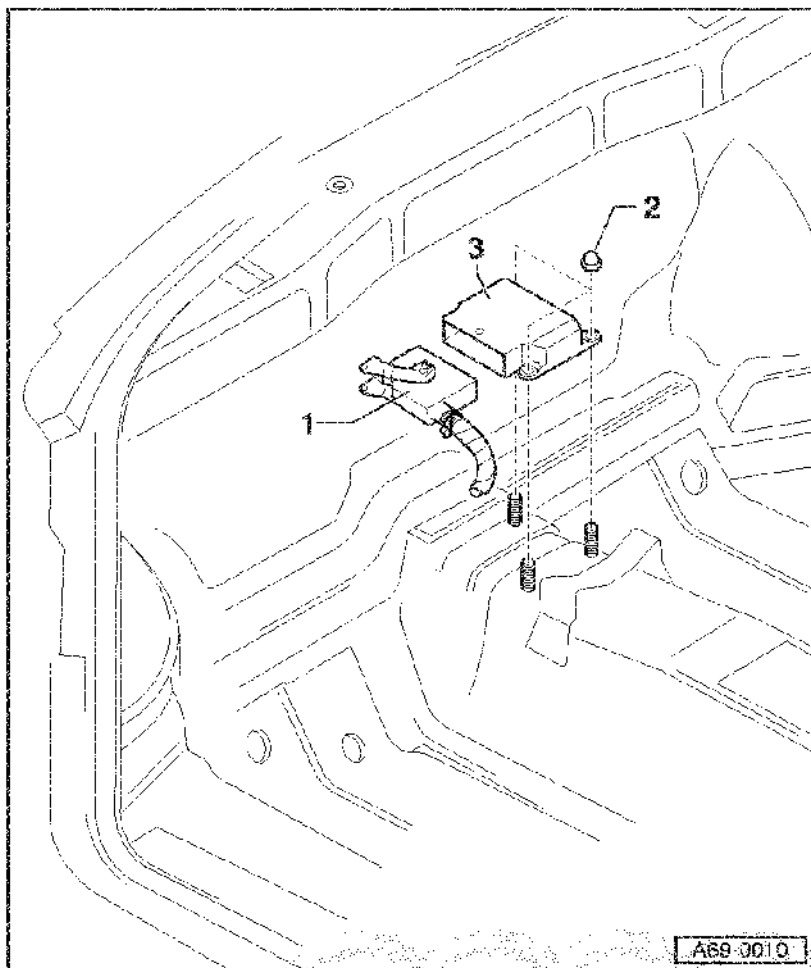
- Tightening torque 8 Nm

3 - Control unit

◆ Removing

- Detach battery earth strap.
- Remove lower section of centre console => Page 68-9
- Remove lower steering column cover => Fig. 1
- Remove tunnel brace => Fig. 2
- Remove accelerator pedal stop.
- Remove footwell air outlet => Fig. 3
- If necessary, cut carpet and soundproofing in area of control unit.

69-66



- Move safety bracket of control unit plug -1- over until it engages again.
- Disconnect plug -1-.
- Unscrew nuts -2- (3x).
- Remove control unit -3-.

Notes:

Renew coding if control unit is replaced.

=> Body Self-diagnosis; Repair group 01 =>

69-67

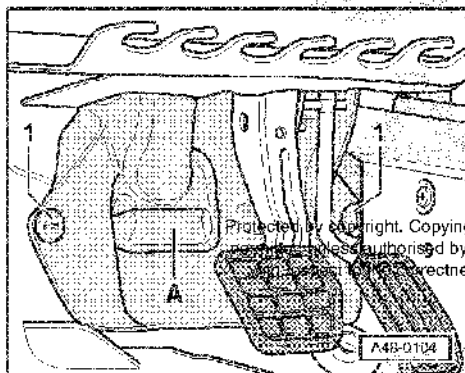


Fig.1 Lower steering column cover.

- Unscrew plastic nut -1- and remove cover -A-.

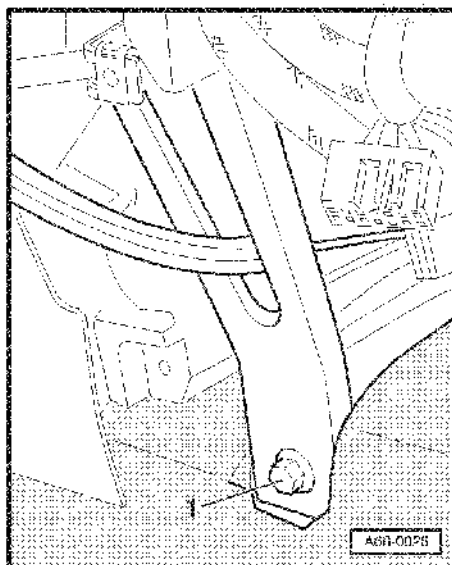
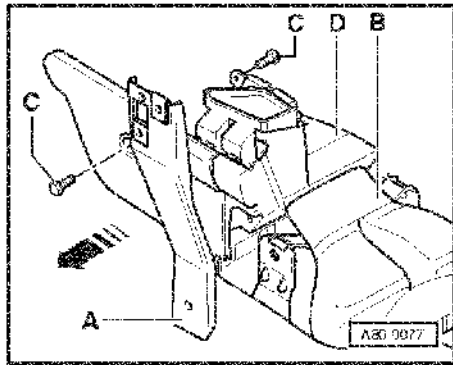


Fig.2 Unscrewing tunnel brace

- Unscrew bolt -1- at bottom and bolts at top (2x). Tightening torque 14 Nm.

69-68

Fig.3 Removing and installing footwell vent



- ◀ – Remove connection pieces between footwell and rear air outlet -B-.
- Unscrew bolts -C-.
- Remove footwell air outlet -D- in direction of driver's side footwell (arrow).



69-69

Repairing driver's airbag

Removing and installing driver's airbag ► MY 1998

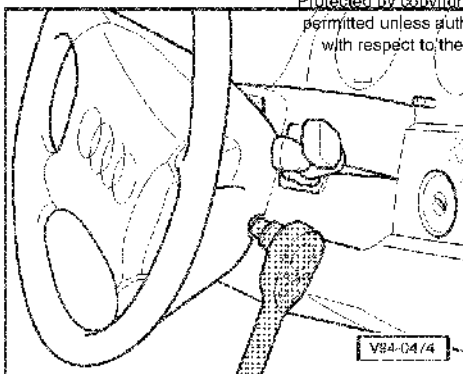
- Disconnect battery earthing strap/cable.

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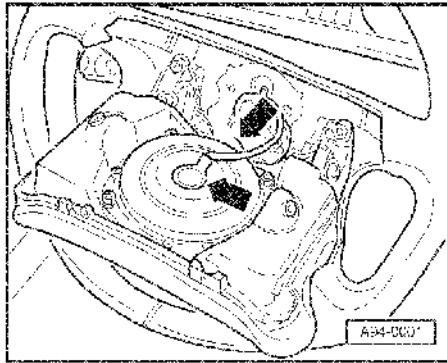
Important

Observe safety precautions for working on airbag => Page 69-49

- Unscrew airbag unit from rear on left and right of steering wheel using Torx insert T30. Tightening torque 6 Nm.



69-70

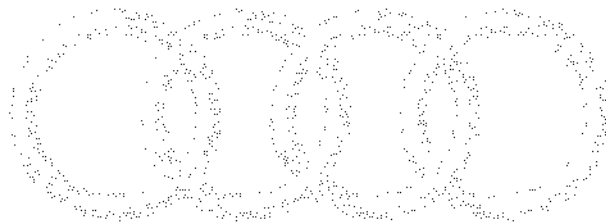


- Carefully fold back airbag unit.
- Unplug airbag unit connector.
- Place airbag unit to one side with impact cushion facing upwards.
- Ensure that the connectors engage fully (i.e. audibly).

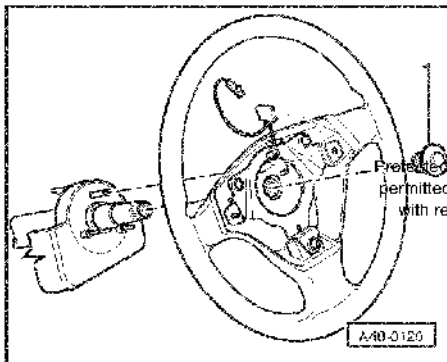
Note:

Ensure there is no-one in the vehicle when connecting battery earth strap/cable.

- Switch on ignition and connect battery earthing strap.



69-71



- ◆ Remove steering wheel:
 - Detach plug from coil connector.
 - Move steering to centre position (wheels in straight ahead position).

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Unscrew bolt 1 and take off steering wheel. Tightening

torque: 75 Nm.

Always replace bolt -1-.

Note:

Ensure that coil connector is not twisted out of centre position.

Notes:

- ◆ After connecting the battery, please ensure that the vehicle accessories (radio, clock, electric window lifters) are checked according to workshop manual and/or operating instructions.
 - ◆ If the fault warning light (K75) for airbag signals a fault after assembly the fault memory must be erased and again be interrogated by using fault reader V.A.G 1551.
- = > Body Self-diagnosis; Repair group 01 = >

69-72

Removing and installing driver's airbag unit MY1998 >

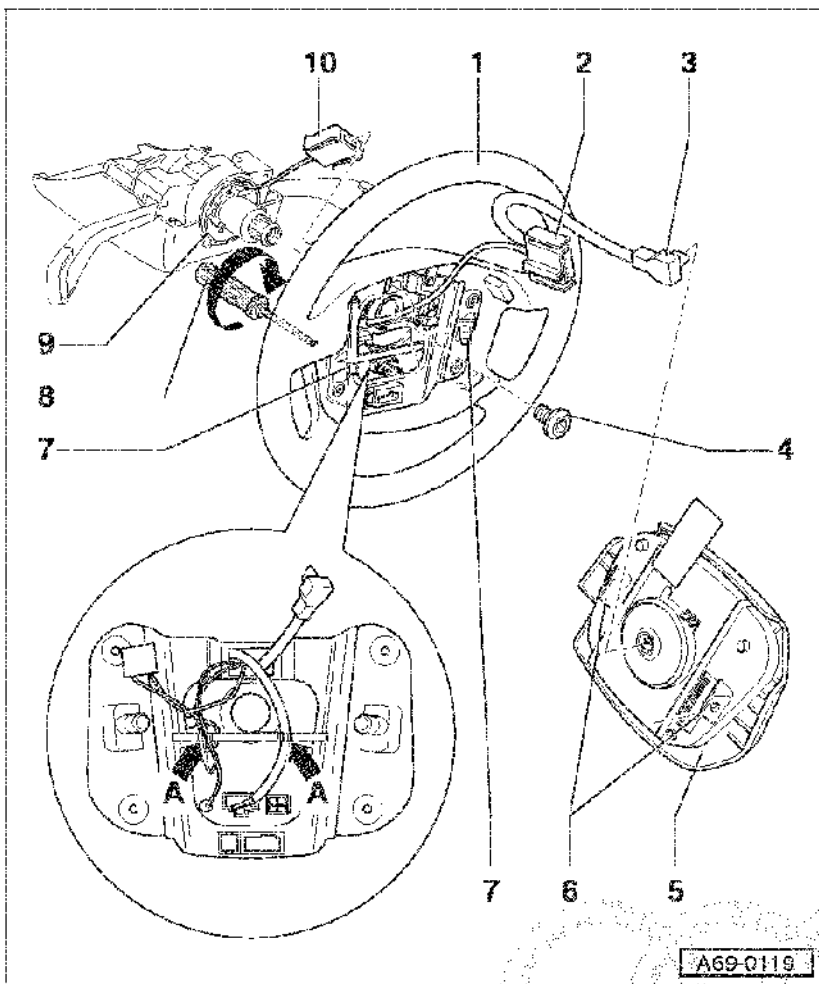
Important

1 – Steering wheel

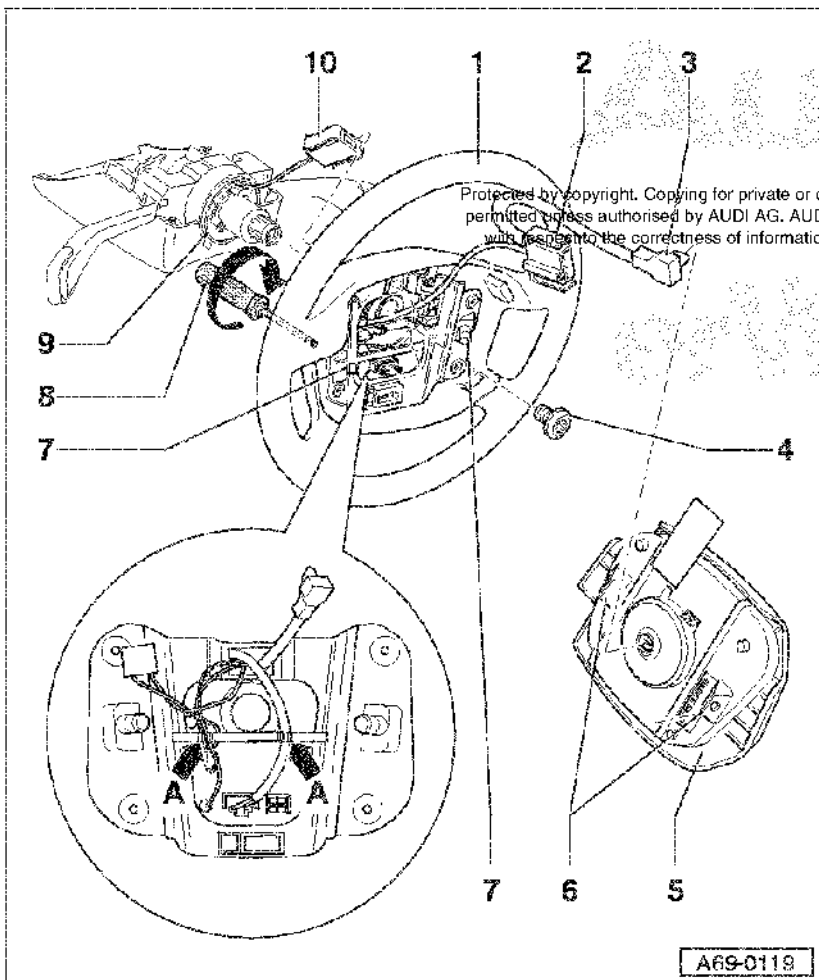
- ◆ Removal => Page 69-78
- ◆ Fasten loose cable at the points marked with -arrow A-

2 – Plug for coil connector

3 – Connector for airbag unit



69-73



4 – Multi-point socket head bolt 50 Nm

- ◆ Must always be replaced
- 4 - Hexagon bolt 75 Nm
- ◆ Must always be replaced

5 – Airbag unit

6 – Threaded bushing

7 – Torx bolts (T30)

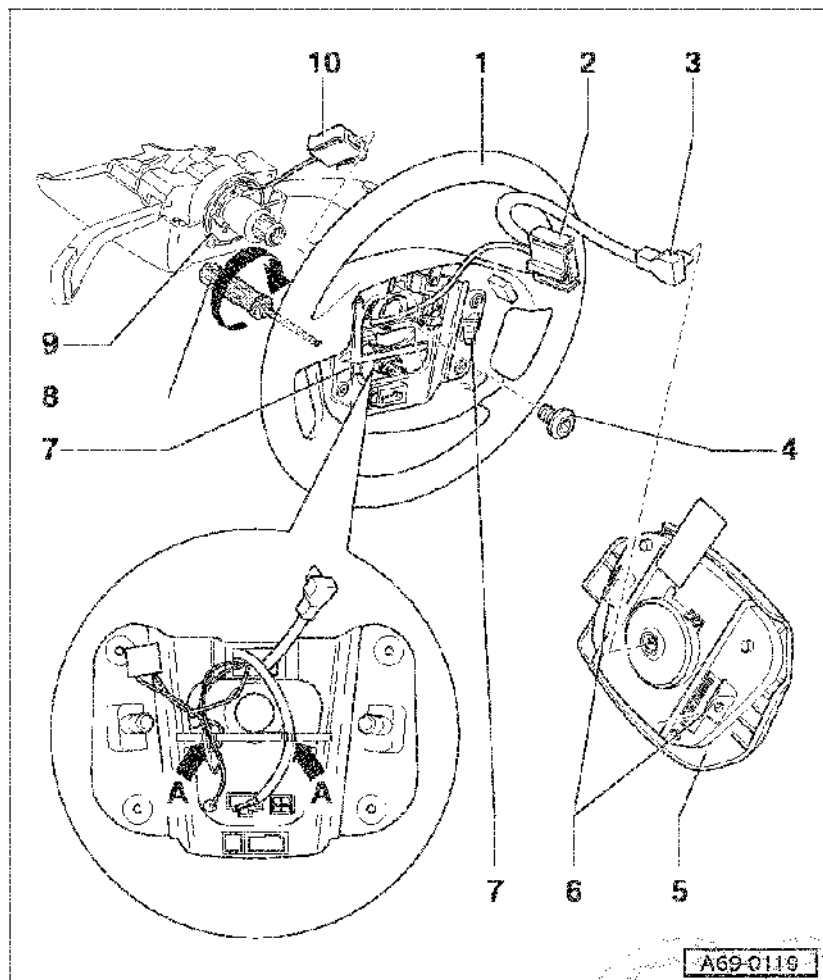
- ◆ 7 Nm

8 – Torx key (T30)

9 – Self-cancelling ring with slip ring

10 – Connector for steering wheel heating

69-74



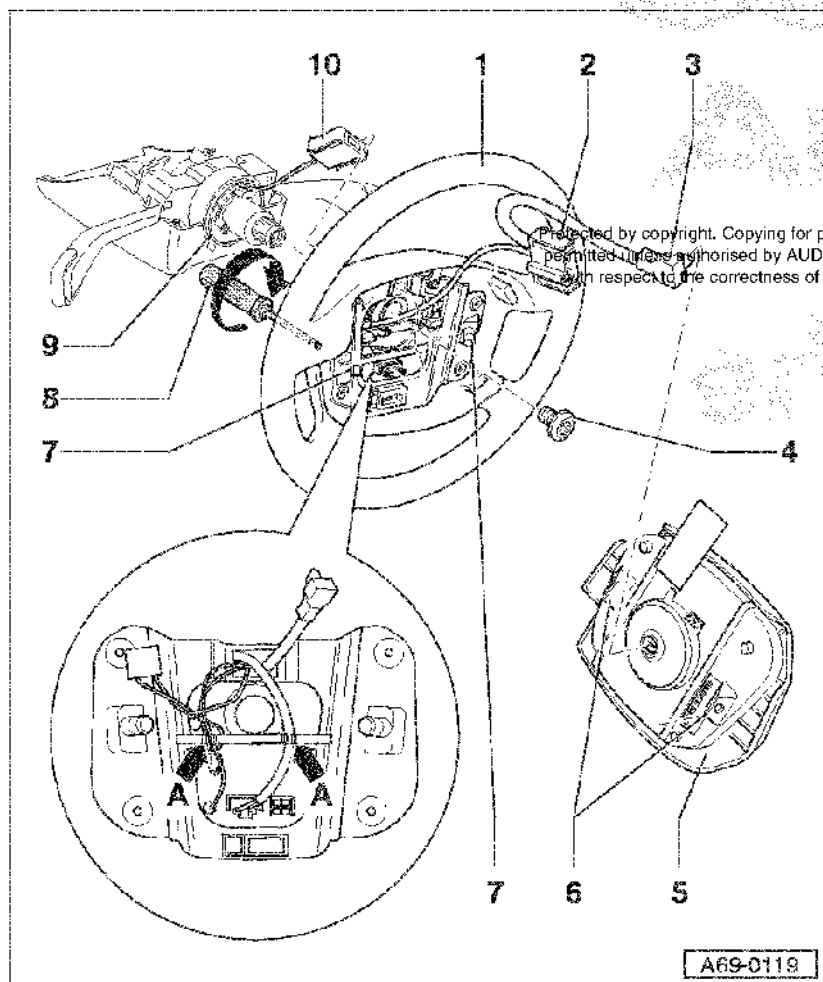
A69-0119

◆ Removing

Important

- Release steering column adjuster.
- Pull steering wheel outwards and upwards as far as possible.
- Move steering wheel to vertical position.
- Unfasten one Torx bolt (T30).
- Turn steering wheel back one 1/2 turn and unfasten second Torx bolt (T30).

69-75



A69-0119

- Unplug connector - 3- from airbag unit.
- Lay airbag unit down with the padded side upwards.

◆ Installing

- Ensure that the connectors and the airbag engage fully (i.e. audibly).

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Ensure that no-one is in the vehicle.

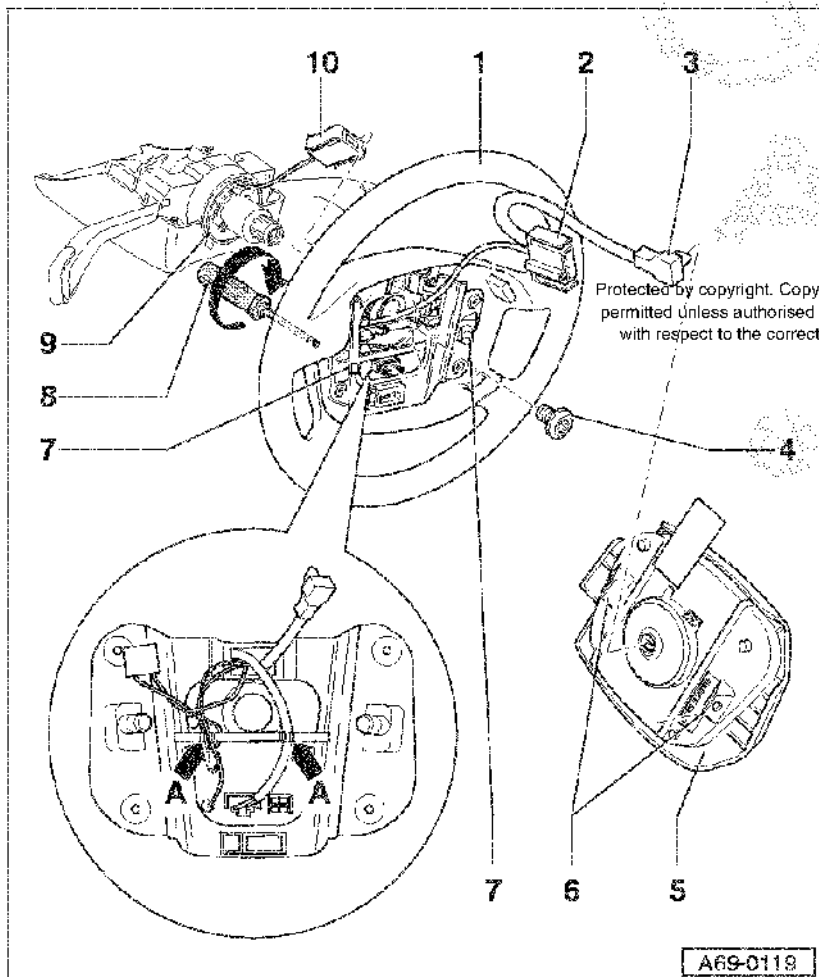
- Switch on ignition and connect battery earthing strap.

69-76

Notes:

- ◆ After connecting the battery, please ensure that the vehicle accessories (radio, clock, electric window lifters) are checked according to workshop manual and/or operating instructions.
 - ◆ If the fault warning light (K75) for airbag signals a fault after assembly the fault memory must be erased and again be interrogated by using fault reader V.A.G 1551.
- = > Body Self-diagnosis; Repair group 01 = >

69-77



Removing and installing steering wheel

◆ Removing

- Remove airbag unit => Page 69-73
- Centre the steering wheel (wheels in straight-ahead position)

- Detach connectors - 2 and 10.

◆ Installing

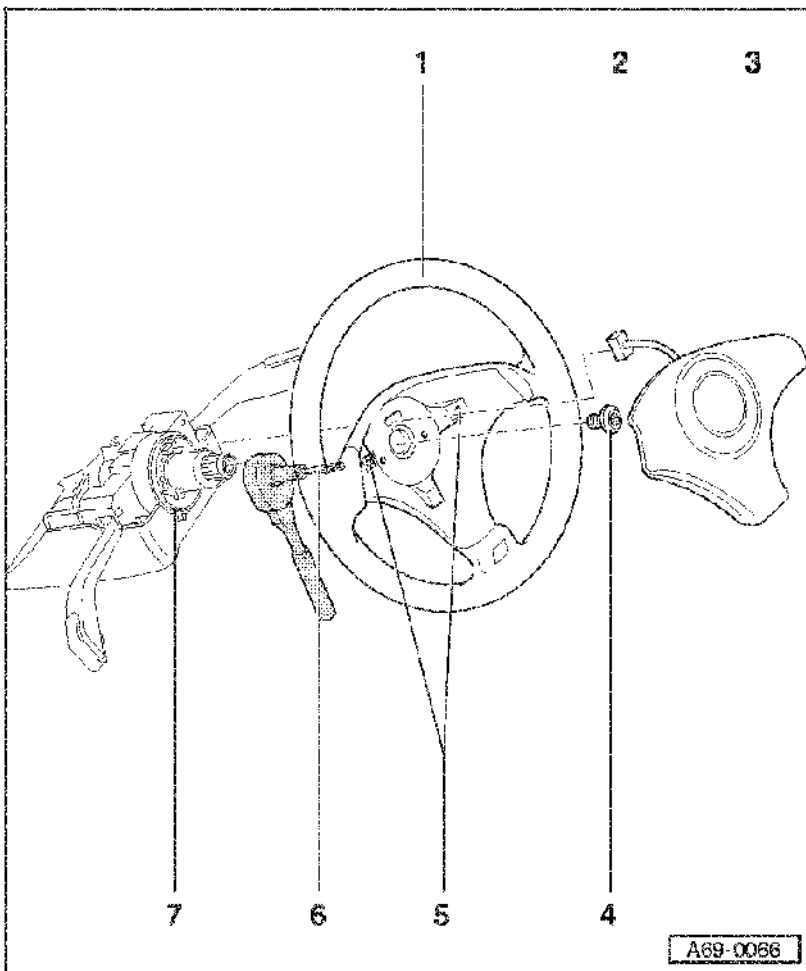
- Attach steering wheel in centre position (wheels straight ahead).
- Ensure that the connectors and the airbag engage fully (i.e. audibly).
- Replace bolt - 4- and tighten to 50 Nm.
- Install airbag unit => Page 69-73

69-78

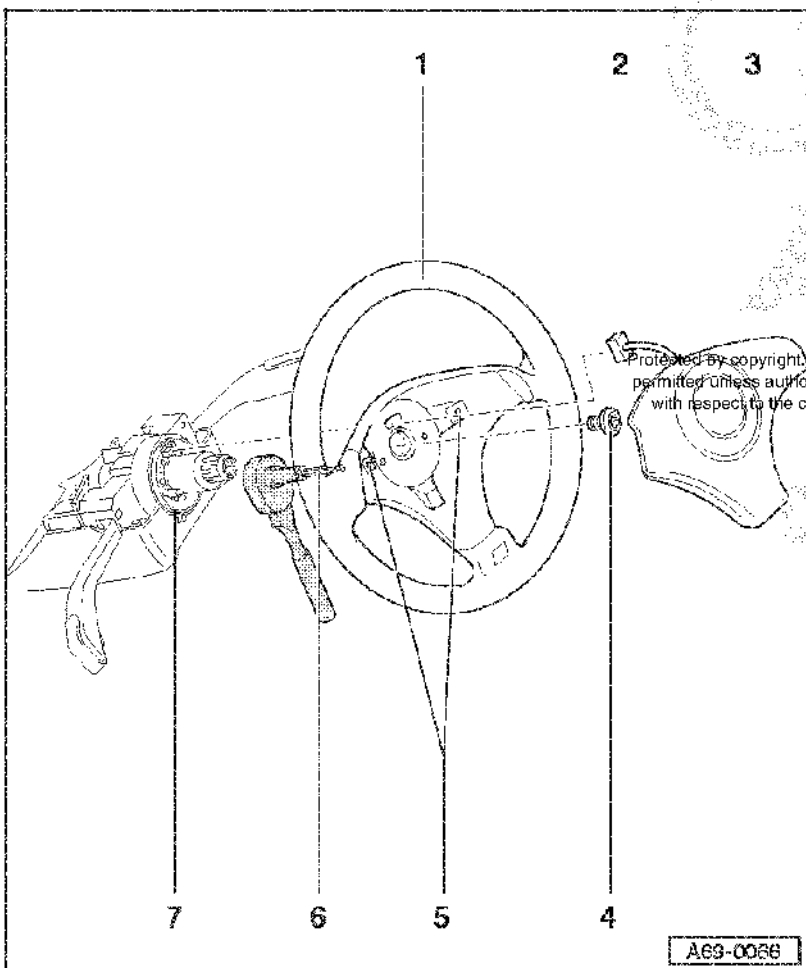
Removing and installing driver's airbag with sports steering wheel MY 1998 >

Important

- 1 - Steering wheel
 - ◆ Removing => Page 69-83
- 2 - Plug for coil connector
- 3 - Airbag unit
- 4 - Multi-point socket head bolt 50 Nm
 - ◆ Must always be replaced
- 5 - Hexagon bolt 75 Nm
 - ◆ Must always be replaced



69-79



- 5 - Torx bolts (T30)
 - ◆ 7 Nm

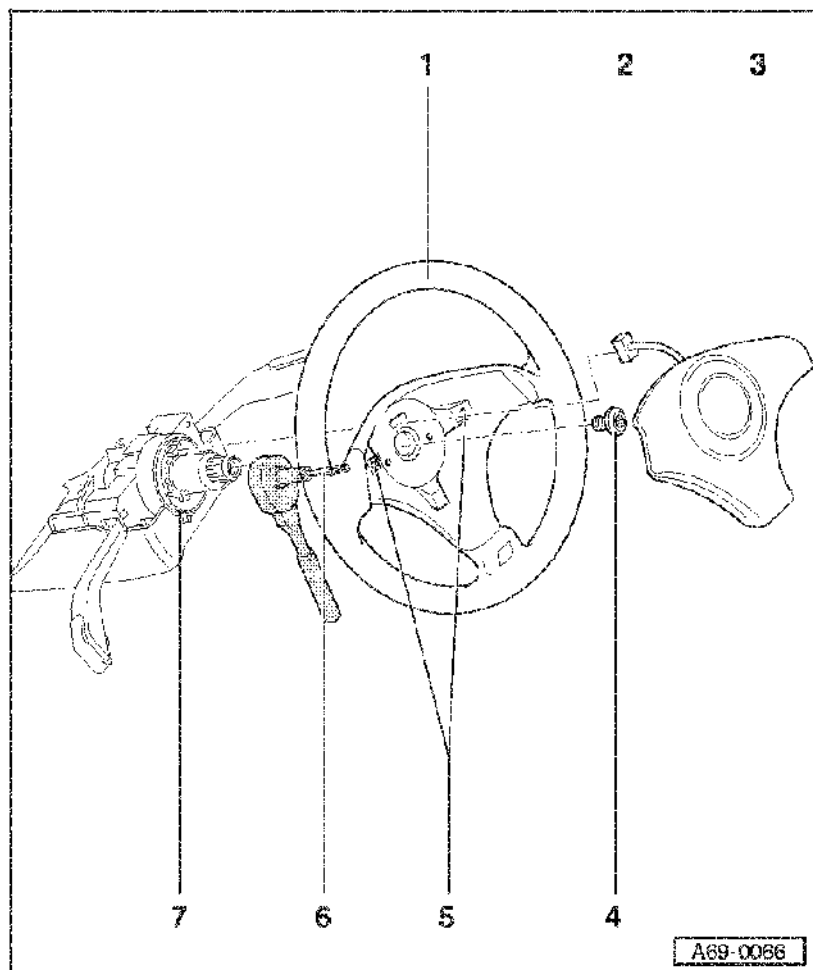
- 6 - Torx key (T30)

- 7 - Self-cancelling ring with slip ring
 - ◆ Removing

Important

- Unplug connector - 2 -.
- Lay airbag unit down with the padded side upwards.

69-80



◆ Installing

- Ensure that connector - 2- engages audibly.
- Bolt on the airbag unit (7 Nm).

WARNING!

Ensure that no-one is in the vehicle.

- Switch on ignition and connect battery earthing strap.

69-81

Notes:

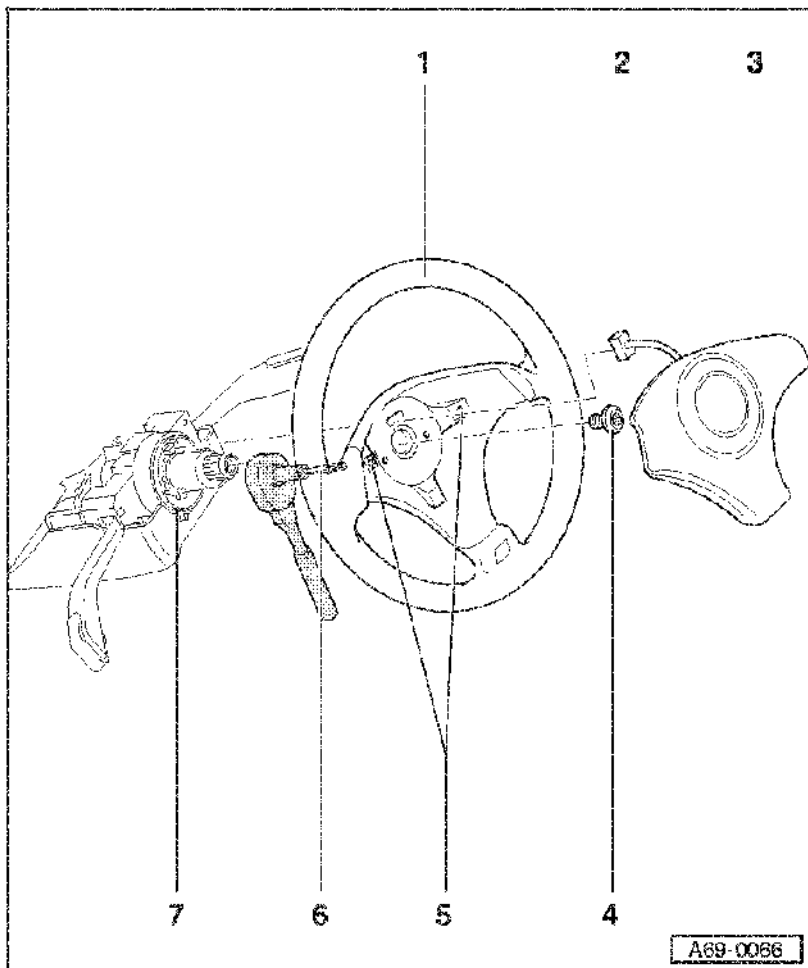
- ◆ After connecting the battery, please ensure that the vehicle accessories (radio, clock, electric window lifters) are checked according to workshop manual and/or operating instructions.
 - ◆ If the fault warning light (K75) for airbag signals a fault after assembly the fault memory must be erased and again be interrogated by using fault reader V.A.G. 1551.
- = > Body Self-diagnosis; Repair group 01 = >



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69-82



Removing and installing sports steering wheel

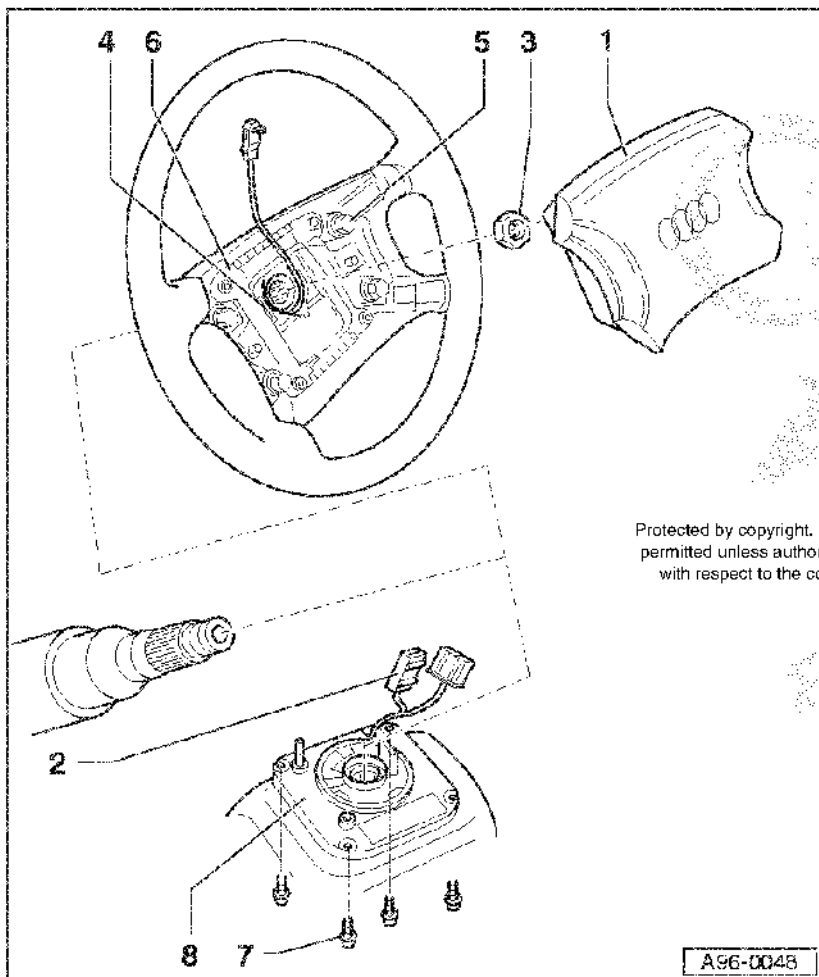
◆ Removing

- Remove airbag unit => Page 69-79
- Centre the steering wheel (wheels in straight-ahead position).
- Unscrew bolt - 4-.

◆ Installing

- Attach steering wheel in centre position (wheels straight ahead).
- Replace bolt - 4- and tighten to 50 Nm.
- Install airbag unit => Page 69-79

69-83



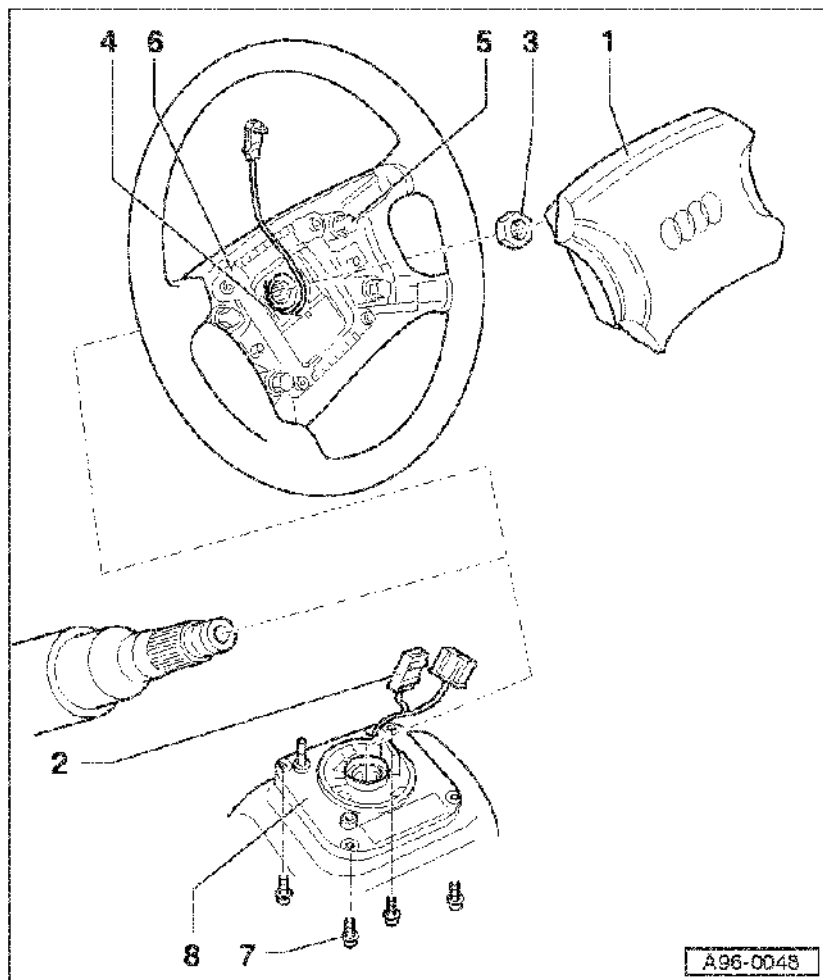
Removing and installing self-cancelling ring with slip ring ► MY 1998

Important

- Disconnect battery earthing strap/cable.
- Wheels must be facing straight ahead.
- Remove airbag unit => Page 69-79
- Remove steering wheel.
- => Running Gear, FWD and 4WD;
- Repair group 48 =>

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69-84



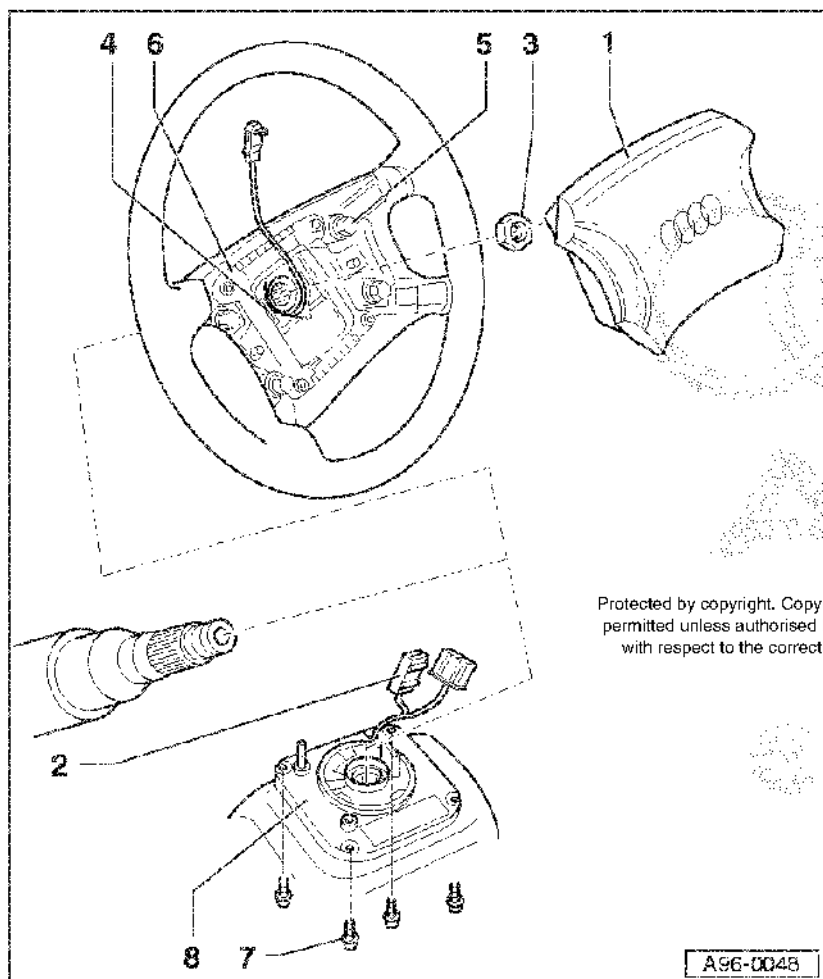
- Unscrew bolts -5- (4x) of functional unit -6-.
- Unscrew bolts -7- (4x) of coil connector -8-.

Important

Steering wheel and coil connector must only be removed with wheels facing straight ahead. The coil connector must not be twisted after removal.

- ◆ Should it nevertheless inadvertently be turned centre position is to be determined prior to installation.
- ◆ In centre position it must be possible to turn coil connector approx. 3 1/2 turns to either side.

69-85



- 1 – Airbag unit
- 2 – Connector for airbag and horn
- 3 – Securing bolt for steering wheel
- 4 – Connector for horn.
- 5 – Bolts (4x)
- 6 – Functional unit
- 7 – Bolts (4x)
- 8 – Coil connector

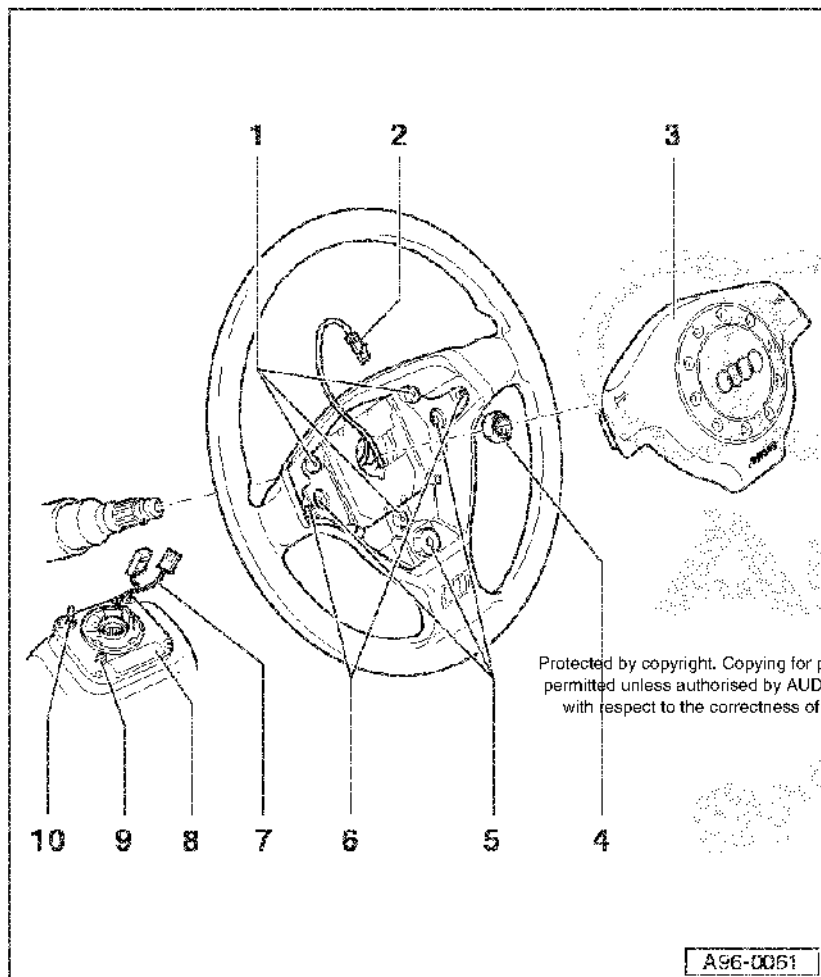
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69-86

Notes:

- ◆ After connecting the battery, please ensure that the vehicle accessories (radio, clock, electric window lifters) are checked according to workshop manual and/or operating instructions.
 - ◆ If the fault warning light (K 75) for airbag signals a fault after assembly the fault memory must be erased and again be interrogated by using fault reader V.A.G 1551.
- = > Body Self-diagnosis; Repair group 01 = >

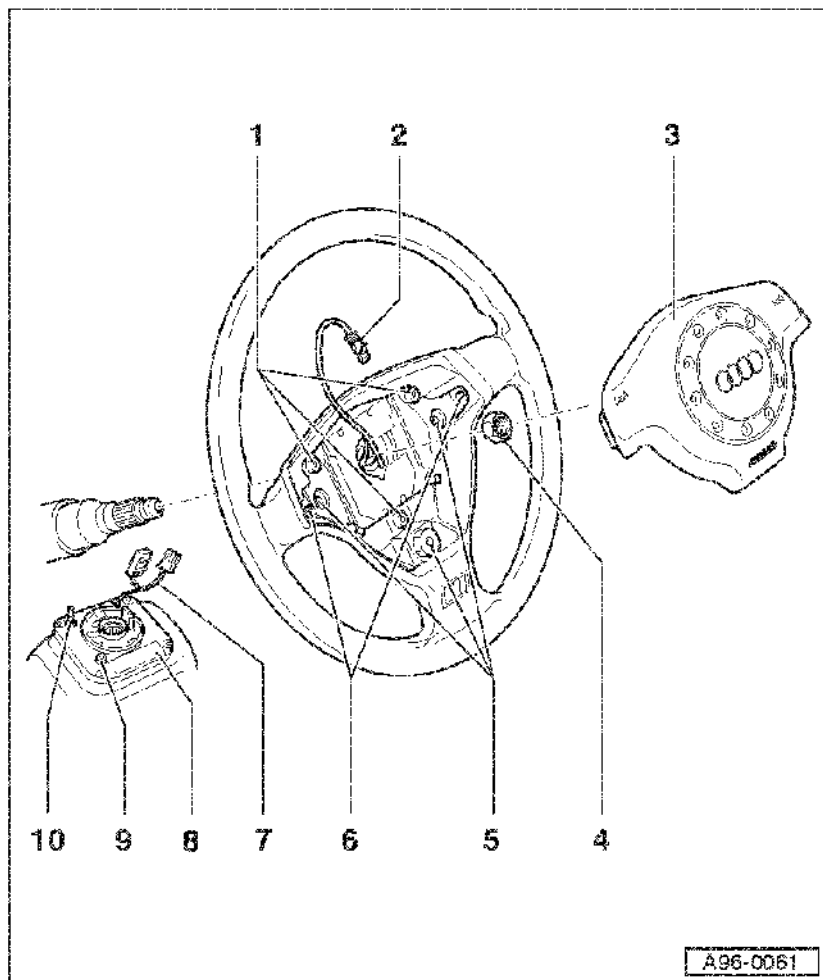
69-87



Removing and installing self-cancelling ring with slip ring from sports steering wheel
► MY 1998

- ◆ Wheels must be facing straight ahead.
- ◆ To remove coil connector, start by taking out airbag unit and steering wheel.
 - Unscrew bolts -1- (3x).
 - Tightening torque 5 Nm.
 - Remove functional unit. Detach connectors.
 - Unscrew bolts -5- (3x).
 - Tightening torque 5 Nm.
 - Detach bottom part of functional unit.

69-88

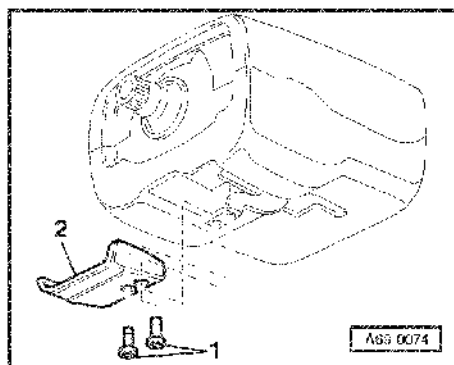


- Detach connectors.
- Unfasten bolts securing coil connector.
- Detach coil connector to rear.
- ◆ The coil connector must not be twisted after removal.

A96-0061

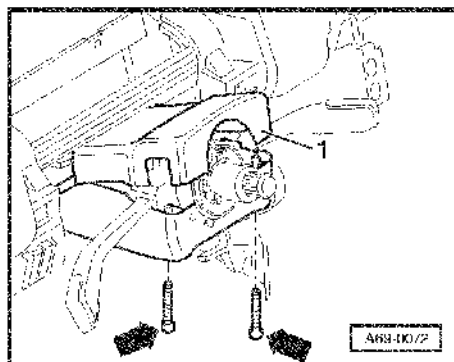
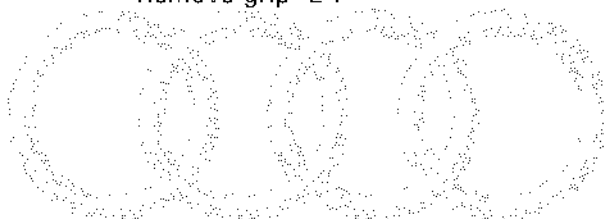
69-89

Removing and installing self-cancelling ring with slip ring



Driver airbag unit and steering wheel removed.

- Pull steering column out and tilt downwards as far as possible.
- Unscrew bolt -1- (2x), tightening torque 2.8 Nm.
- Remove grip -2-.



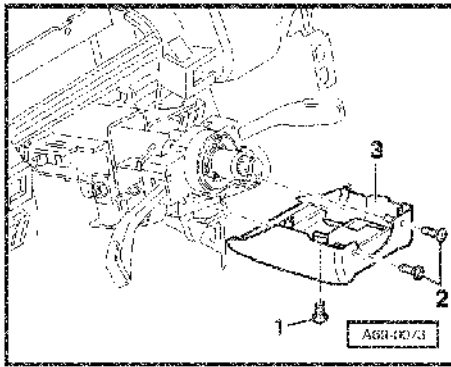
- Remove two cross head screws -arrows-.
- Tightening torque 0.6 Nm.
- Remove upper trim panel for steering column switch - 1-.

When installing, insert upper shell into hooks of lower shell, tilt downwards and screw in place.

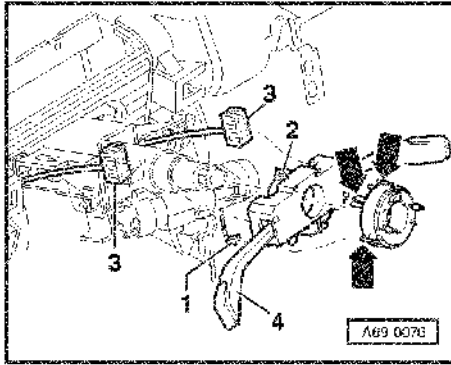
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69-90



- ◀ – Remove screws -2- (2x). Tightening torque 0.6 Nm
- Remove hexagon socket head bolt -1-.
- Tightening torque 0.6 Nm.
- Remove lower trim for steering column switch -3-.



- ◀ – Detach connector -1-.
- Release locking tabs -arrows- and pull self-cancelling ring with slip ring off steering column switch.

69-91

Notes:

- ◆ The steering must be in the centre position (wheels in straight-ahead position) when the self-cancelling ring with slip ring is removed and installed.
- ◆ Self-cancelling ring with slip ring is secured as a new part in the centre position with a cable tie or tear ring.
- ◆ The ESP sensor must be adjusted in vehicles with ESP sensor in self-cancelling ring with slip ring.

See guided fault-finding, running gear, brake system MK 60, 01 systems with self-diagnosis capability_Mark 60, anti-lock brake system_ABS_EDL_TCS_ESP, calibration of sensors and senders, SYS45_basic setting_ steering angle sensor.

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69-92

Passenger's airbag

Removing and installing passenger's airbag

Important

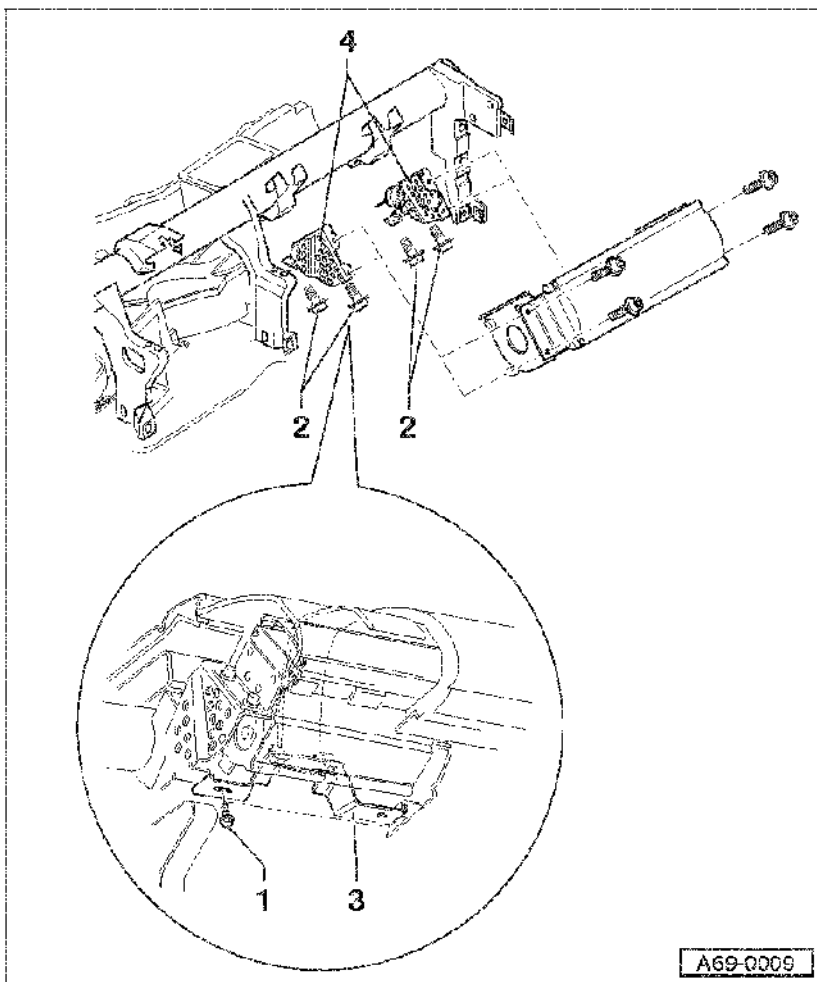
◆ Removing

- Disconnect battery/earthing strap/cable
- Remove glove compartment
=> Page 68-1

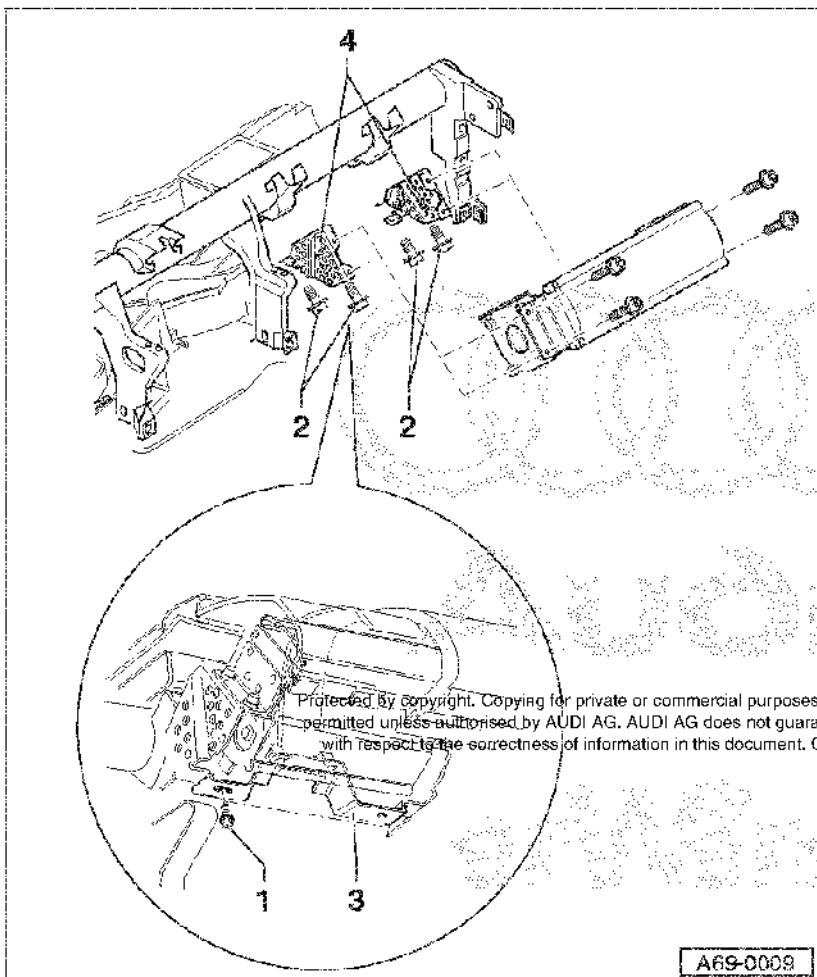
Note:

For greater clarity, the magnified view shows the unit from beneath in its installed condition.

- Unscrew bolts -1- (2x) at bracket -3- behind passenger's airbag.



69-93



- Remove clip => Fig. 1
- Only disconnect wiring at tunnel connector (yellow).

Important

Never detach connector (2-pin, red) at passenger airbag unit!

- Unscrew bolts -2- (4x)
- Place airbag aside with padded side facing upwards.

1 - Bolt
- Tightening torque 12 Nm

2 - Bolt
- Tightening torque 12 Nm

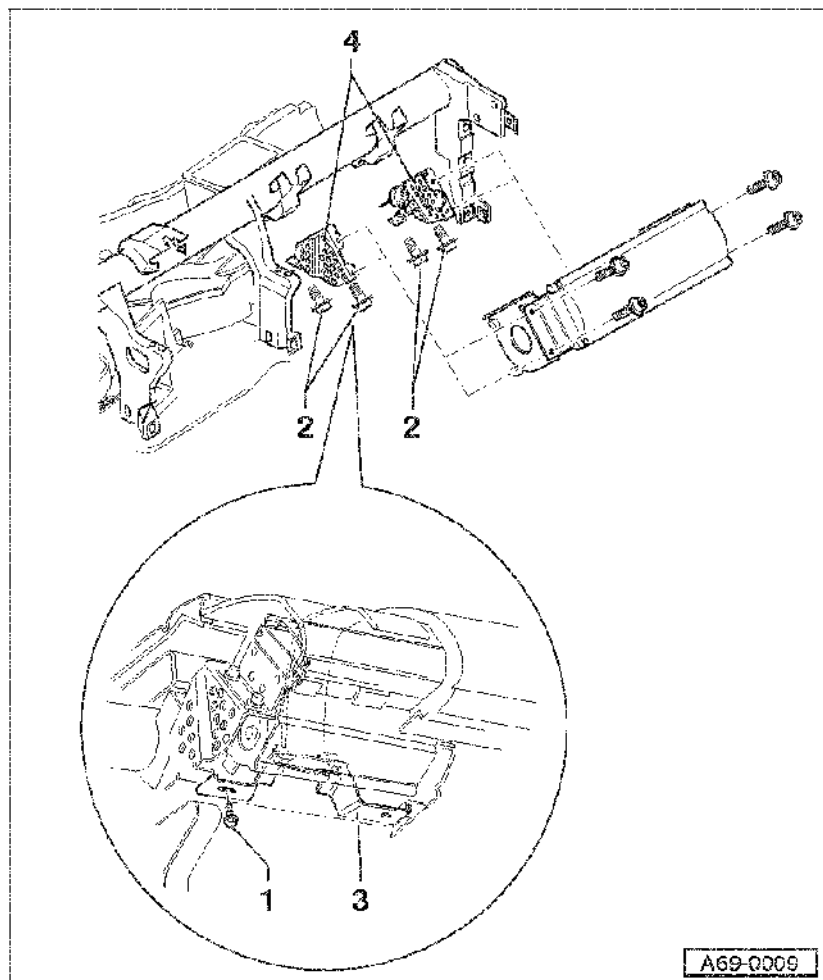
3 - Bracket

4 - Airbag bracket

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A69-0009

69-94



Note:

The bolts are treated with microencapsulated adhesive and should therefore always be replaced.

Before fitting, recut the thread on the threaded insert

◆ Installing

Note:

Note guide lug (installation aid) when installing.

- Switch ignition on.
- Close doors.

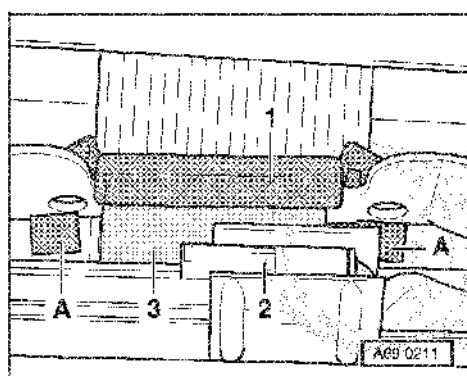
Important

There must be no-one in the vehicle when the battery is being connected.

- Connect battery earthing strap.

69-95

Fig.1 Removing and installing clip on passenger airbag bracket.



- Detach clip -1- from retaining band -3- by pushing forwards.
- Detach bracket -1- at lug -A-.
- 2 - Airbag tunnel connector

Notes:

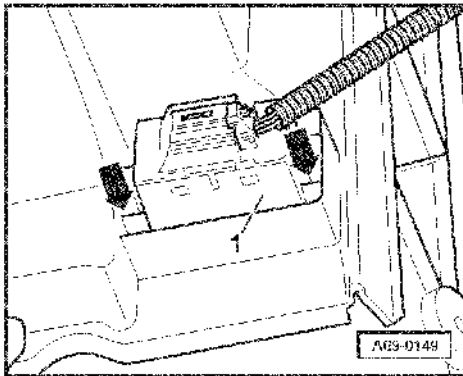
- ◆ After connecting the battery, please ensure that the vehicle accessories (radio, clock, electric window lifters) are checked according to workshop manual and/or operating instructions.
- ◆ If the fault warning light (K75) for airbag signals a fault after assembly the fault memory must be erased and again be interrogated by using fault reader V.A.G 1551.

= > Body Self-diagnosis; Repair group 01 = >

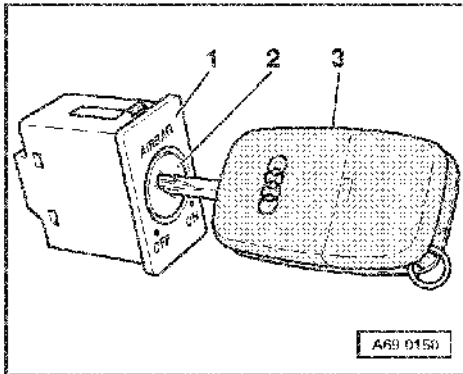
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69-96

Removing and installing key switch for passenger air-bag



- Remove glove compartment => Page 68-1
- Use screwdriver to press fasteners (arrows).
- Press out key switch for passenger's airbag -1- towards front.



- Insert key -3- into lock -2-.
- Destroy key switch -1- with key -3- inserted.
- Break out lock -2-.
- Press lock -2- with key -3- inserted into the new key switch -1- until lock -2- engages.

69-97

Notes:

- ◆ After connecting the battery, please ensure that the vehicle accessories (radio, clock, electric window lifters) are checked according to workshop manual and/or operating instructions.
- ◆ If the fault warning light (K75) for airbag signals a fault after assembly the fault memory must be erased and again be interrogated by using fault reader V.A.G 1551.
=> Body Self-diagnosis; Repair group 01 =>

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69-98

Side airbag

Removing and installing side airbag

Important =>

♦ Removing

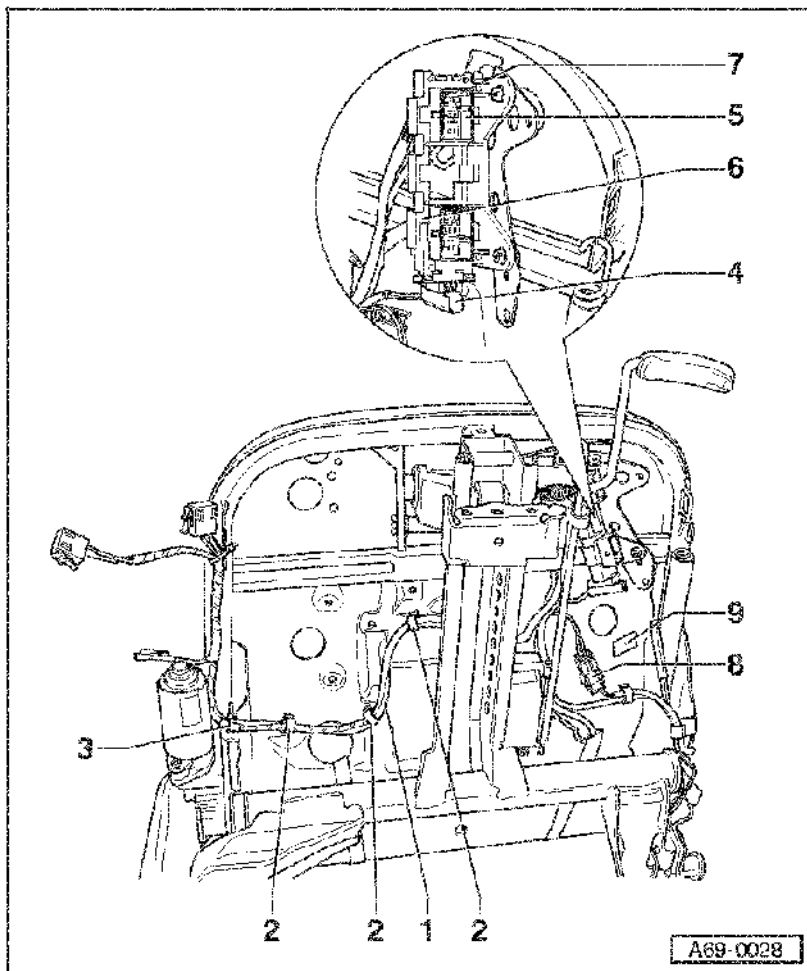
- Disconnect battery/earthing strap/cable
- Remove seat for

3-door vehicles up to 01.1999
=>Page 72-7

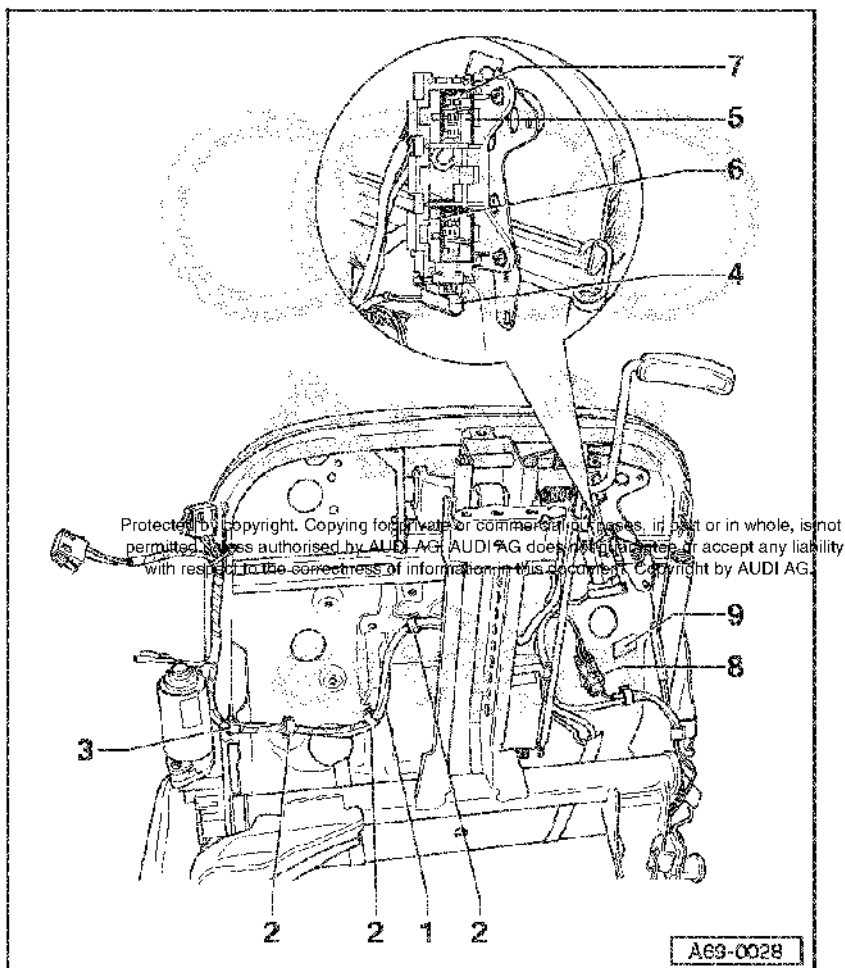
3-door vehicles as of
01.1999 =>Page 72-11

5-door vehicles =>Page 72-42

- Remove outside fitting panels and outside seat side covers
=>Page 72-20

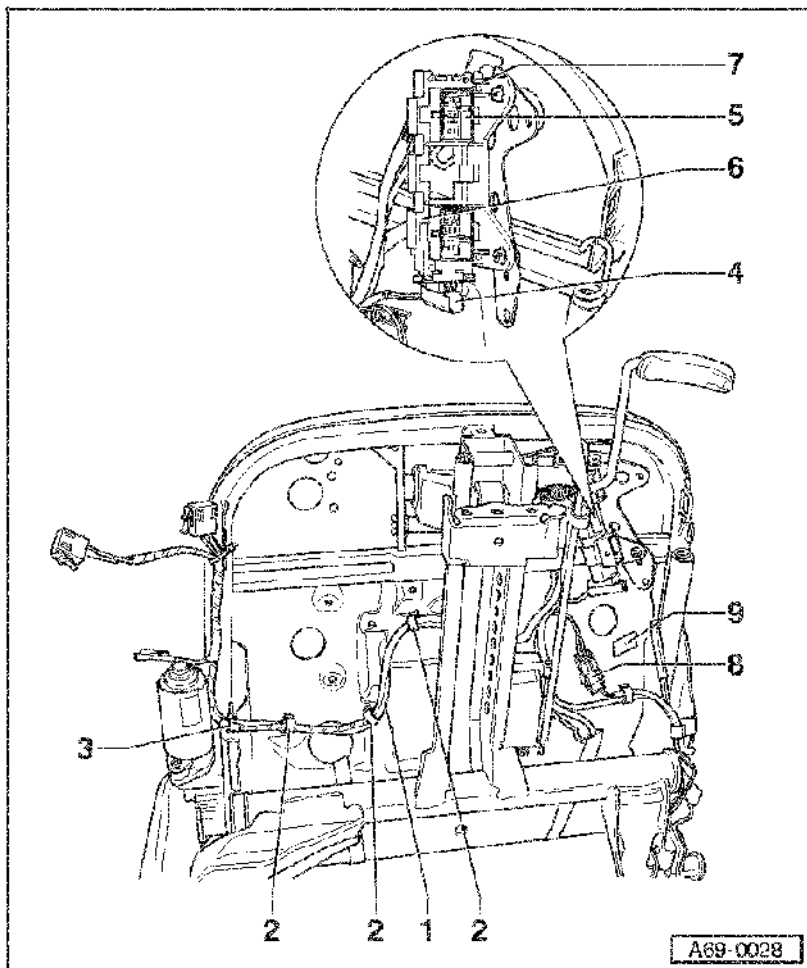


69-99



- Remove connector -5-.
- Detach earth cable from contact 4 of connector -5- using force as appropriate.
- Unclip connector for side airbag -4- by pressing the lug at the plug terminal -6-.
- Disconnect the intermediate plug -8- for the backrest heating.
- Unclip clips -2- (3x).
- Cut through cable tie -3-.
- Disconnect cable for side airbag from outside of seat => Fig. 1
- Remove side airbag unit
=>Page 69-105

69-100



Important

In order to guarantee the function of the side airbag the new upholstery clips must be inserted at the same place as before their removal, when working on the backrest cover.

Only covers that have been approved for use with the side airbag must be used.

♦ Installing

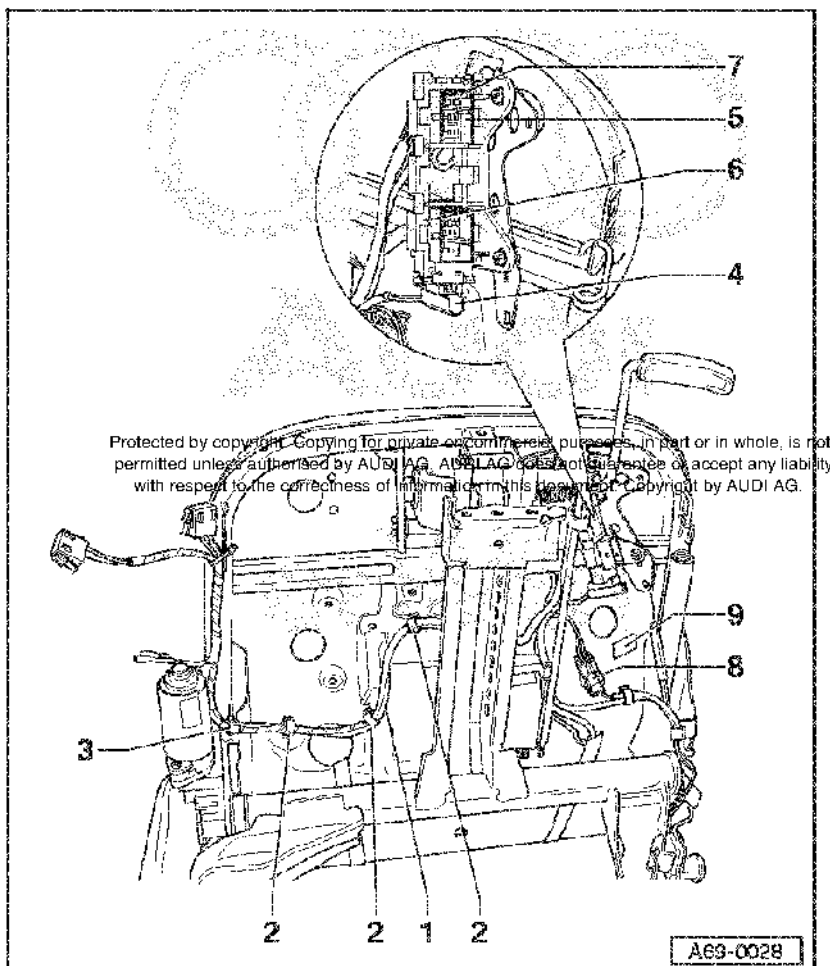
- Clip plug -5- back into the old position and ensure that the bridge -7- is on top.
- Switch ignition on.
- Close doors.

Important

There must be no-one in the vehicle when the battery is being connected.

- Connect battery earthing strap.

— 69-101 —



1 – Cable for side airbag

2 – Clips

3 – Cable tie

4 – Connector for side airbag

5 – Connector for sensor mat

6 – Plug terminal

7 – Bridge of connector

8 – Intermediate plug for backrest heater

9 – Sticker for airbag number

— 69-102 —

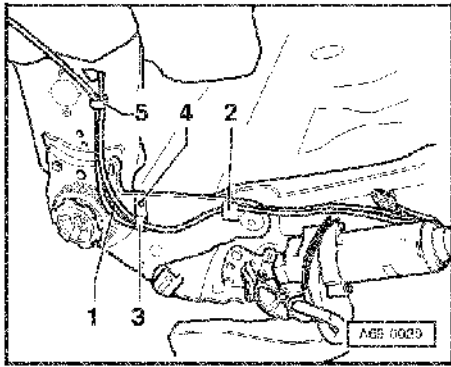


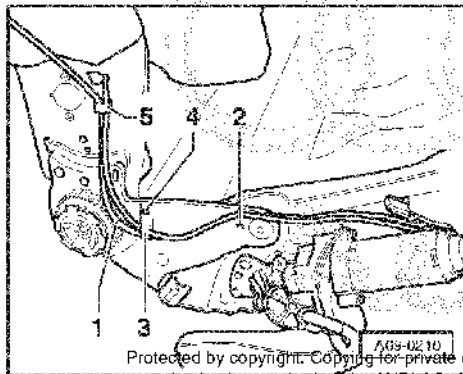
Fig.1 Cable routing at the outside of the seat

Routing cable with securing clip

- Detach clip -2-.
- Remove bolt -4- (1x).
- Remove bracket -3-.
- Remove cover for backrest => Page 74-3
- Unfasten clips -5- (1x).

Important

On installation of the side airbag cable -1- ensure that it cannot be chafed by any moving components.



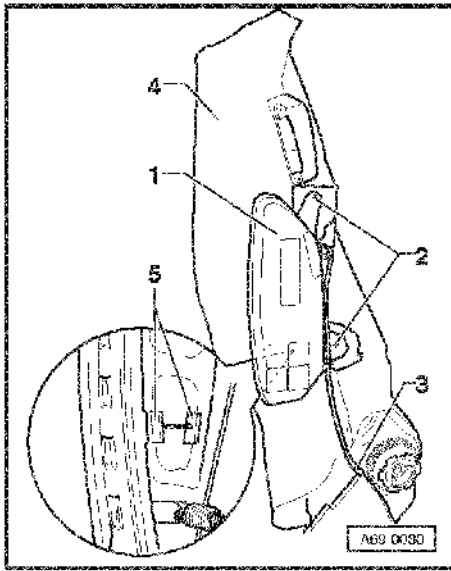
Routing cable without securing clip

- Unscrew bolt -4- (1x).
- Remove bracket -3-.
- Remove cover for backrest => Page 74-3
- Unfasten clips -5- (1x).
- When installing, lay airbag cable over bore -2-.

Important

On installation of the side airbag cable -1- ensure that it cannot be chafed by any moving components.

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Removing and installing side airbag unit

◆ Removing:

- Remove screws -2- (2x).

Important

Do not reuse bolts -2-. Replace steel bolts with bolts M5 and with nuts that were included in delivery.

Drill fixing holes to 5.5 mm.

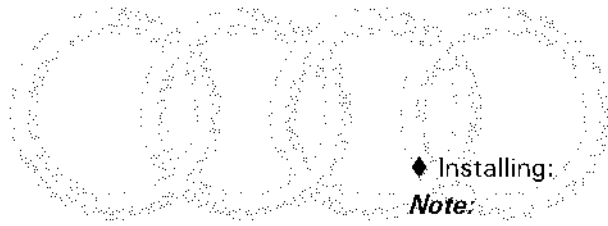
Tightening torque 5.5 Nm.

Note:

Illustration section is shown without anti-squeak fleece for better illustration.

- Carefully unclip side airbag -1- at holding bracket -5-.
- Remove side airbag -1-.
- Put down airbag unit in such a way that padding faces upwards.

69-105



◆ Installing:

Note:

Do not cut the anti-squeak fleece -4- in area of holding bracket -5-.

- Drill fixing holes to 5.5 mm.
- Clip side airbag -1- in with anti-squeak fleece.
- Install bolts -2- lift up anti-squeak fleece -4- attach nuts and tighten with 5.5 Nm.

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Detach expiry date sticker from airbag unit and stick over the old sticker on the passenger door.

– Detach sticker for airbag number from the airbag unit and stick onto old sticker on the seat pan (= > Page 69-99, Item 9).

69-106

Notes:

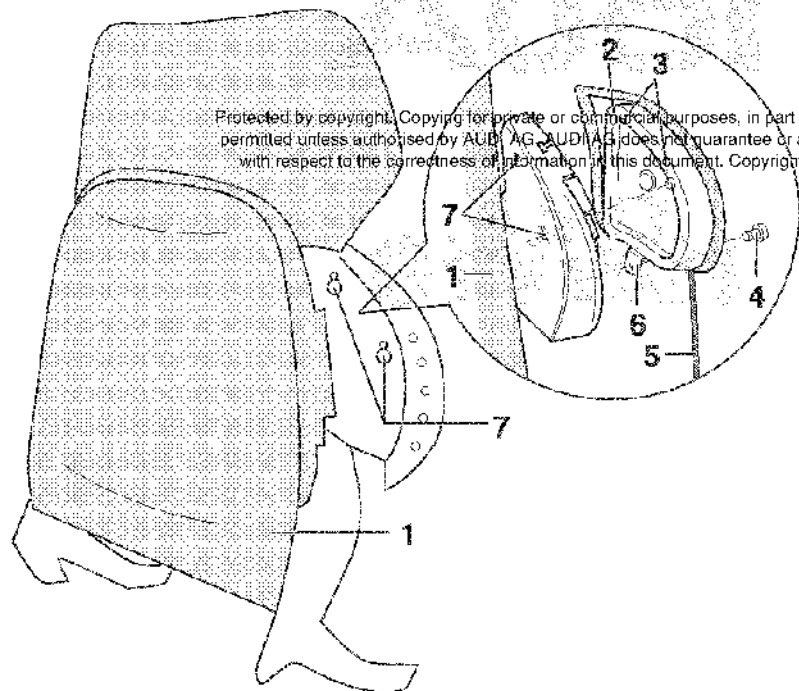
- ◆ After connecting the battery, please ensure that the vehicle accessories (radio, clock, electric window lifters) are checked according to workshop manual and/or operating instructions.
 - ◆ If the fault warning light (K 75) for airbag signals a fault after assembly the fault memory must be erased and again be interrogated by using fault reader V.A.G 1551.
- = > Body Self-diagnosis; Repair group 01 = >

69-107

Removing and installing side airbag for Recaro seat

Important = >

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A69-0126

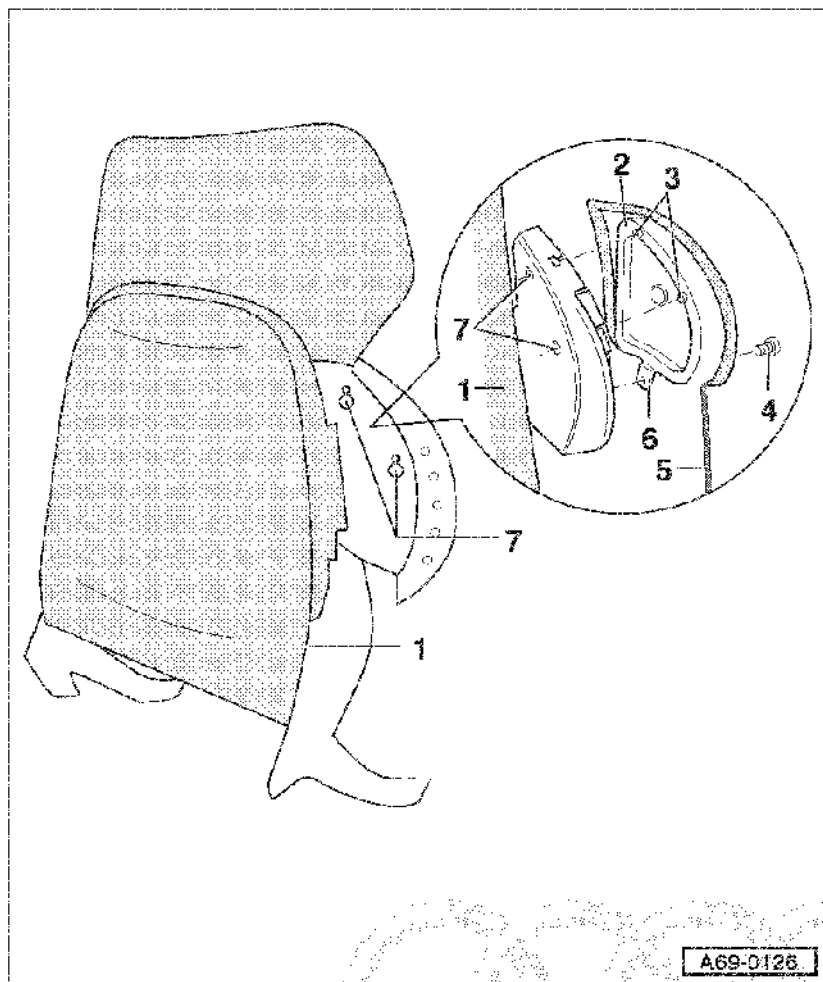
1 – Backrest

2 – Side airbag module

◆ Removing

- Remove seat => Page 72-116
- Remove fitting panel => Page 72-147
- Detach yellow plug of airbag cable underneath seat.
- Detach black plug of airbag earthing cable underneath the seat.

69-108



- Loosen bolt -4- of retaining tab -6- at bottom of side airbag module -2-.
- Press side airbag module -2- downward.
- Pull side airbag module -2- carefully towards outside.

♦ Installing

Important

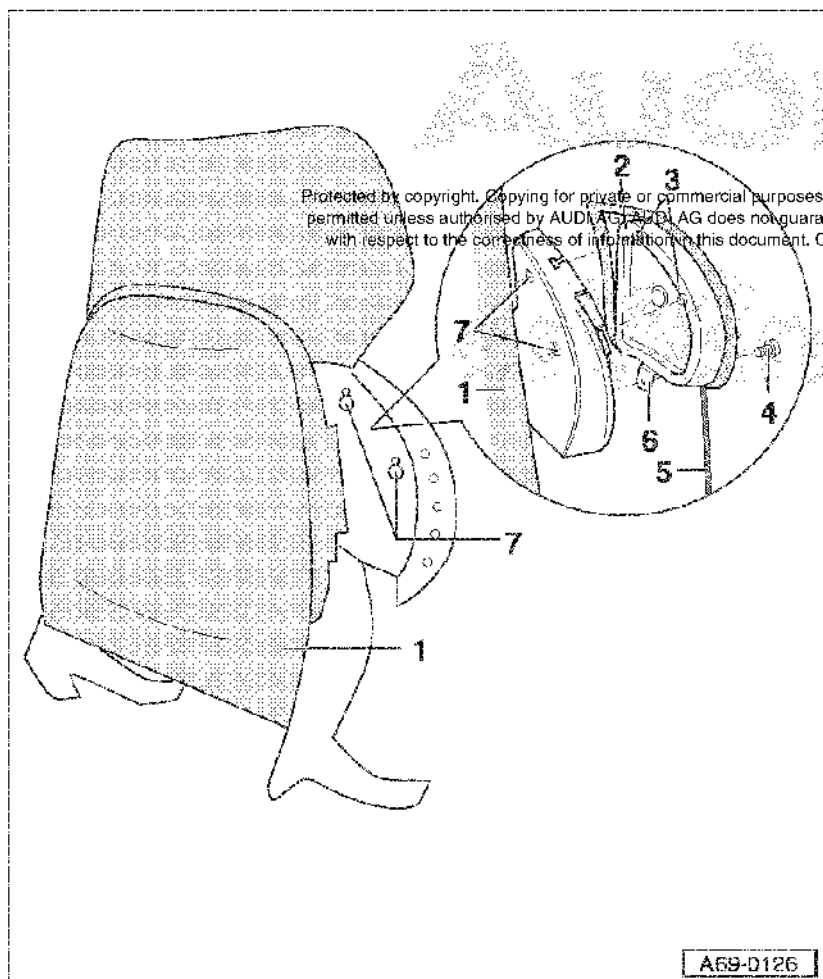
Ensure that there is no-one in the vehicle.

Note:

Always replace bolt - 4-.

- Mount side airbag module - 2- in such a way that the locking pins - 3- sit in the engaging holes - 7-.
- Push side airbag module up as far as possible.

69-109



- Tighten the new bolt -4- at side airbag module with a tightening torque of 10 Nm.
- Route airbag cable -5-..
- Connect yellow plug of airbag cable and black plug of airbag earthing cable underneath the seat.
- Reattach fitting panel.

3 – Locking pins

4 – Bolt

- Tightening torque 10 Nm

5 – Airbag cable

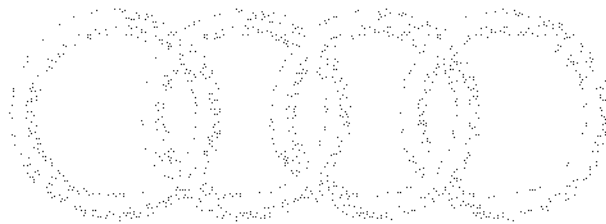
6 – Fastener

7 – Engaging holes

69-110

Notes:

- ◆ After connecting the battery, please ensure that the vehicle accessories (radio, clock, electric window lifters) are checked according to workshop manual and/or operating instructions.
 - ◆ If the fault warning light (K 75) for airbag signals a fault after assembly the fault memory must be erased and again be interrogated by using fault reader V.A.G 1551.
- = > Body Self-diagnosis; Repair group 01 = >



69-111

Airbag cable routing for Recaro seat

Airbag cable routing, side

1 - Airbag module

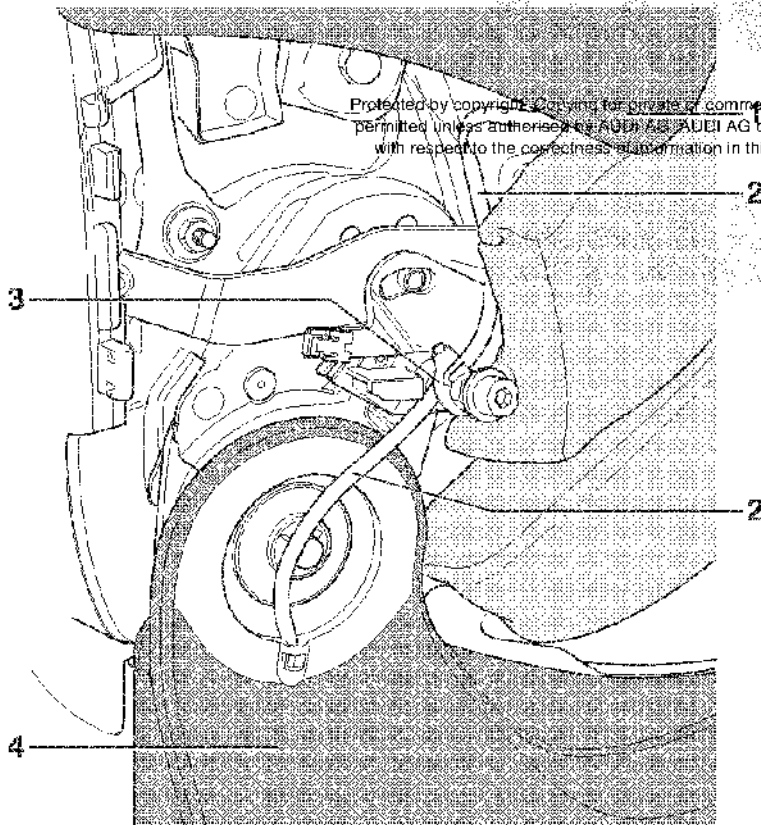
2 - Airbag cable

- ◆ Route airbag cable -2- as a loop in airbag module area -1-.

3 - Cable tie

- ◆ Secure cable at marking with cable tie -3-.

4 - Seat side trim



A72-0269

69-112

Removing and installing sensor for lateral accelerator

Notes:

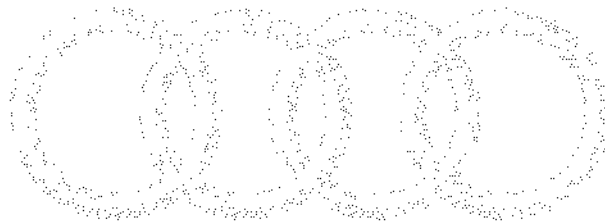
A lateral acceleration sensor is fitted under each of the front seats.

Sensor for lateral acceleration sensor is equal left and right.

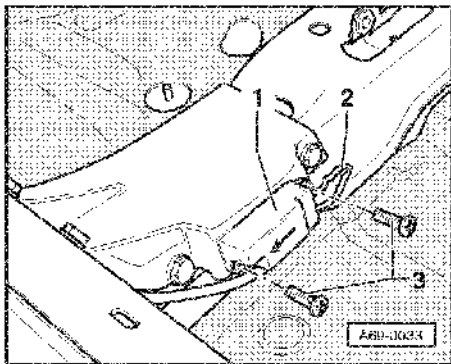
When installing, arrow faces outwards.

◆ Removing:

- Disconnect battery earthing strap/cable.
- Remove seat for
 - 3-door vehicles up to 01.1999 => Page 72-7.
 - 3-door vehicles as of 01.1999 => Page 72-11
 - 5-door vehicles => Page 72-42
- Remove lower A-pillar trim => Page 70-82
- Unclip sill panel trim on inside.
- Pull out floor mat from below B-pillar trim and fold up.



69-113



- Unplug connector -2- for lateral acceleration sensor-1-.
- Unscrew bolts -3- (2x). Tightening torque 6 Nm.
- Remove sensor for lateral acceleration -1-.

◆ Installing:

Switch ignition on.

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Important
There must be no-one in the vehicle when the battery is being connected.

- Close doors.
- Connect battery earthing strap.

69-114

Notes:

- ◆ After connecting the battery, please ensure that the vehicle accessories (radio, clock, electric window lifters) are checked according to workshop manual and/or operating instructions.
 - ◆ If the fault warning light (K 75) for airbag signals a fault after assembly the fault memory must be erased and again be interrogated by using fault reader V.A.G 1551.
- = > Body Self-diagnosis; Repair group 01 = >

69-115

Repairing head airbag

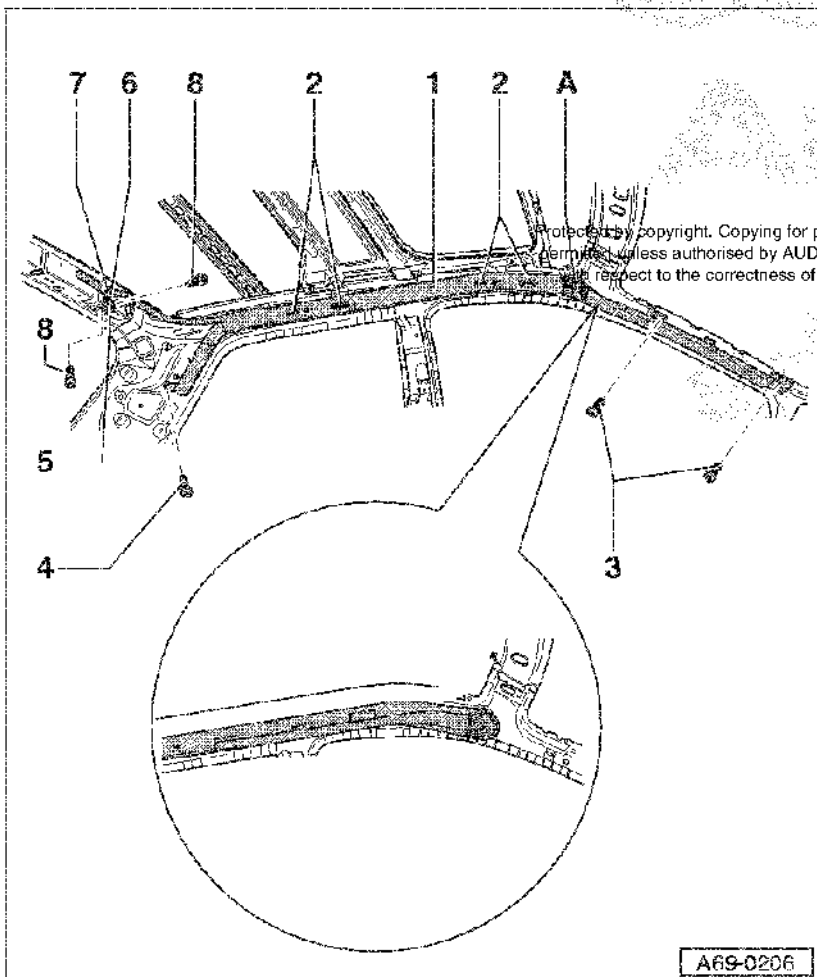
Removing and installing head airbag – 3-door vehicles

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1 – Head airbag

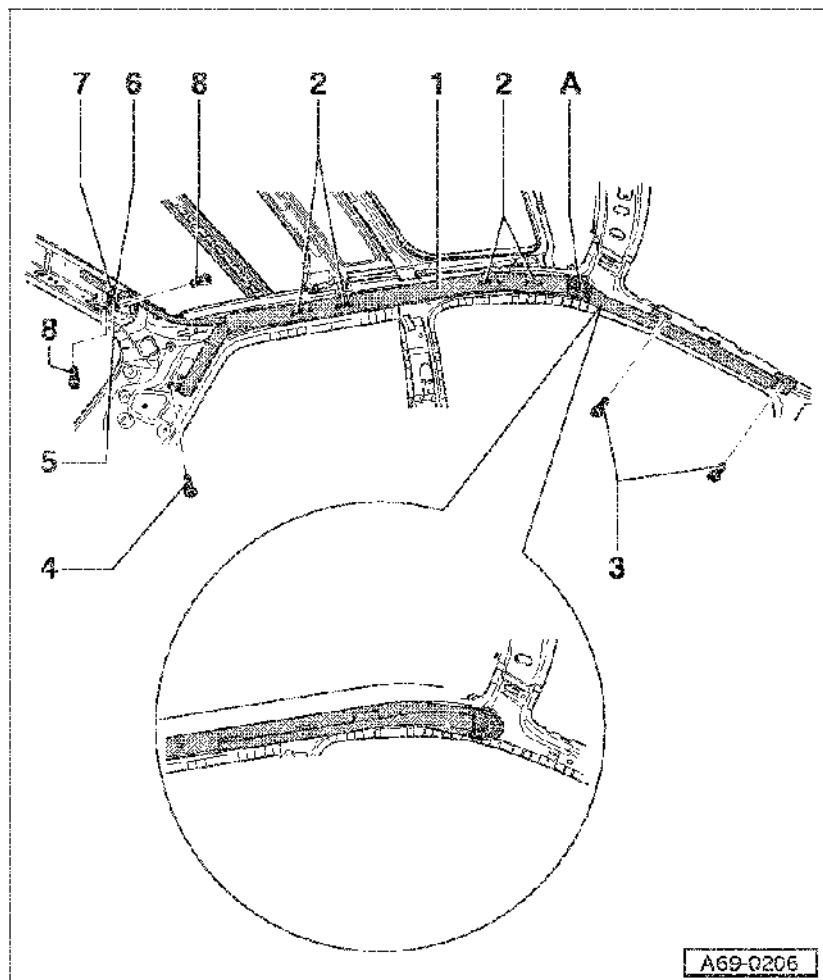
◆ Removing

- Remove upper A-pillar trim
=> Page 70-109
- Remove upper B-pillar trim without removing seat belt
=> Page 70-113
- Remove upper D-pillar trim
=> Page 70-118
- Remove headlining => Page 70-72



A69-0206

69-116

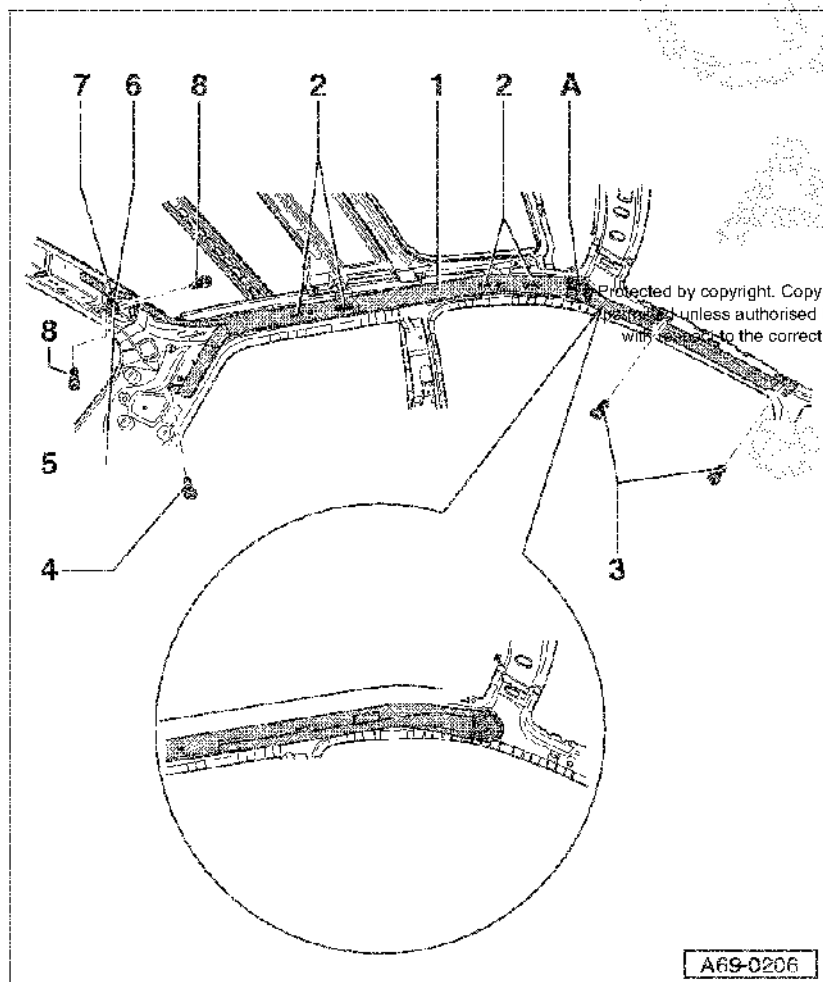


- Remove bolts -3- (2x).
- Fold front part of head airbag backwards and attach to Velcro fastening (magnified view).
- Unplug connector -6- for head airbag at 4-pin connector between gas generator and roof => Fig. 2
- Unscrew bolt-4-.
- Remove bolts -8- (2x).
- Remove gas generator with locating pin -7- => Fig. 4
- Remove head airbag -1- at grab handles -2-.

Important

Always observe installation sequence of head airbag

69-117

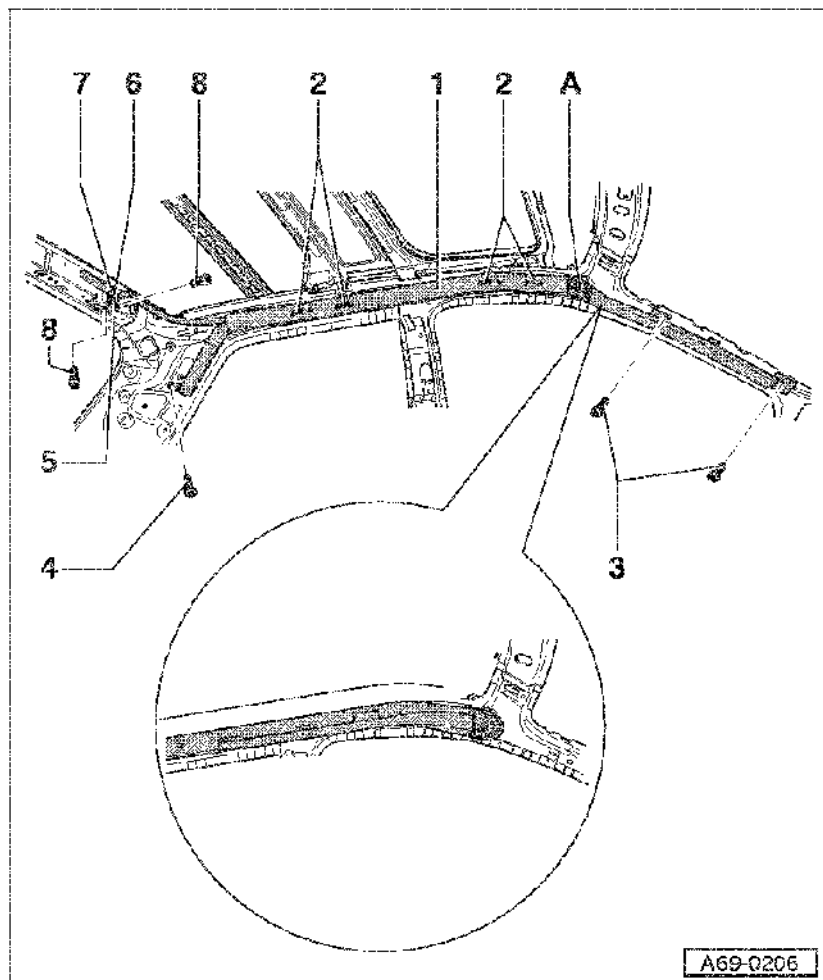


♦ Installing

- Before installing the head airbag module, check the contact surface for the head airbag at the threaded bushings on the roof grab handle => Fig. 6
- Check clamp mounts for B-pillar trim before installing B-pillar trim => Fig. 7
- Secure head airbag with pre-attached clips at grab handle adapters -2- (2x) => Fig. 5
- Secure gas generator with roof frame locating pin -7- => Fig. 4
- Insert bolts -8- (2x), pressing airbag module -1- with one hand at rear roof grab handle bolting point => Fig. 1

A69-0206

69-118



- Detach front part of head air-bag -1- and fold towards A-pillar; while doing this anti-twist seam -A- must point in direction of centre of vehicle.
- Insert bolt -3- => Fig. 3
- Remainder of installation is carried out in reverse order of removal.
- Switch ignition on.

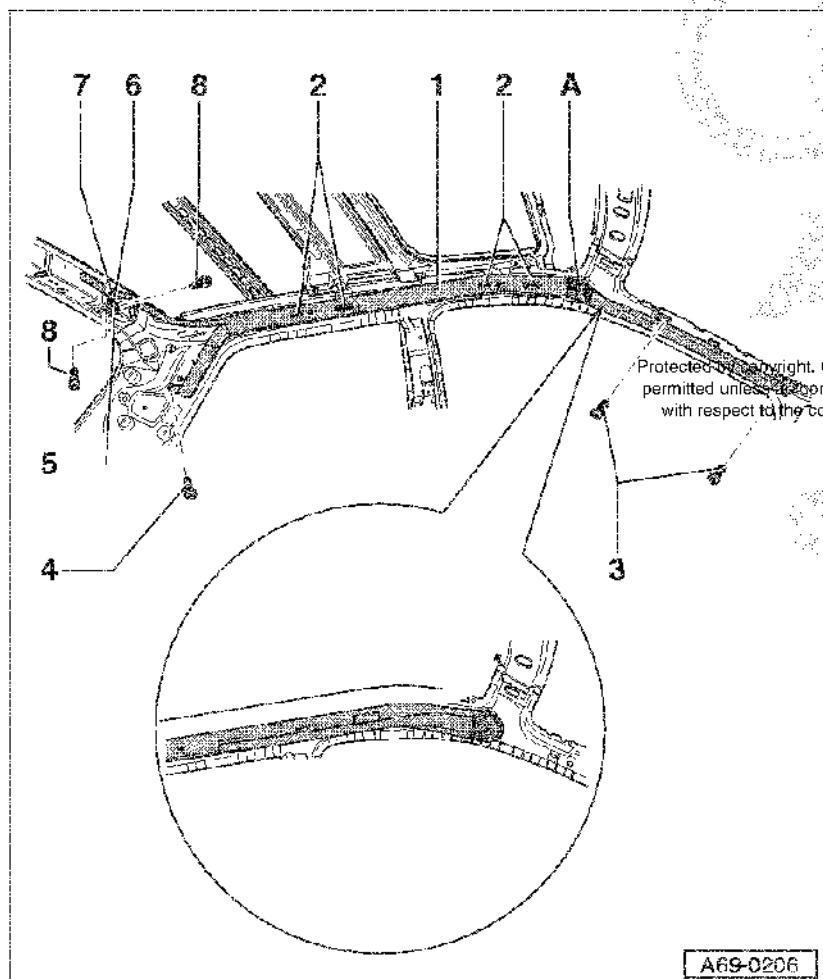
Important

There must be no-one in the vehicle when the battery is being connected.

- Connect battery.

2 - Grab handle adapter

69-119



3 - Bolts (2x)

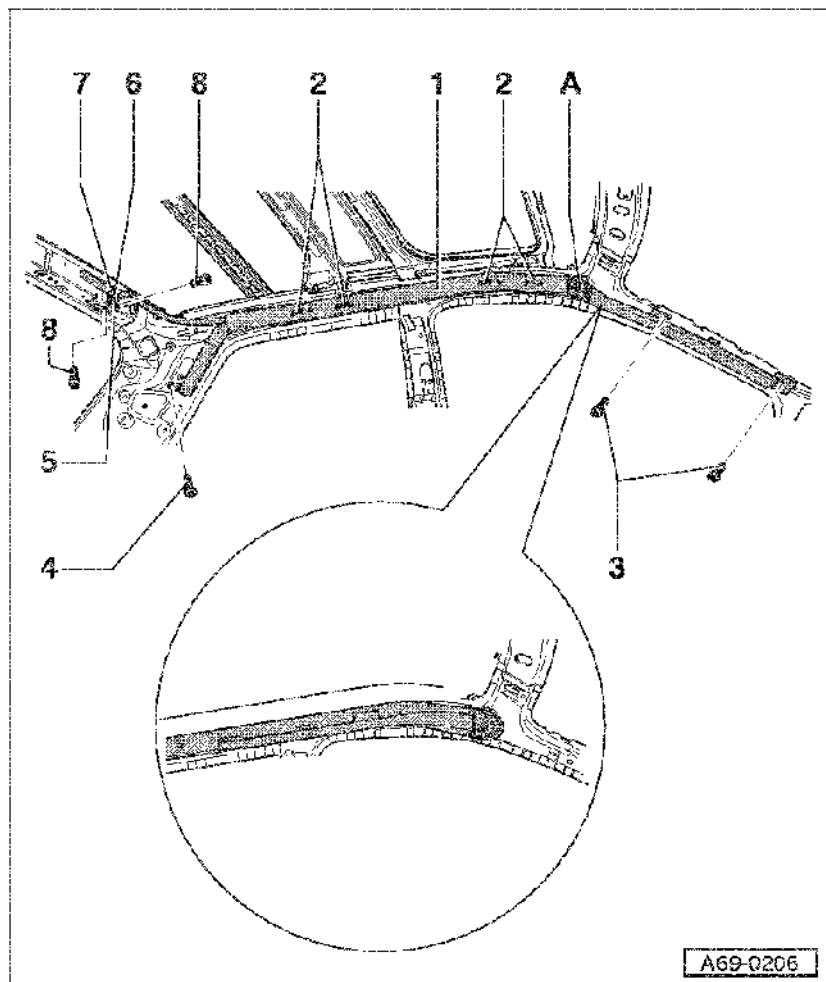
- Tightening torque 4 Nm
- ◆ Self-locking
- ◆ Replace
- ◆ Threaded bores for bolts must always be cleaned (e.g. with a thread tap).
- ◆ If threaded bushings are loose, re-tighten using riveting pliers.

4 - Bolt

- Tightening torque 4 Nm
- ◆ Self-locking
- ◆ Replace
- ◆ Threaded bores for bolts must always be cleaned (e.g. with a thread tap).
- ◆ If threaded bushings are loose, re-tighten using riveting pliers.

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69-120



5 – Gas generator

6 – Connector for head airbag

7 – Locating pin

8 – Bolts (2x)

– Tightening torque 4 Nm

◆ Self-locking

◆ Replace

◆ Threaded bores for bolts must always be cleaned (e.g. with a thread tap).

◆ If threaded bushings are loose, re-tighten using riveting pliers.

69-121

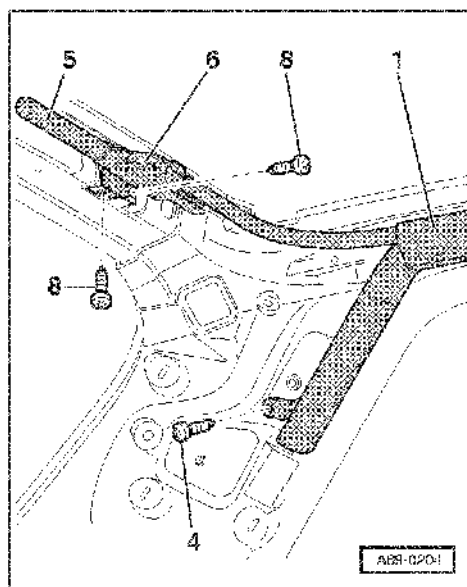


Fig.1 Gas generator to roof frame

– Screw in bolts -8-

– Tightening torque 4 Nm

– Screw in bolt -4-

– Tightening torque 4 Nm

– 1 - Head airbag

– 5 - Gas generator

– 6 - Airbag connector

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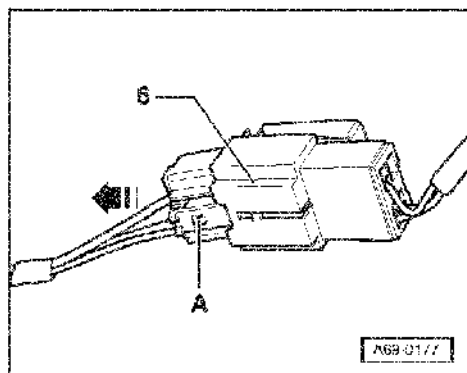


Fig.2 Detaching connector for head airbag

– Press release -A- and unplug connector in direction of arrow.

– 6 - Connector for head airbag

69-122

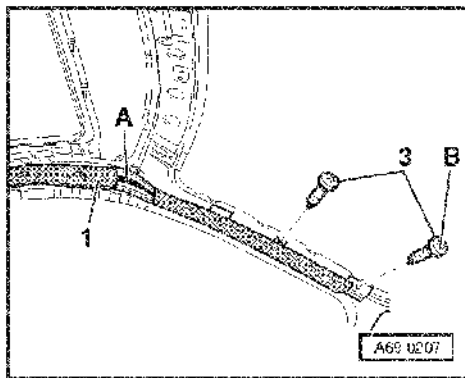
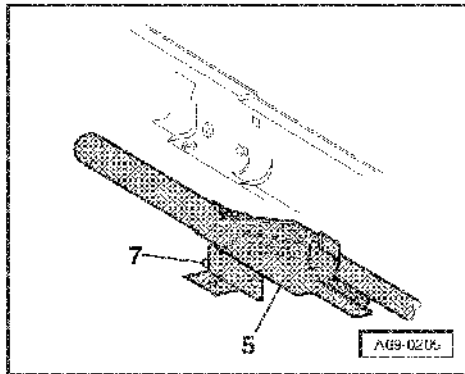


Fig.3 Head airbag to lower A-pillar

- ◀ – First install lower bolts -B-.
- Tightening torque 4 Nm
- 1 - Head airbag
- 3 - Bolts (2x)
- A - Anti-twist seam

Fig.4 Gas generator bracket



- ◀ – Remove gas generator -5- with locating pin -7-.

69-123

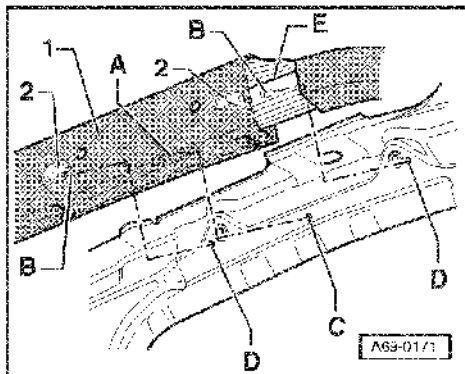


Fig.5 Securing head airbag at roof grab handle

- ◆ Attachment of roof grab handle is the same at front and rear.
- ◀ – Insert pre-retainer clip -A- into mounting -C-.
- Insert pins -B- into mounting -D-.
- Anti-twist seam -E- must face into direction of vehicle centre.
- 1 - Head airbag
- 2 - Adapter for grab handle

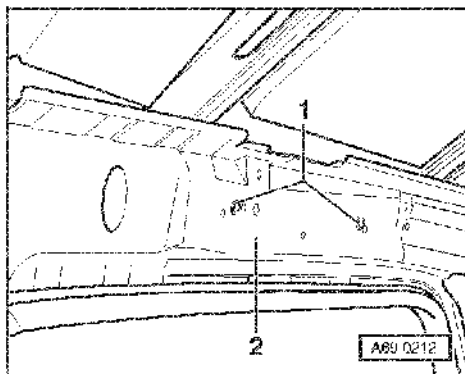


Fig.6 Checking contact surface for head airbag

- Before installing any airbag, the sheet metal part in the head area (bushing area) on each side must be checked for deformation at the vehicle centre.
- ◆ Illustration shows a contact surface which is OK.
- Align sheet metal if necessary.

69-124

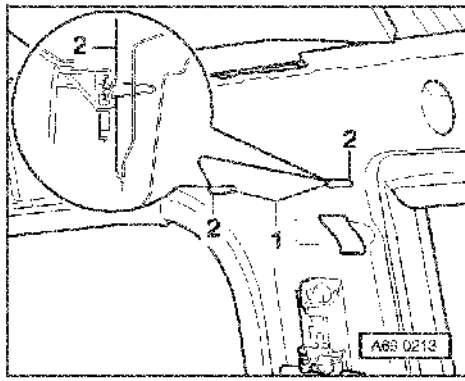
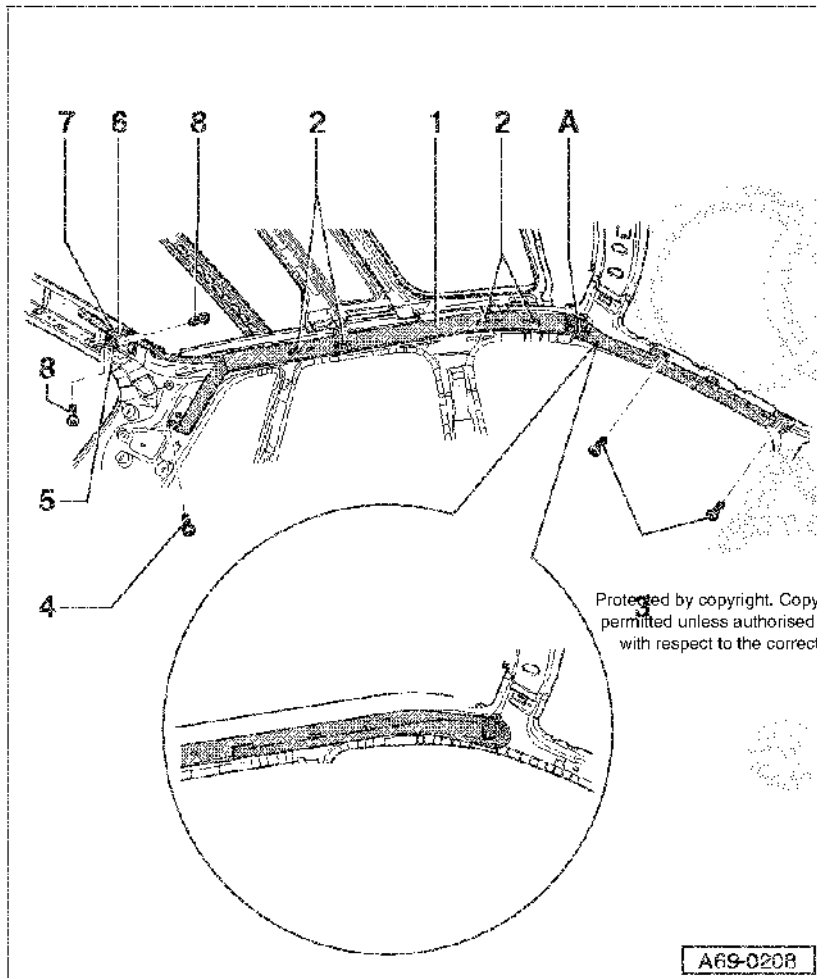


Fig.7 Checking clamp mounts for B-pillar trim

- Before installing any trim, the sheet metal -2- in the area of the clamp mounts -1- (2 on each side) must be checked.
- ◆ The sheet metal must lie flat on the mounts.
- ◆ Illustration shows a clamp mount which is OK.
- Align sheet metal if necessary.

Notes:

- ◆ After connecting the battery, please ensure that the vehicle accessories (radio, clock, electric window lifters) are checked according to workshop manual and/or operating instructions.
 - ◆ If the fault warning light (K 75) for airbag signals a fault after assembly the fault memory must be erased and again be interrogated by using fault reader V.A.G 1551.
- = > Body Self-diagnosis; Repair group 01 = >



Removing and installing head airbag – 5-door vehicles

Important = >

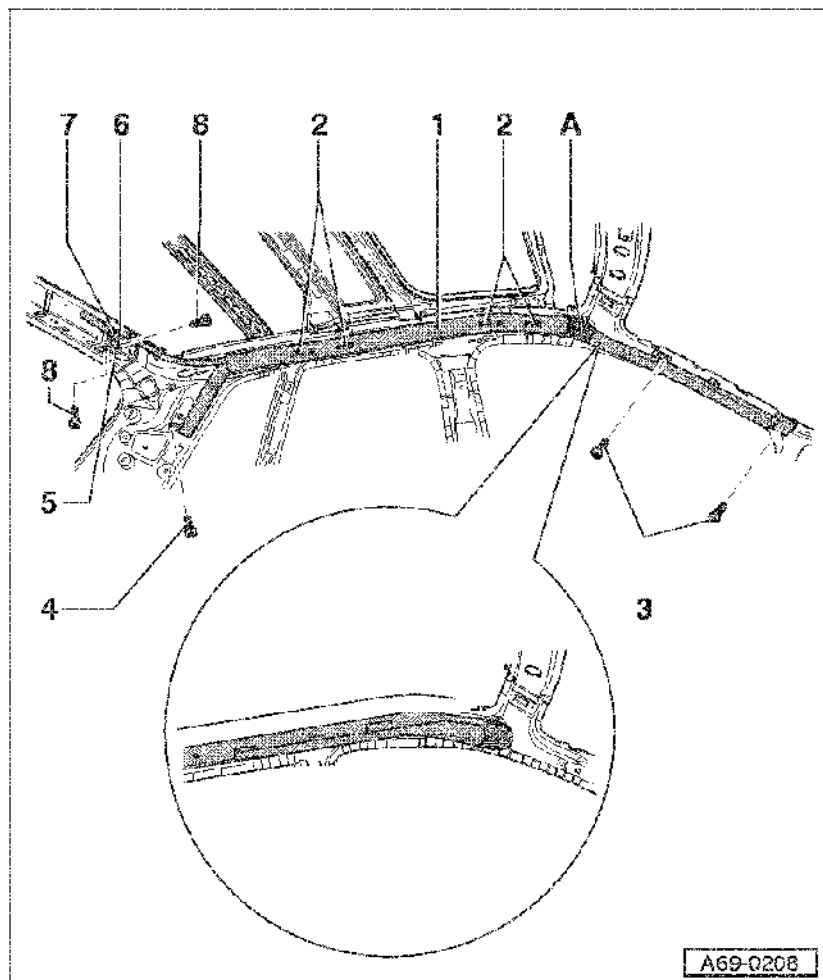
1 – Head airbag

◆ **Removing**

- Remove upper A-pillar trim
=> Page 70-109
- Remove upper B-pillar trim without removing seat belt
=> Page 70-121
- Remove upper C-pillar trim
=> Page 70-127
- Remove upper D-pillar trim
=> Page 70-129

Remove headlining => Page 70-137

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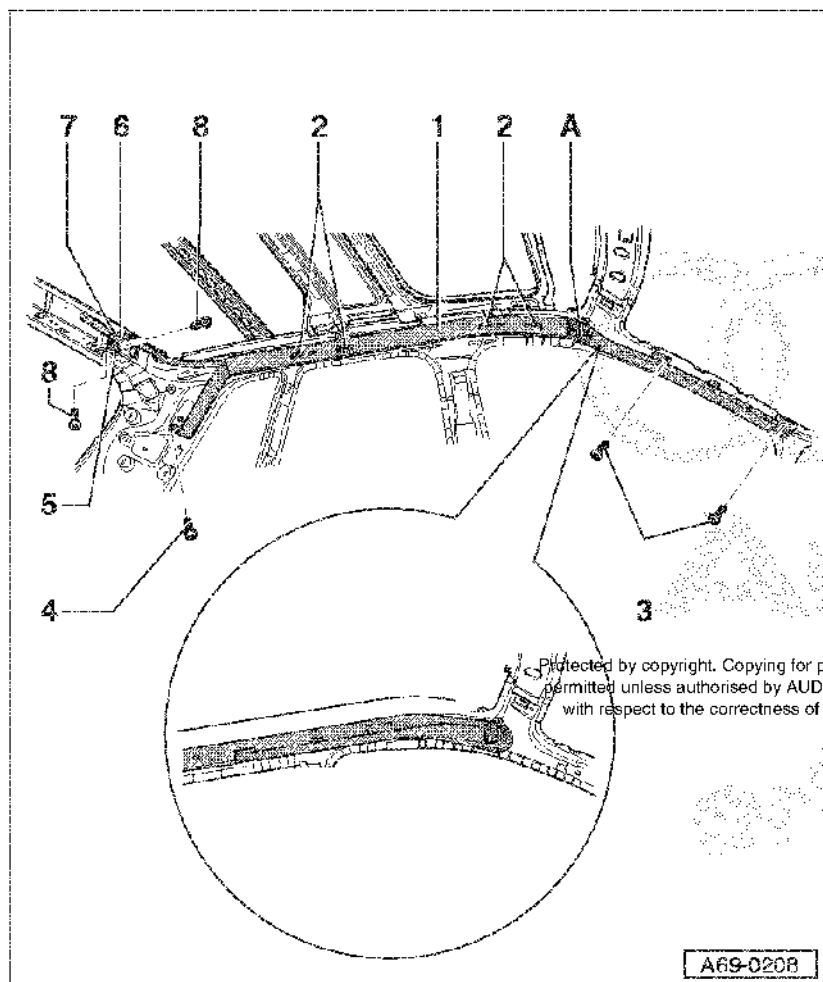


- Remove bolts -3- (2x).
- Fold front part of head airbag backwards and attach to Velcro fastening (magnified view).
- Unplug connector for head airbag at 4-pin connector between gas generator and roof => Fig. 2
- Unscrew bolt -4-.
- Remove bolts -8- (2x).
- Remove gas generator with locating pin -7- => Fig. 4
- Remove head airbag-1- at grab handles -2-.

Important

Always observe installation sequence of head airbag.

69-127



♦ Installing

- Secure head airbag with pre-retainer clips at grab handle adapters -2- (2x) => Fig. 5
- Detach front part of head airbag -1- and fold towards A-pillar; while doing this anti-twist seam -A- must point in direction of centre of vehicle.
- Insert bolts -8- (2x), pressing airbag module -1- with one hand at rear roof grab handle bolting point => Fig. 1
- Insert bolt -3- => Fig. 3
- Remainder of installation is carried out in reverse order of removal.
- Switch ignition on.

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A69-0208

69-128

Important

There must be no-one in the vehicle when the battery is being connected.

- Connect battery.

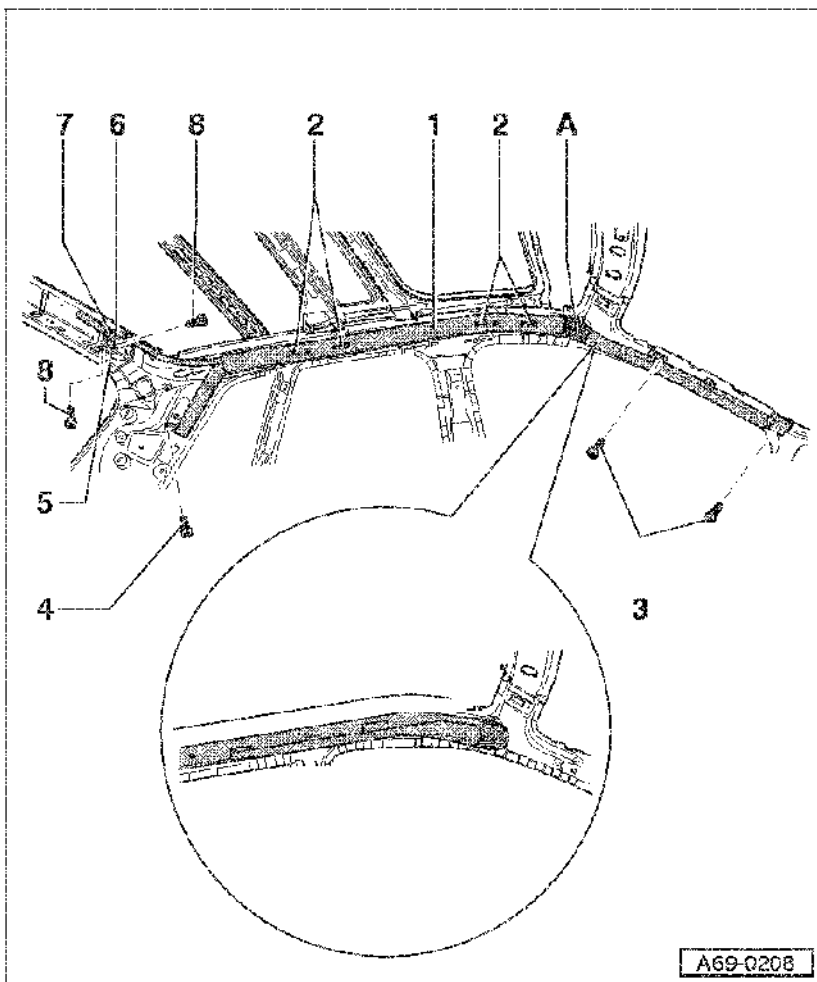
2 – Grab handle adapter

3 – Bolts (2x)

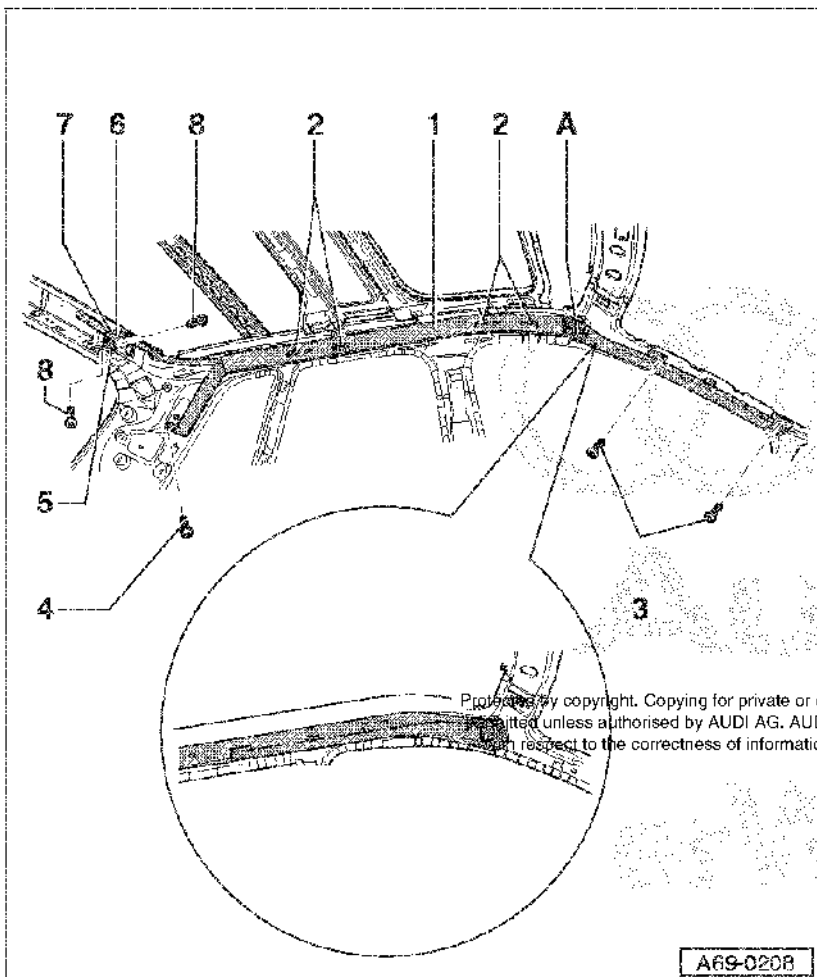
- Tightening torque 4 Nm
- ◆ Self-locking
- ◆ Replace
- ◆ Threaded bores for bolts must always be cleaned (e.g. with a thread tap).
- ◆ If threaded bushings are loose, re-tighten using riveting pliers.

4 – Bolt

- Tightening torque 4 Nm
- ◆ Self-locking
- ◆ Replace



69-129



- ◆ Threaded bores for bolts must always be cleaned (e.g. with a thread tap).
- ◆ If threaded bushings are loose, re-tighten using riveting pliers.

5 – Gas generator

6 – Connector for head airbag

7 – Locating pin

8 – Bolts (2x)

- Tightening torque 4 Nm
- ◆ Self-locking
- ◆ Replace
- ◆ Threaded bores for bolts must always be cleaned (e.g. with a thread tap).
- ◆ If threaded bushings are loose, re-tighten using riveting pliers.

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A69-0208

69-130

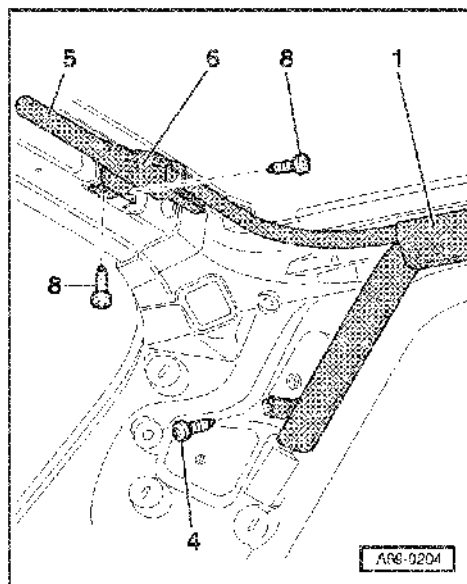


Fig.1 Gas generator to roof frame

- Screw in bolts -8-.
- Tightening torque 4 Nm
- Screw in bolt -4-.
- Tightening torque 4 Nm
- 1 - Head airbag
- 5 - Gas generator
- 6 - Airbag connector
- 7 - Bracket

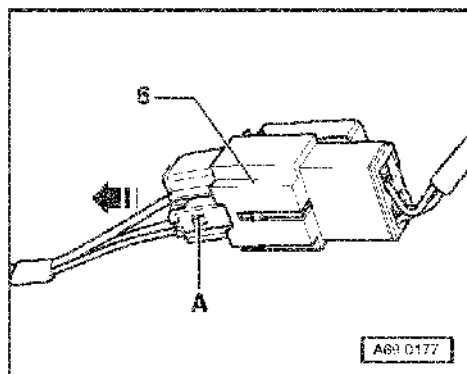


Fig.2 Detaching connector for head airbag

- Press release -A- and unplug connector in direction of arrow.
- 6 - Connector for head airbag

69-131

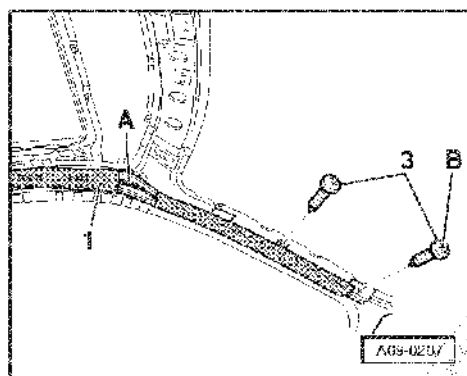
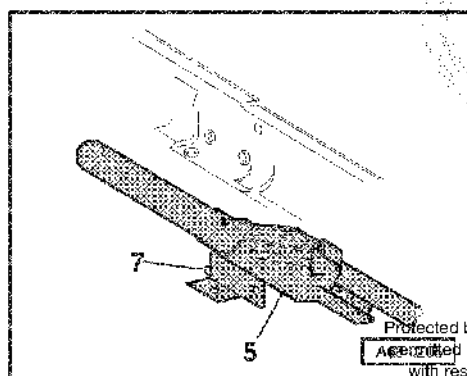


Fig.3 Head airbag to lower A-pillar

- First install lower bolt -B-.
- Tightening torque 4 Nm
- 1 - Head airbag
- 3 - Bolts (2x)
- A - Anti-twist seam

Fig.4 Gas generator bracket

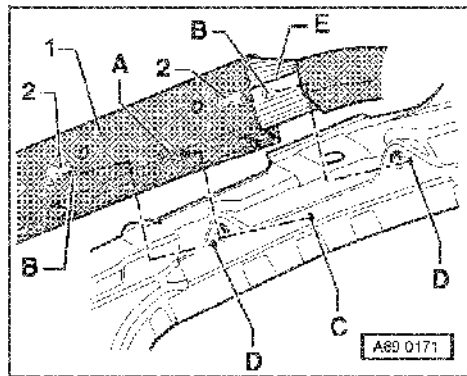


- Remove gas generator -5- with locating pin -7-.

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69-132

Fig.5 Securing head airbag at roof grab handle

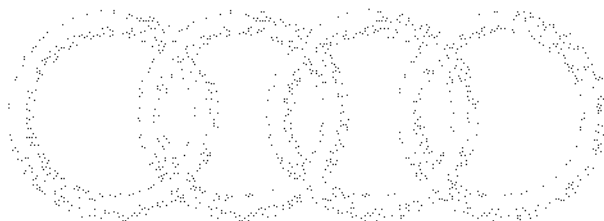


◆ Attachment of roof grab handle same front and rear.

- Insert pre-retainer clip -A- into mounting -C-.
- Insert pins -B- into mounting -D-.
- Anti-twist seam -E- must face into direction of vehicle centre.
- 1 - Head airbag
- 2 - Adapter for grab handle

Notes:

- ◆ After connecting the battery, please ensure that the vehicle accessories (radio, clock, electric window lifters) are checked according to workshop manual and/or operating instructions.
 - ◆ If the fault warning light (K 75) for airbag signals a fault after assembly the fault memory must be erased and again be interrogated by using fault reader V.A.G 1551.
- = > Body Self-diagnosis; Repair group 01 = >



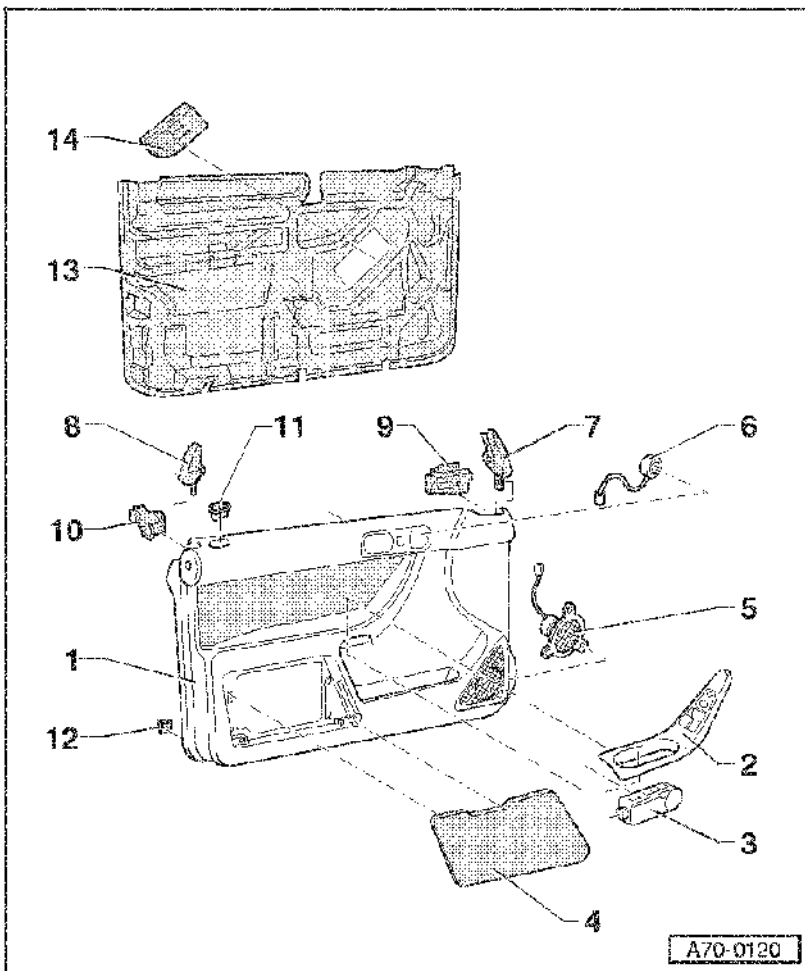
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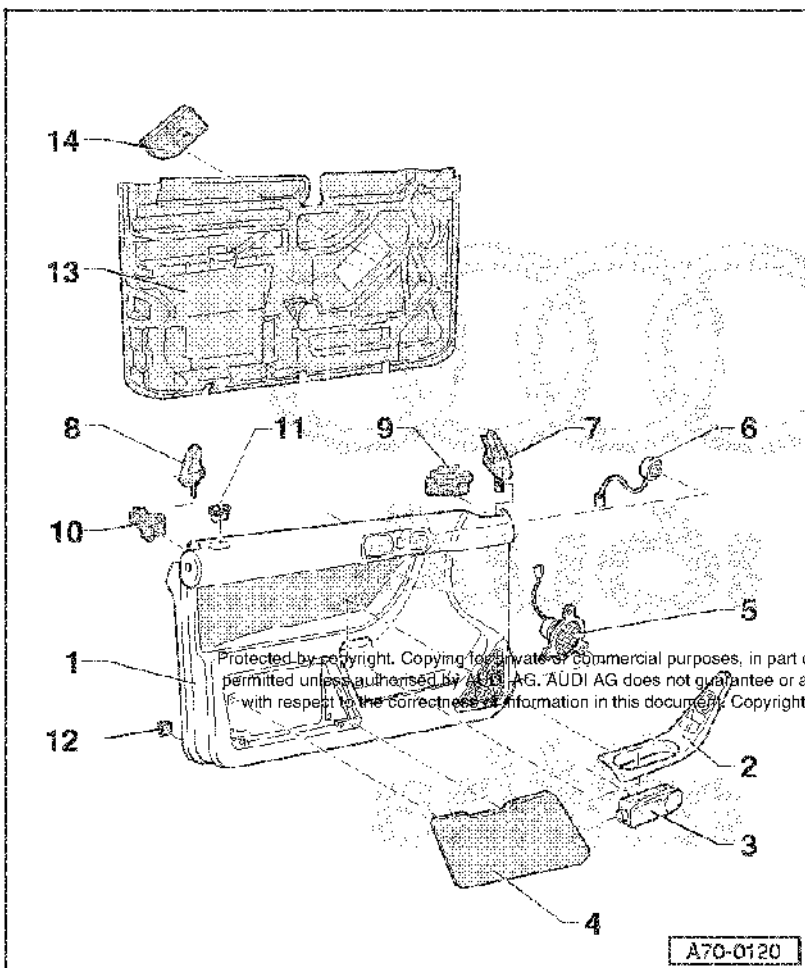
Door trims (3-door vehicles)

Assembly overview

- 1 – Remove door trim => Page 70-3
- 2 – Remove upper section of grip moulding => Page 70-7
- 3 – Lower section of grip moulding
- 4 – Removing hinged pocket => Page 70-11
- 5 – Removing loudspeaker => Page 70-9
- 6 – Remove treble loudspeaker => Page 70-10
- 7 – Inner transition piece
- 8 – Outer transition piece



70-1



70-2

Removing and installing front door trim

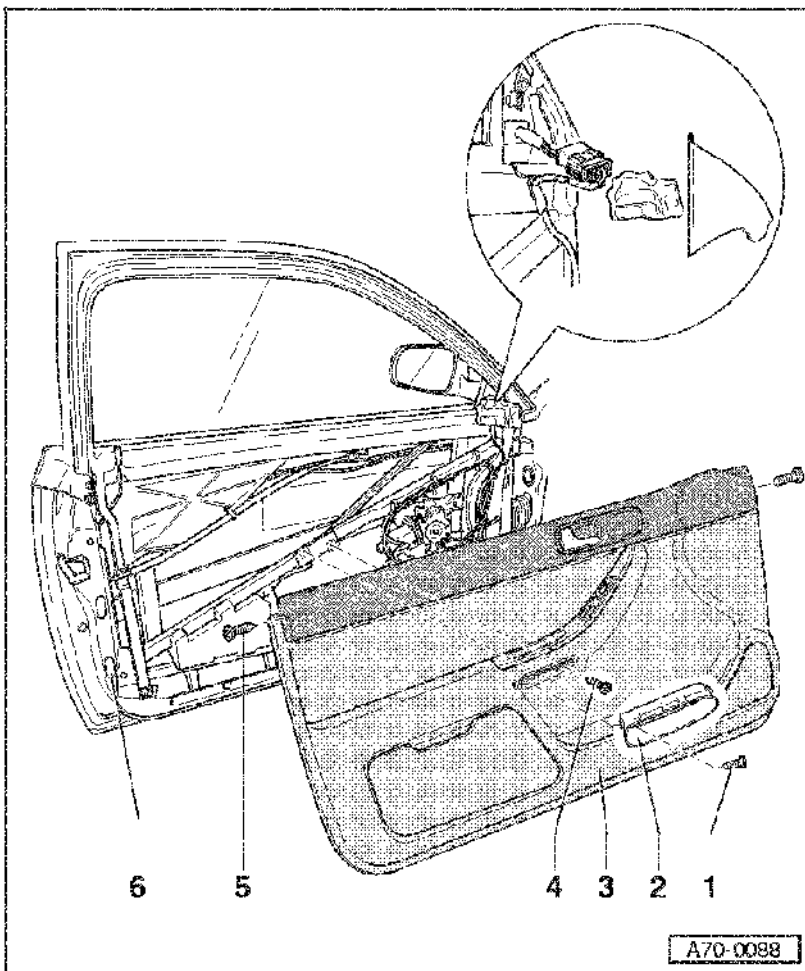
1 – Bolt

- Tightening torque 1.5 Nm

2 – Grip moulding

3 – Door trim

- Unscrew bolt -1- from grip moulding -2-.
- Remove grip moulding -2- downwards from door trim -3-.
- Remove bolts -4- (2x).
- Remove bolts -5- (2x).
- Lift door trim about 20 cm upwards and remove from door shell
- Remove foam seal.



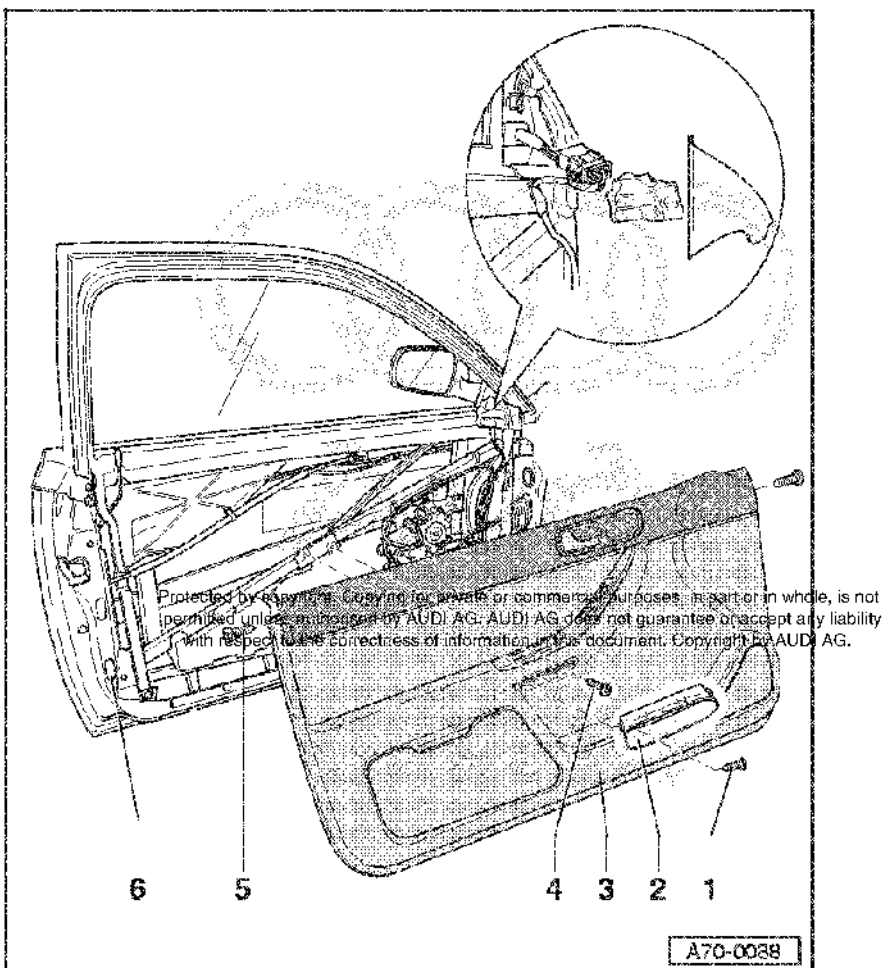
70-3

- Then disconnect Bowden cable for interior door handle => Fig.1 and electric connectors => Fig. 2
- When installing the spacers -6- for the location hooks (7x) must be clipped in.

4 – Bolts (2x)

- Tightening torque 2.5 Nm

5 – Bolts



70-4

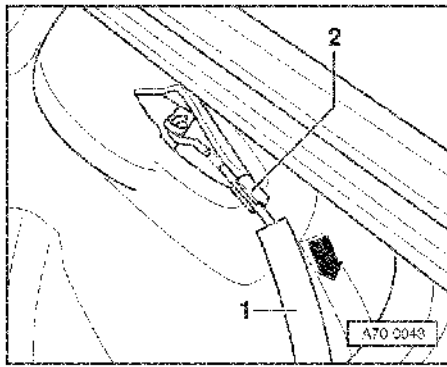
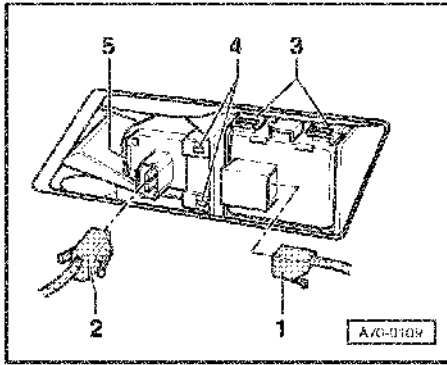


Fig.1 Detaching Bowden cable

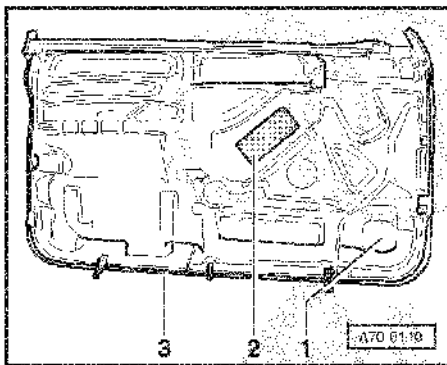
- Extract Bowden cable -1- from guide -2- and detach.

Fig.2 Disconnecting and removing operating switches for window lifters and mirror adjustment



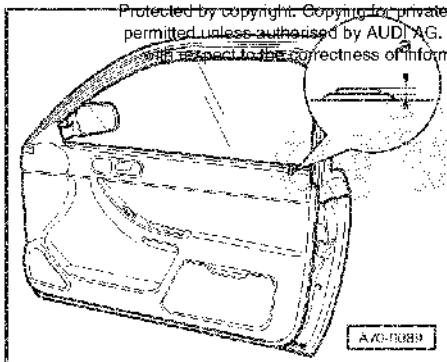
- Disconnect operating switch for window lifter -1-.
- Use screwdriver to lever out operating switch for window lifter -1- from retainers -3- (4x).
- Disconnect operating switch mirror adjustment-2-.
- Operating switch mirror adjustment -2-; Press lever -4- (2x) into centre and use screwdriver to lever out retainer -5-.

Removing and installing front door trim insulation



- Insulation -1- must be bonded in all round door trim.
- When removing or installing insulation -1- ensure insulation is not damaged when fitting it over locating hooks or connectors.
- Cable cover -2-
- Press on insulation around adhesive bead -3-.

Adjusting release button



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When locked, release button may project by 0 to 2 mm (dimension 21).

Removing and installing door trim attachments

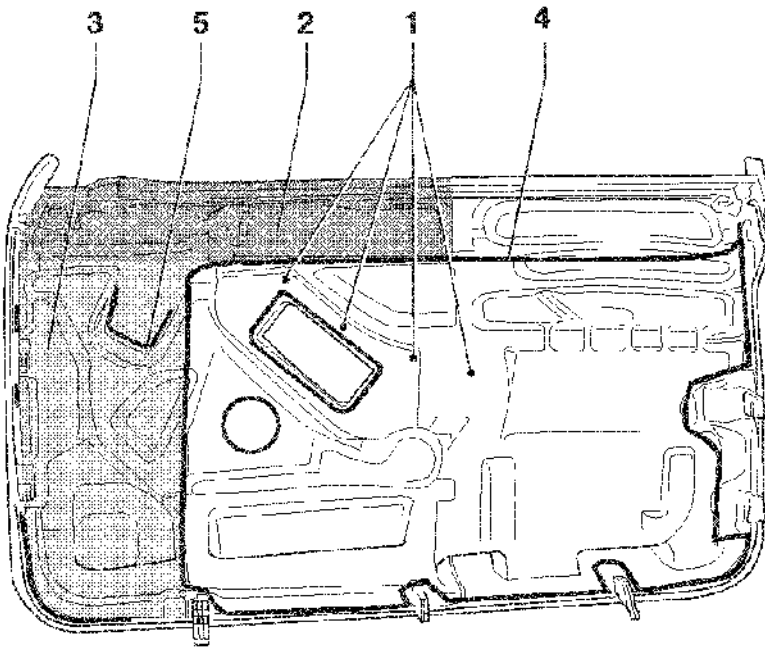
Removing and installing upper section of grip moulding

Note:

Door trim is shown from rear for greater clarity.

1 – Bolts (4x)

- Locate position of bolts by running fingers over insulation, pierce insulation at bolt locations and remove bolts.
- After fitting the bolts, seal holes in insulation with butyl compound (AKL 450 005 05) to close off and prevent draughts.
- Before each stage of installation, press on insulation around adhesive bead.



A70-0123

70-7

Folding sections of insulation

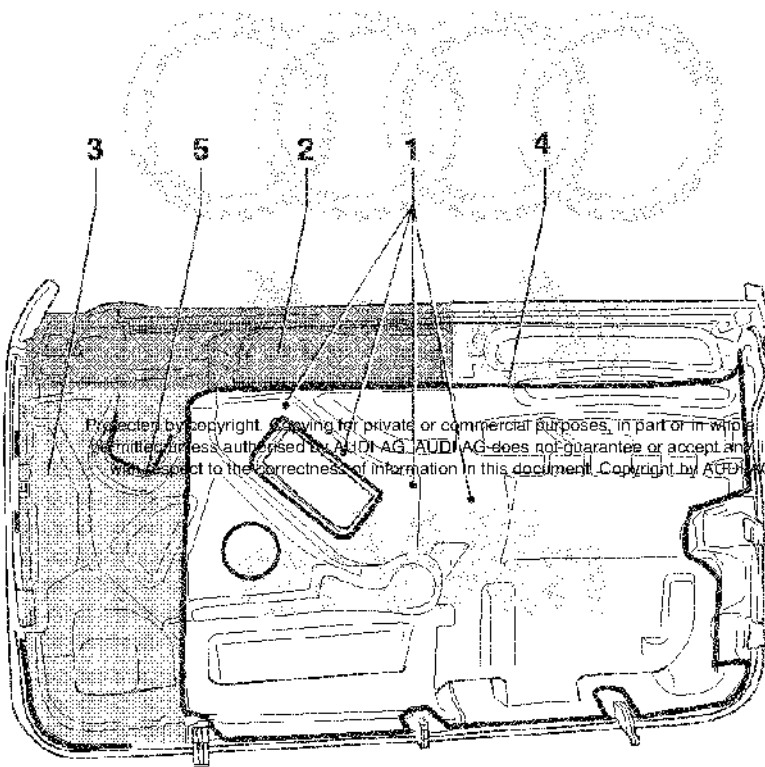
2 – Fold back to remove treble speaker

3 – Fold back to remove bass speaker

4 – Adhesive bead

- Before each stage of installation, press on insulation around adhesive bead.

5 – Fold back to unplug speaker connectors

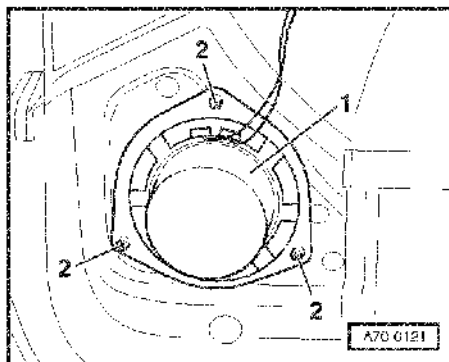


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A70-0123

70-8

Removing bass speaker



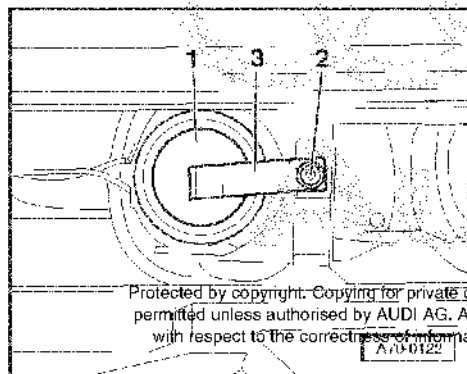
- ◀ – Remove door trim => Page 70-3

Note:

For greater clarity, door trim is shown from rear and without insulation.

- Carefully fold over insulation of door trim around bass loudspeaker -1- => Page 70-8
- Detach cable.
- Unscrew bolts -2- (3x).
- Press insulation firmly on after installing.

Removing treble speaker



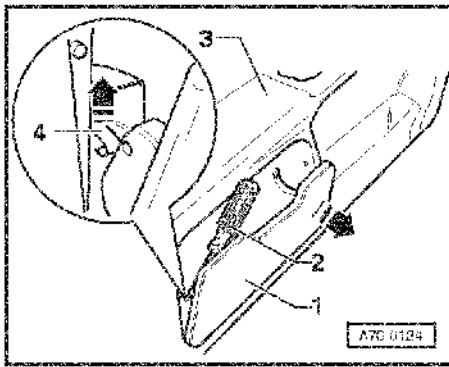
- ◀ – Remove door trim => Page 70-3

Note:

For greater clarity, door trim is shown from rear and without insulation.

- Carefully fold over insulation of door trim around treble loudspeaker -1- => Page 70-8
- Detach cable.
- Unscrew bolt -2-
- Remove spring clip -3-.
- Press insulation firmly on after installing.

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Removing and installing hinged pocket

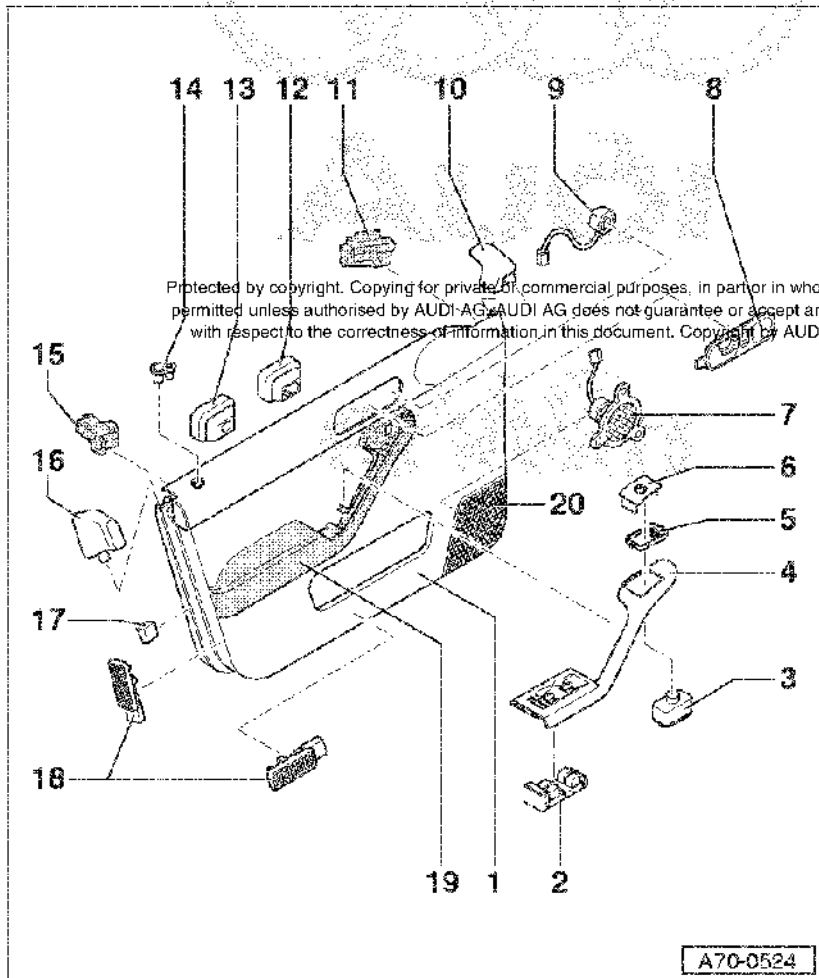
- Open hinged pocket -1- in door trim -3-.
- Use offset screwdriver -2- (90°, 6-10 mm improvised) to unfasten spring clips-4- on left and right in direction of arrow and press hinged pocket in direction of arrow.
- Lift out hinged pocket.

Note:

Magnified view shows spring clip -4- detached.

- To install, pull up spring clips on left and right and press hinged pocket in until the two spring clips engage.

70-11

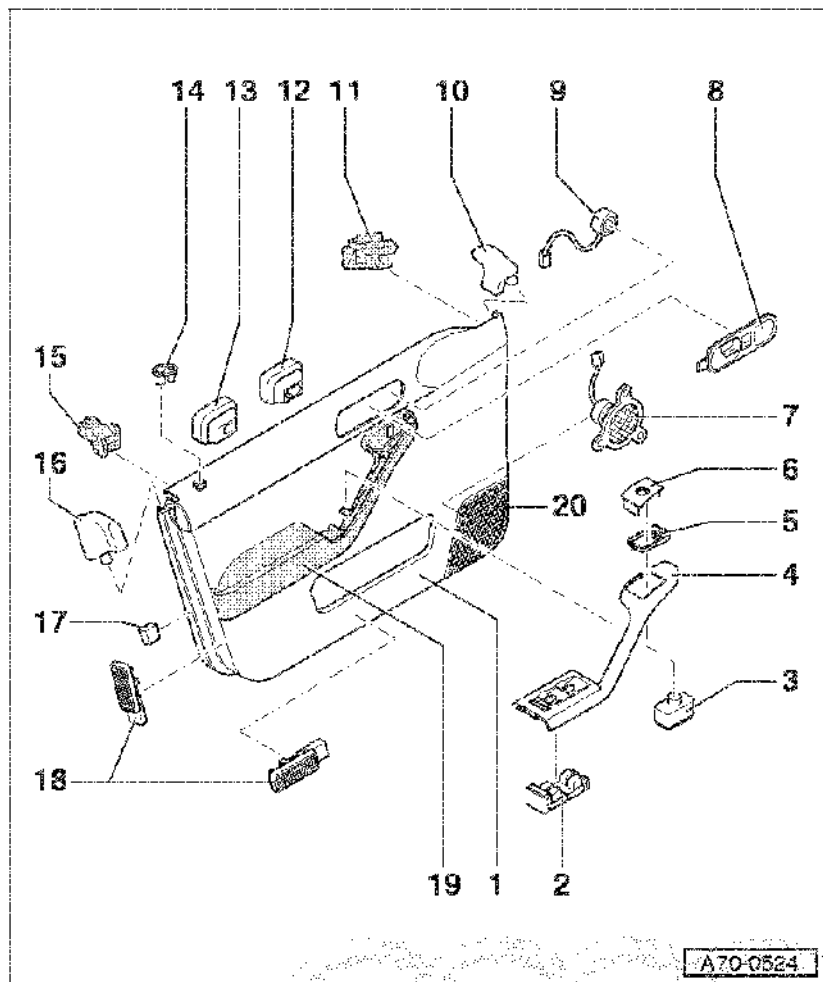


Front door trims (5-door vehicles)

Assembly overview

- 1 – Remove door trim => Page 70-15
- 2 – Window lifter switch unit => Page 70-25
- 3 – Mirror adjustment switch => Page 70-27
- 4 – Remove upper section of grip moulding => Page 70-19
- 5 – Bracket for mirror adjuster switch
- 6 – Panel for mirror adjuster switch
- 7 – Remove bass loudspeaker => Page 70-24

70-12



8 – Interior door handle

9 – Remove treble loudspeaker => Page 70-23

10 – Remove inner adapter => Page 70-18

11 – Inner liner

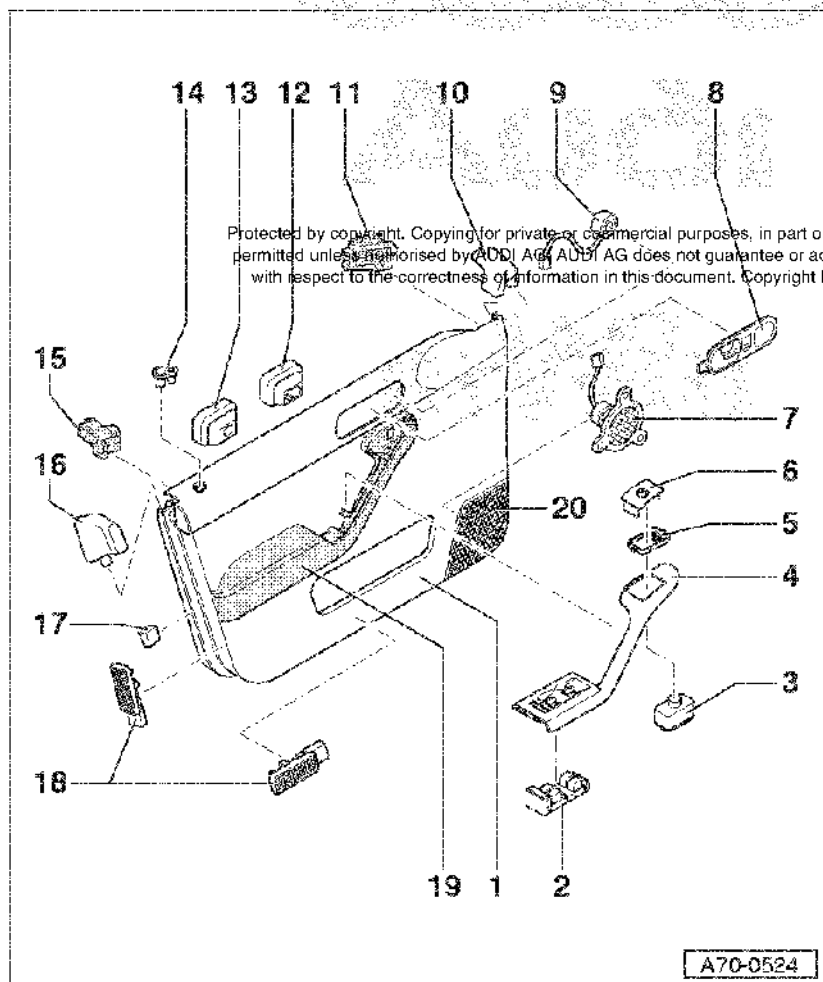
12 – Sealing foam for mirror adjuster switch cable

13 – Sealing foam for window lifter switch cable

14 – Button guide

15 – Outer liner

70-13



16 – Remove outer adapter => Page 70-18

17 – Locating-hook shims

18 – Removing door warning light => Page 70-24

19 – Remove lower section of grip moulding => Page 70-19

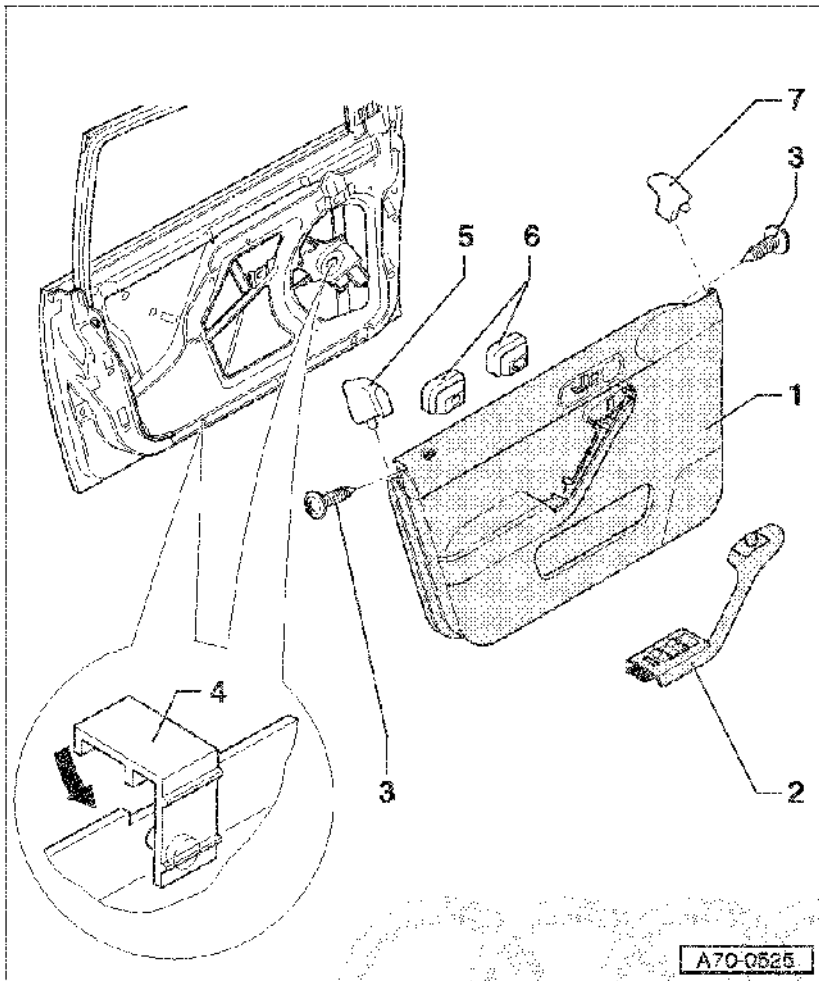
20 – Removing loudspeaker trim => Page 70-30

70-14

Removing and installing front door trim

1 – Door trim

- Lever out adapter -5- => Page 70-18
- Lever out inner adapter -7- => Page 70-18
- Unscrew bolts -3- (2x) from door trim -1-.
- Remove upper section of grip moulding -2- => Page 70-19
- Lift door trim about 20 cm upwards and remove from door.
- Detach Bowden cable for interior door handle => Fig. 1



70-15

When installing, the supports -4- (9x) for the location hooks must be inserted.

When installing, press door trim in centre in relation to door shell and inside on securing clamp => Fig. 2

2 – Upper section of grip moulding

3 – Bolts (2x)

- Tightening torque 2 Nm

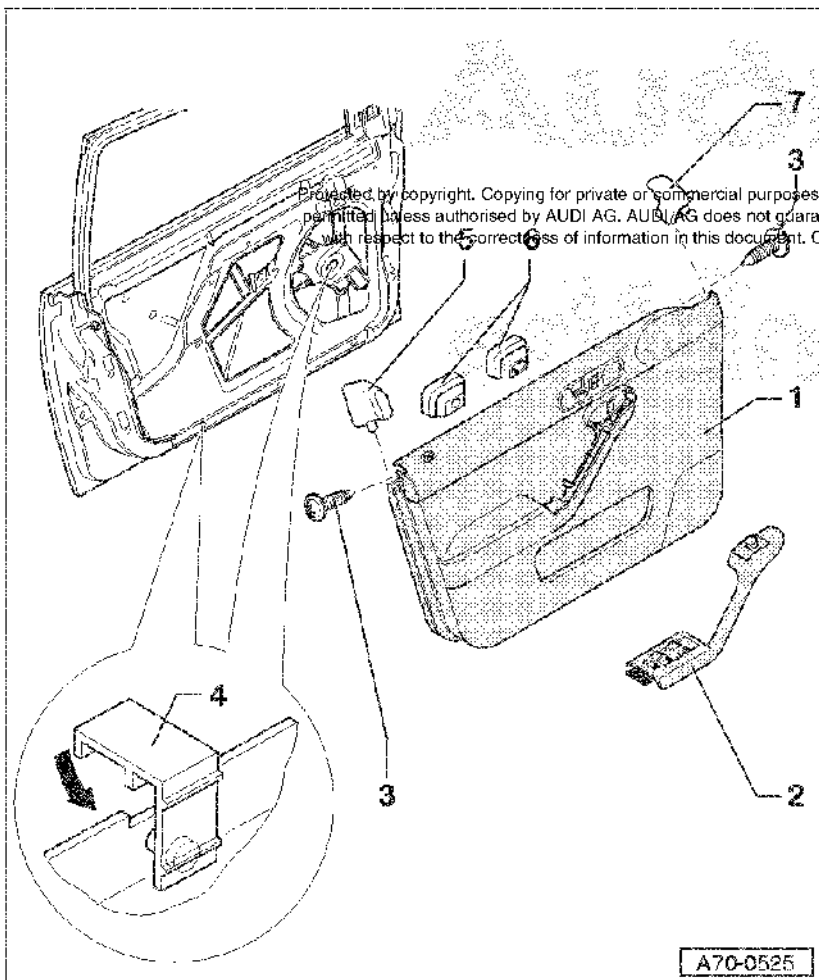
4 – Clip locators

5 – Outer transition piece

6 – Grommet

- ◆ For window lever switch
- ◆ For mirror adjuster switch cable

7 – Inner transition piece



70-16

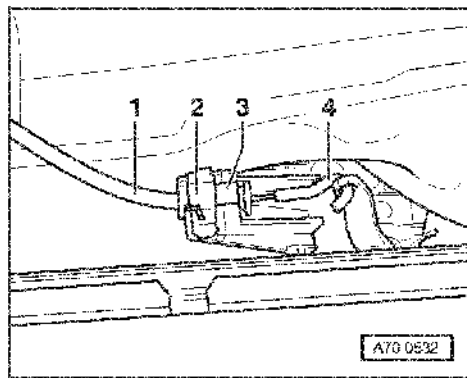


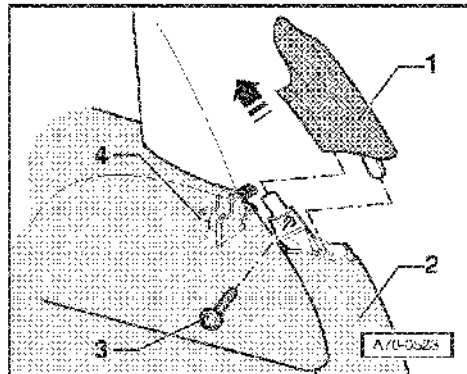
Fig.1 Detaching Bowden cable

- Unfasten clip -2-.
- Extract Bowden cable -1- from guide -3- and detach.

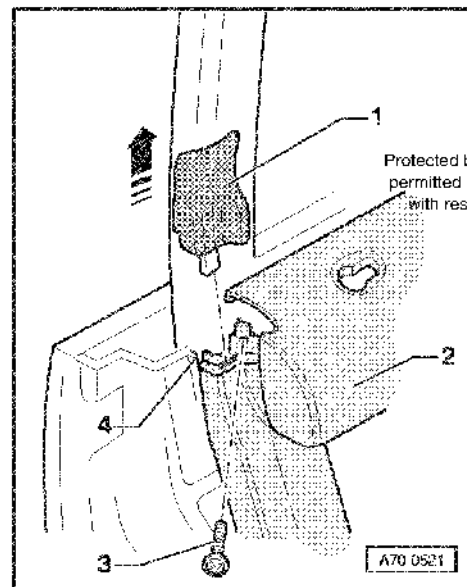
Note:

When installing, ensure hook -4- is facing upwards.

Fig.2 Securing clip



- When installing, press door trim -2- home onto securing clip -4-.



Removing and installing outer adapter

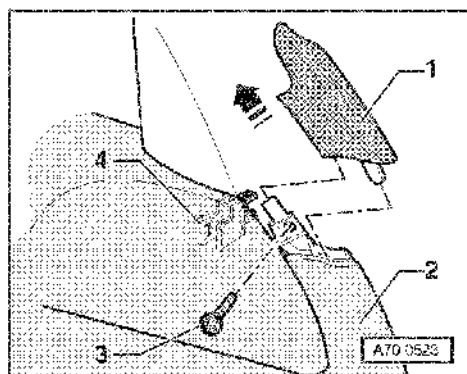
- Lever off adapter -1- from door trim -2- in direction of arrow using a screwdriver.

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When installing, press adapter -1- at -4- behind cover.

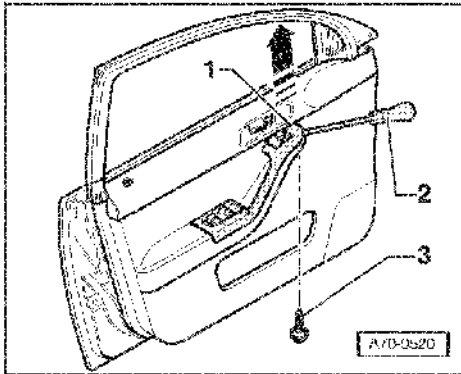
- 3 - Bolt – 2 Nm

Removing and installing adapter



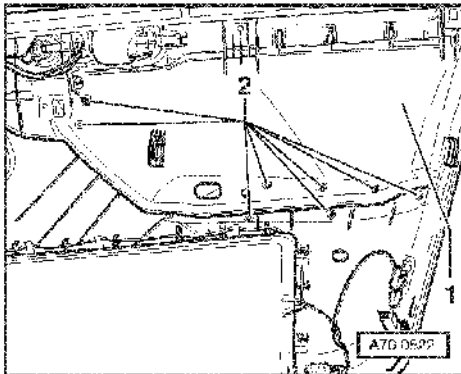
- Lever off adapter -1- from door trim -2- in direction of arrow using a screwdriver.
- 3 - Bolt – 2 Nm
- 4 - Securing clip

Removing and installing upper section of grip moulding



- Unscrew bolt -2-.
- Carefully lever out upper section of grip moulding -1- in direction of arrow using a screwdriver -2-.
- Unplug connectors for window lifter switch and mirror adjuster switch => Page 70-20

Removing and installing lower section of grip moulding

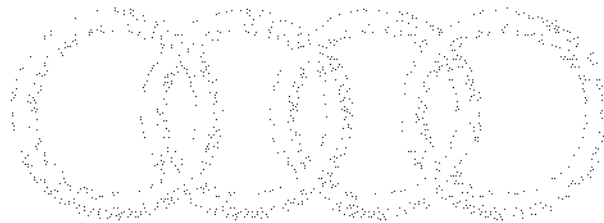


- Remove door trim => Page 70-15
- Removing insulation => Page 70-29

Note:

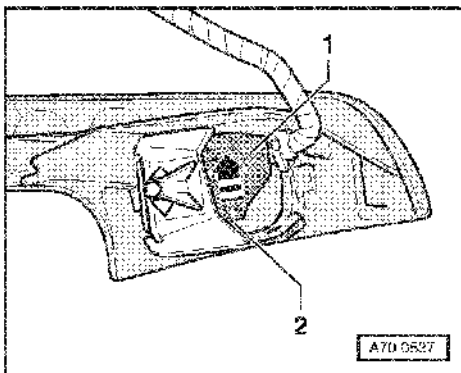
Door trim is shown from rear for greater clarity.

- Unscrew bolts -2- (9x).
- Detach lower section of grip moulding at front door trim.
- 1 - Door trim from rear.



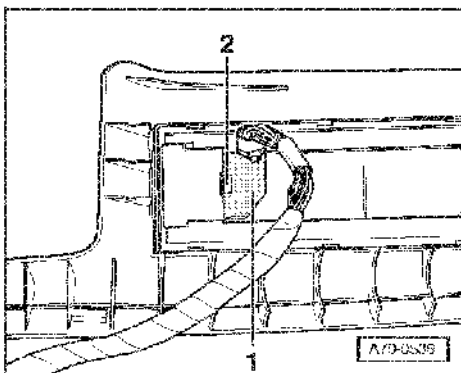
70-19

Unplugging connectors for window lifter switch and mirror adjuster switch on driver's side



- Push locating hooks -2- in direction of arrow and remove connector -1-.

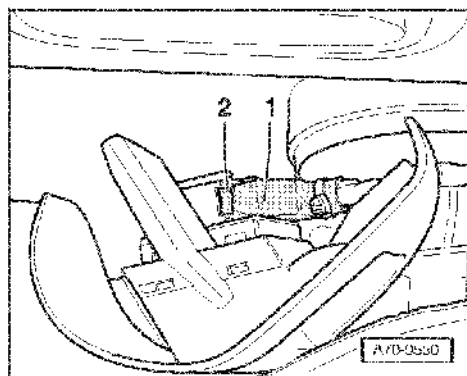
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- Press locating hooks -2- and unplug connector.
- 1 - Connector for window lifter switch

70-20

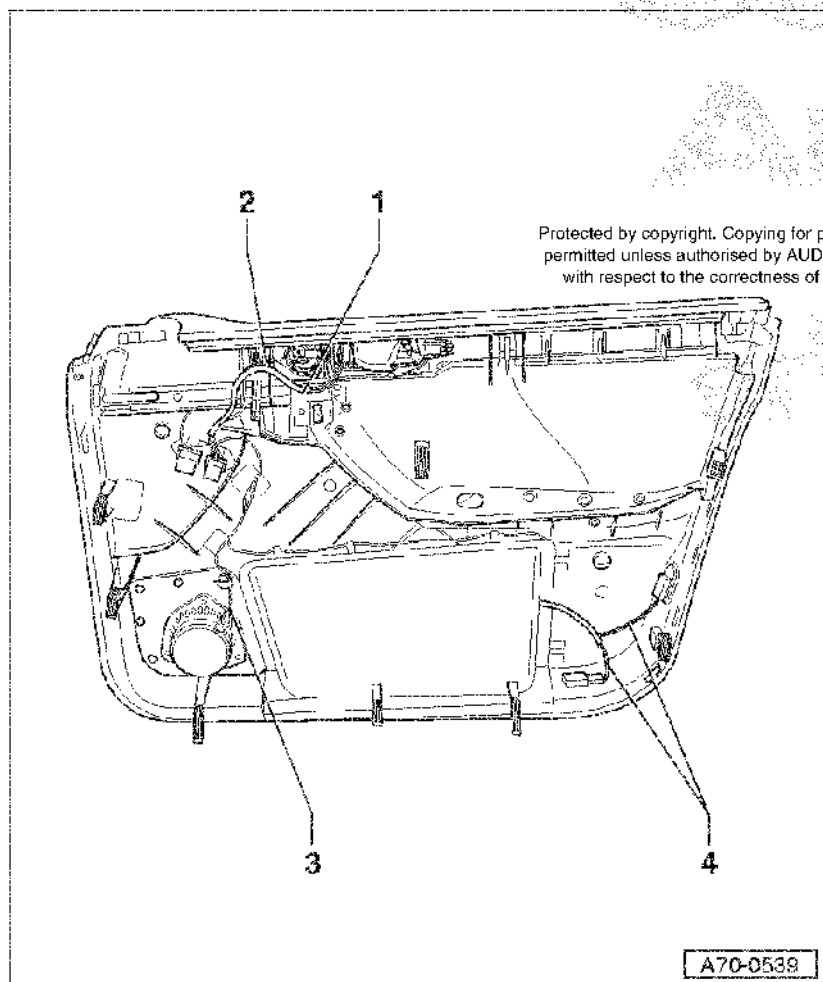
Unplugging connectors for window lifter switch on passenger's side



- 1 - Connector for window lifter switch
- Press locating hooks -2- and unplug connector.

70-21

Routing of wiring in door trim – overview



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1 – Wiring to central locking switch
(driver's side only)

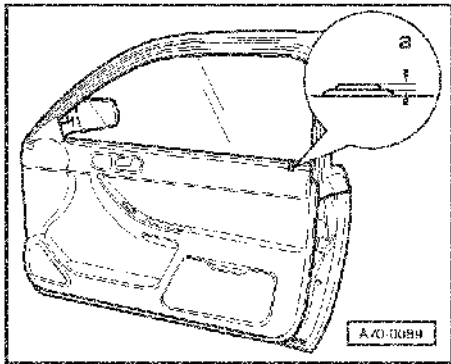
2 – Wiring to treble loudspeaker

3 – Wiring to bass loudspeaker

4 – Wiring to door warning lights

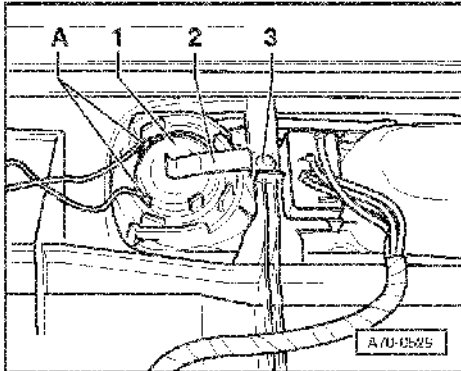
70-22

Adjusting release button



- ◀ – When locked release button may project by 0 to 2 mm (dimension -a-).

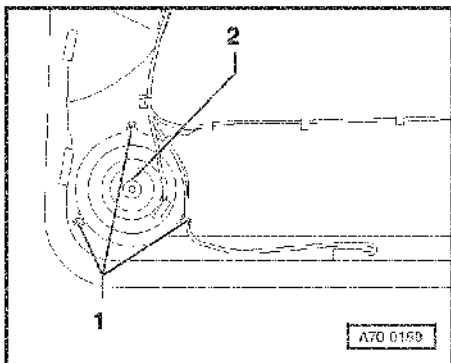
Removing and installing treble loudspeaker



- ◀ – Remove door trim => Page 70-15
- Removing insulation => Page 70-29
- Unscrew bolt -3- and detach bracket -2-.
- Unclip treble loudspeaker -1- at -A-.
- Detach wiring harness to bass speaker from door trim.

70-23

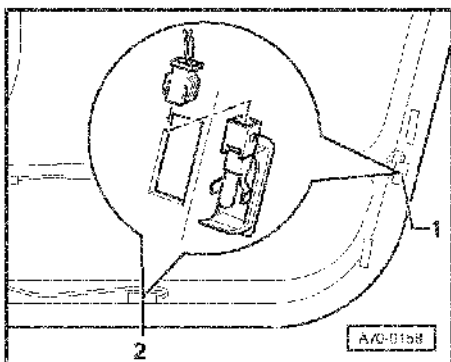
Removing bass speaker



- ◀ – Remove door trim => Page 70-15
- Removing insulation => Page 70-29
- Unscrew bolt -1- (3x) – tightening torque 1.5 Nm.
- Remove bass loudspeaker -2- and disconnect electric connector.

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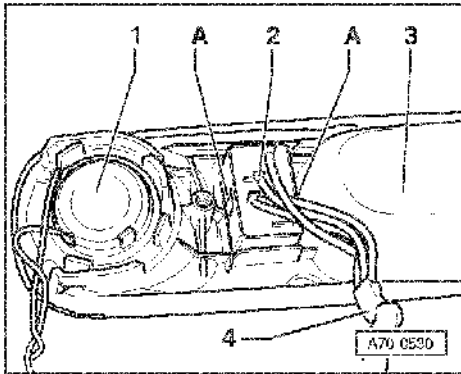
Removing and installing door warning light and footwell light



- ◀ – Use screwdriver to lever out door warning light -1- from below and pull out with cable.
- Disconnect door warning light -1-.
- Use screwdriver to lever out footwell light -2- from front and pull out with cable.
- Unplug connector of footwell light -2-.

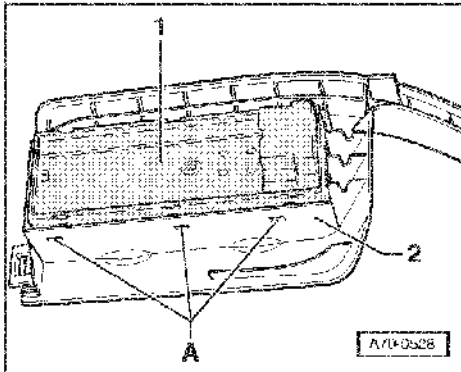
70-24

Removing central locking switch



- ◀ – Remove door trim => Page 70-15
- Removing insulation => Page 70-29
- Remove interior door handle -3- => Page 70-28
- Lever out central locking switch -2- at -A- and push forwards.
- Detach cable -4- from door trim.
- 1 - Treble loudspeaker

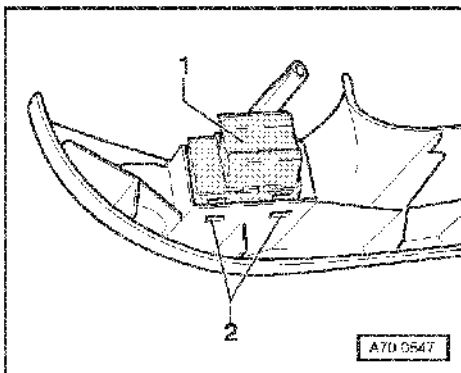
Removing window lifter switch unit on driver's side



- Remove upper section of grip moulding => Page 70-19
- ◀ – Lever window lifter switch unit -1- at -A- (6x) out of upper section of grip moulding -2-.

70-25

Removing and installing passenger's window lifter switch

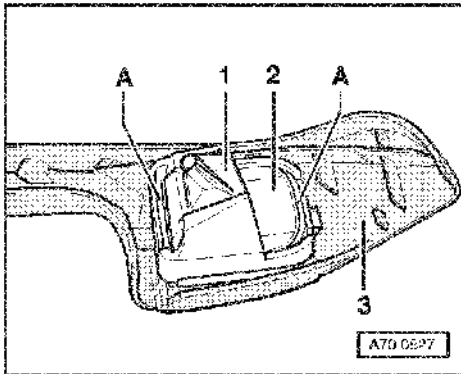


- Remove upper section of grip moulding => Page 70-19
- ◀ – Lever out window lifter switch -1- at -2- (4x) with a flat screwdriver.

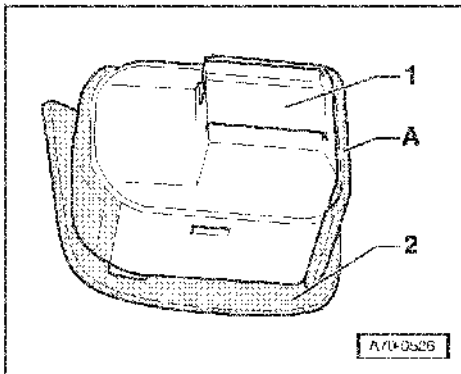
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70-26

Removing mirror adjuster switch



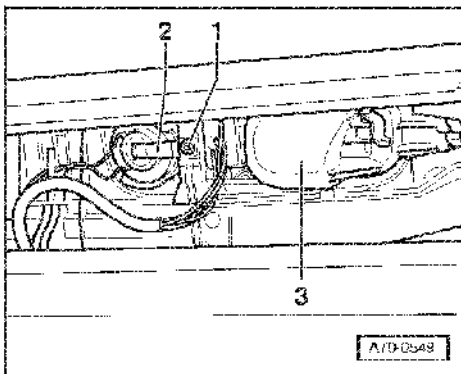
- ◀ – Remove upper section of grip moulding => Page 70-19
- Lever frame -1- off mirror adjuster switch -2- at -A- using a screwdriver.
- Remove mirror adjuster switch -2- from upper section of grip moulding -3-.



- ◀ – Lever panel -2- off mirror adjuster switch -1- at -A- using a screwdriver.

70-27

Removing interior door handle

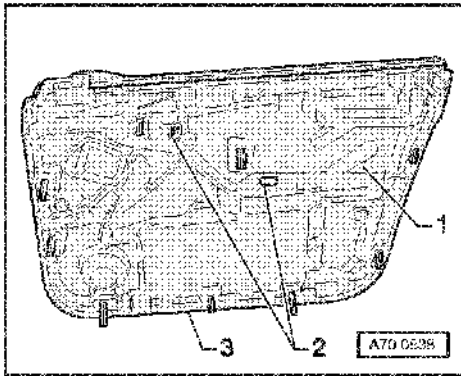


- ◀ – Remove door trim => Page 70-15
- Removing insulation => Page 70-29
- Remove central locking switch (driver's side only) => Page 70-25
- Unscrew bolt -1-.
- Detach bracket -2-.
- Remove treble loudspeaker => Page 70-23
- Push interior door handle -3- forwards.

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70-28

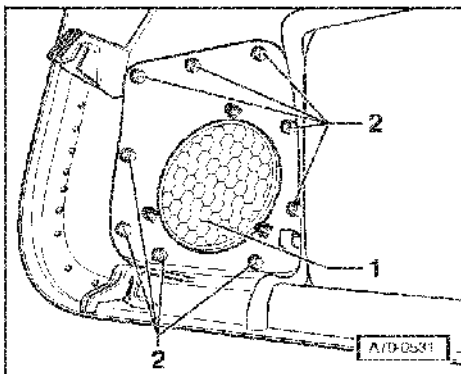
Removing and installing front door trim insulation



- Remove door trim => Page 70-15
- Insulation -1- must be fitted all round inside of door trim.
- When removing or installing insulation -1- ensure insulation is not damaged when fitting it over locating hooks or connectors.
- Cable cover -2-
- Press on insulation around sealing lip -3-.

70-29

Replacing speaker trim (standard, Bose)



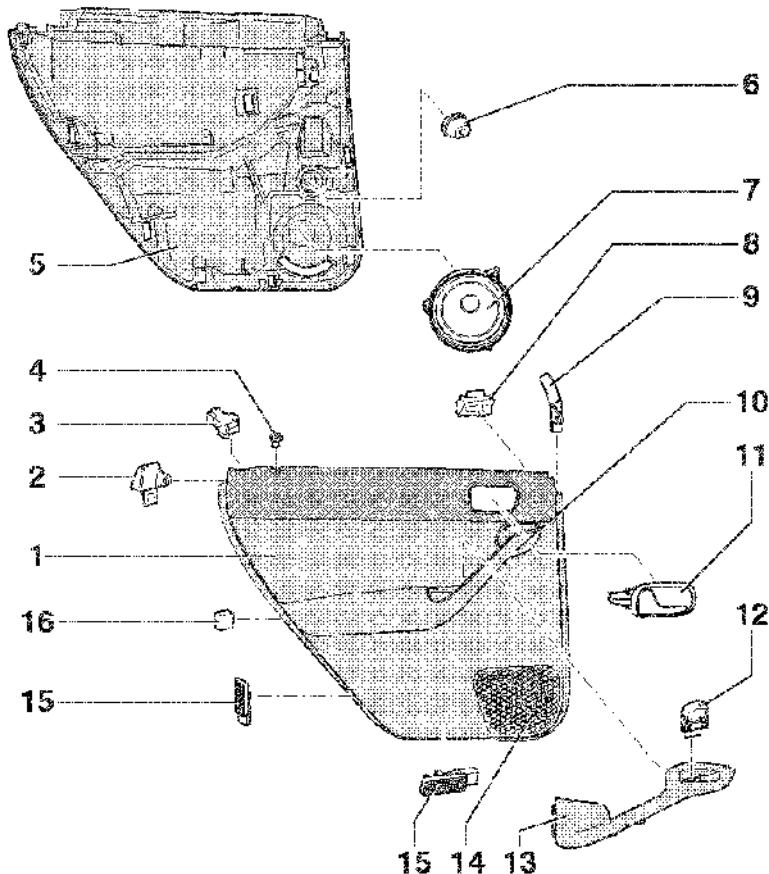
- Drill out old loudspeaker trim -1- at -2- (9x).
- Insert speaker trim -1- from front and attach speaker trim -1- with fasteners -3- (4x).

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70-30

Rear door trims (5-door vehicles)

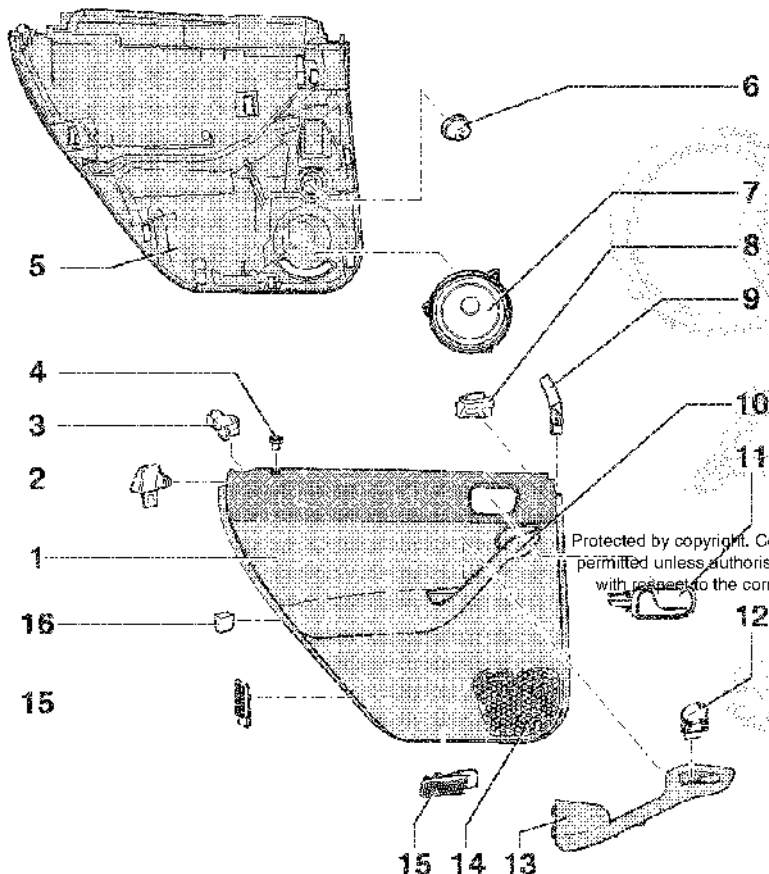
Fitting locations – exploded view



A70-0548

- 1 – Remove door trim => Page 70-33
- 2 – Outer transition piece => Page 70-36
- 3 – Outer liner
- 4 – Button guide
- 5 – Removing insulation => Page 70-42
- 6 – Sealing foam
- 7 – Removing loudspeaker => Page 70-41
- 8 – Inner liner

70-31



A70-0548

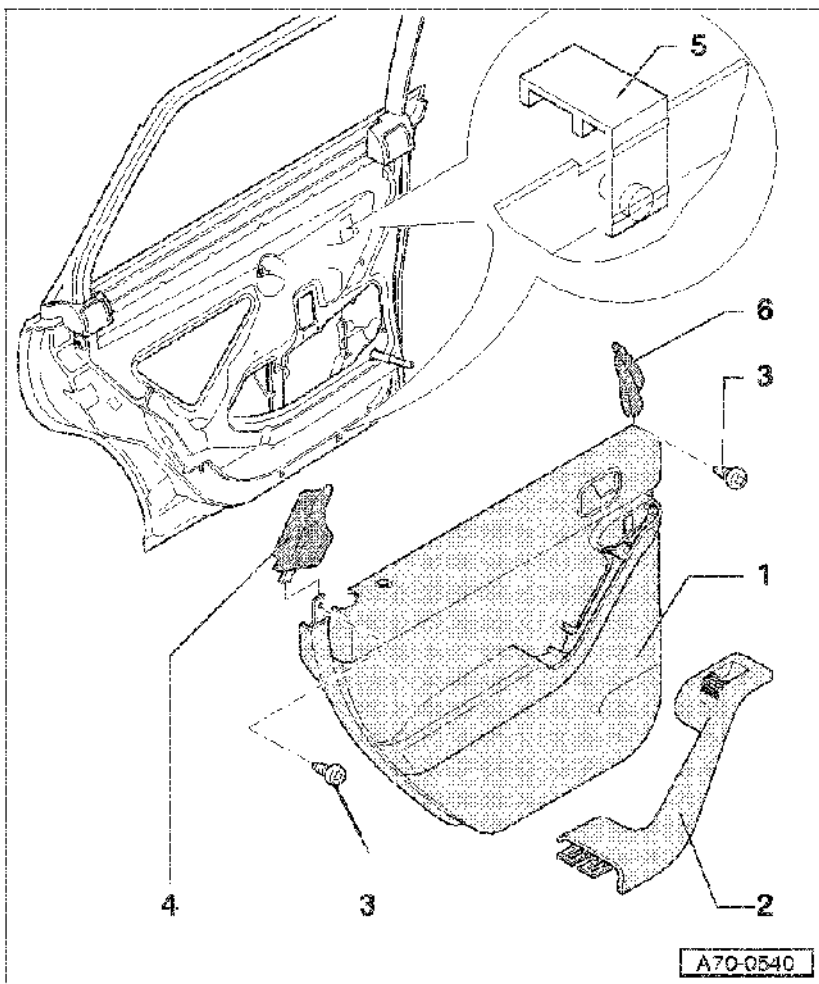
- 9 – Inner transition piece => Page 70-37
- 10 – Remove lower section of grip moulding => Page 70-38
- 11 – Interior door handle => Page 70-42
- 12 – Removing window lifter switch unit => Page 70-39
- 13 – Remove upper section of grip moulding => Page 70-38
- 14 – Removing loudspeaker trim => Page 70-40
- 15 – Removing door warning light => Page 70-41
- 16 – Locating-hook shims

70-32

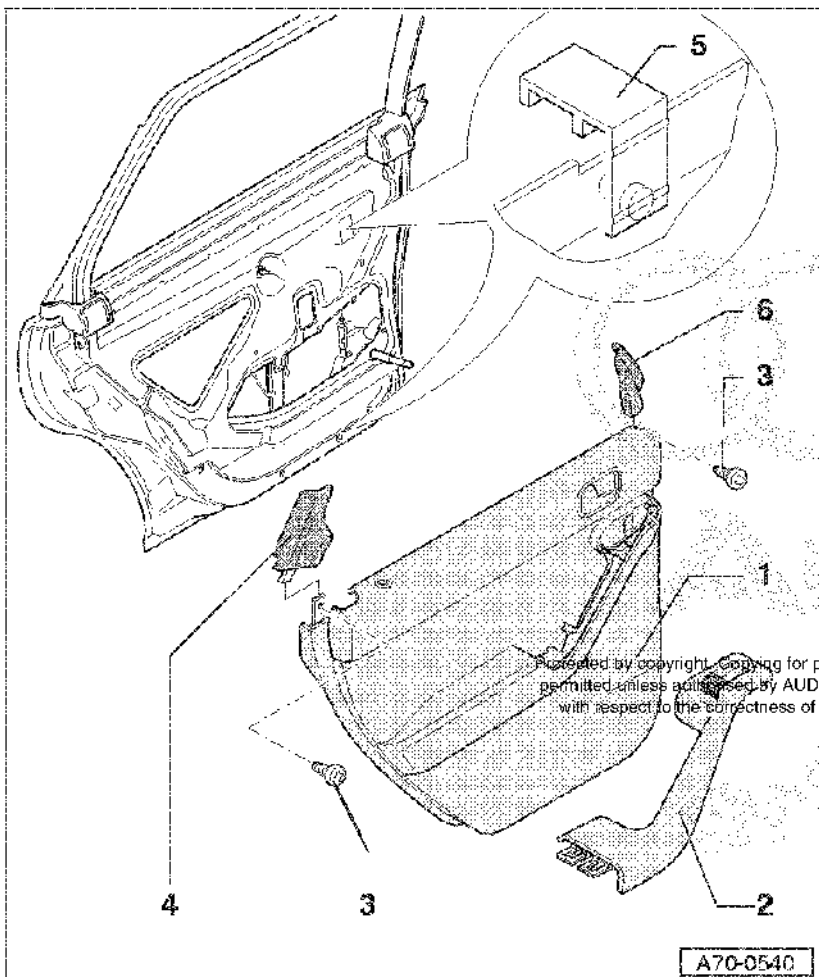
Removing and installing rear door trim

1 – Door trim

- Lever out adapter -4- => Page 70-36
- Lever out inner adapter -6- => Page 70-37
- Unscrew bolt -3- (2x) from door trim -1-.
- Remove upper section of grip moulding => Page 70-38
- Lift door trim about 20 cm upwards and remove from door.
- Detach Bowden cable for interior door handle => Fig. 1



70-33



When installing, the supports -5- (8x) for the location hooks must be inserted.

When installing press centre of door trim onto door.

2 – Upper section of grip moulding

3 – Bolts (2x)

- Tightening torque 2 Nm

4 – Inner transition piece

5 – Clip locators

6 – Outer transition piece

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70-34

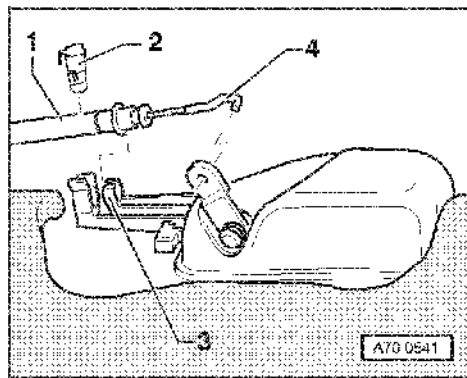


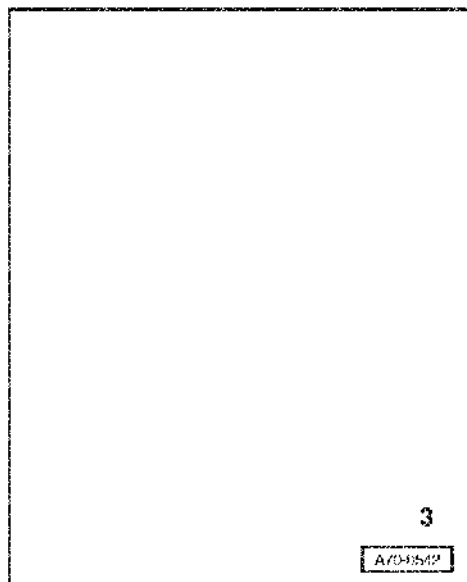
Fig.1 Detaching Bowden cable

- Unfasten clip -2-.
- Pull out Bowden cable -1- from guide -3- and detach.

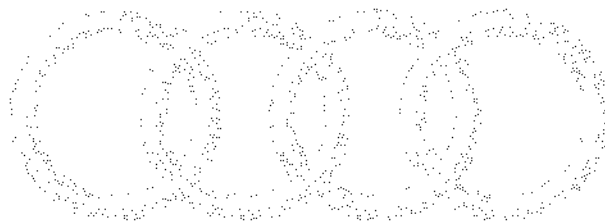
Note:

When installing, ensure hook -4- is facing upwards.

Removing and installing outer adapter



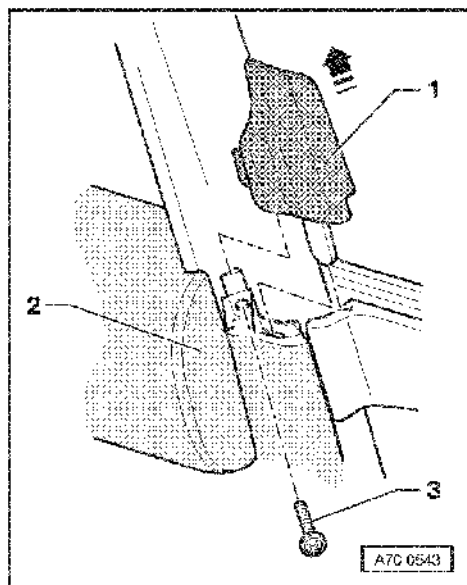
- Lever off adapter -1- from door trim -2- in direction of arrow using a screwdriver.
- 3 - Bolt – 2 Nm



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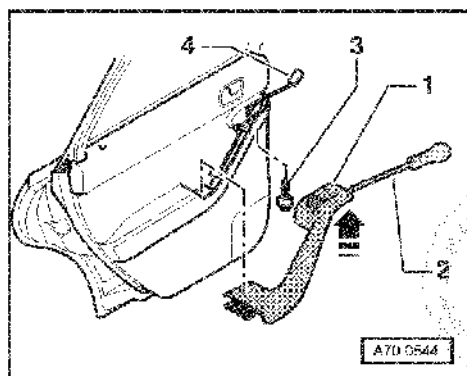
Removing and installing adapter



- ◀ - Lever off adapter -1- from door trim -2- in direction of arrow using a screwdriver.
- When installing, press adapter -1- at -4- behind cover.
- 3 - Bolt - 2 Nm

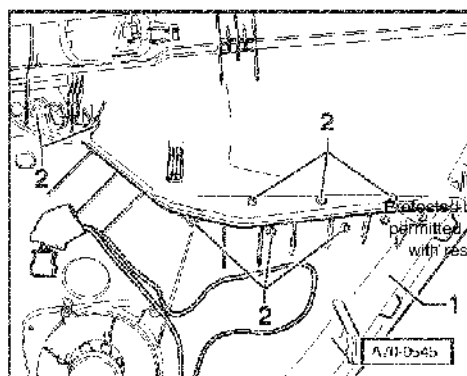
70-37

Removing and installing upper section of grip moulding



- ◀ - Unscrew bolt -2-.
- Carefully lever out upper section of grip moulding -1- in direction of arrow using a screwdriver-2-.
- Unplug connectors for window lifter switch -4- => Page 70-39

Removing and installing lower section of grip moulding



- ◀ - Remove door trim => Page 70-33
- Removing insulation => Page 70-42

Note:

Door trim is shown from rear for greater clarity.

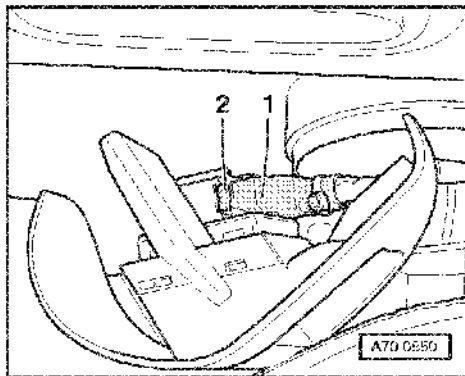
- Unscrew bolts -2- (8x).

Detach lower section of grip moulding at front door trim.

- 1 - Door trim from rear.

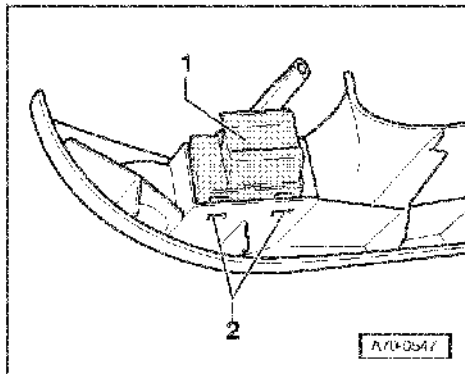
70-38

Unplugging connectors for window lifter switch



- 1 - Connector for window lifter switch
- Press locating hooks -2- and unplug connector.

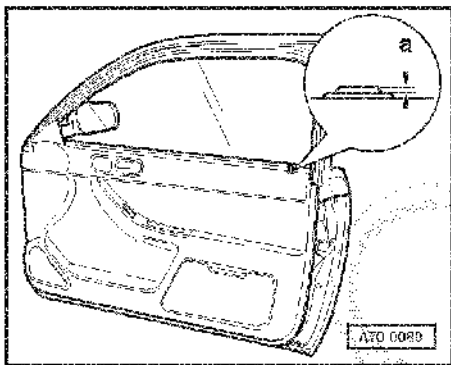
Removing and installing window lifter switch



- Remove upper section of grip moulding => Page 70-38
- Lever out window lifter switch -1- at -2- (4x) with a flat screwdriver.

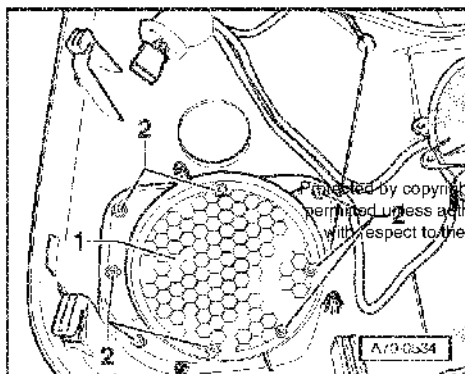
70-39

Adjusting release button



- When locked release button may project by 0 to 2 mm (dimension -a-).

Replacing speaker trim (standard, Bose)

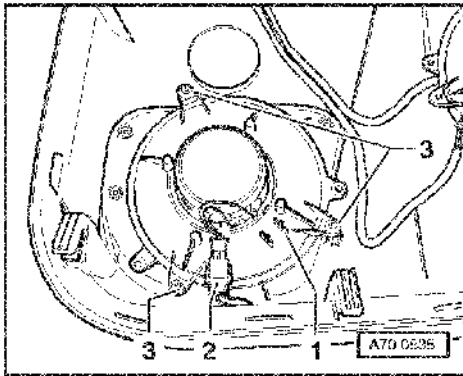


- Drill out old loudspeaker trim -1- at -2- (8x).
- Insert speaker trim -1- from front and attach speaker trim -1- with fasteners -3- (4x).

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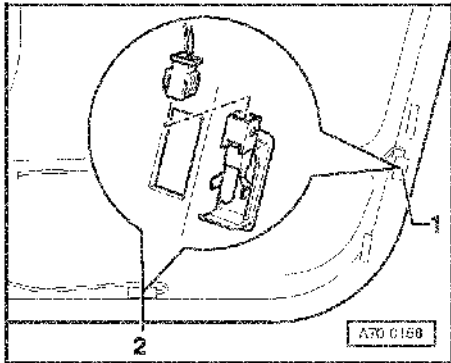
70-40

Removing speaker



- ◀ - Remove door trim => Page 70-33
- Removing insulation => Page 70-42
- Unscrew bolt -3- (3x). Tightening torque 1.5 Nm.
- Remove bass loudspeaker -1- and disconnect electrical connector -2-.

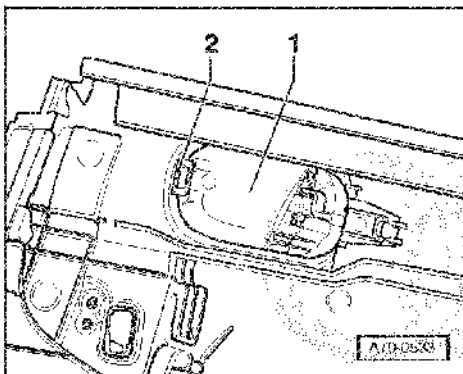
Removing and installing door warning light and footwell light



- ◀ - Use screwdriver to lever out door warning light -1- from below and pull out with cable.
- Disconnect door warning light -1-.
- Use screwdriver to lever out footwell light -2- from front and pull out with cable.
- Unplug connector of footwell light -2-.

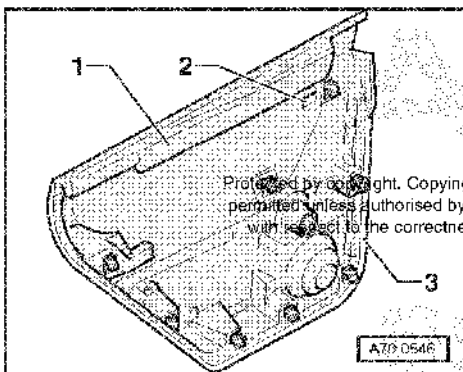
70-41

Removing interior door handle



- ◀ - Remove door trim => Page 70-33
- Release clamp -2- and feed interior door handle -1- forwards.

Removing and installing rear door trim insulation



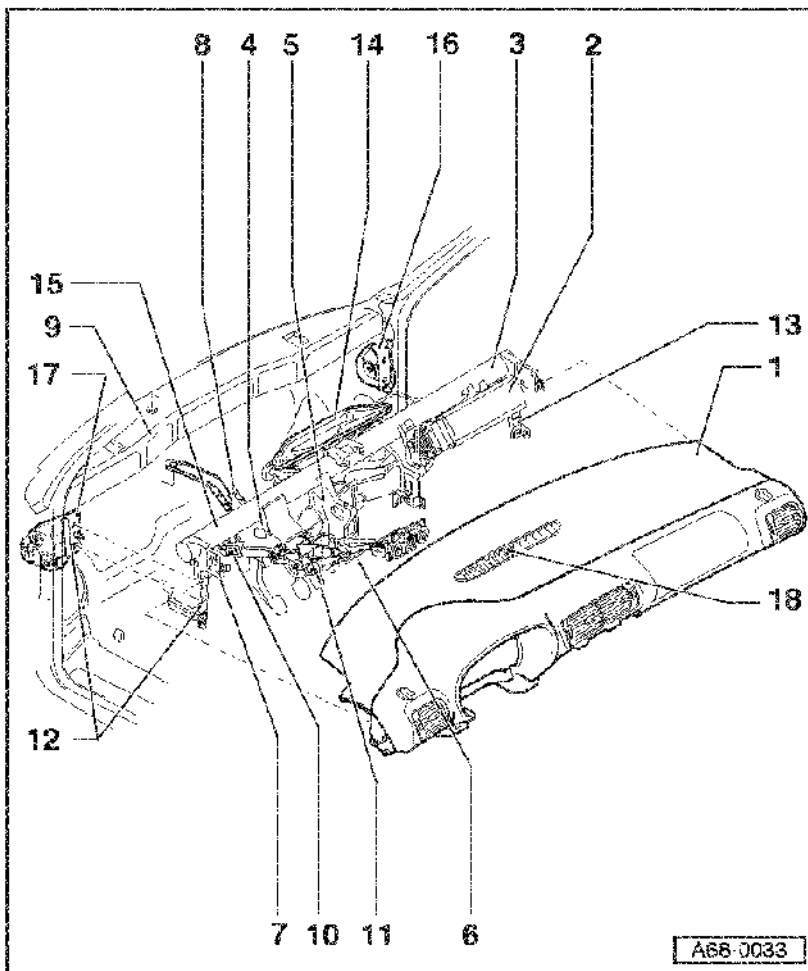
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- ◀ - Remove door trim => Page 70-33
- Insulation -1- must be fitted all round inside of door trim.
- When removing or installing insulation -1- ensure insulation is not damaged when fitting it over locating hooks or connectors.
- Cable cover -2-
- Press on insulation around sealing lip -3-.

70-42

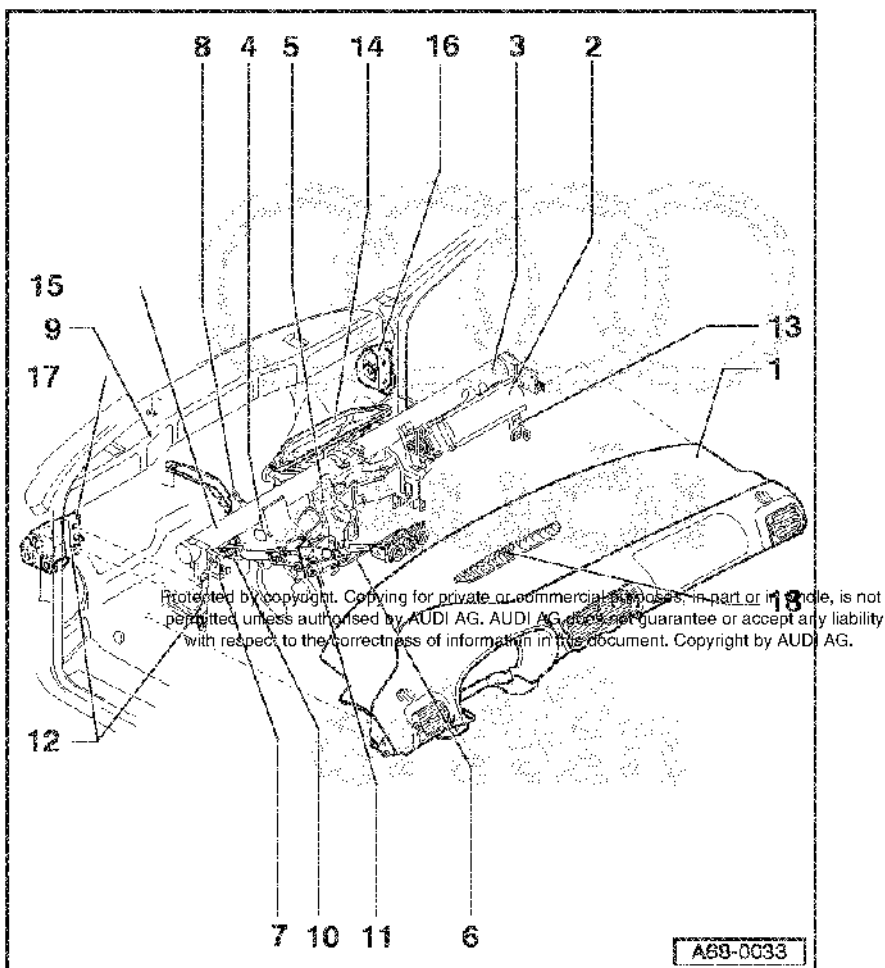
Dash panel

Fitting locations – exploded view



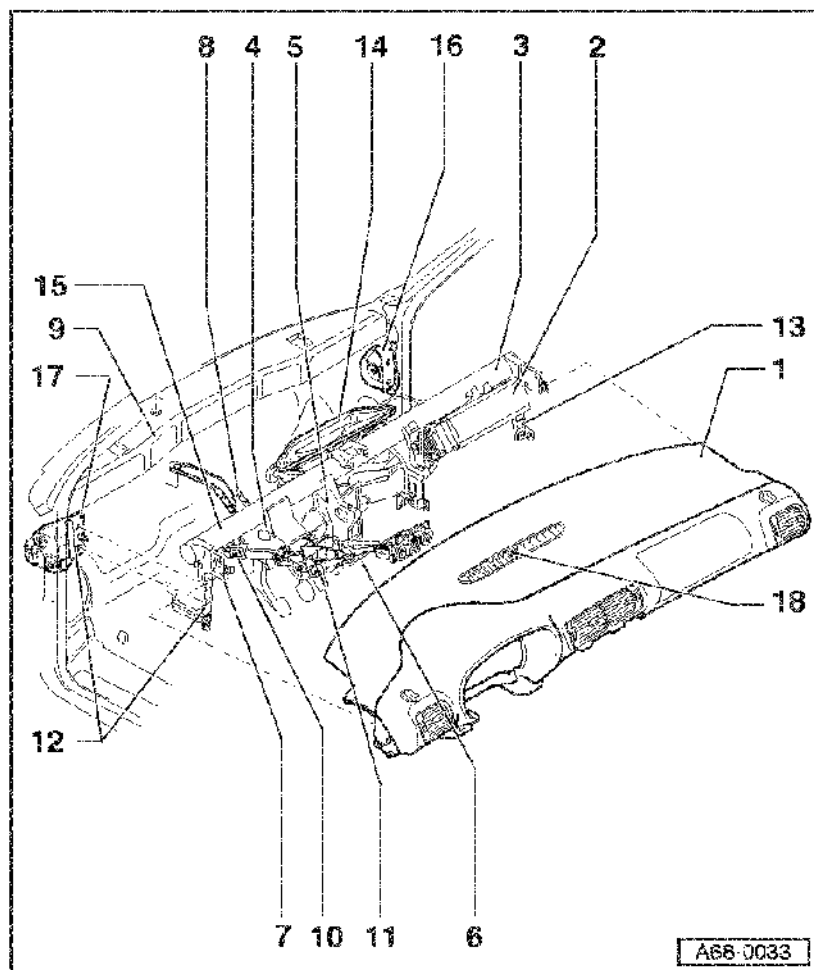
- 1 – Removing dash panel => Page 70-46
- 2 – Removing passenger's airbag
=> Page 69-93
- 3 – Removing central tube => Page 70-53
- 4 – Cable routing in area of steering column => Page 70-56
- 5 – Cable routing in area of centre console => Page 70-57
- 6 – Detaching tunnel brace => Page 70-59

70-43



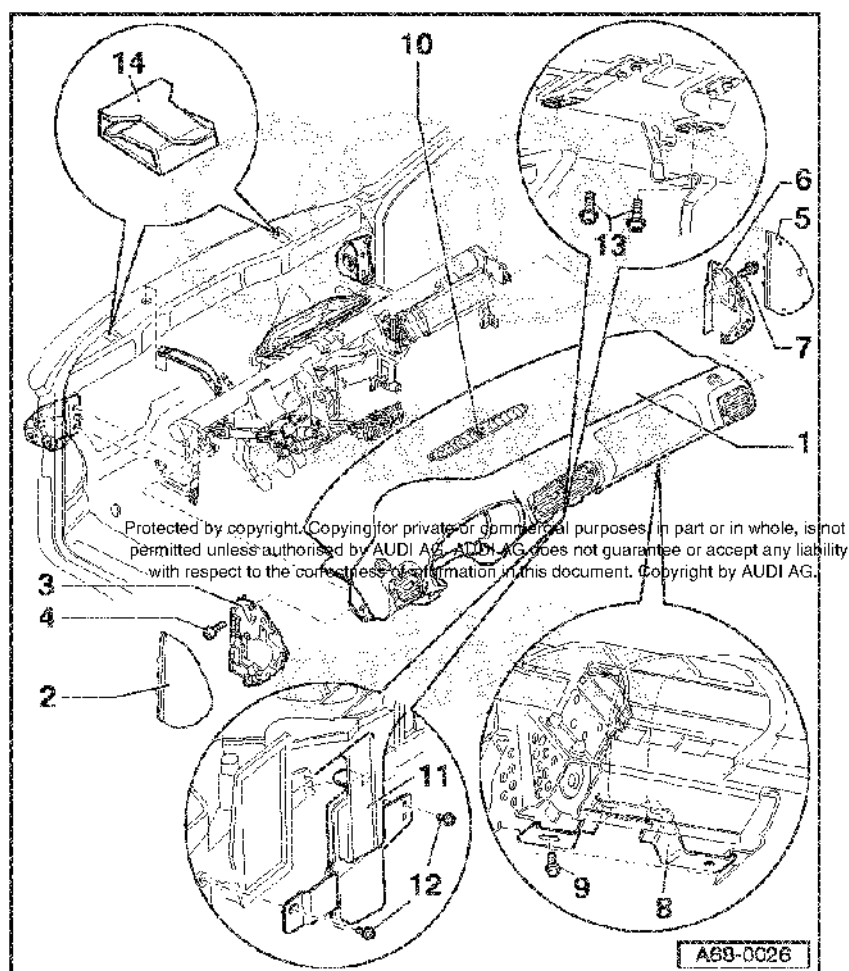
- 7 – Removing relay carrier => Page 70-59
- 8 – Detaching brace over steering column => Page 70-60
- 9 – Removing attachment point in plenum chamber => Page 70-60
- 10 – Removing steering column cover at bottom => Page 70-61
- 11 – Remove steering column
=> Running Gear, FWD and 4WD;
Repair group 48 =>
- 12 – Remove outer left attachment point => Page 70-61
- 13 – Remove outer right attachment point => Page 70-62

70-44



- 14 – Remove air duct => Page 70-62
- 15 – Cable routing from front => Page 70-58
- 16 – Removing left retainer => Page 70-63
- 17 – Removing right retainer => Page 70-64
- 18 – Removing sunlight photosensor (AC only) => Fig. 1

70-45



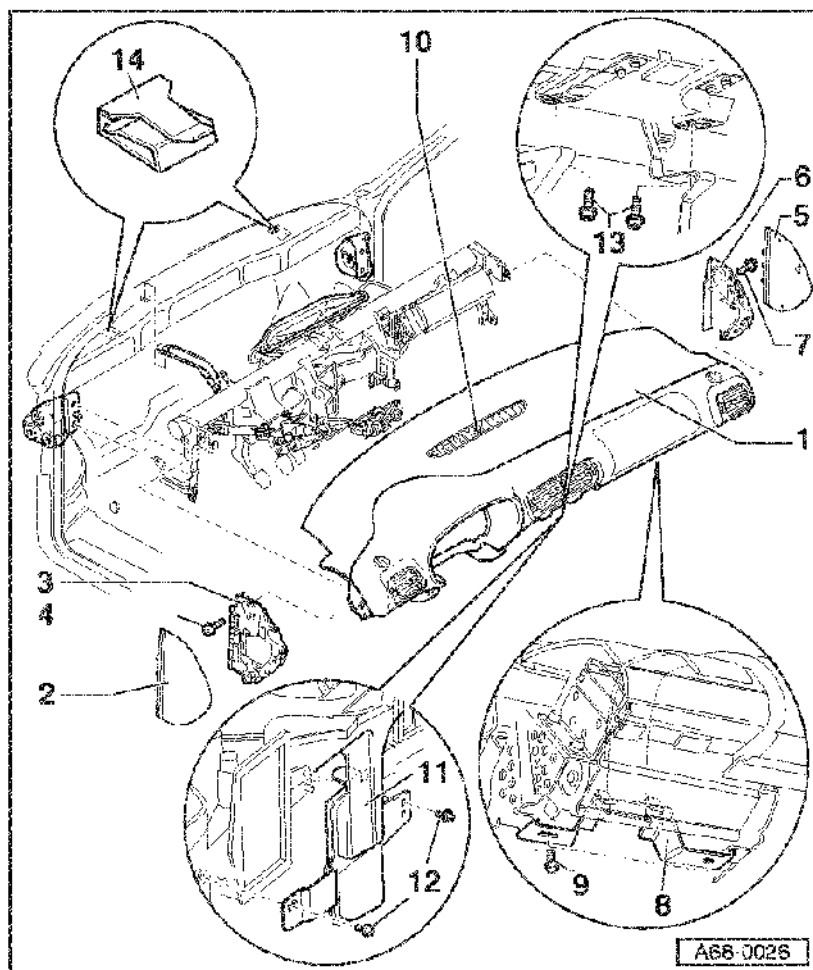
Removing and installing dash-panel

1 – Dash panel

◆ Removing

- Disconnect battery.
 - Unclip cover -2-
 - Unscrew bolts -4- (3x) from left securing plate -3-.
 - Leave securing plate with fuse carrier suspended from wiring.
 - Removing driver's storage compartment => Page 68-8
 - Remove steering wheel up to MY 1998 => Page 69-70
 - as of MY 1998 => Page 69-78
 - Sports steering wheel => Page 69-83
 - Removing steering column switch => Page 70-51
 - Remove steering column surround => Page 70-52
 - Remove dash panel insert
- => Electrical System; Repair group 90 =>

70-46



- Unclip cover -5-
- Unscrew bolts -7- (3x) from right securing plate -6-.
- Removing glove compartment => Page 68-1
- Remove upper section of centre console => Page 68-15
- Remove lower section of centre console => Page 68-9
- Unscrew bolts -9- at bracket -8- behind passenger's airbag.

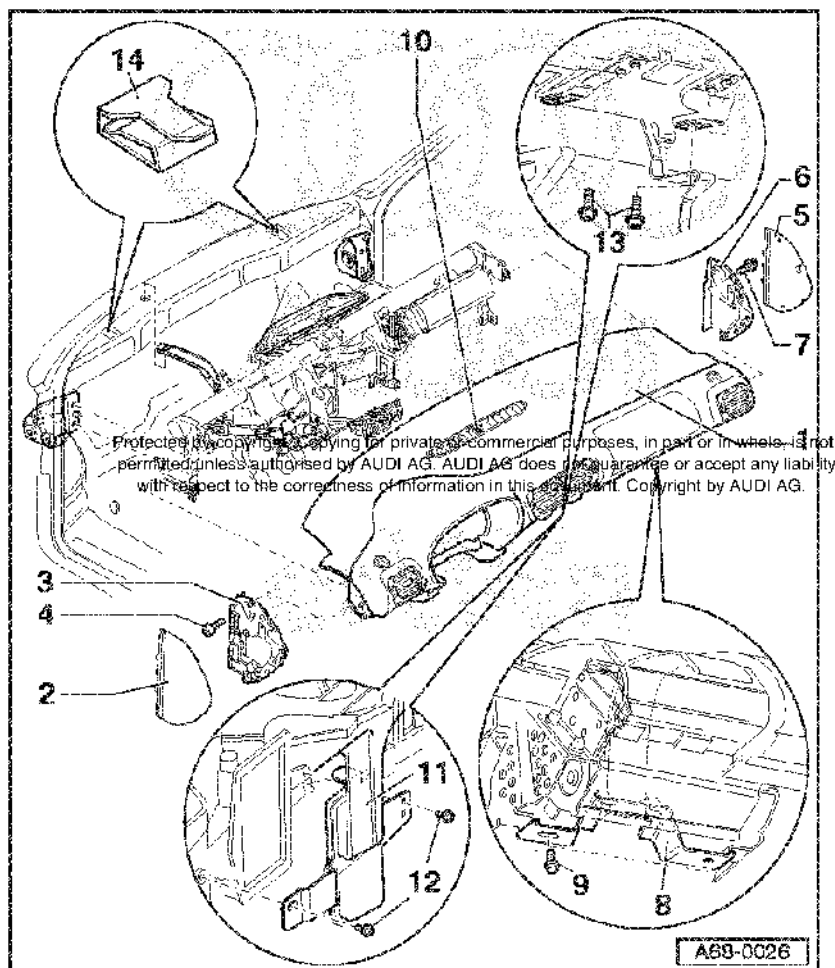
Note:

The bolts are treated with microencapsulated adhesive and should therefore always be replaced.

Before fitting, recut the thread on the threaded insert

- Unscrew bolts -12- from air duct -11- of heater (AC).

70-47



- Detach air duct at top and bottom.
- Unscrew bolts -13- brackets remain on dash panel.
- Pull dash panel forwards out of guide.

◆ Installing

- Push onto clip -14- (2x).
- Check positioning in clips by gently pressing dash panel.
- To facilitate installation of photosensor, attach a cable tie or suitable cord to connector to provide extra length.

2 – Cover

3 – Left securing plate

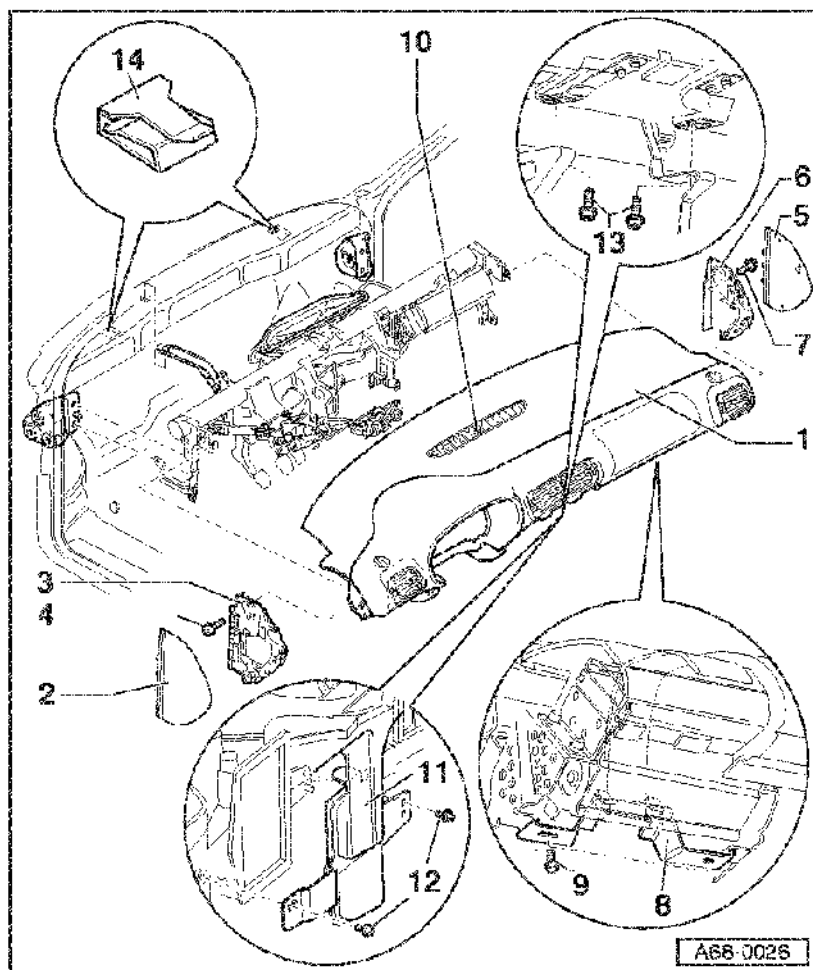
4 – Bolts (3x)

- Tightening torque 4 Nm

5 – Cover

6 – Right securing plate

70-48



- 7 – Bolts (3x)**
– Tightening torque 4 Nm
- 8 – Bracket**
- 9 – Bolts (2x)**
– Tightening torque 12 Nm
- 10 – Photosensor**
– Removing => Fig. 1
- 11 – Air duct**
- 12 – Bolt**
– Tightening torque 4 Nm
- 13 – Bolts (2x)**
– Tightening torque 10 Nm
- 14 – Clamp**

70-49

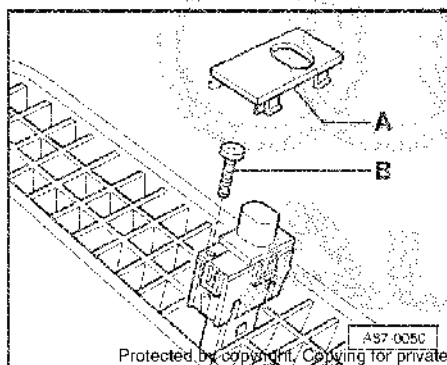


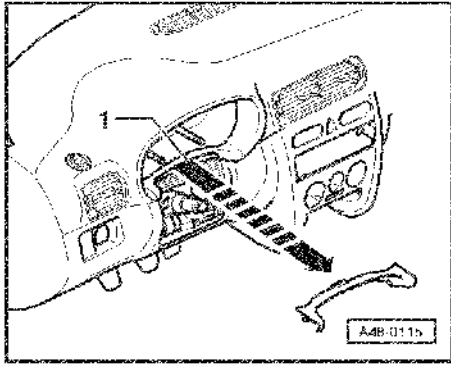
Fig.1 Removing and installing photosensor for sunlight penetration -G107

- Carefully lever off cover -A-.
- Unscrew bolt -B-.
- Lift photosensor and secure cable connector with cord or cable tie.
- Unplug cable connector.

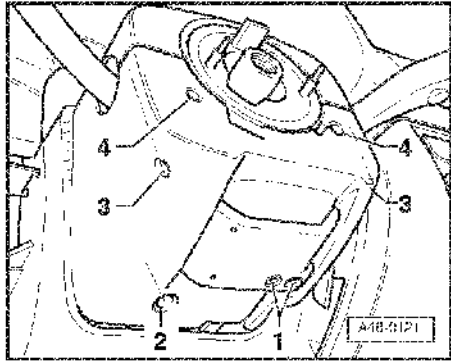
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70-50

Removing and installing steering column switch

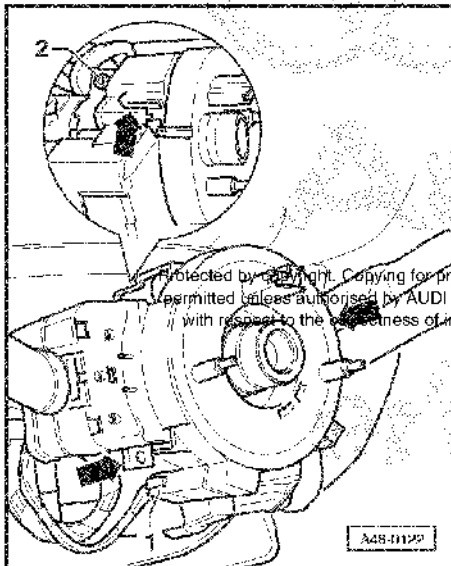


- Disconnect battery earthing strap/cable.
- Lower adjustable steering column as far as possible or pull it all the way out.
- Remove steering wheel
 - up to MY 1998 => Page 69-70
 - as of MY 1998 => Page 69-78
 - Sports steering wheel => Page 69-83
- Detach upper surround.



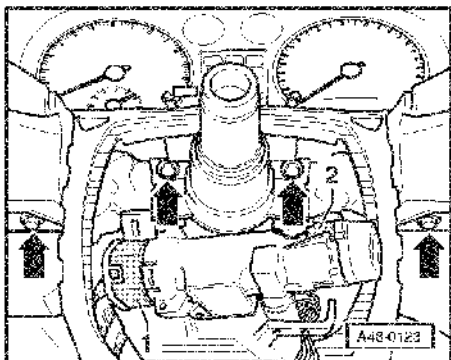
- Remove bolts -3- (2x) and remove top cover.
- Remove handle for adjusting lever after loosening the two bolts -1- (2x).
- Unscrew bolts -4- (2x) in trim of steering column switch.
- Remove trim from steering column switch.
- Unscrew bolt -2-.

70-51



- Loosen bolt for clip -2-.
- Carefully pull steering column switch approx. 15 mm off steering column in axial direction.
- Detach all connectors for steering column switch.

Removing and installing steering column surround



- Remove steering wheel
 - up to MY 1998 => Page 69-70
 - as of MY 1998 => Page 69-78
 - Sports steering wheel => Page 69-83
- Removing steering column switch => Page 70-51
- Unscrew bolts indicated by arrow (4x).
- Tightening torque 4 Nm

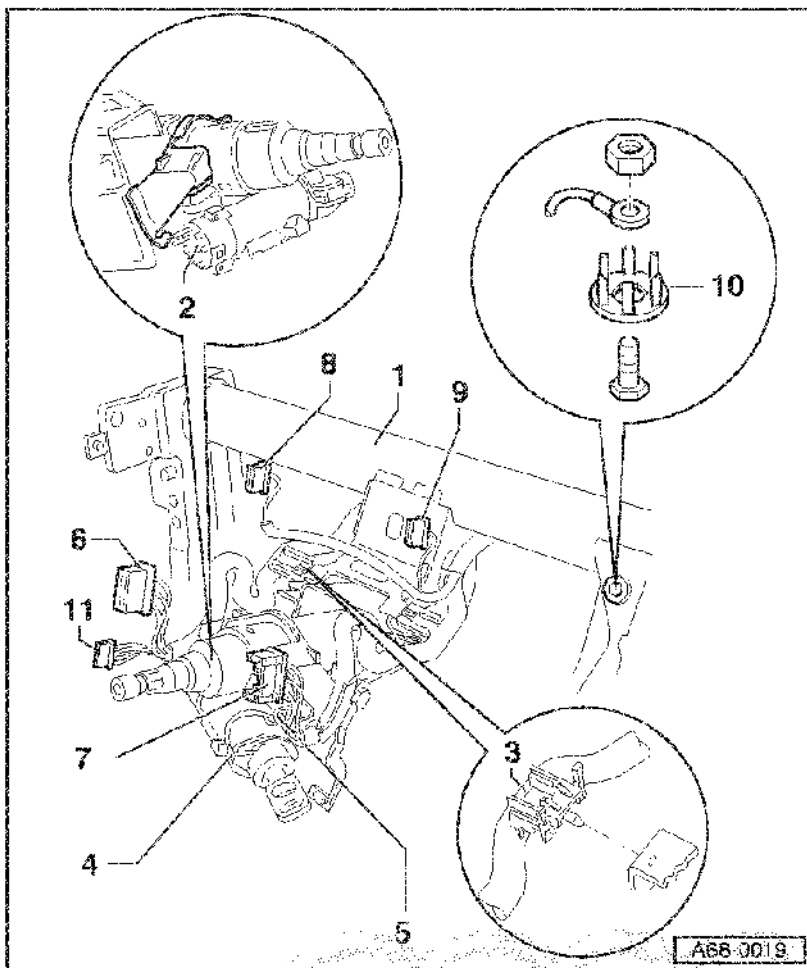
70-52

Removing and installing dash panel central tube

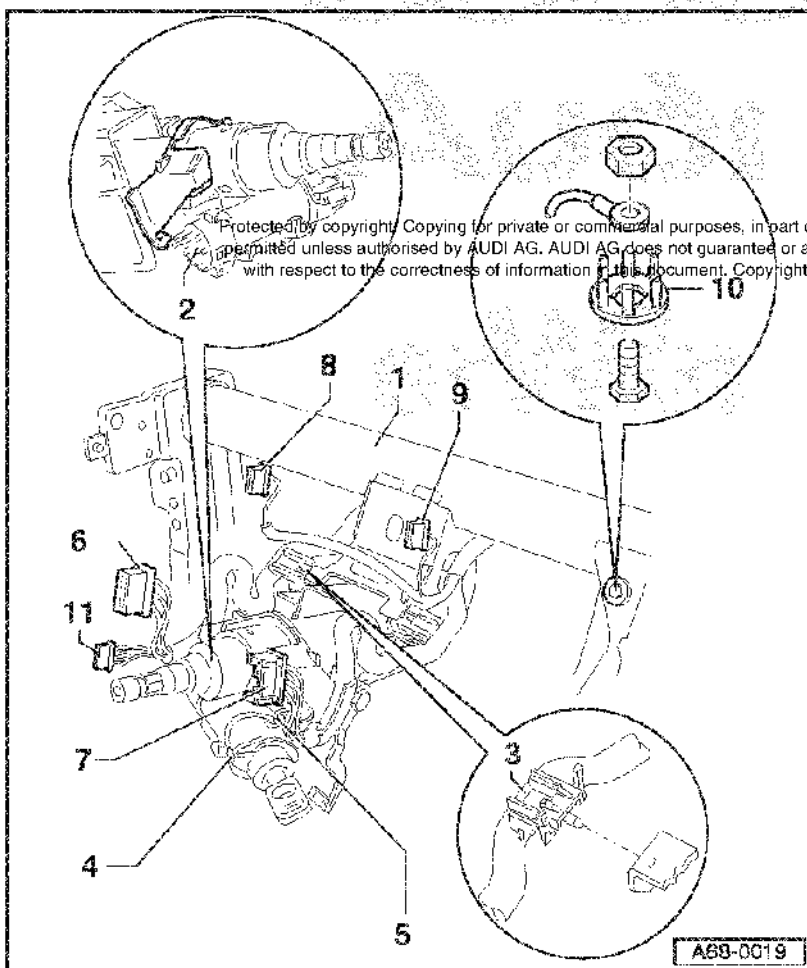
1 - Central tube

◆ Removing

- Removing dash panel => Page 70-43
- Remove passenger's airbag => Page 69-93
- Disconnect plug -2- at ignition/starting lock
- Detach bracket -3- for wiring harness of steering column switch on left and right.
- Pull of plug for reading coil-4-.
- Cut open cable tie -5-.
- Unscrew earthing point -10-.
- Unscrew earthing point => Page 70-57
- Lever out cable tie with catch => Page 70-57

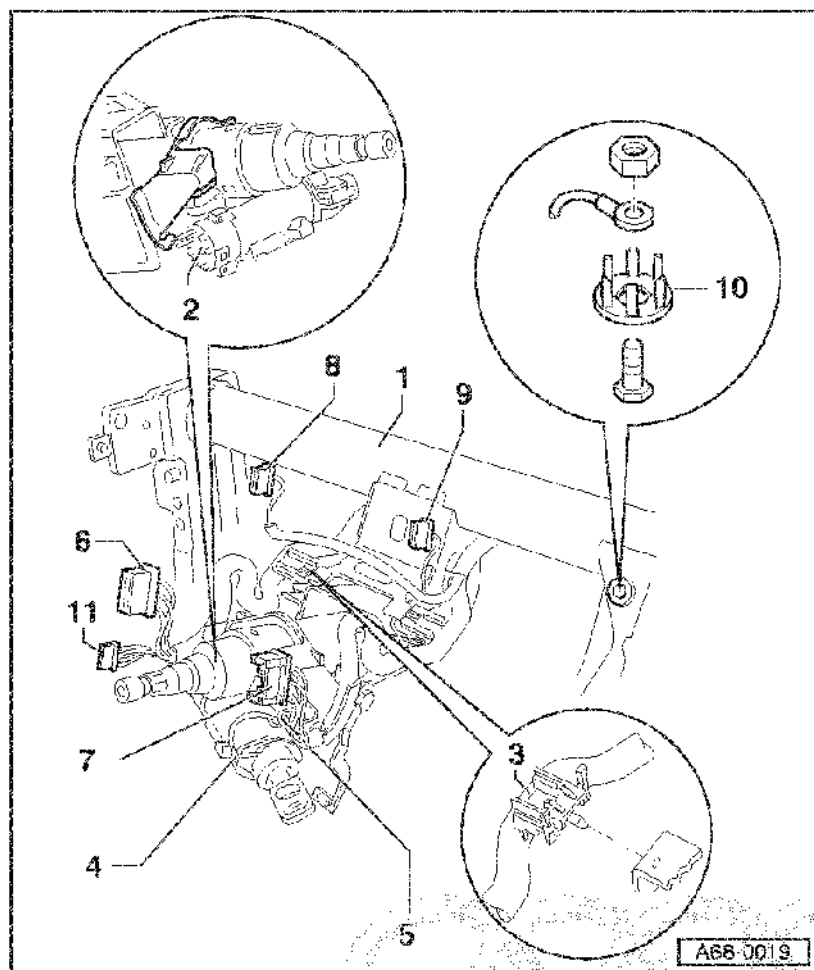


70-53



- Detach tunnel brace => Page 70-59
 - Remove relay carrier => Page 70-59
 - Detach brace over steering column => Page 70-60
 - Unscrew bolt in plenum chamber => Page 70-60
 - Remove steering column cover at bottom => Page 70-61
 - Remove steering column.
- => Running Gear, FWD and 4WD;
Repair group 48=>
- Remove outer left attachment point => Page 70-61
 - Remove outer right attachment point => Page 70-62
 - Remove air duct => Page 70-62
 - Lever out locking lug => Page 70-58
 - Push through plug catch from front => Page 70-58

70-54

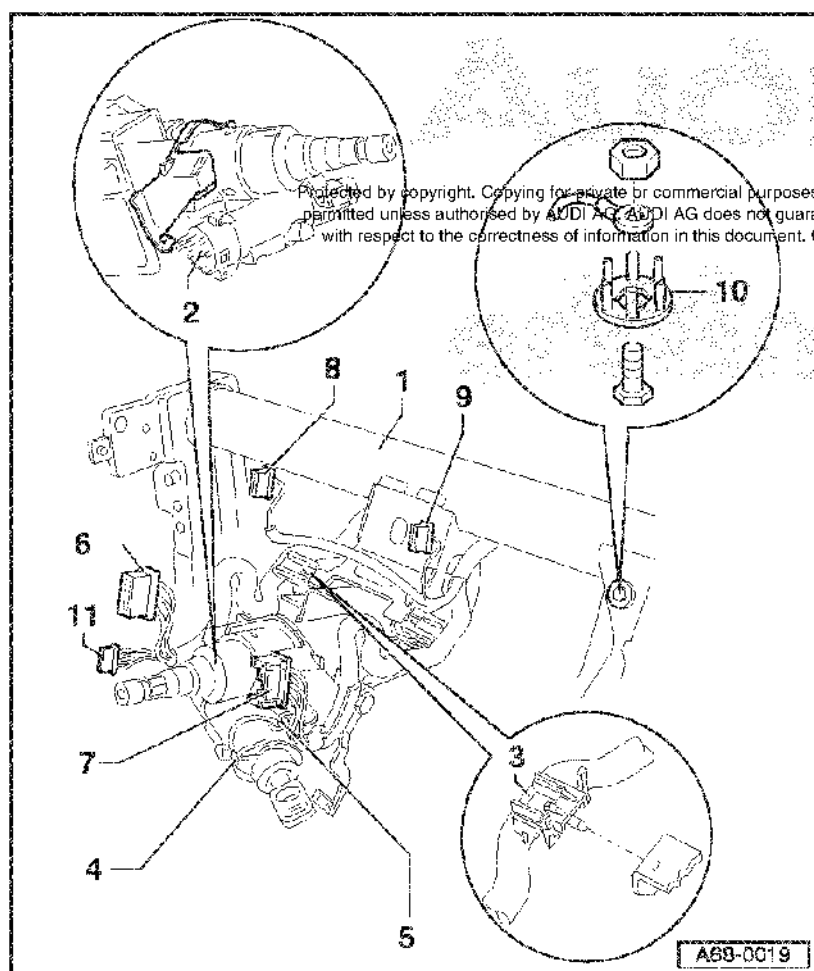


- Lever out cable tie with catch
=> Page 70-58
- Pull out fastening element towards rear => Page 70-58
- Lever out or push through in remaining clip fastenings.
- Remove central tube.

◆ Installing

- If any of the retainer clips or tabs break when removing, use an extra cable tie to attach wiring harness.
- Renew any cable ties which have been cut.
- Cut off excess length on all new cable ties.
- Carry out remainder of installation in reverse order of removal.

70-55



Cable routing at steering column

2 - Connector

3 - Bracket

- Bracket must engage on installation.

4 - Connector

5 - Cable tie

- Cut off excess length when installing.

6 - Connector for steering column switch (Light/turn signal)

7 - Connector for steering column switch (Wiper)

8 - Connector for dash panel enter (blue)

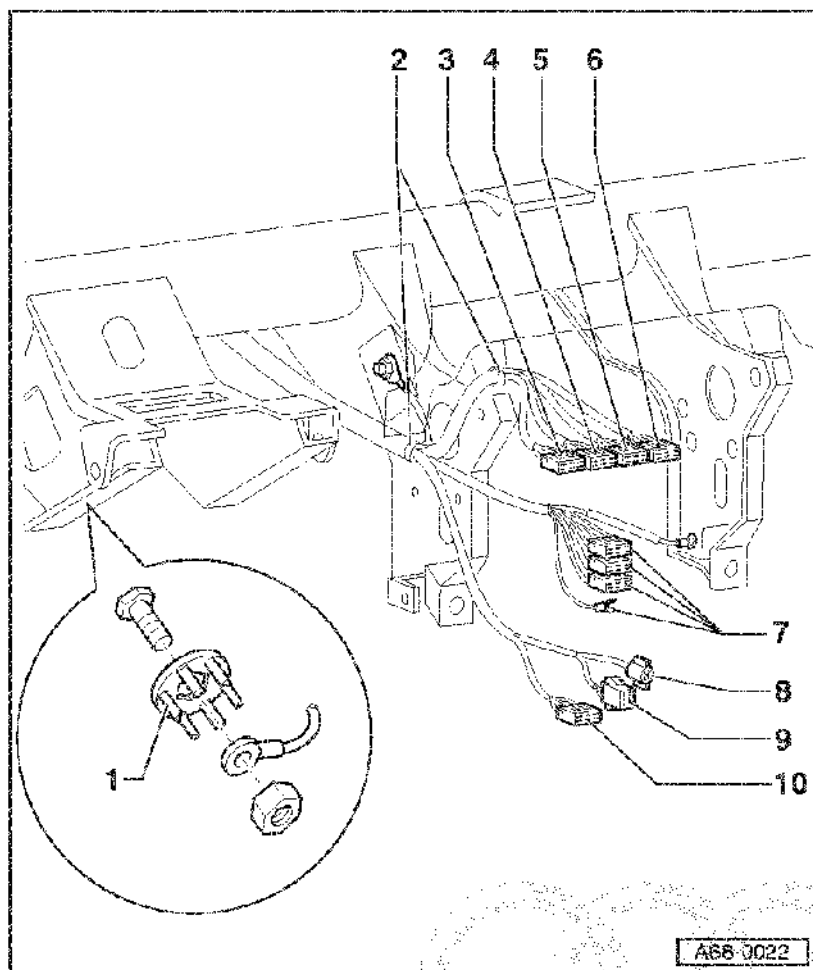
9 - Connector for dash panel enter (green)

10 - Earthing point

- Tightening torque 8 Nm

11 - Plug for coil connector

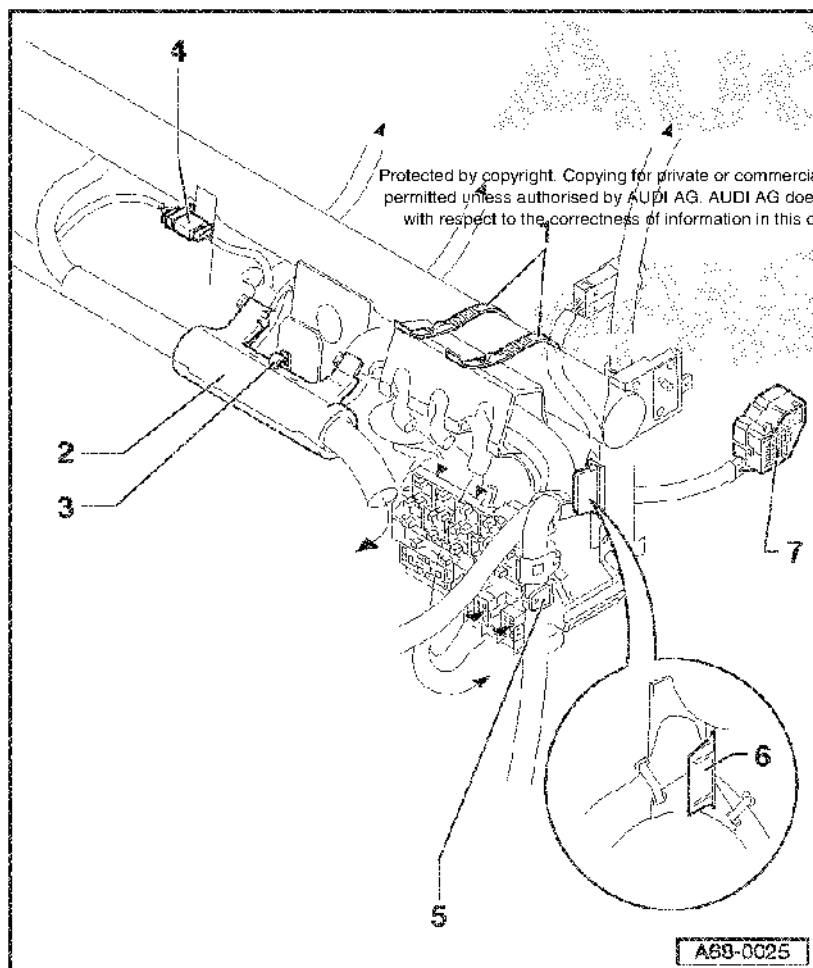
70-56



Cable routing around centre console

- 1 – Earthing point
– Tightening torque 8 Nm
- 2 – Cable tie
- 3 – Connector for driver's seat heating
- 4 – Connector for rear window heating
- 5 – Connector for hazard warning lights
- 6 – Connector for passenger's seat heating
- 7 – Connector for radio
- 8 – Connector for cigarette lighter
- 9 – Connector for ashtray light
- 10 – Diagnostic connector

70-57



Cable routing from rear

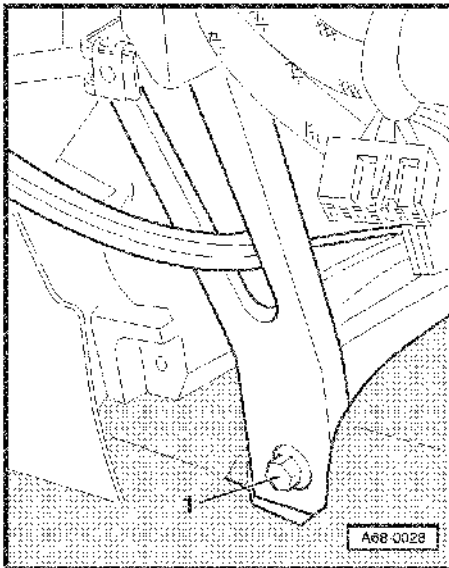
Note:

For greater clarity, the central tube and wiring harness are shown from rear.

Pull out the central tube as far as possible to facilitate the following operations.

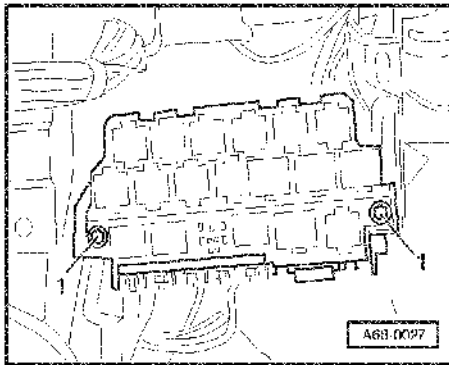
- 1 – Cut open cable tie -1- (2x)
- 2 – Cable duct
- 3 – Retainer clip
– Lever out locking lug.
- 4 – Connector
– Press in connector retainer from the front.
- 5 – Cable tie
– Lever out cable tie with retainer clip.
- 6 – Fastening element
- 7 – Fuse carrier

70-58



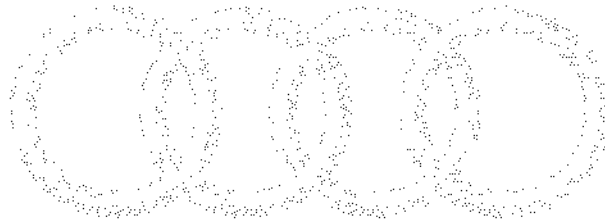
Unscrewing tunnel brace

- ◀ – Unscrew bolt -1- at bottom (1x) and bolts at top (2x). Tightening torque 14 Nm.

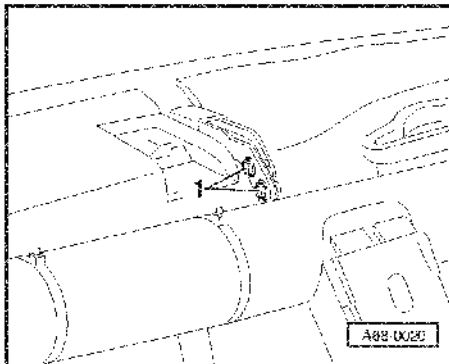


Unscrewing relay carrier

- ◀ – Unscrew bolt -1- (2x). Tightening torque 2 Nm.
- Leave relay carrier suspended from wiring.



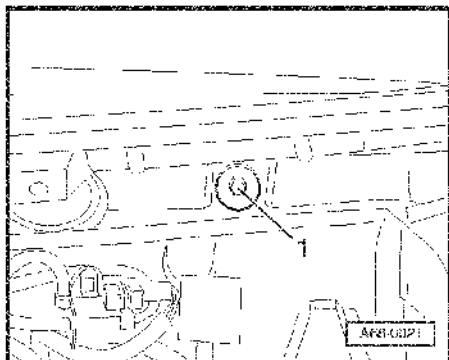
70-59



Removing brace over steering column

- ◀ – Unscrew bolts -1- (2x). Tightening torque 12 Nm.

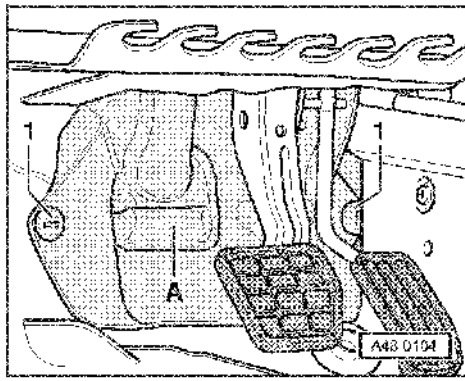
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Unscrewing bolt in plenum chamber

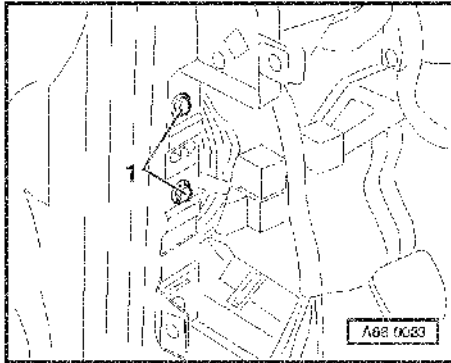
- ◀ – Remove wiper motor.
- = > Electrical System; Repair group 92 = >
- Unscrew bolt -1-. Tightening torque 25 Nm.
- When installing, apply white body sealant to washer of bolt -1- to prevent leaks into passenger compartment.

70-60



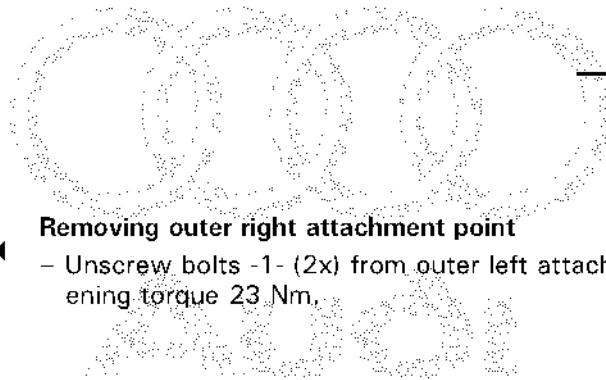
Removing lower steering column cover

- ◀ – Unscrew plastic nut -1- and remove cover -A-.



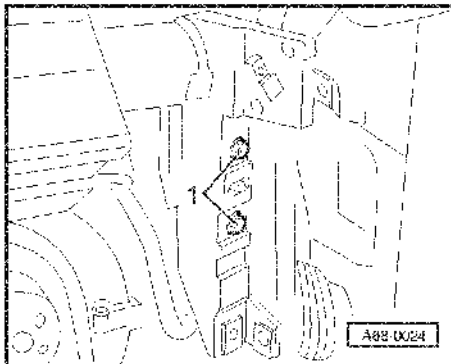
Removing outer left attachment point

- ◀ – Unscrew bolts -1- (2x) from outer left attachment point. Tightening torque 23 Nm.



Removing outer right attachment point

- ◀ – Unscrew bolts -1- (2x) from outer left attachment point. Tightening torque 23 Nm.



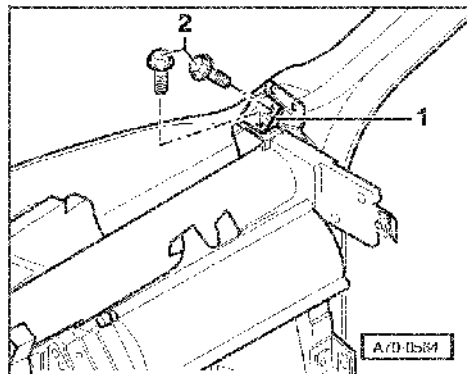
Removing air duct

- ◀ – Lift out air duct for defroster vent.

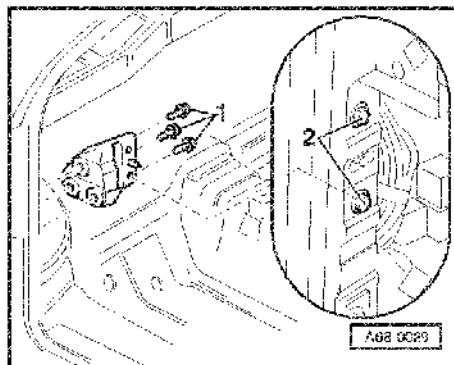
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Removing and installing assembly bracket

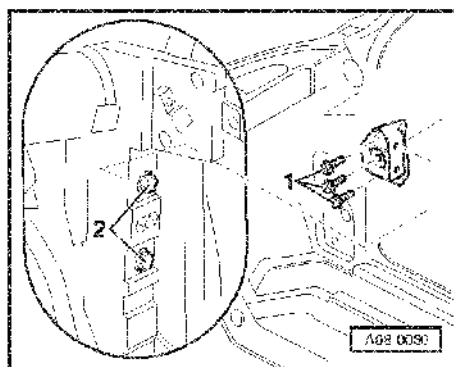


- ◆ Left and right assembly brackets installed.
- Unscrew bolts -2- (2x). Tightening torque 23 Nm.
- Remove assembly bracket -1-.



Removing left retainer bracket

- Removing driver's storage compartment => Page 68-8
- Unscrew bolts -2- (2x). Tightening torque 23 Nm.
- Unscrew bolt -1- (3x). Tightening torque 23 Nm.
- When installing, align height of dash panel with door trim.



Removing right retainer bracket

- Removing glove compartment => Page 68-1
- Unscrew bolts -2- (2x). Tightening torque 23 Nm.
- Unscrew bolt -1- (3x). Tightening torque 23 Nm.
- When installing, align height of dash panel with door trim.

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Roof trim without head airbag

Removing and installing moulded headliner and sun vi- sors

1 – Moulded headliner

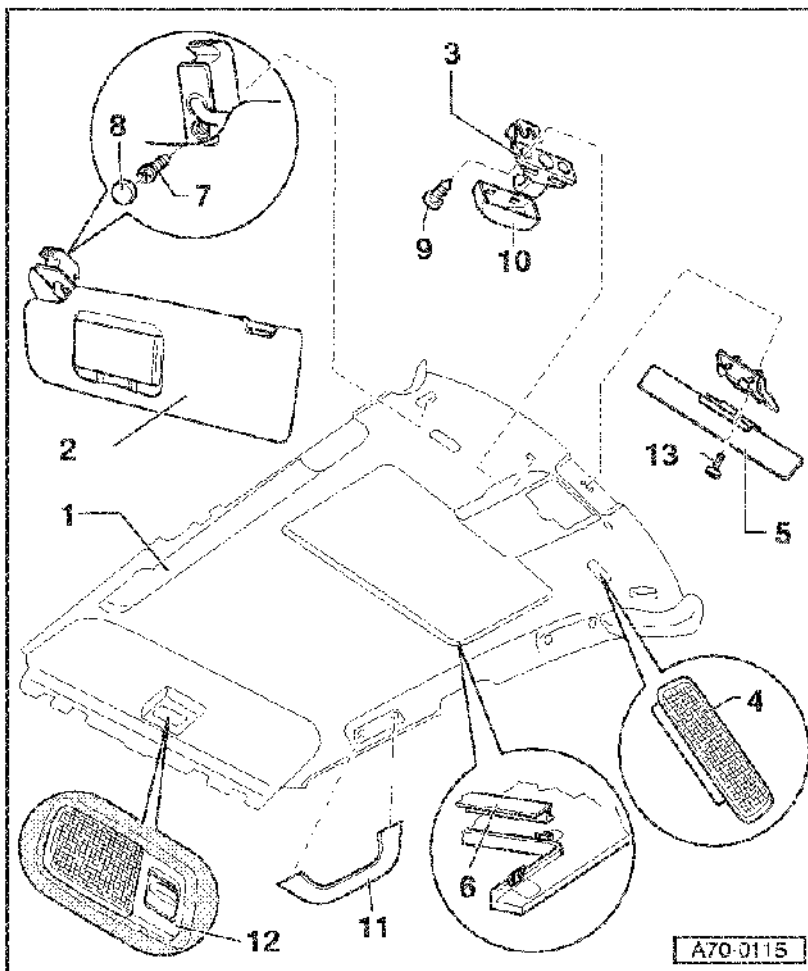
◆ Removing moulded headliner:

- Remove A-pillar trim => Page 70-83
- Remove B-pillar trim

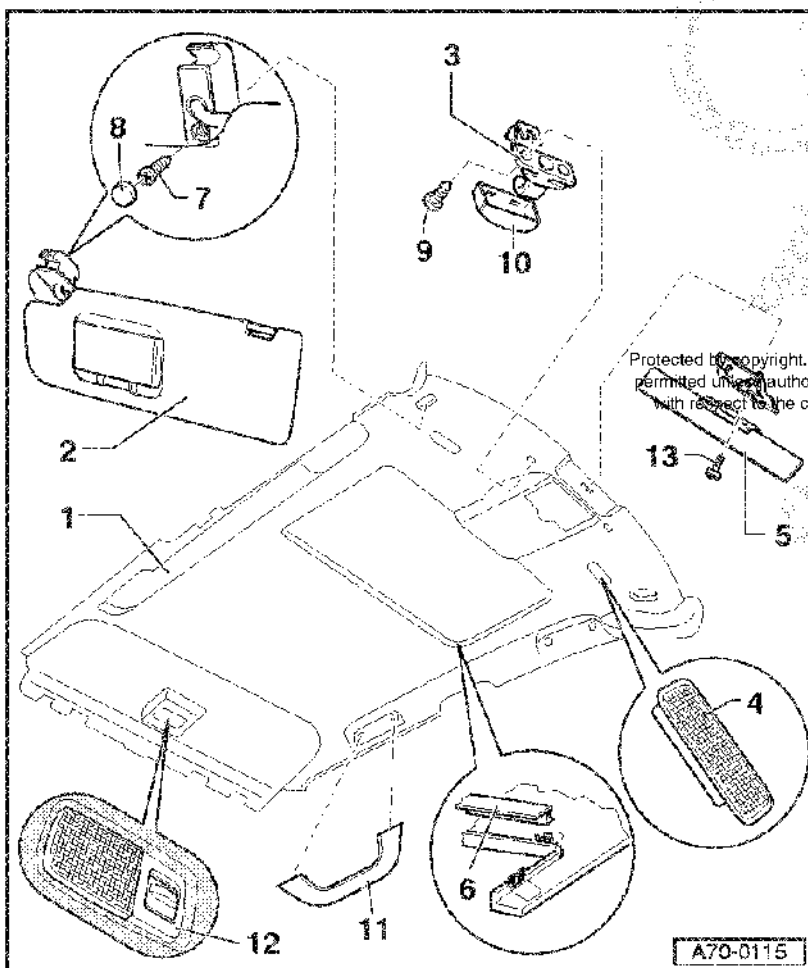
3-door vehicles => Page 70-84

5-door vehicles => Page 70-97

- Remove D-pillar trim in 3-door vehicles => Page 70-91
- Remove C/D-pillar trim in 5-door vehicles => Page 70-105
- Remove sun visor => Page 70-68
- Remove bracket for sun visor => Page 70-68

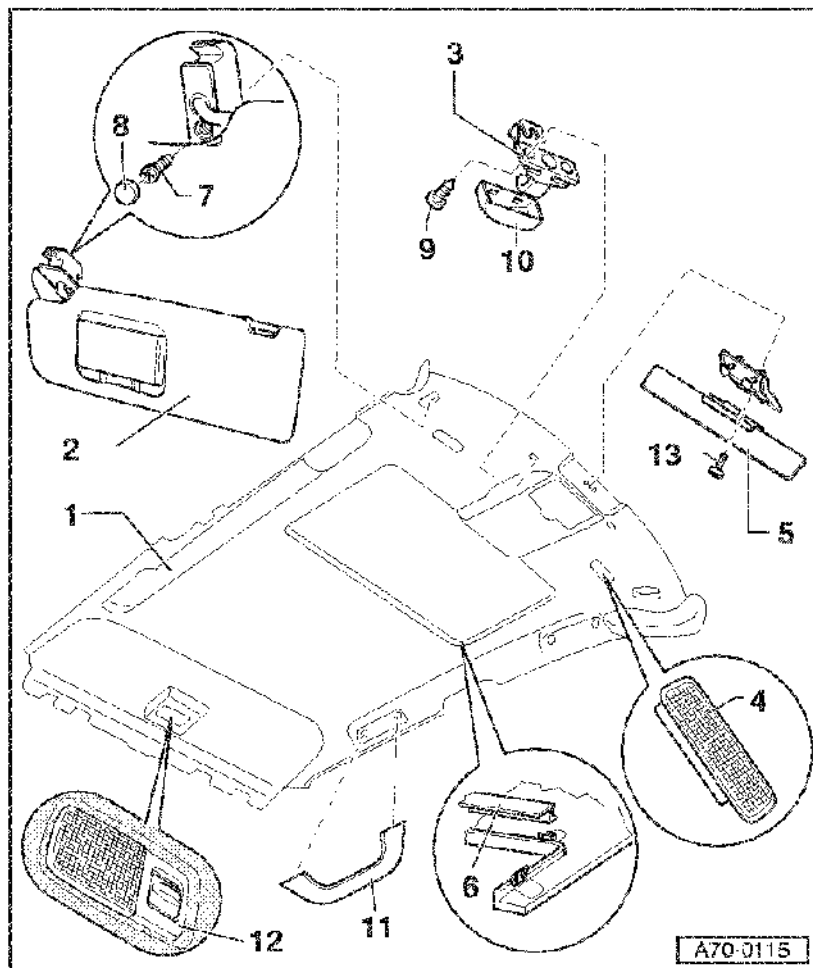


70-65



- Remove centre of sun visor => Page 70-69
- Use screwdriver to lever out lighting for sun visor-4- left and right.
- Lever out cover frame -6- on models with sunroof.
- Remove cover for moulded headlining cut-out and reading lamp
- MY 1999 => Fig. 1
- MY 2000 => Fig. 2
- Remove grab handles (4x) => Fig. 3
- Remove rear interior light -12-
- Remove roof frame trim => Page 70-87
- Position gear lever or selector lever as far forward as possible.
- Tilt backrest of passenger's seat as far back as possible.

70-66



- Tilt backrest of driver's seat as far back as possible.
- A second person is required to support the moulded headliner.
- Detach door seals / side window weatherstrip in vicinity of moulded headliner.
- Unclip moulded headliner at rear (1x).
- Pull moulded headliner towards rear of vehicle to remove.

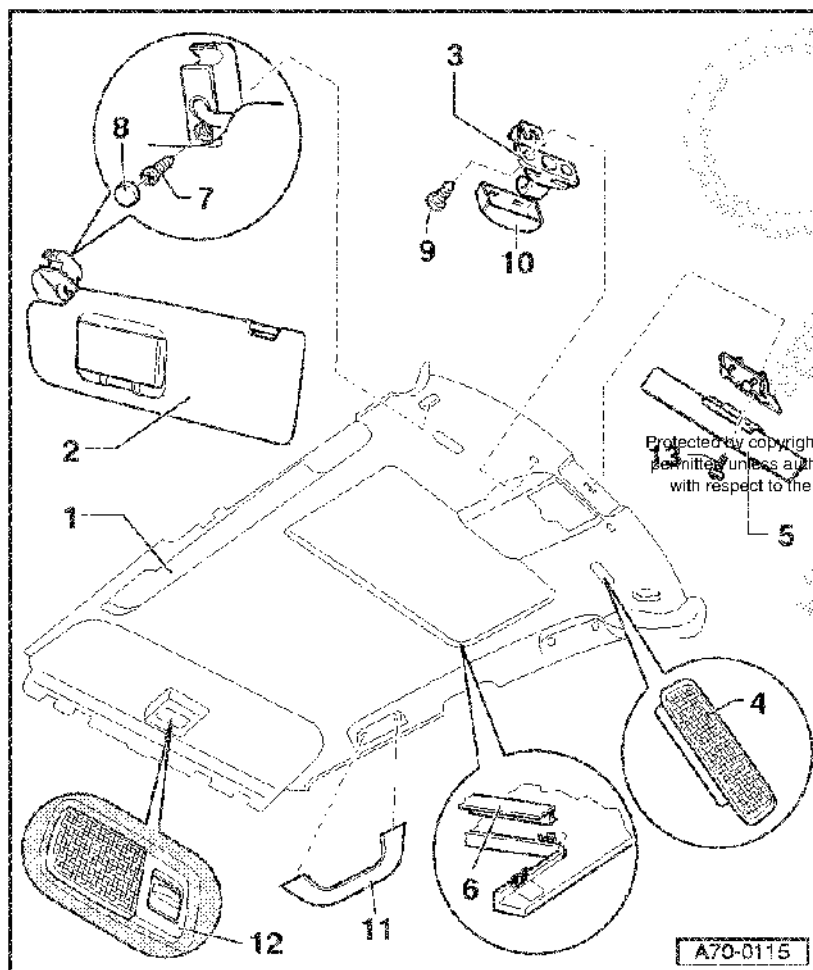
◆ Installing

- Fit door seals/side window weatherstrip.
- Slide in moulded headliner from rear and clip in at rear.

Note:

Make sure to follow installation sequence, as otherwise roof trim cannot be centred.

70-67



- Carefully press moulded headliner over door seal/side window weatherstrip (if necessary with the aid of a plastic wedge).
- Clip in frame trim for sunroof.
- Install rear interior light (switch facing passenger's side).
- Install sun visor and sun visor bracket.
- Install grab handles.
- Carry out remainder of installation in reverse order of removal.

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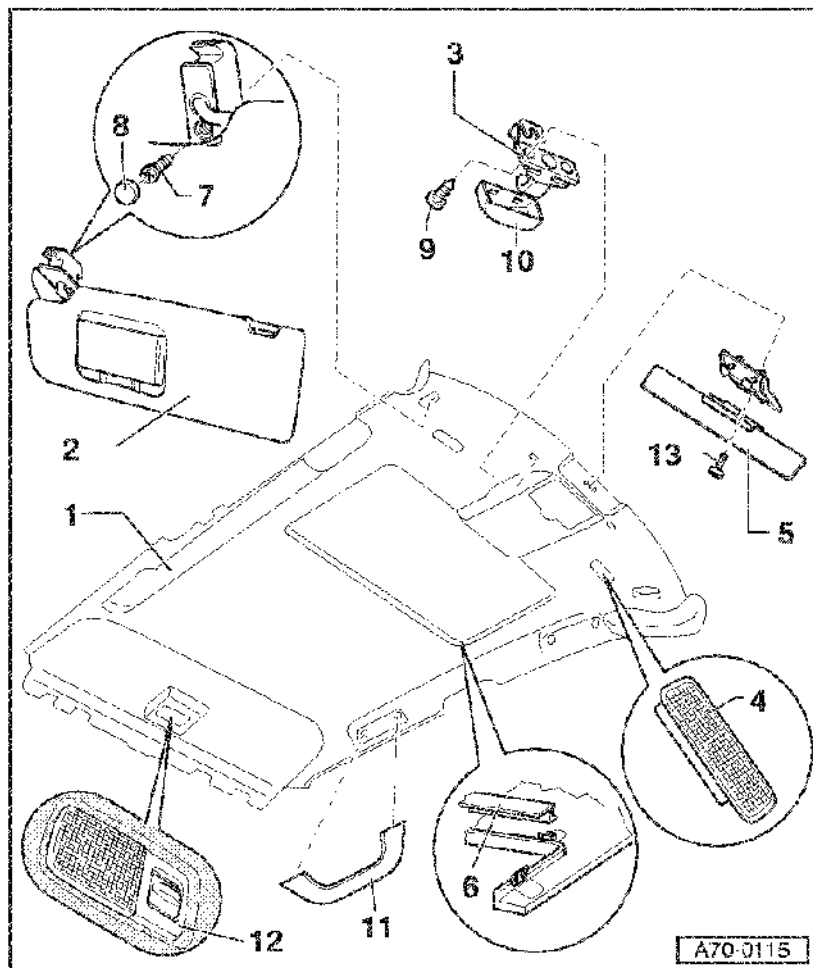
2 – Sun visor

- Unclip sun visor -2- from bracket -3- unclip trim cap -8- and unscrew bolt -7-.

3 – Sun visor bracket

- Lever cap -10- off bracket for sun visor and Unscrew bolts -9-.

70-68



4 – Sun visor light

5 – Centre sun visor

– Unscrew bolt -13- for centre sun visor and remove sun visor -5-.

6 – Frame trim for sliding roof

7 – Bolt

8 – Trim cap

9 – Bolt

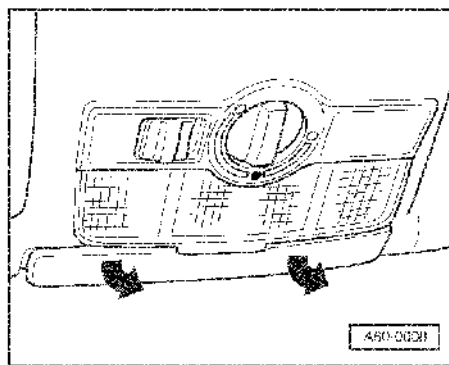
10 – Trim cap

11 – Grab handles (4x)

12 – Rear interior light

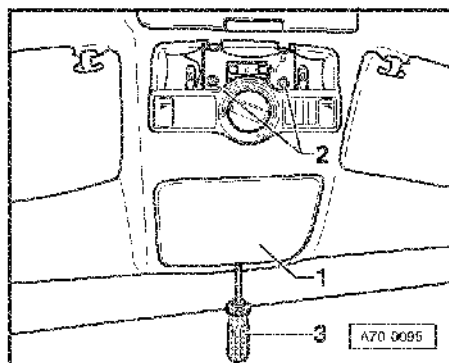
13 – Bolt

70-69



◀ Fig.1 Removing and installing cover for moulded headlining cut-out and interior light ▶ MY 2000

– Unclip trim from cover in direction of arrow and detach.



◀ – Unscrew bolts -2- (2x); and unplug connectors.
– Use screwdriver -3- to lever out moulded headlining -1- from rear.

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70-70

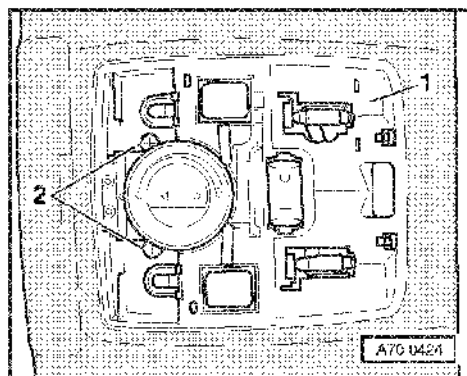


Fig.2 Removing and installing cover for moulded headlining cut-out MY 2000 >

- ◀ – Unclip caps starting from front.
- Unscrew bolts -2- (2x).
- Remove cover -1- from front.
- Detach connectors.

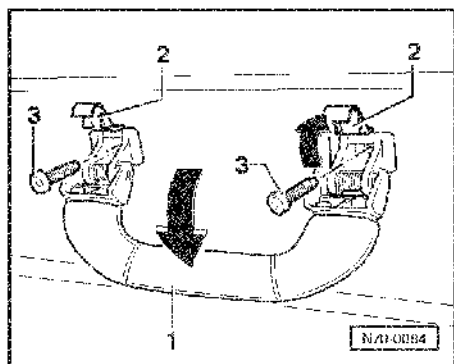
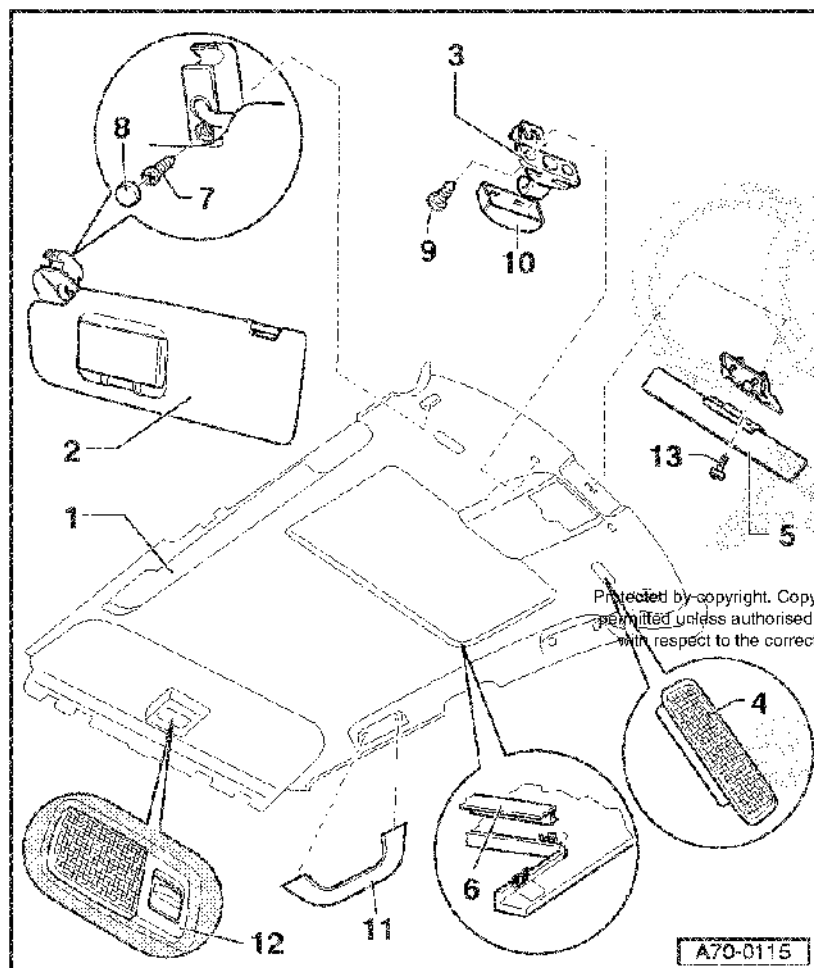


Fig.3 Removing and installing grab handle

- ◀ – Fold down grab handle -1-.
- Lever open covers -2- with screwdriver.
- Unscrew bolts-3- and remove grab handle -1-.

70-71



Roof trim with head airbag

Removing and installing moulded headliner and sun visors

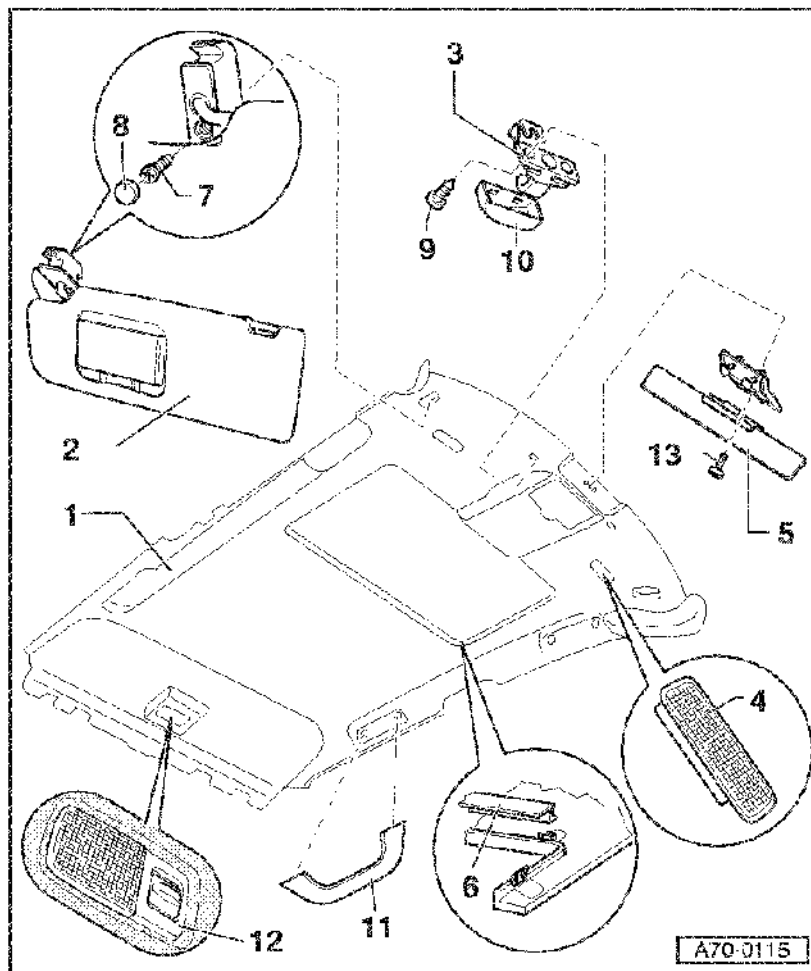
Important =>

1 – Moulded headliner

- ◆ Removing moulded headliner:
 - Remove upper A-pillar trim
 - => Page 70-109

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70-72



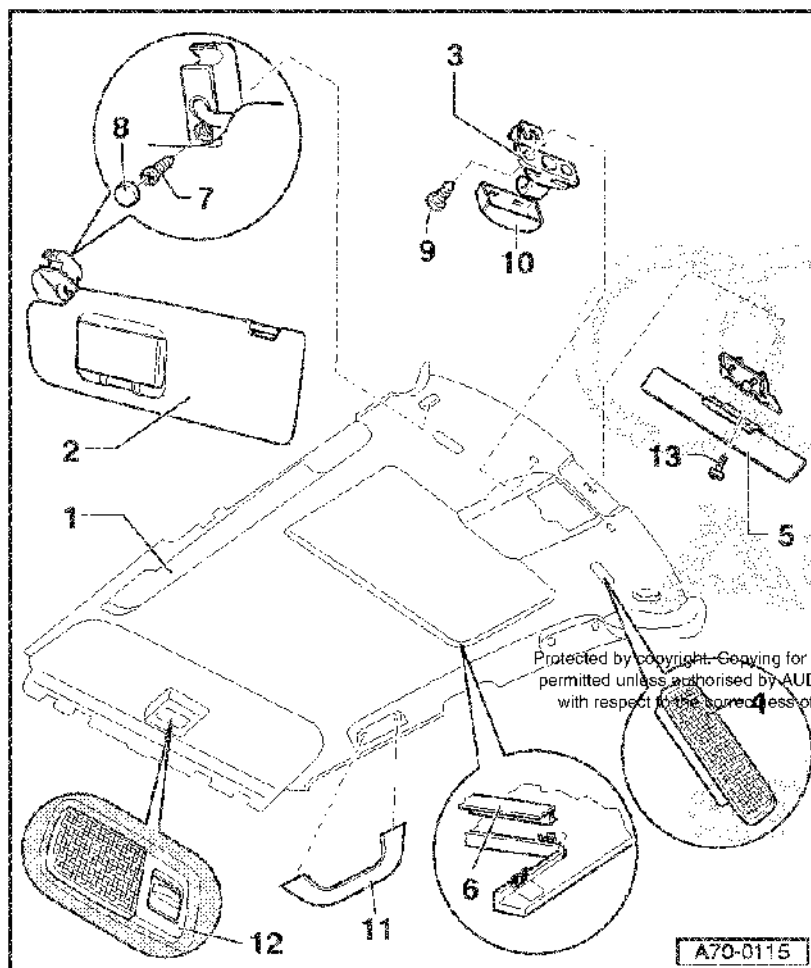
- Detach left wiring harness to moulded headliner from pillar A to dash panel.
- Remove B-pillar trim

3-door vehicles => Page 70-113

5-door vehicles => Page 70-121

- Remove D-pillar trim in 3-door vehicles => Page 70-118
- Remove C-pillar trim in 5-door vehicles => Page 70-127
- Remove D-pillar trim in 5-door vehicles => Page 70-129
- Detach connector with an automatic anti-glare interior rear-view mirror.
- Remove sun visors -2-.
- Remove brackets -3- for sun visors.
- Remove centre sun visor -5-.

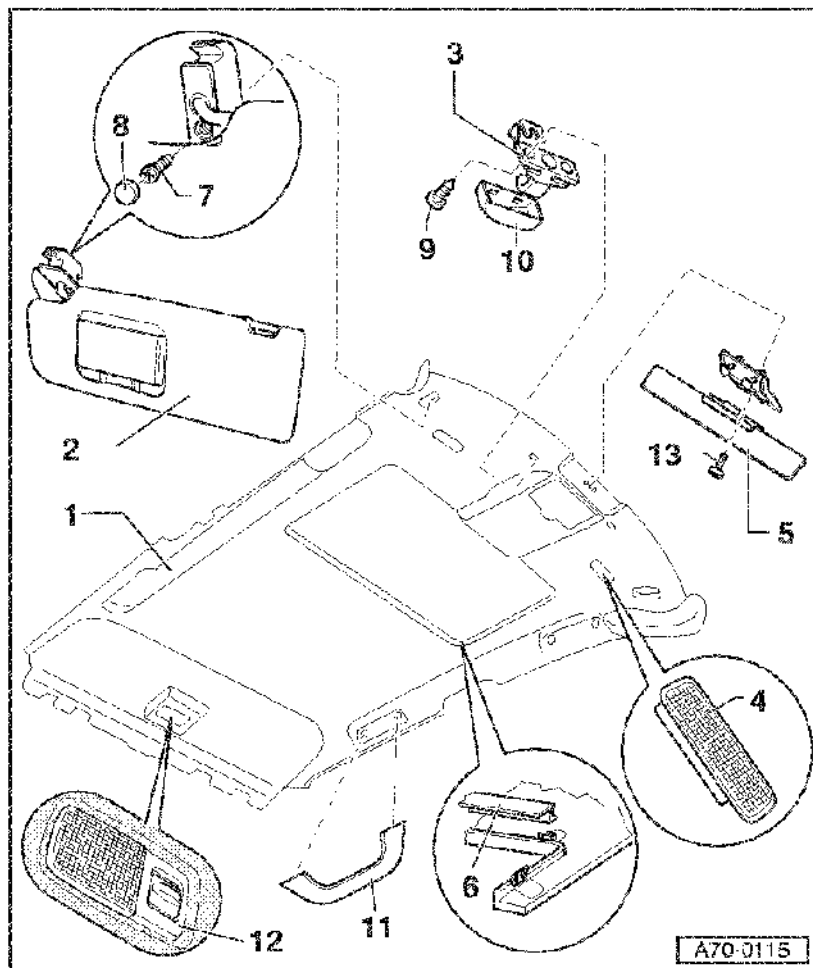
70-73



- Lever out cover frame -6- on models with sunroof.
- Remove cover for moulded headlining cut-out and reading lamp => Fig. 1
- Remove roof grab handles => Fig. 2
- Detach all door seals in area of moulded headliner.
- Remove rear interior light -12-.
- Position gear lever or selector lever as far back as possible.
- Tilt backrest of passenger's seat as far back as possible.
- Tilt backrest of driver's seat as far back as possible.
- A second person is required to support the moulded headliner.

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70-74



– Unclip moulded headliner at rear (1x).

– Pull moulded headliner towards rear of vehicle to remove.

♦ Installing

– Insert moulded headliner from rear.

Note:

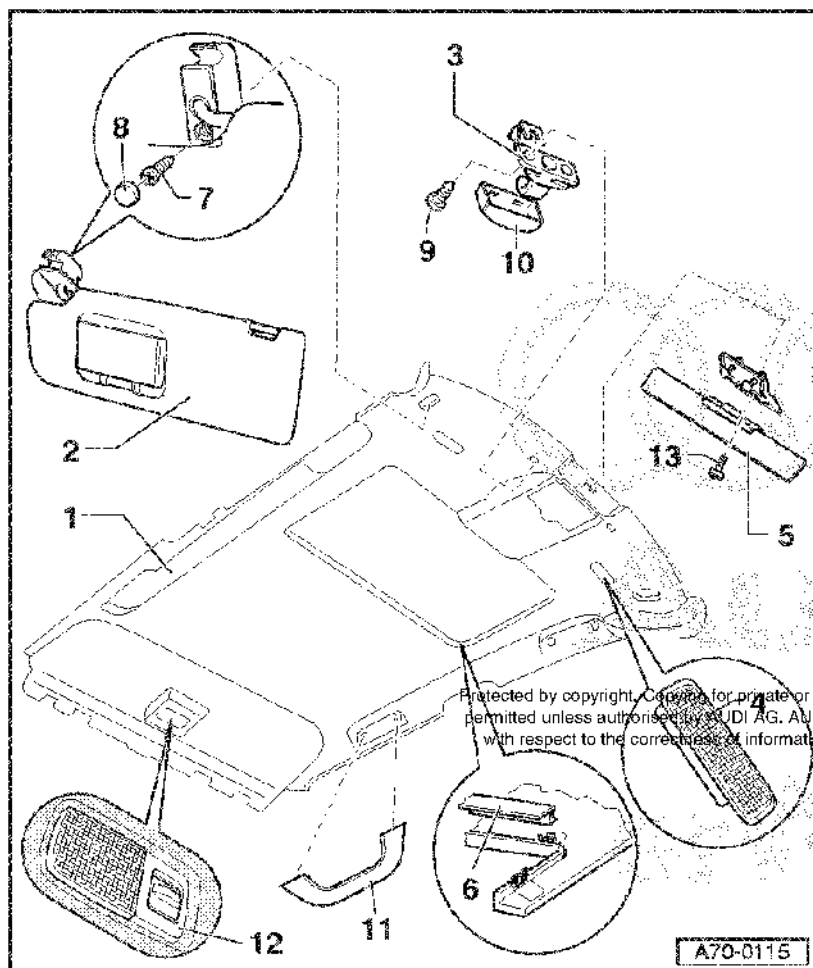
Make sure to follow installation sequence, as otherwise roof trim cannot be centred.

– A second person is required to support the moulded headliner.

– Insert moulded headliner at rear.

– Attach centre sun visor -5-.

70-75



– Unclip trim frame for sunroof -6-.

– Install rear interior light (switch facing passenger's side).

– Install sun visor and sun visor bracket.

– Install grab handles.

– Carry out remainder of installation in reverse order of removal.

2 – Sun visor

– Unclip sun visor-2- from bracket -7- unclip trim cap -8- and unscrew bolt -5-.

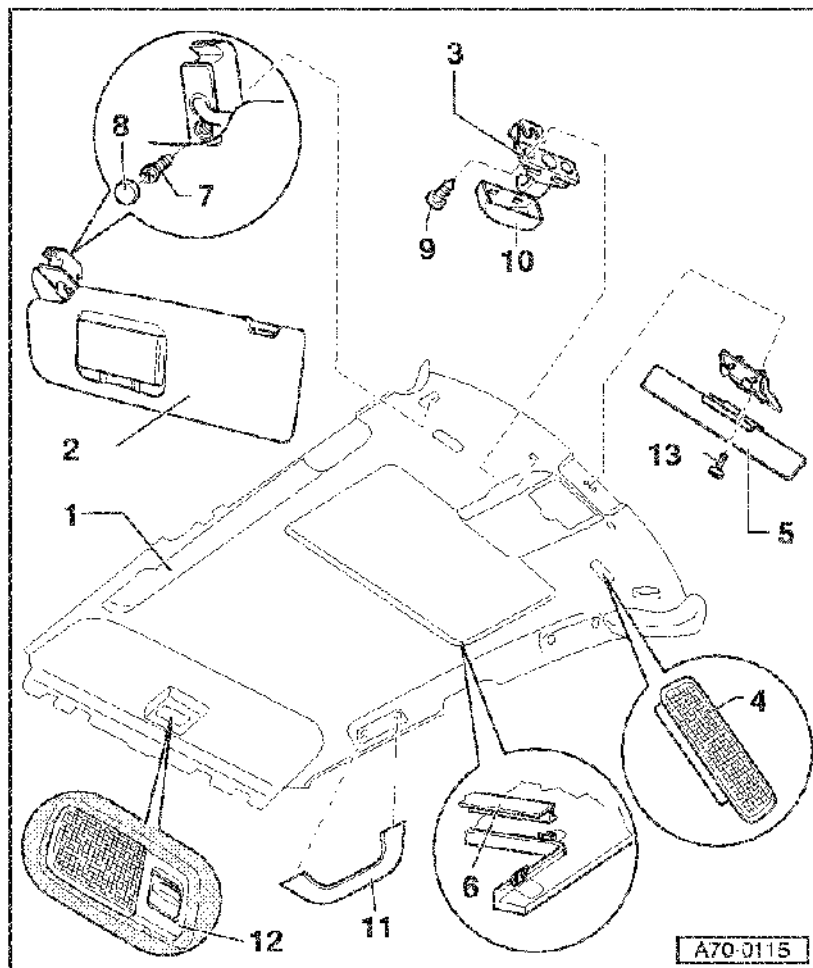
3 – Sun visor bracket

– Lever cap -10- off bracket for sun visor and Unscrew bolts -9-.

4 – Sun visor light

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70-76



5 – Centre sun visor

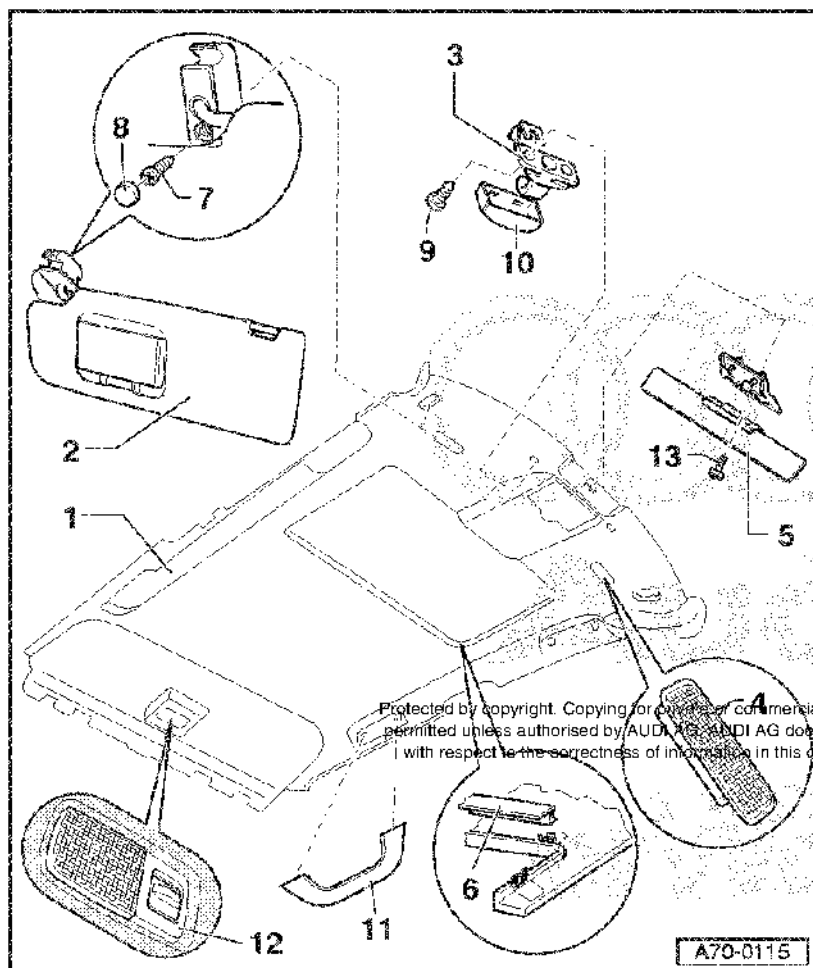
- Unscrew bolt -13- for centre sun visor and remove sun visor -5-.

6 – Frame trim for sunroof

7 – Bolt

8 – Trim cap

— 70-77 —



9 – Bolt

10 – Trim cap

11 – Grab handles (4x)

12 – Rear interior light

13 – Bolt

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— 70-78 —

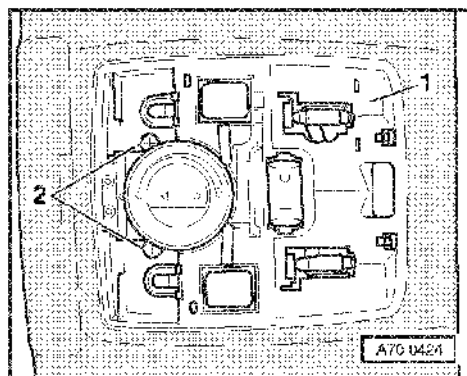


Fig.1 Removing and installing cover for moulded headliner cut-out

- Unclip caps starting from front.
- Unscrew bolts -2- (2x).
- Remove cover -1- from front.
- Detach connectors.

70-79

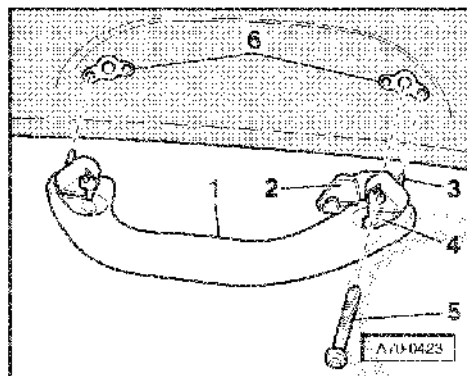


Fig.2 Removing roof grab handle

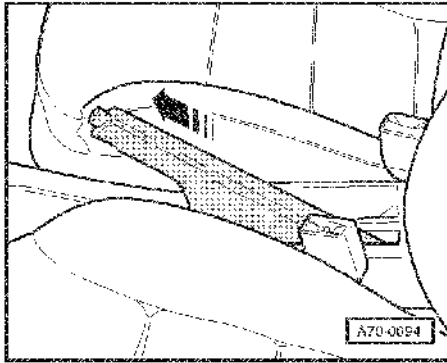
- Open cover -4- as far as possible.
- Remove bolts -5- (2x).
- Tightening torque 4 Nm
 - Self-locking
 - Replace
- Threaded bores for bolts must always be cleaned (e.g. with a thread tap).
- If threaded bushings are loose, re-tighten using riveting pliers.
- Pull roof grab handle -1- with the prefixings -3- out of the retainers -6-.
- 2 - Coat hook
 - Coat hooks for rear roof grab handles
 - Coat hook faces forward.

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70-80

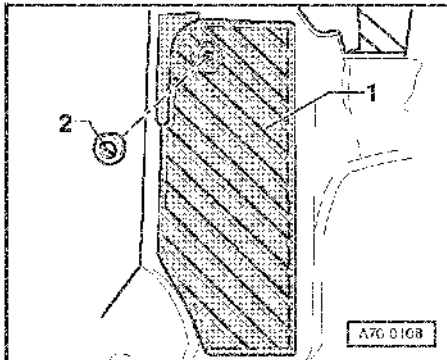
Trims

Removing and installing handbrake lever trim



- ◀ – Detach handbrake lever trim in direction of arrow.

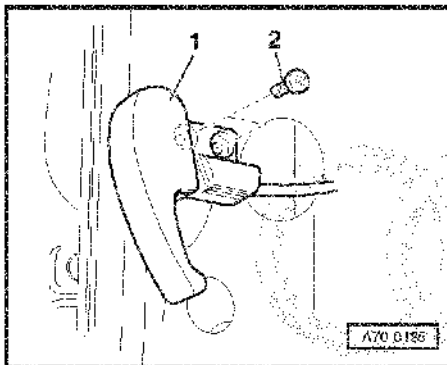
Removing and installing foot rest



- ◀ – Remove lower A-pillar trim => Page 70-82
- Unscrew nut -1-.
- Press foot rest -2- upwards and remove.

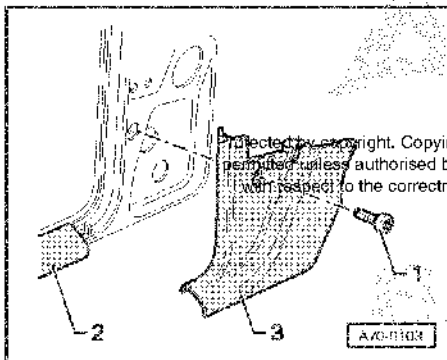
70-81

Removing Bowden cable



- ◀ – Remove screws -2- (2x).
- Actuator for Bowden cable -1- must be applied to provide access to rear bolt.
- Detach actuator for Bowden cable -1- to remove lower A-pillar.

Removing and installing lower A-pillar trim

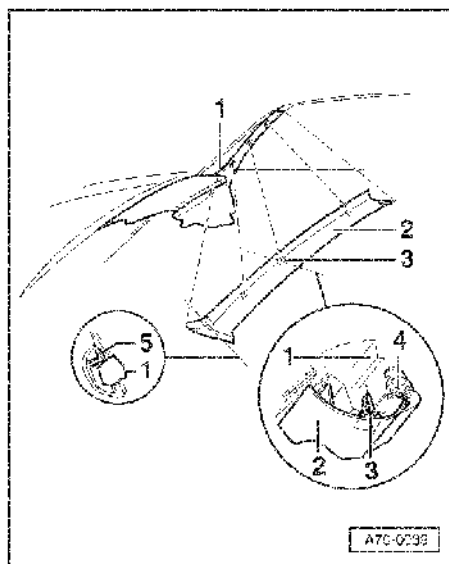


- ◀ – Unscrew bolt -1-.
- Unscrew Bowden cable on driver's side.
- Detach A-pillar -3- from sill panel -2-.

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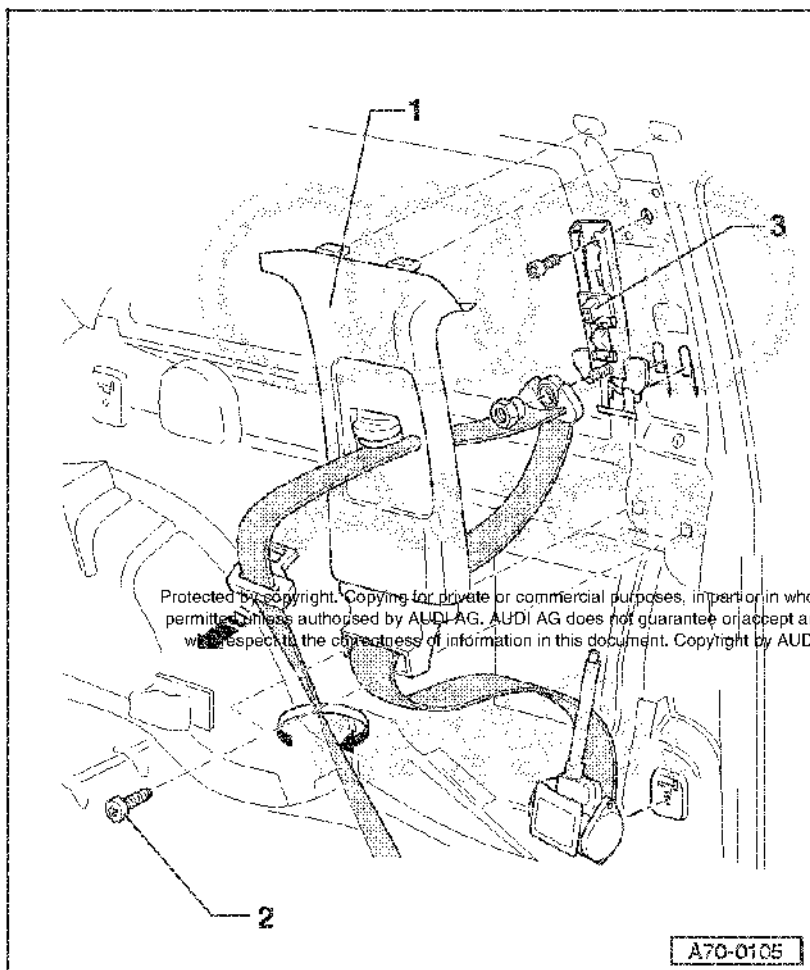
70-82

Removing and installing upper A-pillar trim



- ◀ – Unclip A-pillar -2- trim from top to bottom with securing clips -3-.
- Door seal -4- must be positioned over A-pillar trim -2- as shown in magnified view.
- Clip A-pillar trim into retainer -5- at the bottom.

70-83



Removing and installing B-pillar trim

1 – B-pillar trim

◆ Removing

- Remove side trim => Page 70-86
- Unscrew bolts -2- (2x).
- Remove outer seat belt anchorage point => Page 69-17
- Unclip trim from bottom in direction of arrow.

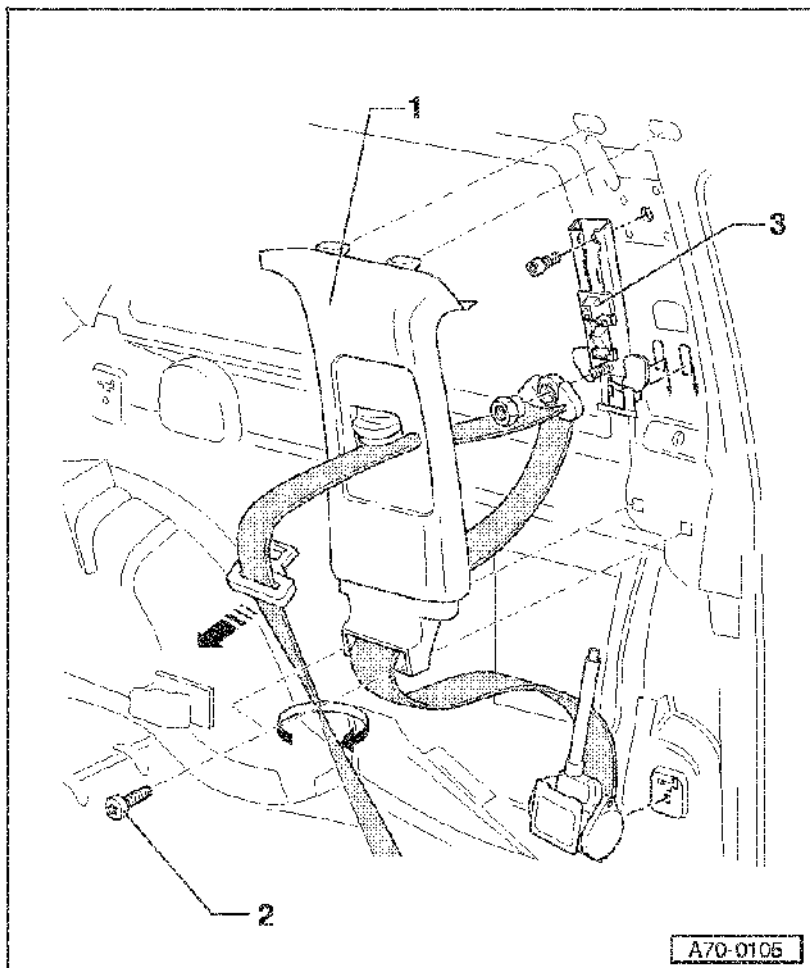
◆ Installing

- Trim must be introduced into height adjuster -3-.

Note:

*Do not press button when installing.
Check operation after installing trim:*

70-84

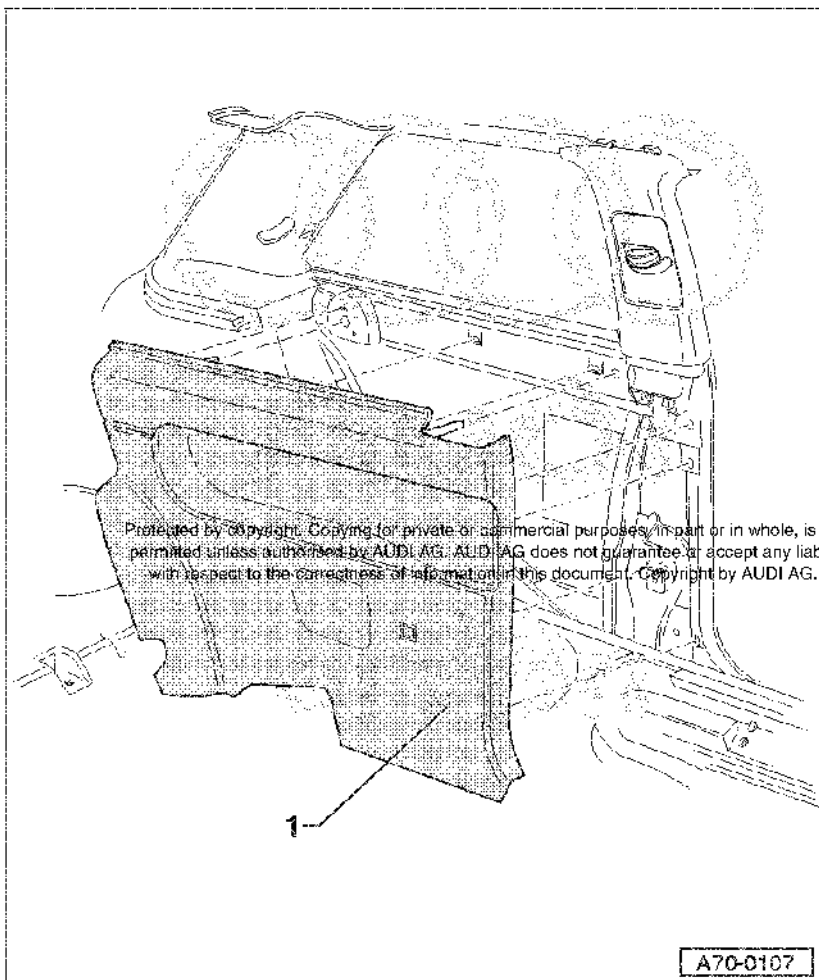


Height adjuster must engage audibly in each of the 5 possible positions (including top position). Each time the height adjustment fitting is pressed it should return automatically to the "up" position. Do not bolt in seat belt when installing B-pillar trim.

2 – Bolts

3 – Height adjuster

70-85



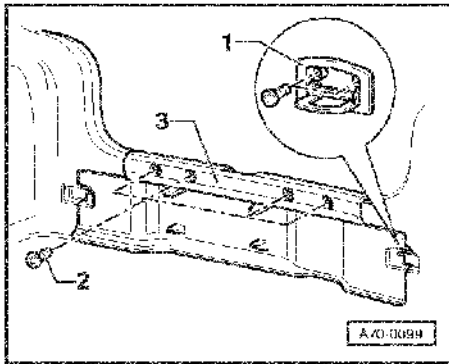
Removing and installing rear side trim

1 – Side trim

- Remove rear seat bench and backrest split => Page 72-188
- non-split => Page 72-188
- Unclip side trim -1- from rear, starting at top.
- Pull side trim -1- out of sill panel on inside.
- Unplug connectors.
- When fitting, first enter side trim -1- into sill panel on inside.

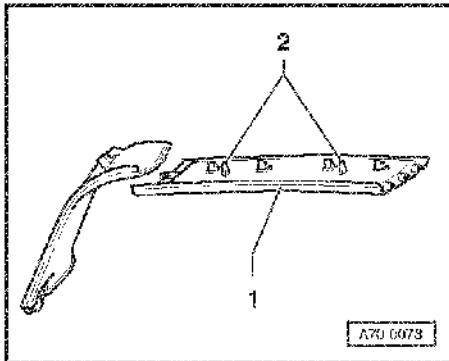
70-86

Removing and installing rear cross-panel trim



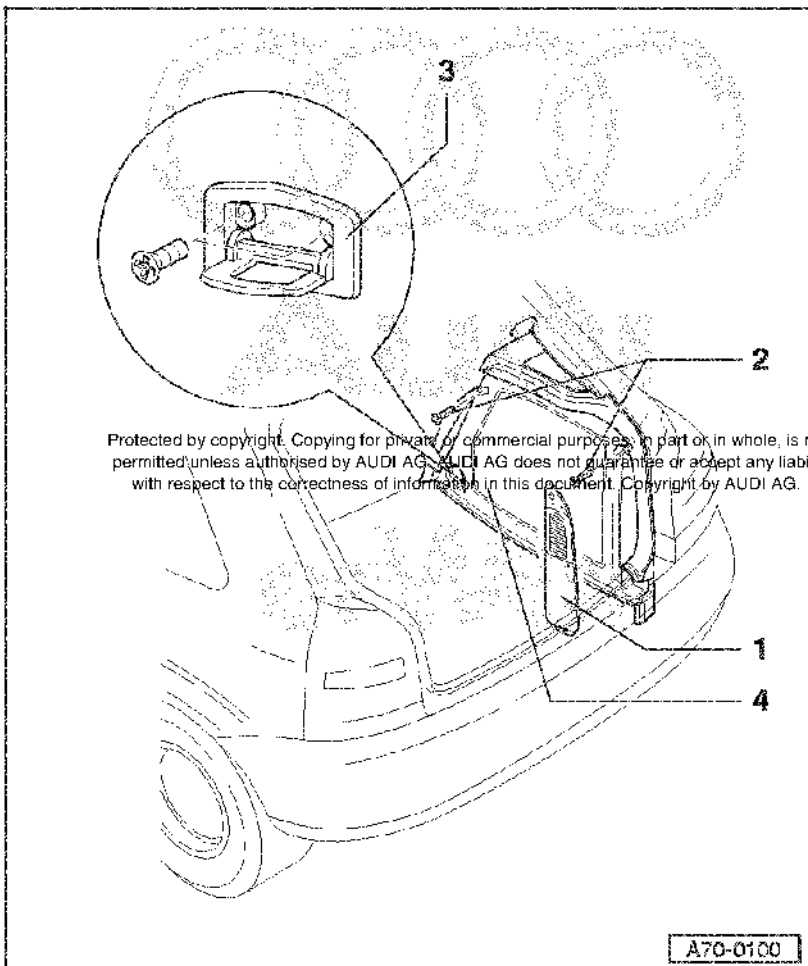
- ◀ – Remove left and right fastening rings -1-.
- Unscrew bolts -2- (4x).
- Pull out rear panel trim -3-.
- When installing, rubber seal around tailgate must be fitted over rear lateral panel trim.

Removing and installing roof panel trim



- ◀ – Unclip trim -1- starting from centre.
- Depress roof frame trim in centre until it can be pulled out of C-pillar trim.
- When installing, enter roof frame trim into C-pillar trim on one side and press until it can be engaged in C-pillar trim on the other side.

70-87



Luggage compartment side trim

- 1 – Cover
- 2 – Bolt (2x)
- 3 – Fastening rings
- 4 – Luggage compartment trim
 - Remove side trim => Page 70-86
 - Unscrew bolts for fastening rings -3-.
 - Remove cover -1-.
 - Unscrew bolts -2-.
 - Remove rear cross panel trim => Page 70-87
 - Unclip trim at rear.
 - Pull trim forwards to disengage from striker.
 - Unplug connector.

70-88

Removing and installing tailgate trim

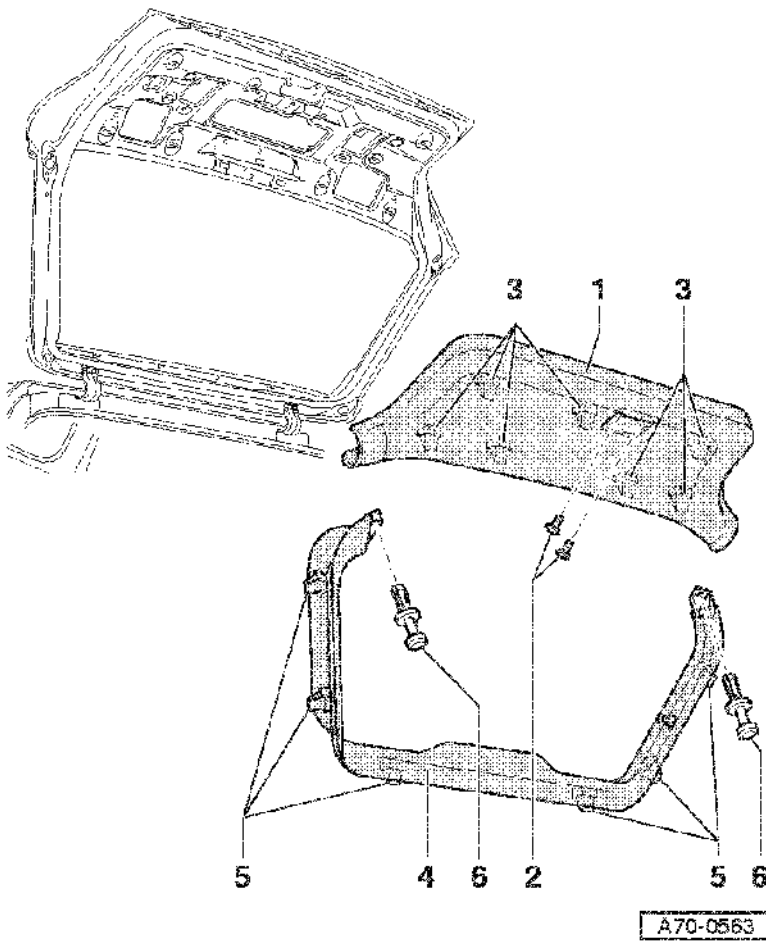
◆ Bottom trim

1 – Bottom trim

- Remove bolts -2- (2x) from grip moulding.
- Unclip trim -1- at clips -3- (7x) with screwdriver (position screwdriver close to clips -3-).

2 – Bolts (2x)

3 – Clips



70-89

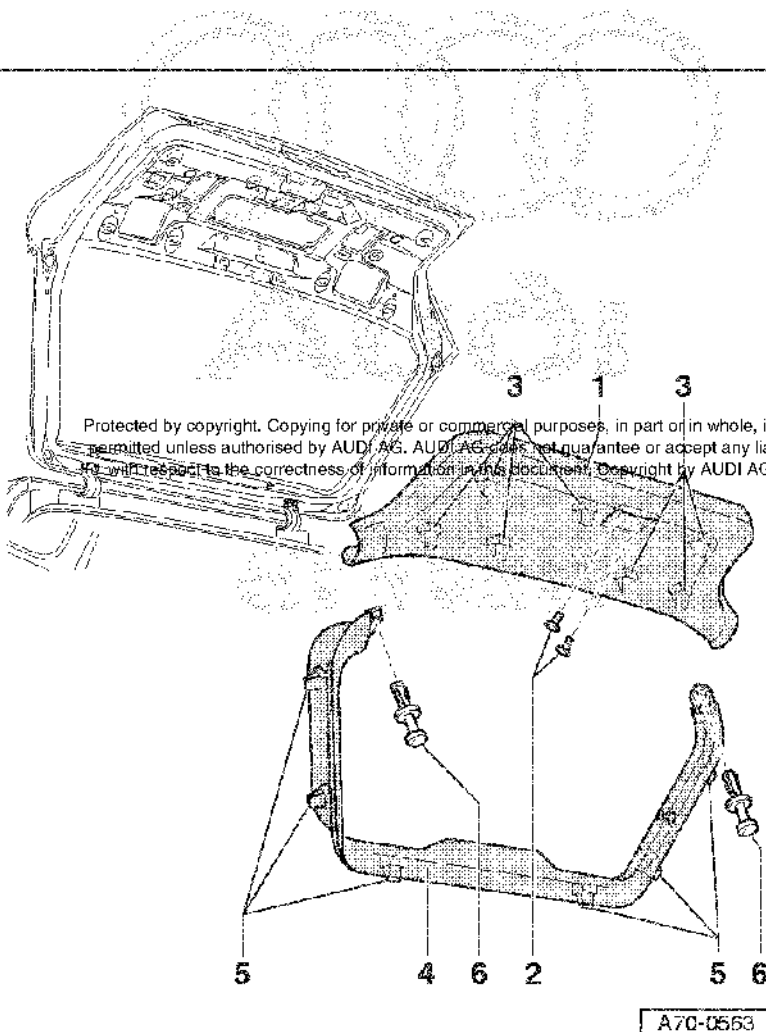
◆ Upper trim

4 – Upper trim

- Lower trim -1- removed.
- Unscrew upper section of spreader rivets -6-.
- Remove lower section of spreader rivets -6-.
- Use screwdriver to unclip (2x each) trim -3- on left, on right and on top.
- Install in reverse order.

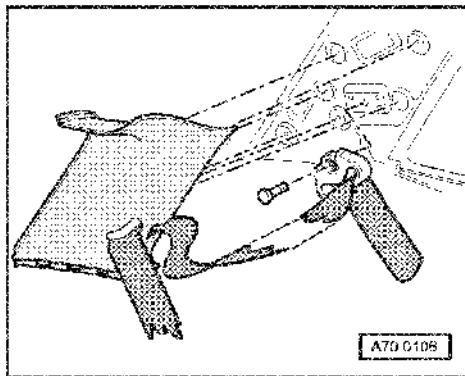
5 – Clips

6 – Spreader rivet



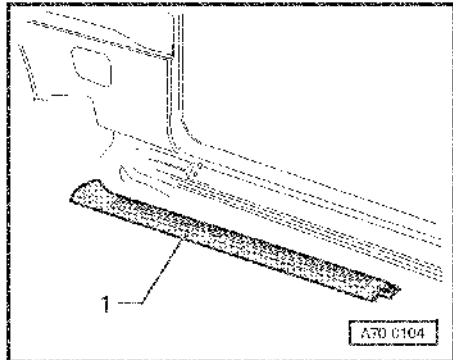
70-90

Removing D-pillar trim



- ◀ – Remove side trim => Page 70-86
- Remove luggage compartment trim => Page 70-88
- Unscrew seat belt at bottom. Tightening torque: 50 Nm.
- Unclip C-pillar trim, starting at bottom.
- Unclip roof frame trim downwards.
- Pull C-pillar trim out of roof panel trim.

Removing sill panels



- ◀ – Remove lower A-pillar trim => Page 70-82
- Unclip sill panel -1- (6x).
- Pull out sill panel -1- under side trim.

70-91

Removing and installing floor covering

◆ Removing

- Removing and installing front left/right seat
up to 01. 1999 => Page 72-7
as of 01. 1999 => Page 72-11
- 5-door vehicles => Page 72-42

Removing and installing rear bench seat => Page 72-186

Removing and installing sill panel trim => Page 70-91

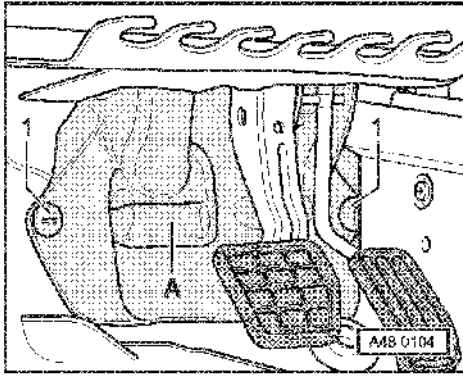
5-door vehicles => Page 70-104

- Removing and installing side trim => Page 70-86
- Removing and installing lower section of centre console
=> Page 68-9
- Removing and installing lower A-pillar trim => Page 70-82
- Removing and installing foot rest => Page 70-81
- Remove accelerator pedal stop.
- Removing and installing locking cable (automatic gearbox)
=> Automatic Gearbox; Repair group 37 =>
- Remove tunnel brace => Fig. 1

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70-92

- Removing and installing footwell air outlet => Fig. 2
- Removing and installing seat belt outer floor group attachment
=> Page 69-17
- 5-door vehicles => Page 69-35



- ◀ - Remove lower steering column cover.
- Unscrew plastic nut -1- and remove cover -A-.
- Remove right air outlet => Fig. 3
- Pull handbrake up as far as possible.
- Position gear lever or selector lever as far back as possible.
- Detach floor covering from seat rail and rear footwell vent.
- Lift rear section of floor covering over handbrake lever.
- Pull floor covering backwards and lift over gear lever or selector lever.
- Fold floor covering lengthways and remove through door.



70-93

◆ Installing

- Fold new floor covering lengthways and place in vehicle.

Note:

Floor covering is liable to tear at cut outs.

- Push floor covering forwards as far as possible until hole patterns for accelerator pedal stop and foot rest are aligned.

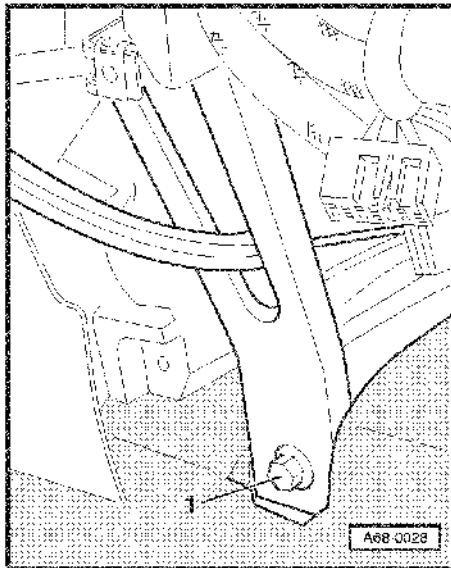
Press floor covering under handbrake lever.

- Carry out remainder of installation in reverse order of removal.

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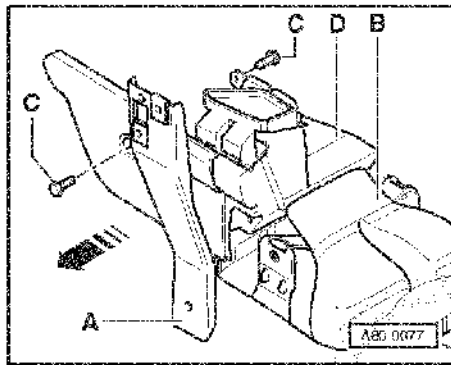
70-94



◀ **Fig.1 Detaching tunnel brace**

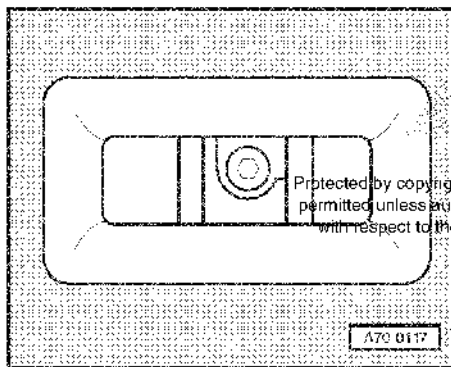
- Unscrew bolt -1- at bottom and bolt at top (2x). Tightening torque: 14 Nm.

Fig.2 Removing and installing footwell vent



- ◀ – Remove connection pieces between footwell and rear vent -B-.
- Unscrew bolts -C-.
- Remove footwell vent -D- in direction of driver's side footwell (arrow).

———— 70-95 ————



◀ **Fig.3 Right footwell vent**

- Unscrew bolt -1-.
- Remove right footwell vent -2-.

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———— 70-96 ————

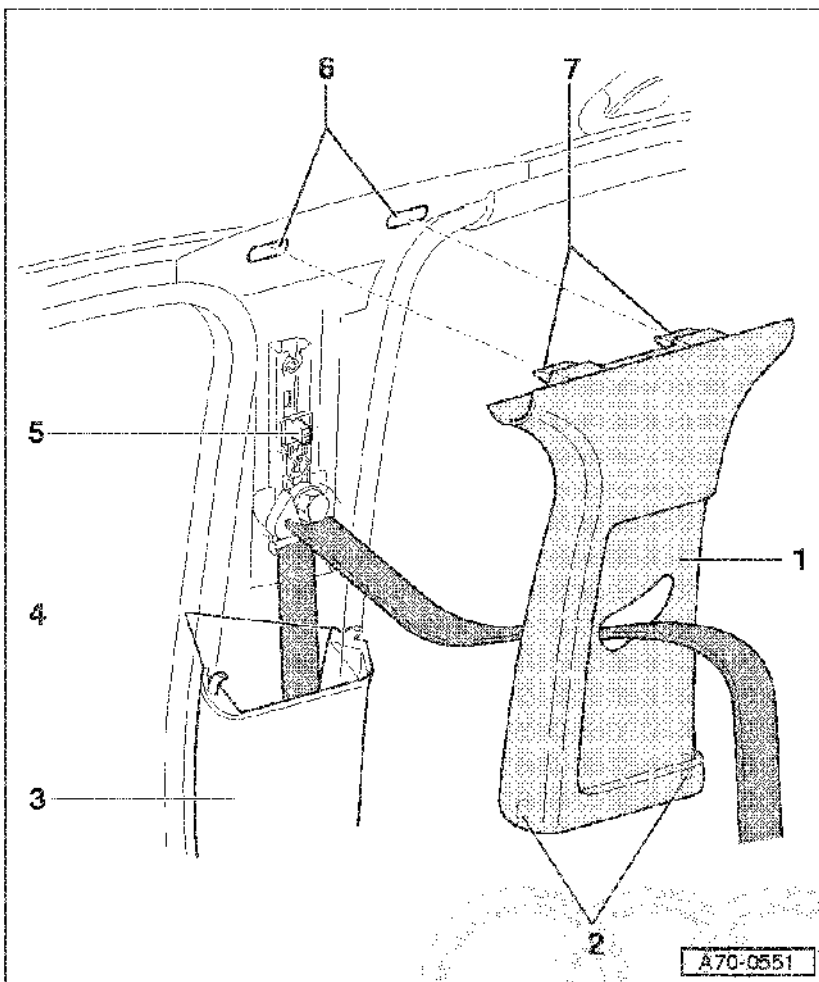
Trims for 5-door vehicles

Removing and installing upper B-pillar trim

1 – B-pillar trim

◆ Removing

- Remove outer seat belt anchorage point => Page 69-35
- Unclipping upper B-pillar trim -1-, => Fig. 2
- For vehicles with interior monitor, unplug connector for interior monitor.
- Detach retainers -5- upwards from lower B-pillar trim -6-.



70-97

◆ Installing

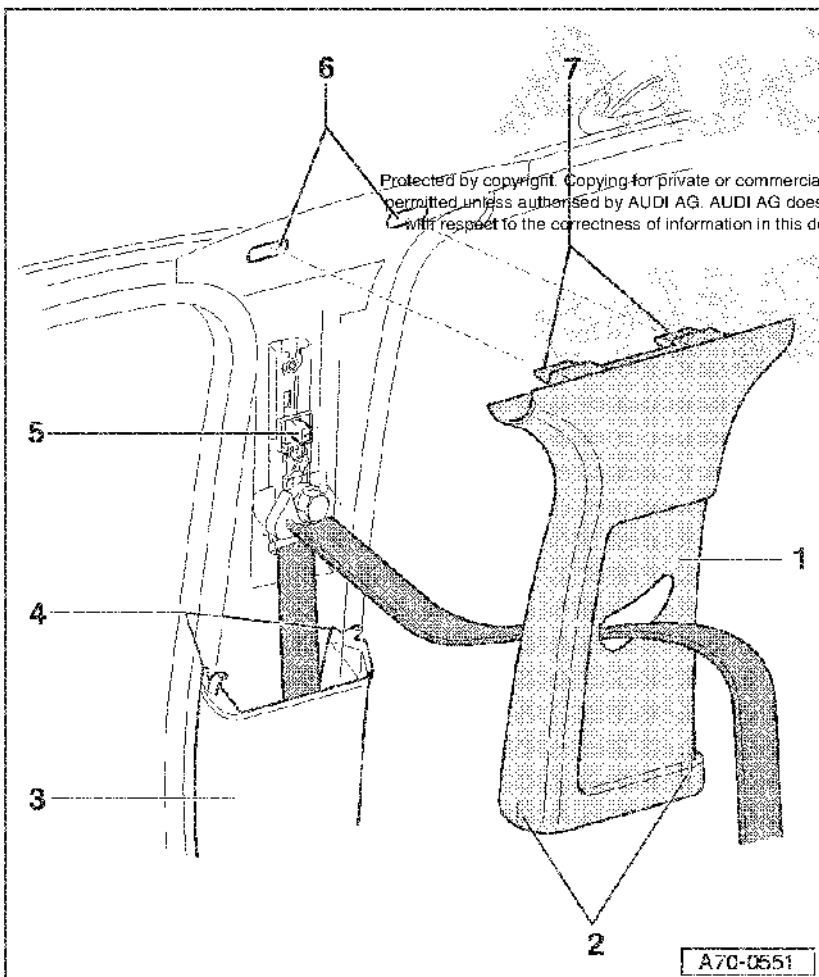
- Insert trim -1- with retaining lugs -2- in retainer tabs on lower B-pillar trim -3-.

Note:

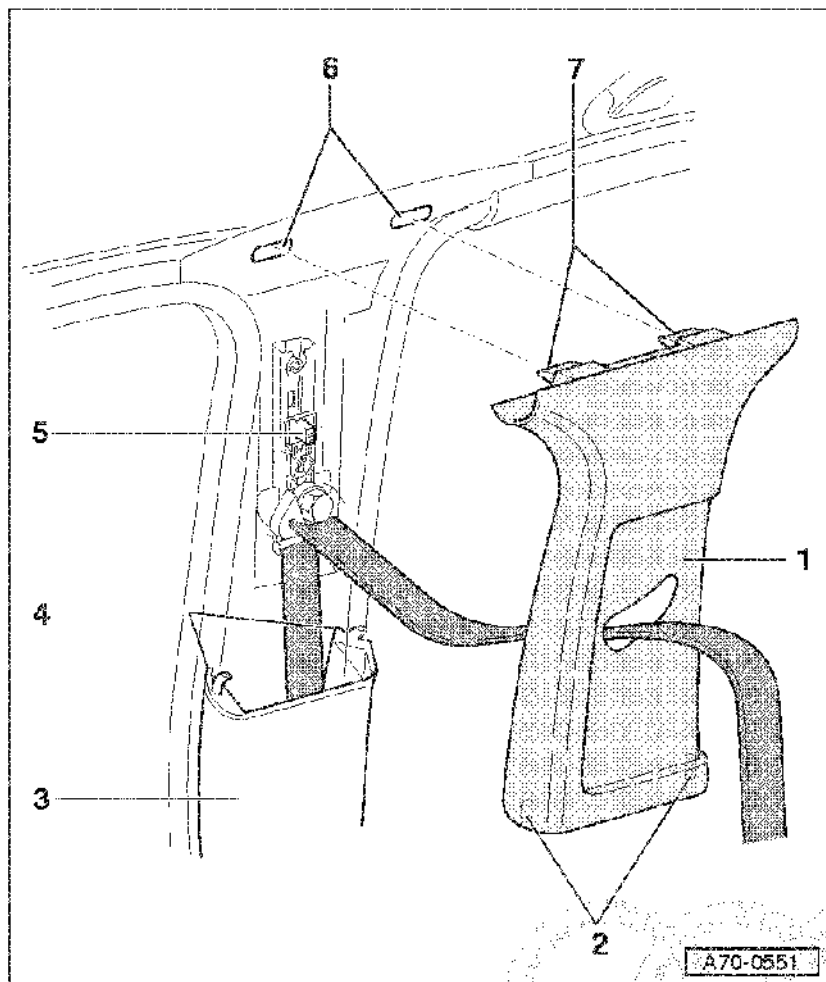
Do not press button when installing.

- Insert height adjustment switch in height adjuster -5- => Fig. 1
- Insert trim -1- with clamps -7- (2x) in mountings -6-.
- Clip on and secure trim.

- ◆ After installing trim ensure seal is seated correctly.



70-98



Notes:

Check operation after installing trim:
Height adjuster must engage audibly
in each of the 5 possible positions (in-
cluding top position).
Each time the height adjustment fit-
ting is pressed it should return auto-
matically to the "up" position.

2 – Retainer

3 – Lower B-pillar trim

4 – Retainer tabs

5 – Height adjuster

6 – Retainers

7 – Clamp

70-99

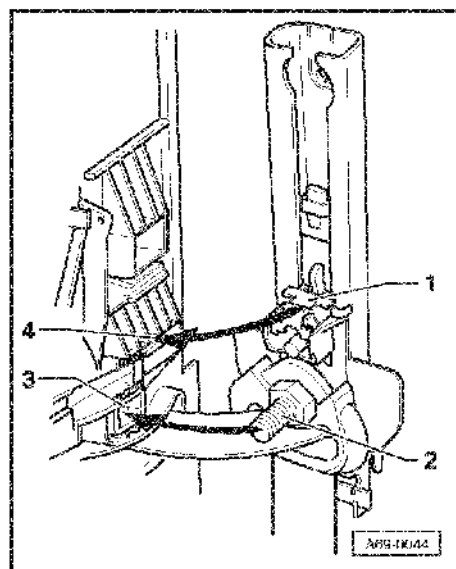


Fig.1 Installing upper B-pillar trim in belt height adjuster

- Move slide with button -4- (do not press button) downwards to height adjuster release lever -1- and at the same time insert pin -2- in mount -3-.

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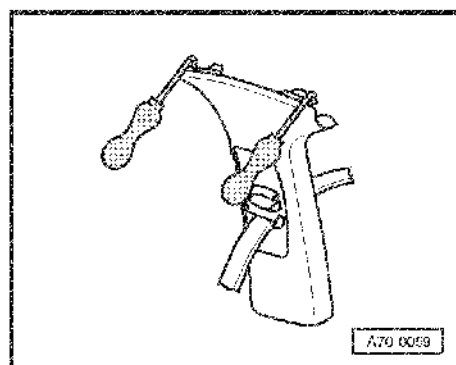


Fig.2 Removing lower B-pillar trim

- To facilitate disassembly use two assembly hooks -2-.
- Apply assembly hooks next to fasteners.

70-100

Removing and installing lower B-pillar trim

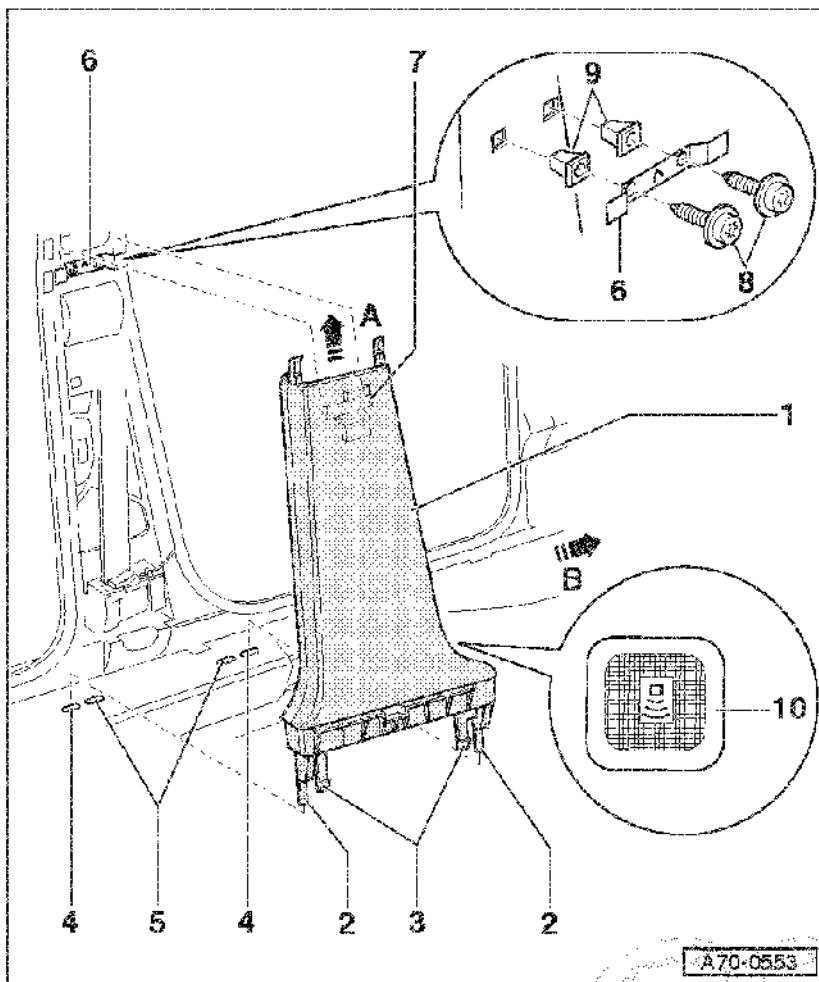
1 – B-pillar trim

◆ Removing

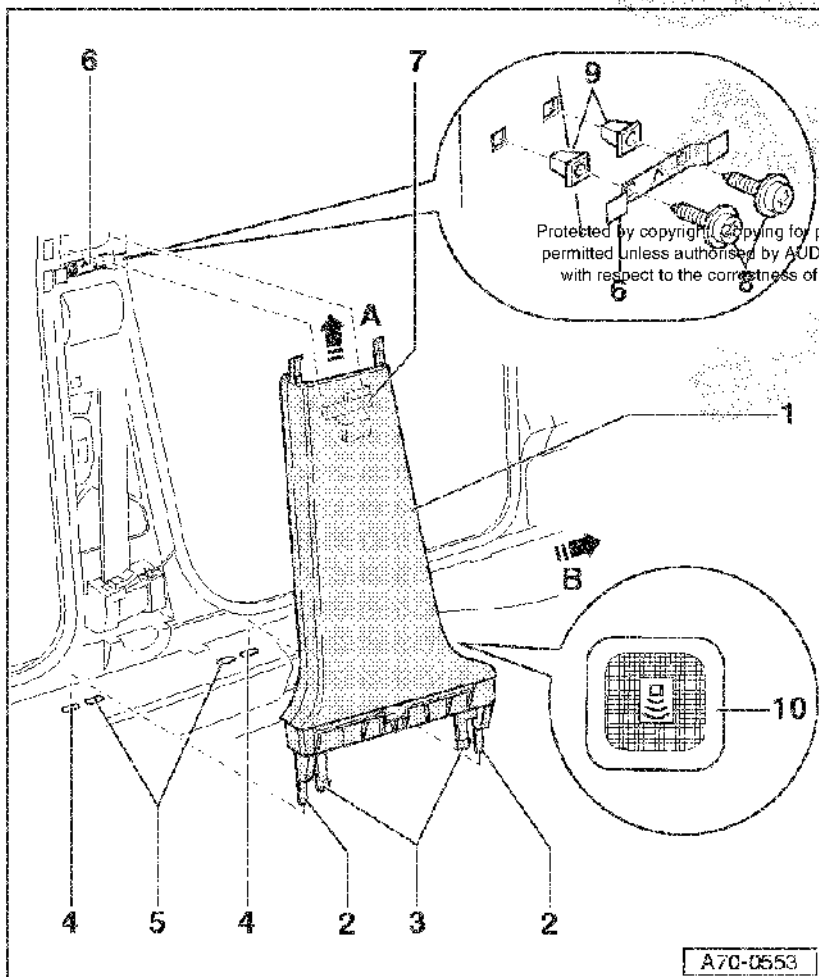
Notes:

Arrow -B- points in direction of travel.
The outer seat belt anchorage point does not have to be removed when taking out the lower B-pillar trim.

- Remove upper B-pillar trim
=> Page 70-97
with head airbag => Page 70-121
- Remove sill panel trim
=> Page 70-104
- Use screwdriver to press re-
tainer tabs -3- (2x) outwards.



70-101



- Lift B-pillar trim in direction of
arrow -A- until it disengages at
belt guide -7-.
- Unplug connectors for interior
monitor switch.

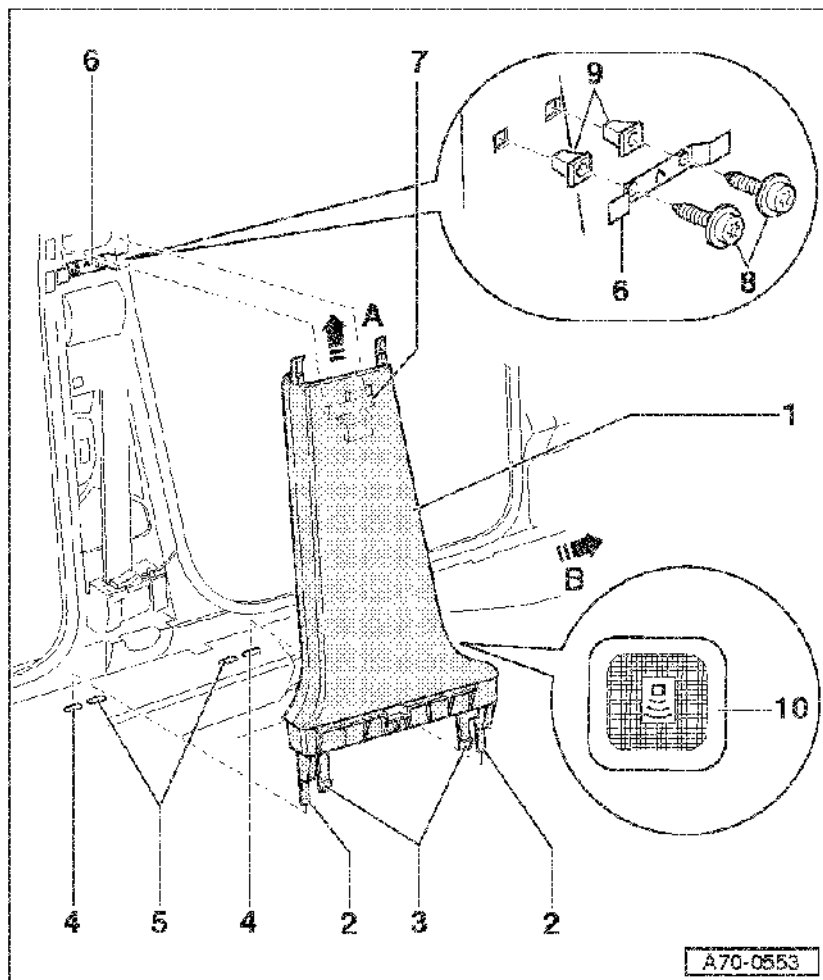
◆ Installing

- Insert belt guide -7- from tip
into retainer -6-.
- Insert guide pins -2- and re-
tainer tabs -3- into mountings
-5- and -4-.

- ◆ After installing trim ensure
seal is seated correctly.

2 – Guide pins

70-102



3 – Retainer tabs

4 – Retainers

5 – Retainers

6 – Bracket

◆ Arrow points upwards.

7 – Belt guide

8 – Bolts (2x)

9 – Expanding nut

10 – Switch for interior monitor

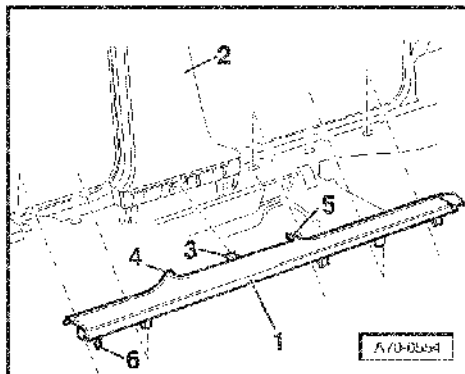
◆ Press retainer tabs and push out switch from rear.

◆ Fit in position shown.

A70-0553

70-103

Removing sill panels



– Remove lower A-pillar trim => Page 70-82

– Unclip sill panel -1- (3x) at front.

– Detach sill panel trim -1- from lower B-pillar trim -2- at retainer -5-.

– Remove rear sill panel trim -1- with pin -6-.

Unclip rear sill panel trim -1- (1x)

– Detach sill panel trim -1- from lower B-pillar trim -2- at retainer -4-.

– Detach sill panel trim -1- from lower B-pillar trim -2- at retainer -3-.

A70-0553

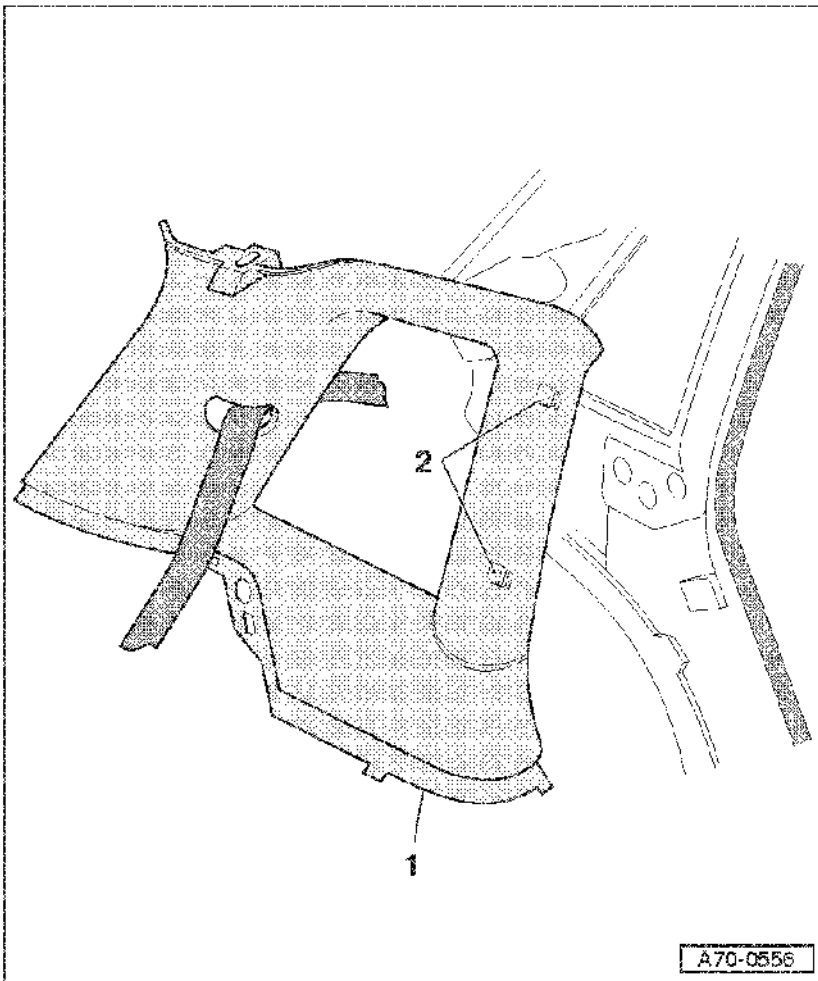
70-104

Removing and installing upper C/D-pillar trim

1 - C/D-pillar trim

- Remove roof frame trim => Page 70-87
- Remove rear seat backrest split => Page 72-186
non-split => Page 72-188
- Remove rear wheel housing trim => Page 70-108.
- Unscrew lower seat belt bolt-
ing point => Page 69-36
- Remove luggage compartment
side trim => Page 70-106
- Unclip C/D-pillar trim -1- at
clamps -2- (10x).

2 - Clamps (10x)

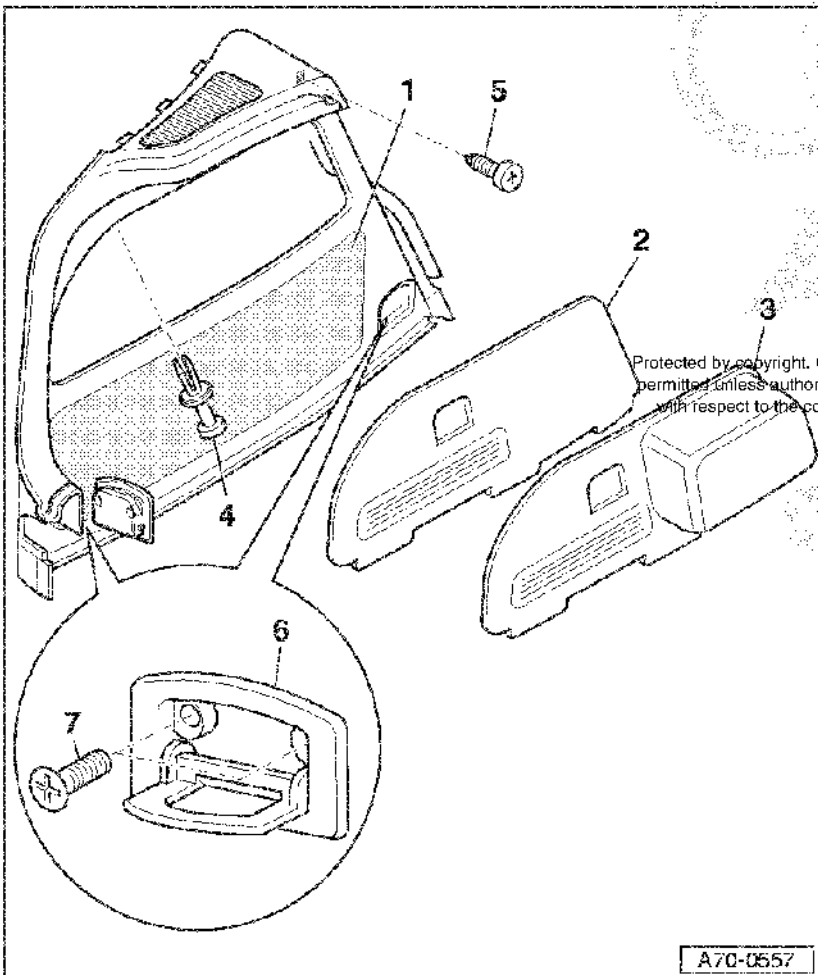


70-105

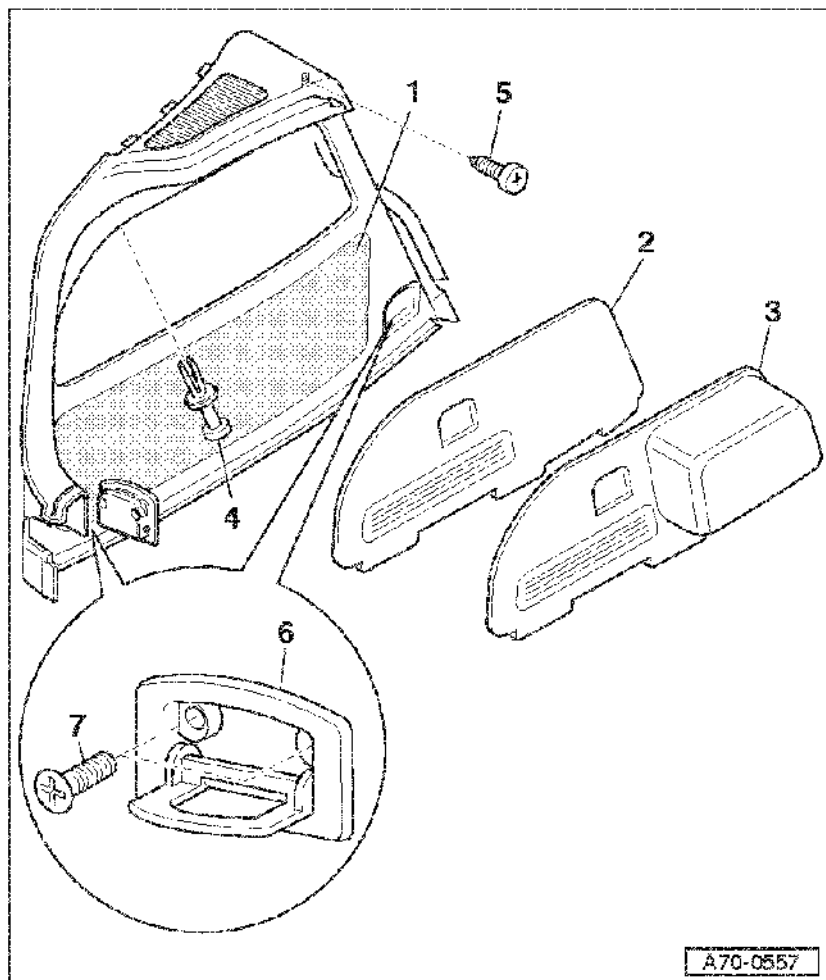
Luggage compartment side trim

1 - Luggage compartment trim

- Remove luggage compartment
floor covering.
- Unscrew bolts -7- (4x).
- Detach fastening rings -6-.
- Remove rear cross panel trim
=> Page 70-87
- Remove rear seat backrest
split => Page 72-186
non-split => Page 72-188
- Remove rear wheel housing
trim => Page
- Remove cover -2- or -3-.
- Remove spreader rivet -4-.
- Unscrew bolt -5- (1x).



70-106



- Unclip rear trim -1-.
- Remove trim -1- from C/D-pillar trim.
- Remove trim -1- from retaining bracket for rear seat backrest towards front.
- Detach connector for luggage compartment light.

2 – Cover for luggage compartment side trim

3 – Cover for luggage compartment side trim with navigation

4 – Spreader rivet

5 – Bolt (1x)

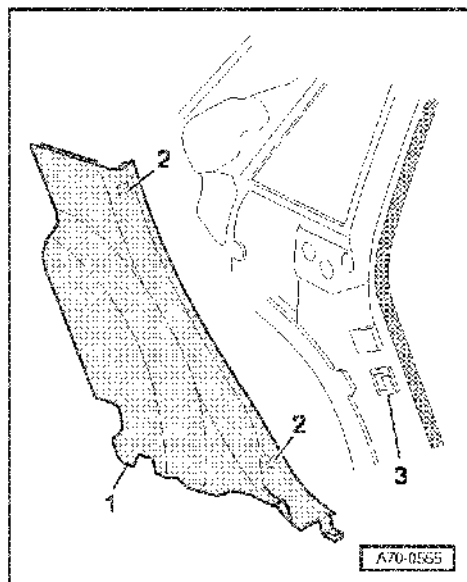
6 – Fastening rings

7 – Bolts (4x)

A70-0557

70-107

Removing and installing rear wheel housing trim



- Unclip rear sill panel trim.
- Remove rear seat backrest, split => Page 72-186
non-split => Page 72-188
- Unclip wheel housing trim -1- at clips -2- (2x) and clamps -3- (1x).
- 2 - Clips
- 3 - Clamps

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70-108

Trims with head airbag

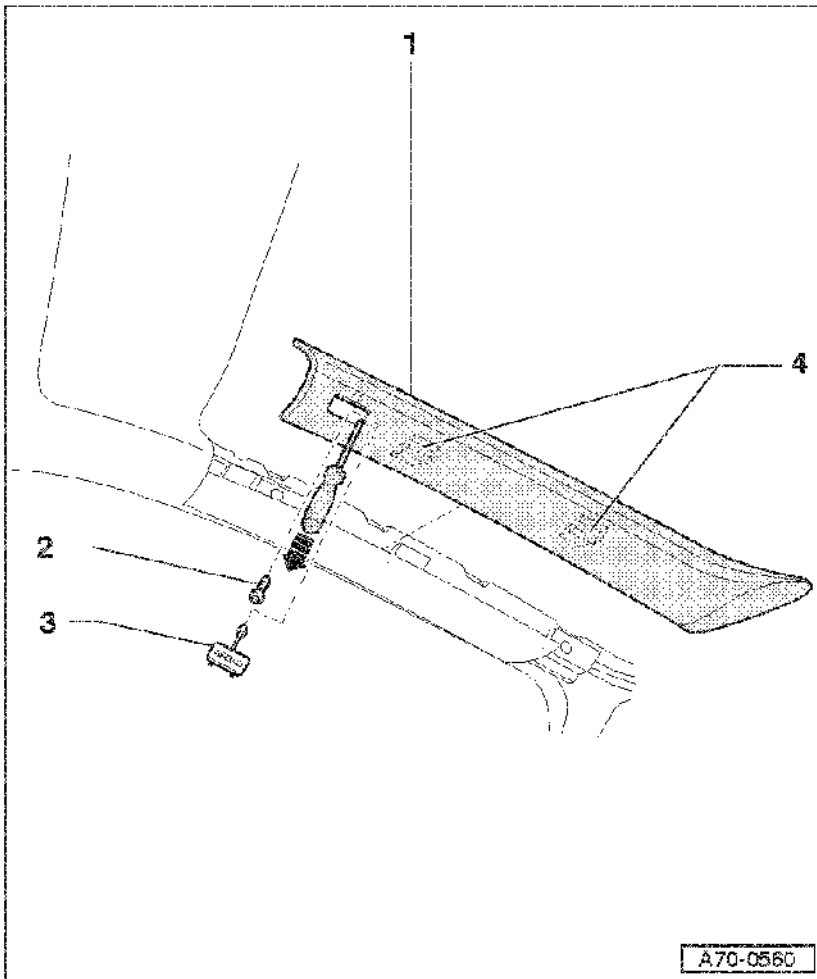
Removing and installing upper A-pillar trim

Important =>

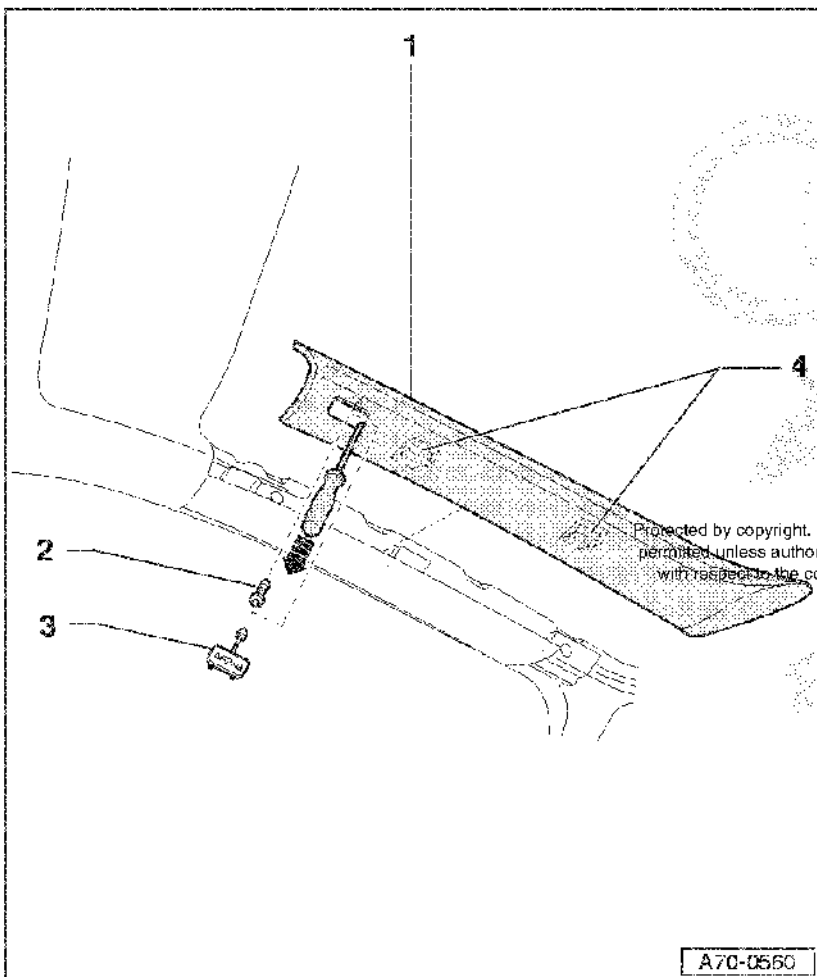
1 – Upper A-pillar trim

◆ Removing

- Lever off cover -3-.
- Let cover -3- hang off trim -1-.
- Unscrew bolt -2-.



70-109



- Use screwdriver -5- (improvised tool => Fig. 1) to grip A-pillar trim -1- in cut-out and unclip trim at upper clamp in direction of arrow.

Note:

When disassembling trim of A-pillar -1- only pull on side facing window.

- Unclip trim -1- at clips -4- (2x).

◆ Installing

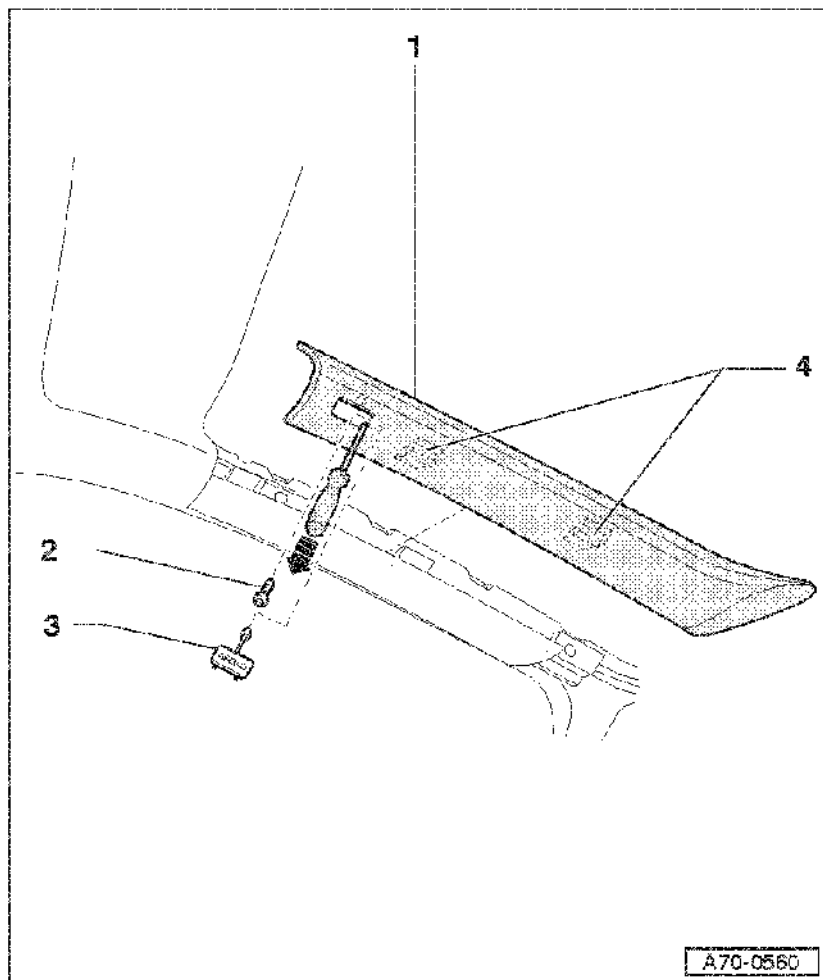
- Detach trim cap -3- from trim -1-.
- Attach trim -1- at clamps -4-.

Note:

When installing of trim of A-pillar only press, do not knock onto side facing windscreen.

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70-110



- Press on trim -1-.
- Attach and insert trim cap -3-.

2 - Bolt

- Tightening torque 4 Nm
- ◆ Self-locking
- ◆ Replace
- ◆ Threaded bores for bolts must always be cleaned (e.g. with a thread tap).

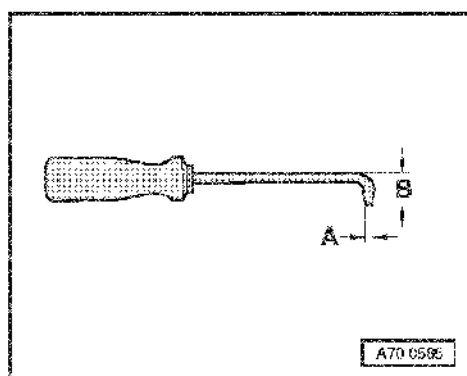
3 - Trim cap

4 - Clip (2x)

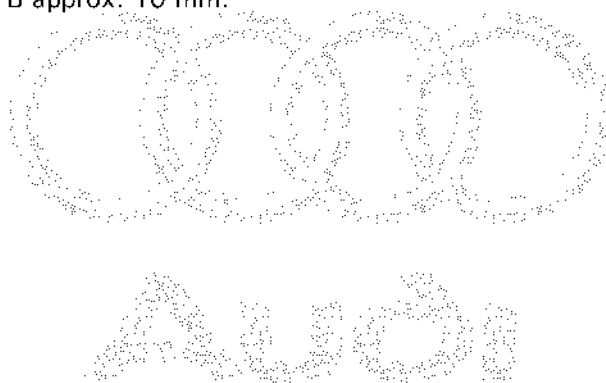
5 - Flat screwdriver

70-111

Fig.1 Bending screwdriver



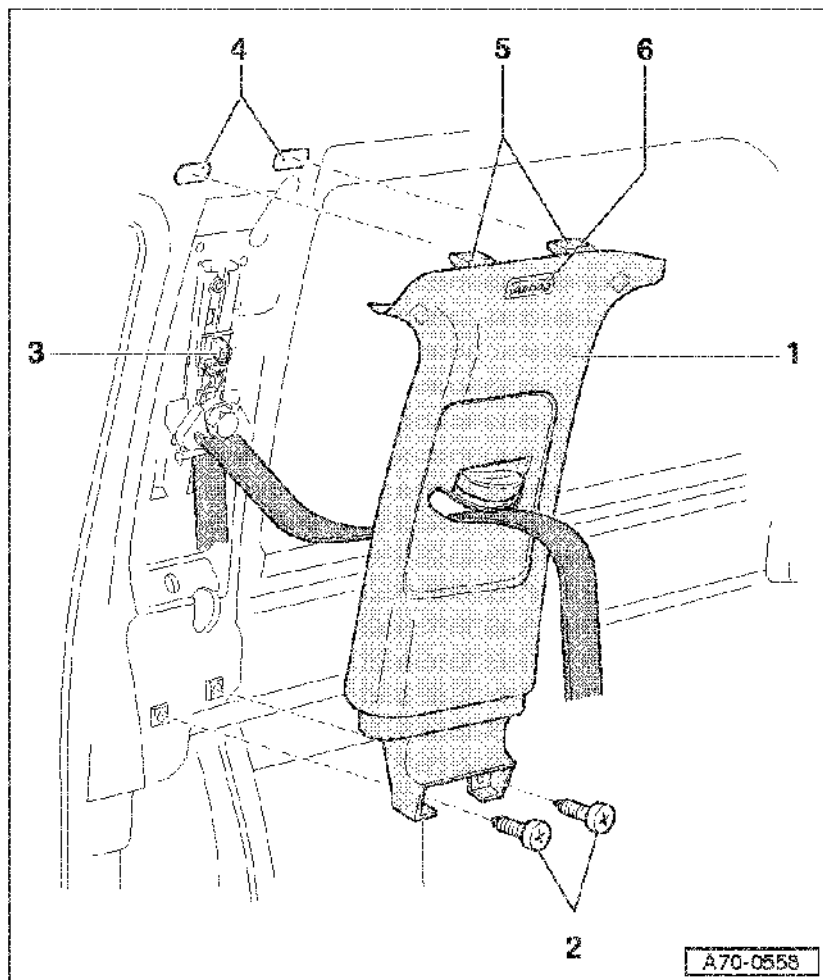
- Bend a flat screw driver with dimensions A approx. 3 mm and B approx. 10 mm.



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70-112



Removing and installing upper B-pillar trim

Important

Note:

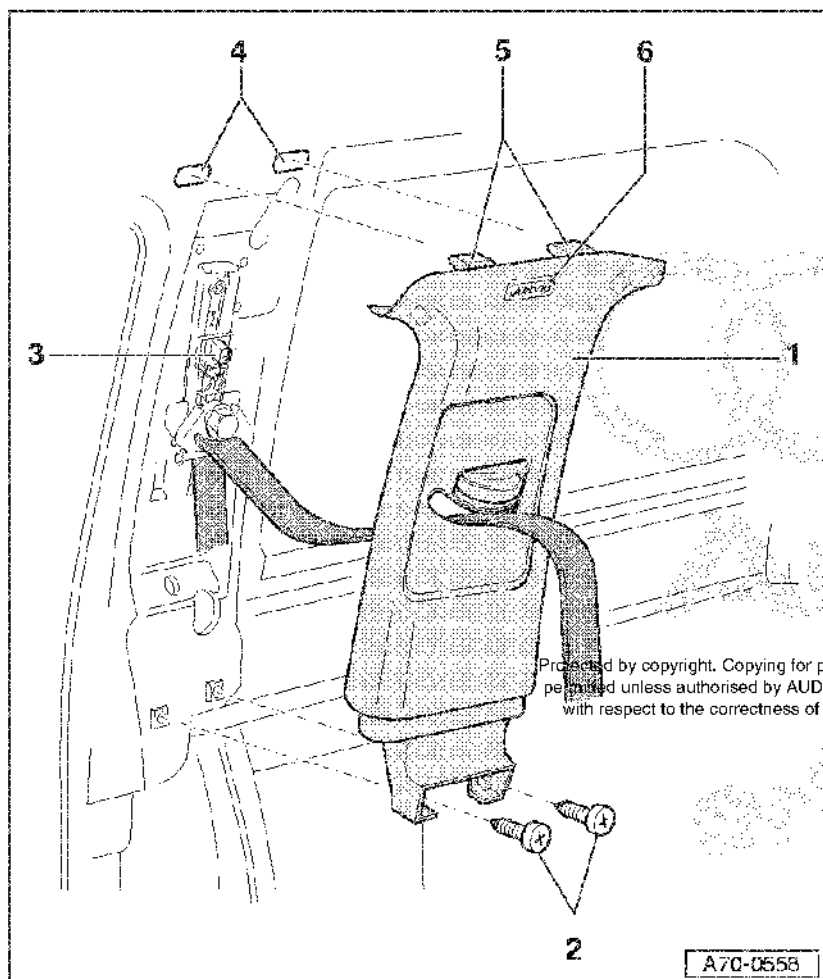
Airbag label -6- cannot be removed.

1 – B-pillar trim

◆ Removing

- Remove side trim => Page 70-86
- Remove outer seat belt anchorage point => Page 69-17
- Unscrew bolts -2- (2x).
- Unclipping upper B-pillar trim -1- => Fig. 2

70-113



- For vehicles with interior monitor, unplug connector for interior monitor.
- Guide three-point seat belt out of B-pillar trim -1-.

◆ Installing

- Check clamp mounts for B-pillar trim before installing B-pillar trim => Fig. 3

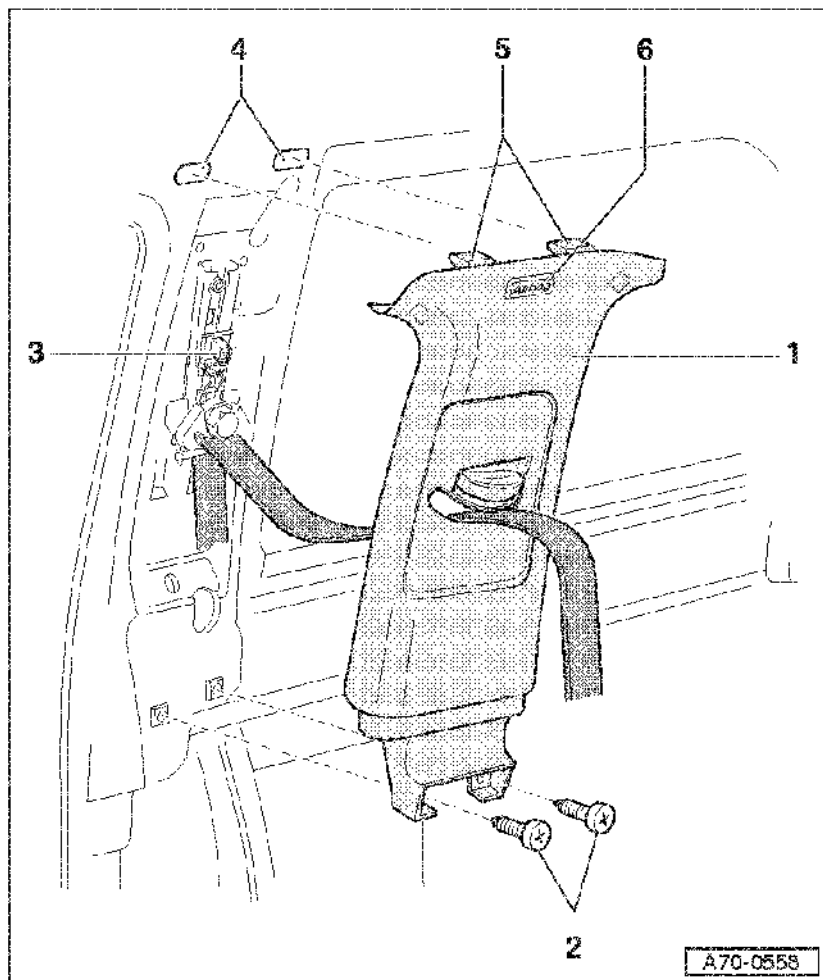
Note:

Do not press button when installing.

- Insert height adjustment switch in height adjuster -3- => Fig. 1
- Insert trim -1- with clamps -5- (2x) in mountings -4-.
- Clip on and secure trim.

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70-114



◆ After installing trim ensure seal is seated correctly.

Notes:

Check operation after installing trim: Height adjuster must engage audibly in each of the 5 possible positions (including top position). Each time the height adjustment fitting is pressed it should return automatically to the "up" position.

- 2 – Bolts (2x)
– Tightening torque 4 Nm
- 3 – Height adjuster
- 4 – Retainers
- 5 – Clamp
- 6 – Airbag label
◆ Cannot be removed

70-115

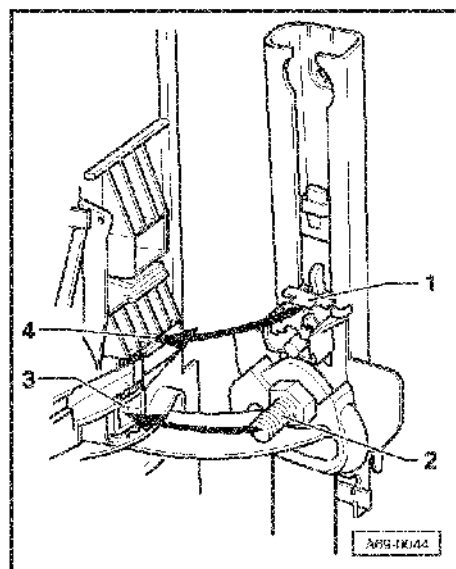


Fig.1 Installing upper B-pillar trim in belt height adjuster

- Move slide with button -4- (do not press button) downwards to height adjuster release lever -1- and at the same time insert pin -2- in mount -3-.

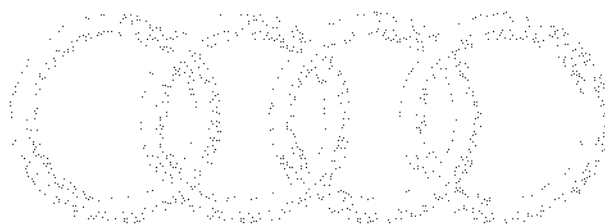
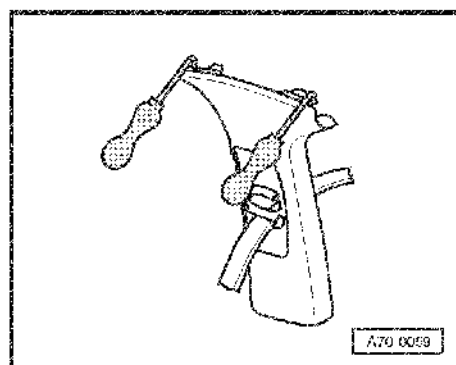


Fig.2 Removing lower B-pillar trim

- To facilitate disassembly use two assembly hooks -2-.
- Apply assembly hooks next to fasteners.

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70-116

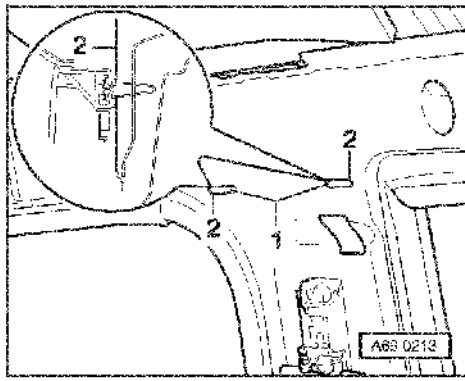
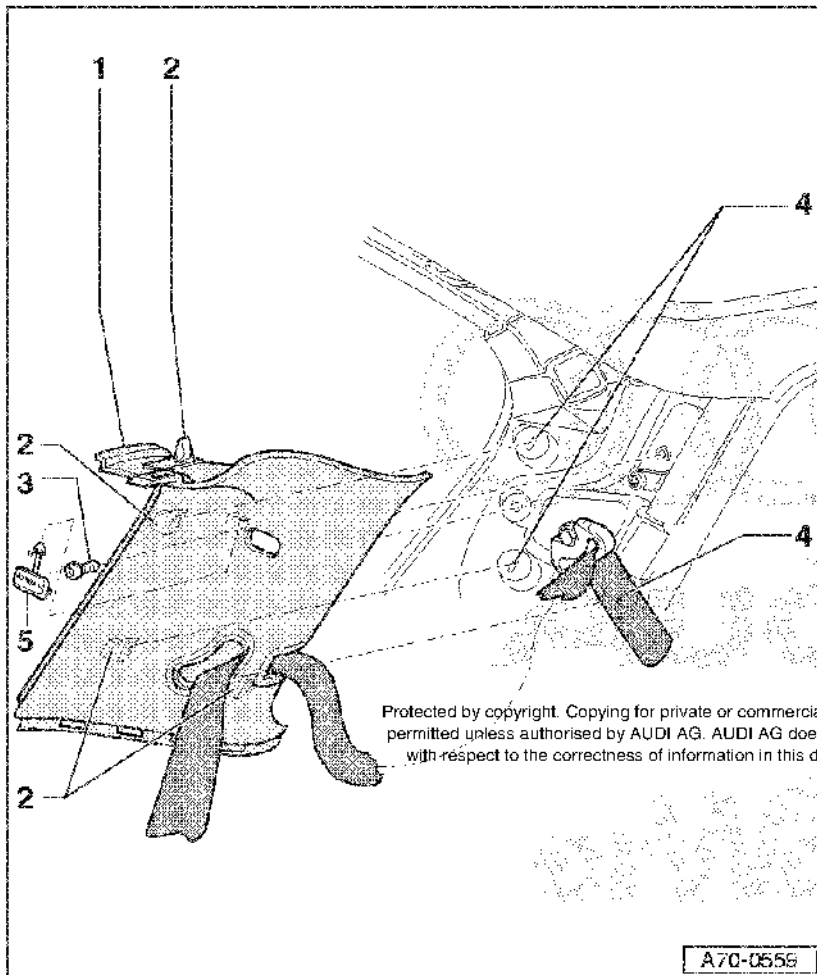


Fig.3 Checking clamp mounts for B-pillar trim

- Before installing any trim, the sheet metal -2- in the area of the clamp mounts -1- (2 on each side) must be checked.
- ◆ The sheet metal must lie flat on the mounts.
- ◆ Illustration shows a clamp mount which is OK.
- Align sheet metal if necessary.

70-117



Removing and installing D-pillar trim

Important

1 - D-pillar trim.

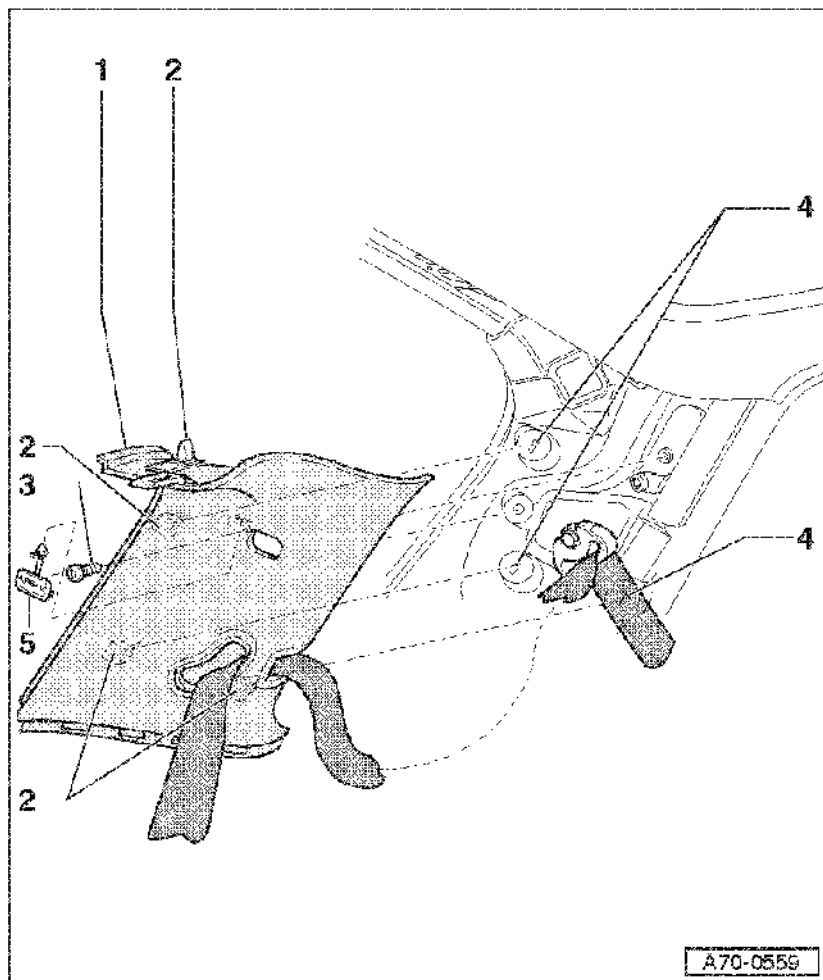
◆ Removing

- Remove roof frame trim => Page 70-87
- Remove rear seat backrest split => Page 72-186
- non-split => Page 72-188
- Unscrew lower seat belt bolt- ing point => Page 69-18
- Remove luggage compartment side trim => Page 70-106

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A70-0559

70-118



- Lever off cover -5-.
- Let cover -5- hang off trim -1-.
- Unscrew bolt -3-.

Note:

Only pull on side facing rear window when disassembling C-pillar trim -1-.

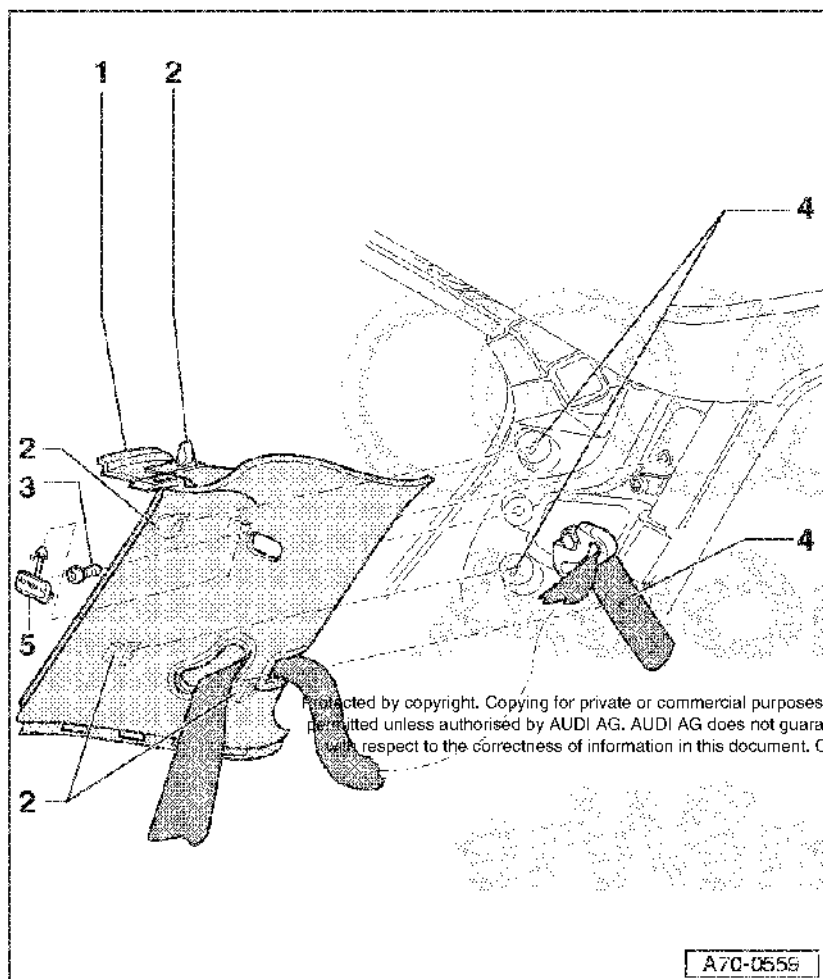
- Unclip trim -1- at clamps -2- (5x).

◆ Installing

- Detach trim cap -5- from trim -1-.
- Attach trim -1- at clamps -2-.

Note:

When installing C-pillar trim, only press on side facing rear window – do not knock.



- Press on trim -1-.
- Screw in bolt -3-.
- Attach and insert trim cap -5-.

2 – Clamp

3 – Bolt (1x)

- Tightening torque 4 Nm
- ◆ Self-locking
- ◆ Replace
- ◆ Threaded bores for bolts must always be cleaned (e.g. with a thread tap).

4 – Mounting

5 – Trim cap

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Trims for 5-door vehicles with head airbag

Removing and installing upper B-pillar trim

Important

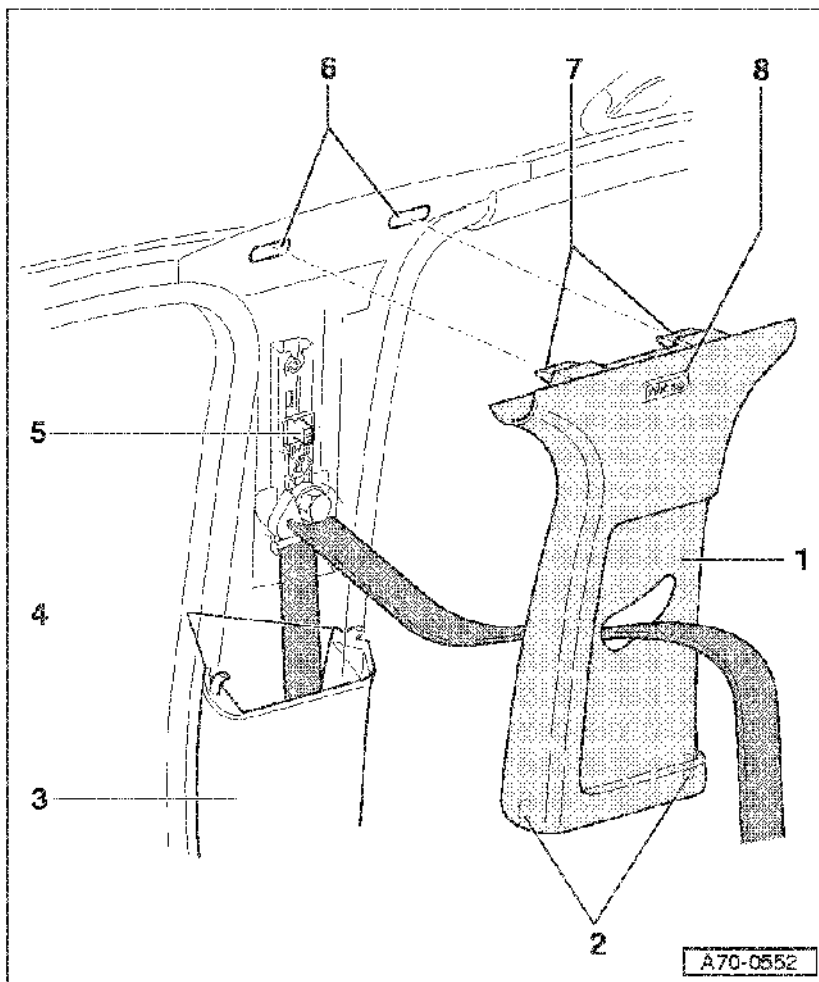
Note:

Airbag label -8- cannot be removed.

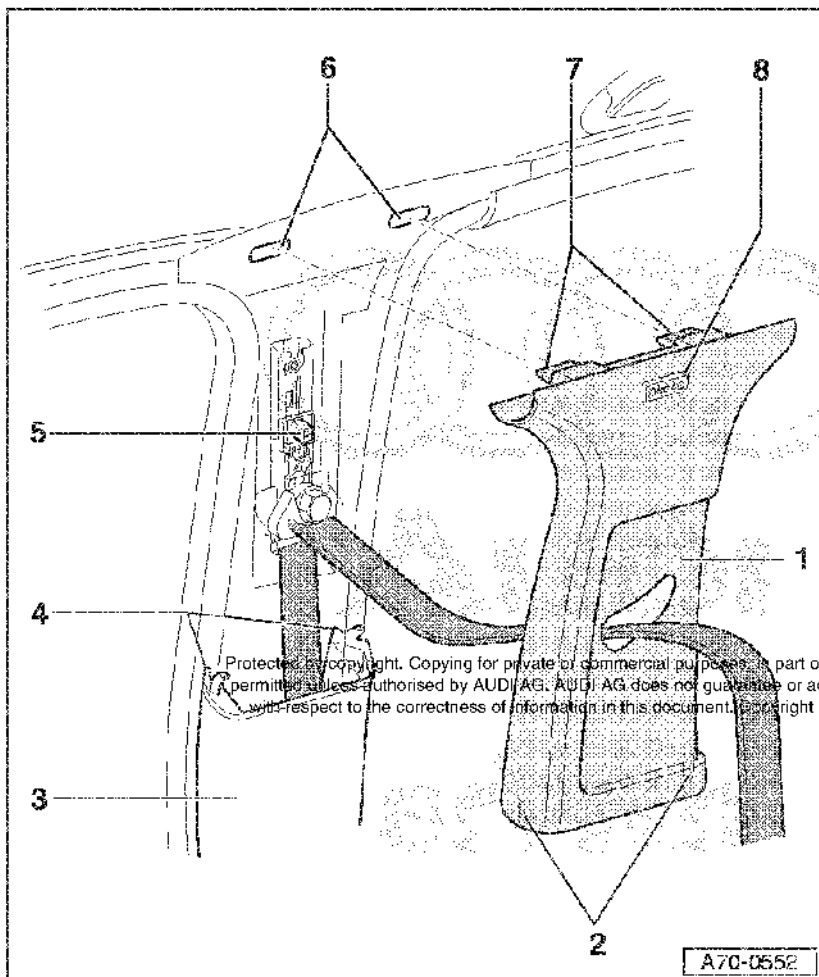
1 – B-pillar trim

◆ Removing

- Remove outer seat belt anchorage point => Page 69-35
- Unclipping upper B-pillar trim -1- => Fig. 2



70-121



- For vehicles with interior monitor, unplug connector for interior monitor.
- Detach retainers -5- upwards from lower B-pillar trim -6-.
- Guide three-point seat belt out of B-pillar trim -1-.

◆ Installing

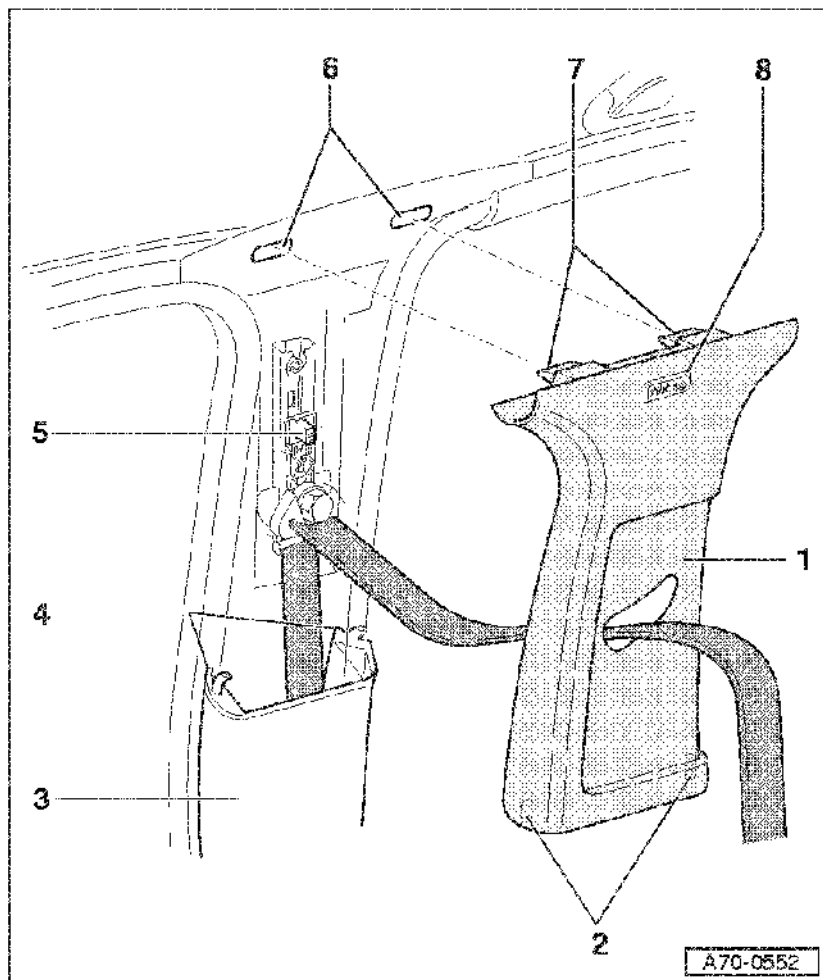
- Before installing the B-pillar trim, check the sheet metal at the mounts for the clips => Fig. 3
- Insert trim -1- with retaining lugs -2- in retainer tabs on lower B-pillar trim -3-.

Note:

Do not press button when installing.

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70-122

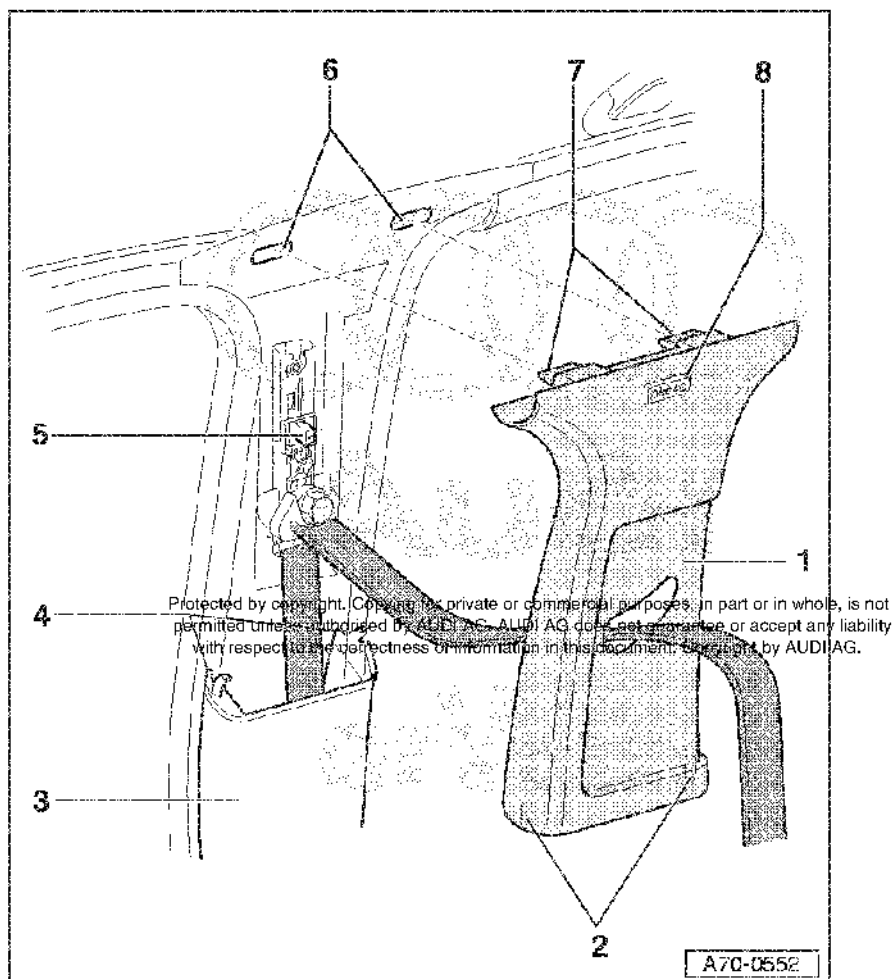


- Insert height adjustment switch in height adjuster -5- => Fig. 1
- Insert trim -1- with clamps -7- (2x) in mountings -6-.
- Clip on and secure trim.
- ◆ After installing trim ensure seal is seated correctly.

Notes:

Check operation after installing trim: Height adjuster must engage audibly in each of the 5 possible positions (including top position). Each time the height adjustment fitting is pressed it should return automatically to the "up" position.

70-123



- 2 – Retainer
- 3 – Lower B-pillar trim
- 4 – Retainer tabs
- 5 – Height adjuster
- 6 – Retainers
- 7 – Clamp
- 8 – Airbag label
- ◆ Cannot be removed

70-124

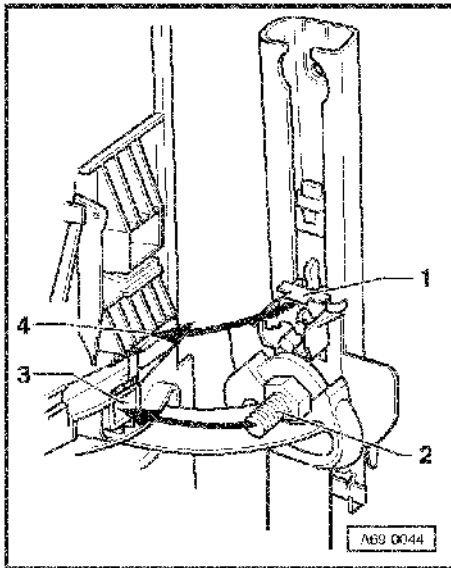


Fig.1 Installing upper B-pillar trim in belt height adjuster

- Move slide with button -4- (do not press button) downwards to height adjuster release lever -1- and at the same time insert pin -2- in mount -3-.

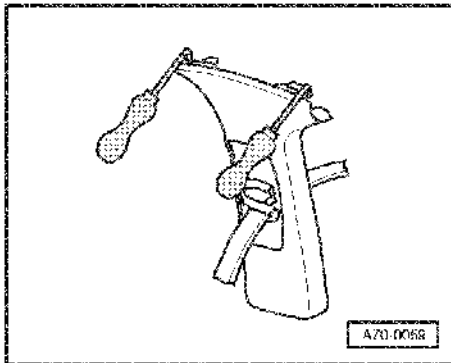


Fig.2 Removing lower B-pillar trim

- To facilitate disassembly use two assembly hooks -2-.
- Apply assembly hooks next to fasteners.

———— 70-125 ————

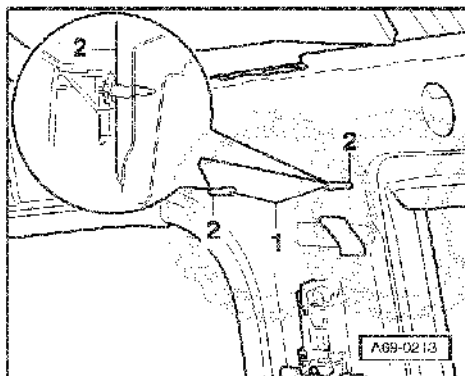


Fig.3 Checking clamp mounts for B-pillar trim

- Before installing any trim, the sheet metal -2- in the area of the clamp mounts -1- (2 on each side) must be checked.
- ◆ The sheet metal must lie flat on the mounts.
- ◆ Illustration shows a clamp mount which is OK.
- Align sheet metal if necessary.

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———— 70-126 ————

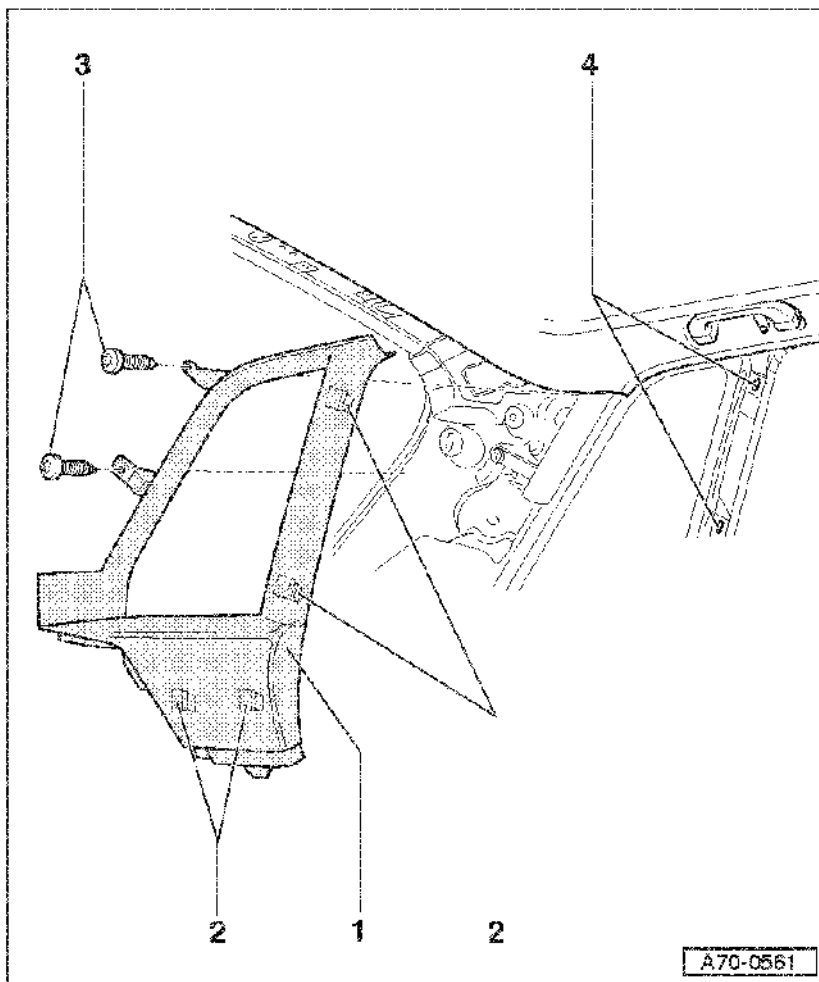
Removing and installing upper C-pillar trim

Important

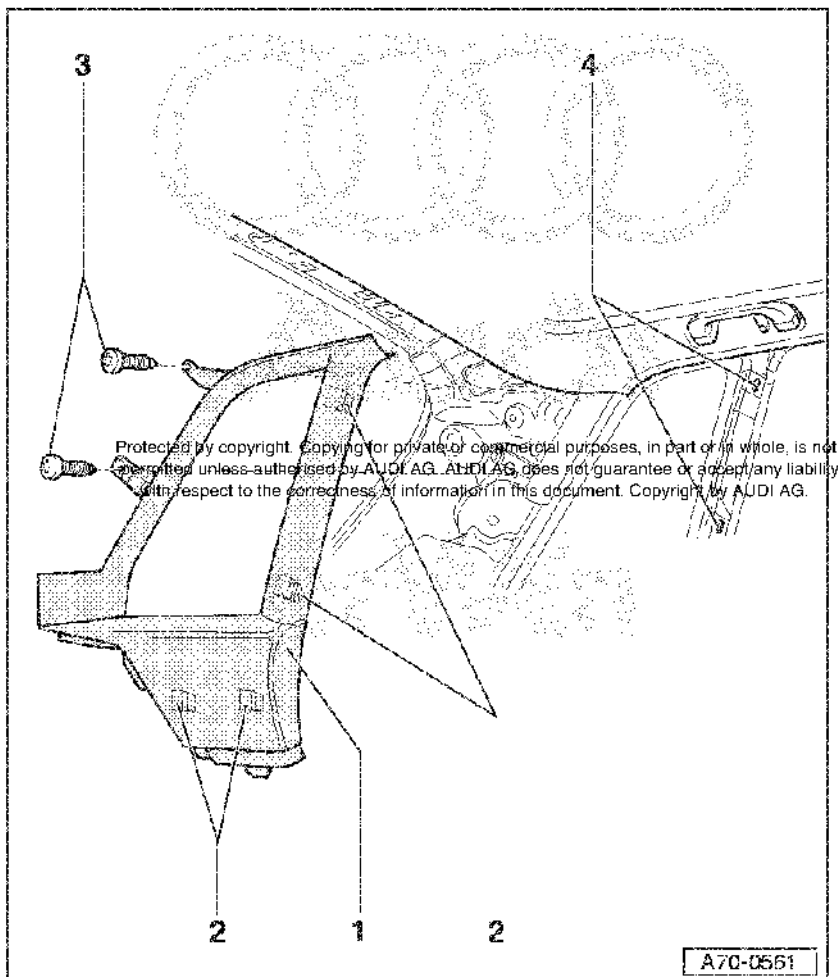
1 – Upper C-pillar trim

◆ Removing

- Remove roof frame trim => Page 70-87
- Remove rear seat backrest split => Page 72-186
non-split => Page 72-188
- Remove rear wheel housing trim => Page 70-108
- Remove luggage compartment side trim => Page 70-106



70-127



- Remove upper D-pillar trim => Page 70-129
- Remove bolts -3- (2x).
- Unclip trim -1- (4x).

◆ Installing

- Install in reverse order.

2 – Clamp

3 – Bolts (4x)

- Tightening torque 4 Nm.

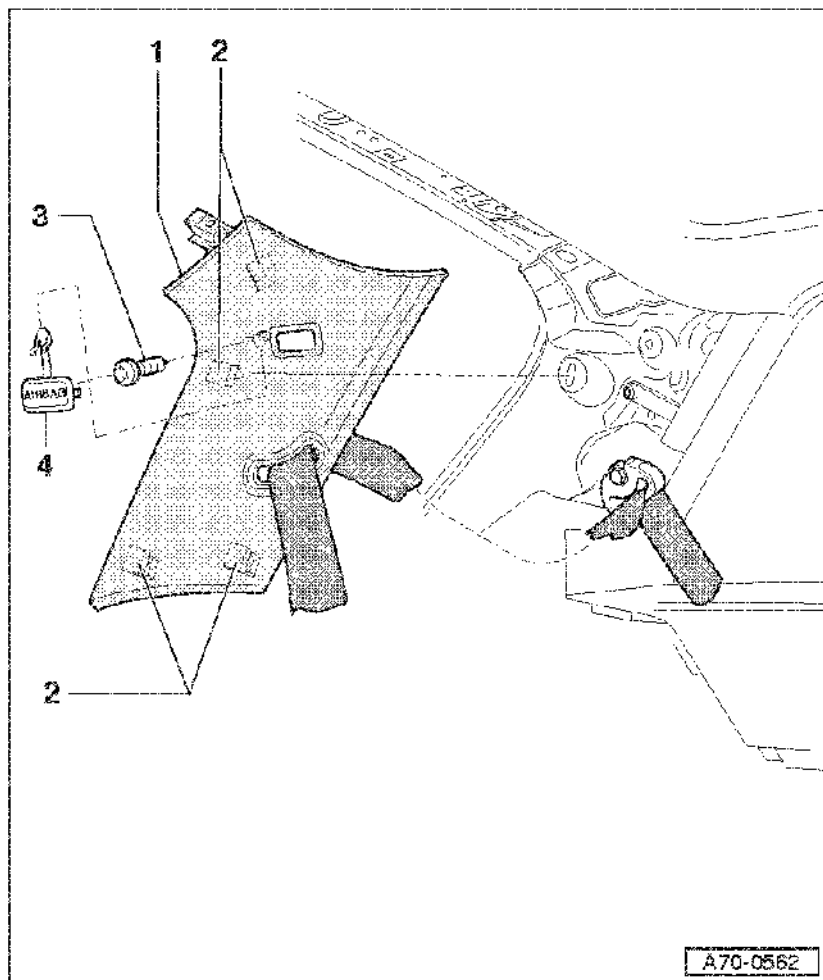
◆ Self-locking

◆ Replace

- ◆ Threaded bores for bolts must always be cleaned (e.g. with a thread tap).

4 – Mounts (4x)

70-128



Removing and installing D-pillar trim

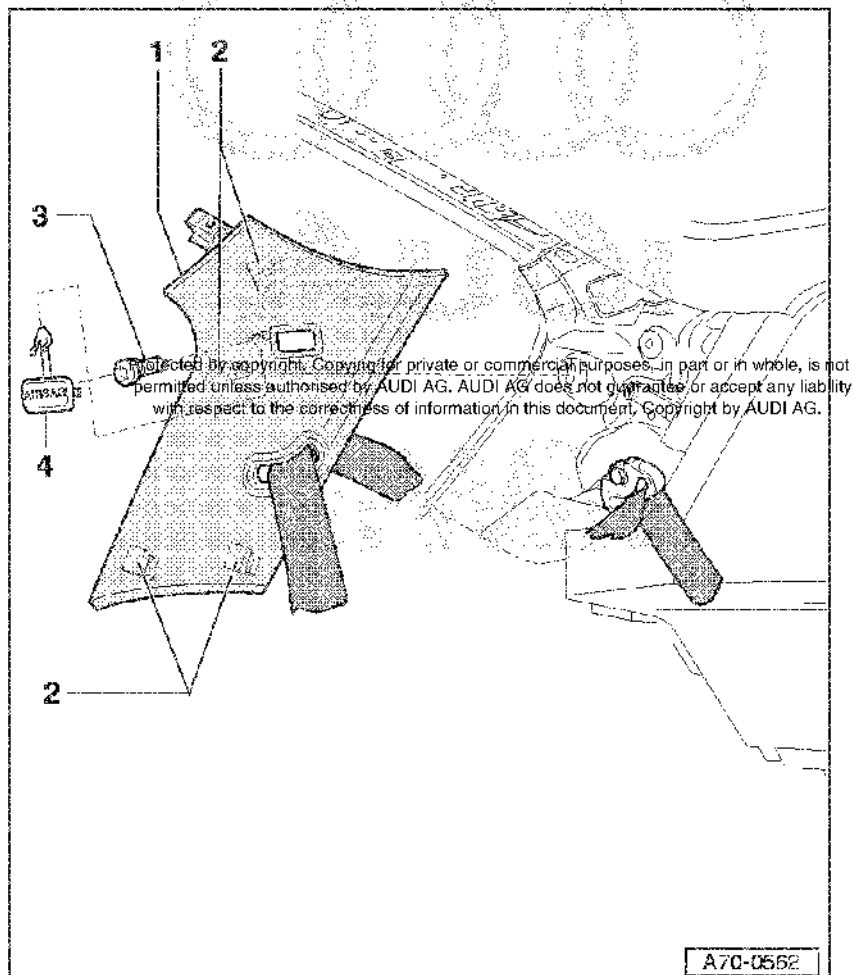
Important

1 – D-pillar trim

◆ Removing

- Remove bolt -3- (1x).
- Unscrew bolt -6-.
- Unscrew lower seat belt bolt-
ing point => Page 69-36

70-129



Note:

Only pull on side facing rear window when disassembling D-pillar trim -1-.

- Unclip trim -1- at clamps -2- (4x).

◆ Installing

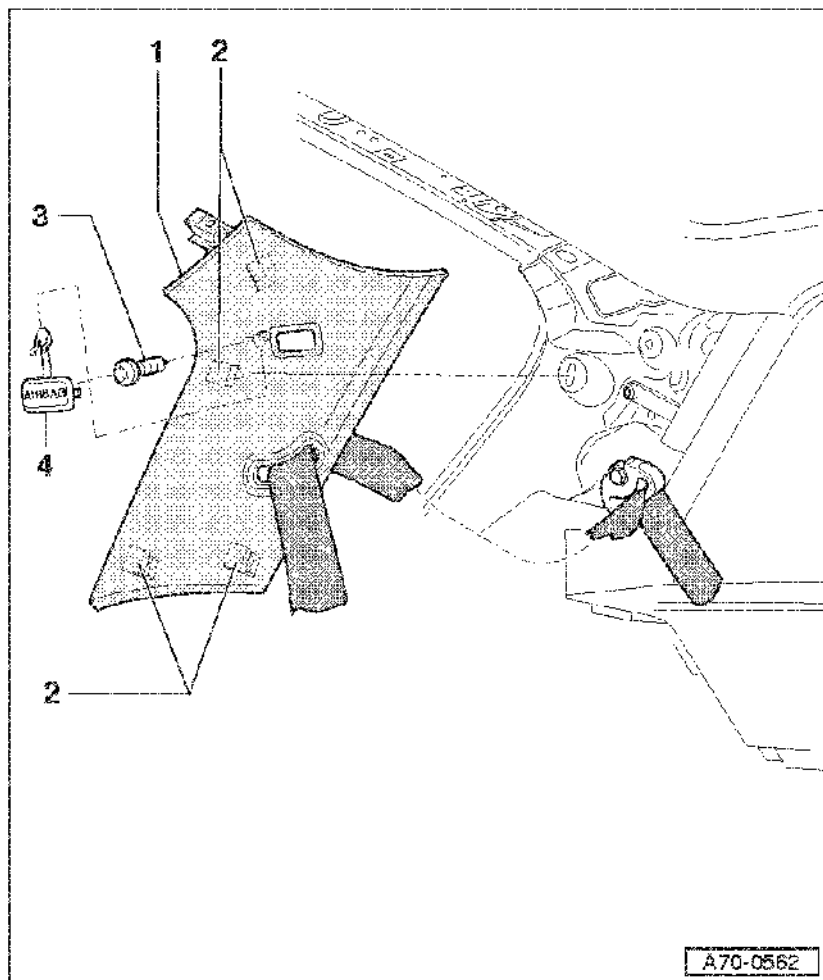
- Detach trim cap -3- from trim -1-.
- Attach trim -1- at clamps -2-.

Note:

When installing D-pillar trim, only press on side facing rear window – do not knock.

- Press on trim -1-.

70-130



- Screw in bolt -6-.
- Attach and insert trim cap -3-.

2 – Clamp

3 – Bolt (1x)

- Tightening torque 4 Nm
- ◆ Self-locking
- ◆ Replace
- ◆ Threaded bores for bolts must always be cleaned (e.g. with a thread tap).

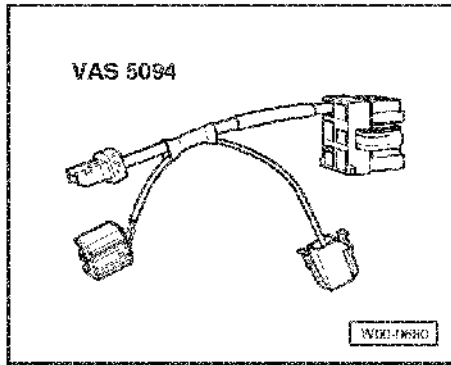
4 – Trim cap

Front seats (3-door vehicles)

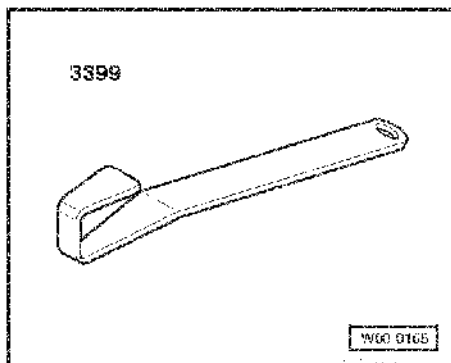
Tools

- ◀ **Special tools, workshop equipment, test equipment and auxiliary items required**

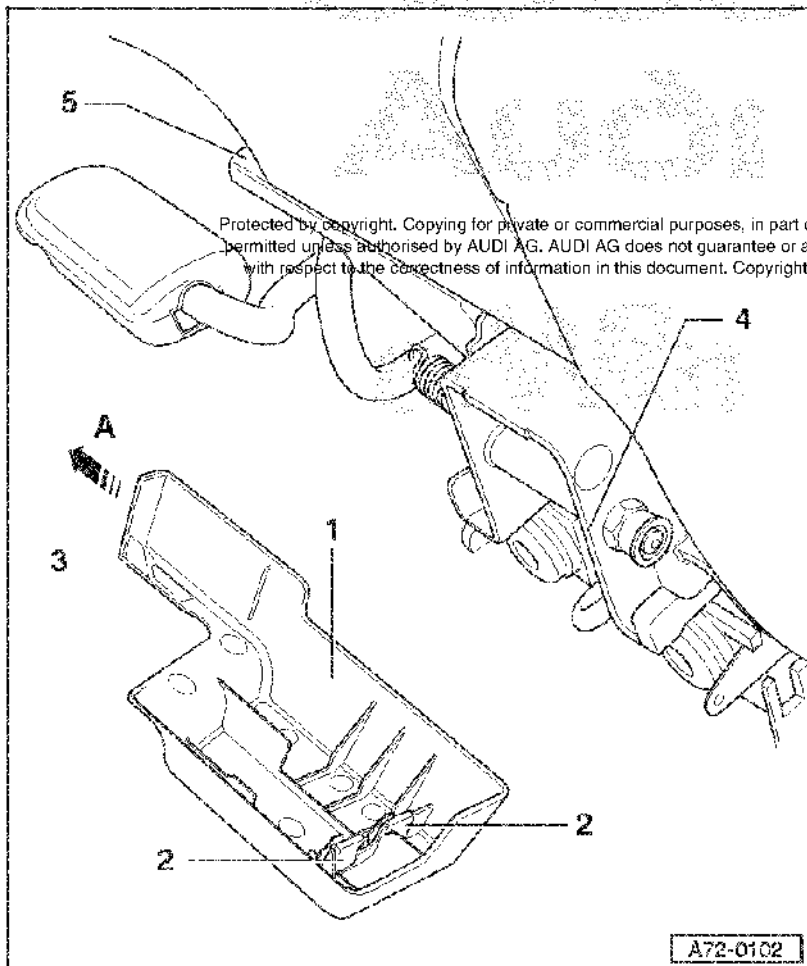
Airbag adapter VAS 5094



- ◀ **Special tool 3399**



72-1



Removing and installing front seat cover

1 – Front cover

◆ Removing

- Remove front covers -1- in the area of the retaining clips -2- towards the front.
- Pull out front trim -1- in direction of arrow -A-.
- Remove front cover -1-.

◆ Installing

- Engage retaining tab -3- on front trim -1- in bar -5-.
- Press on front trim cap -1- so that retaining clips -2- engage on seat -4-.

2 – Retaining clips (2x)

3 – Retainer tab

4 – Seat

5 – Bracket

72-2

Removing and installing rear cover on front seat rail (inboard side)

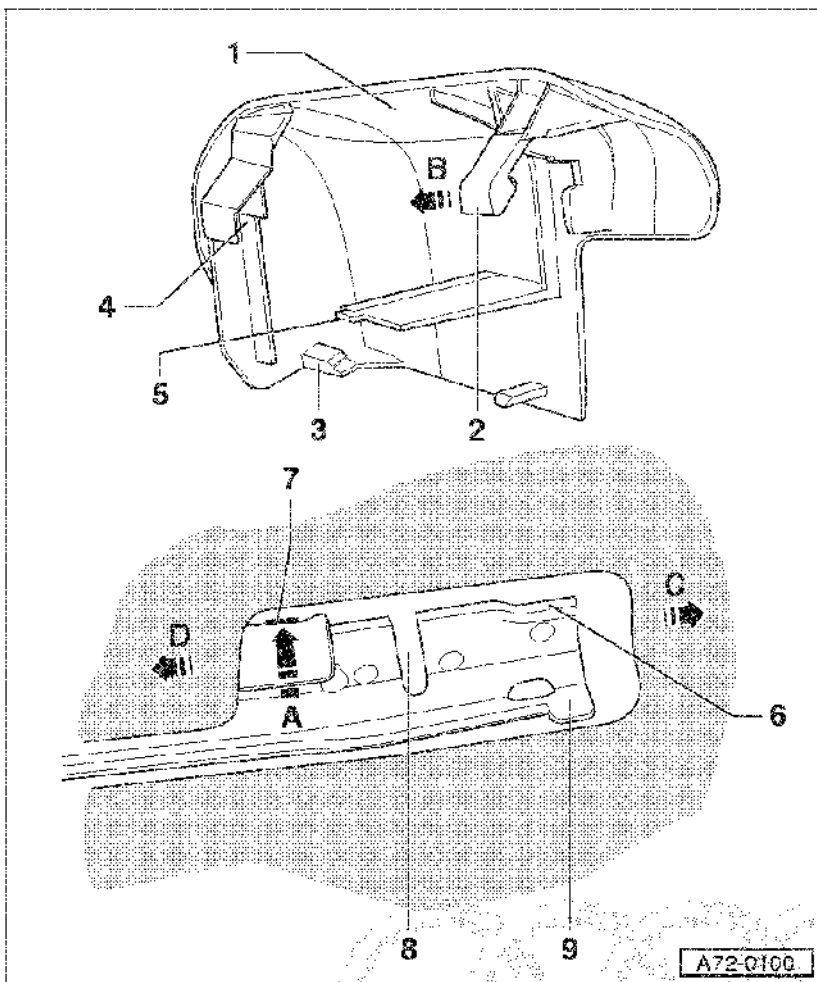
1 – Cover (inboard side)

◆ Removing

- Push one finger underneath cover inboard side -1- (direction of arrow -A-) and press the retainer tab -2- in direction of arrow -B-.
- At the same time pull front cover inboard side -1- in direction of arrow -C-.

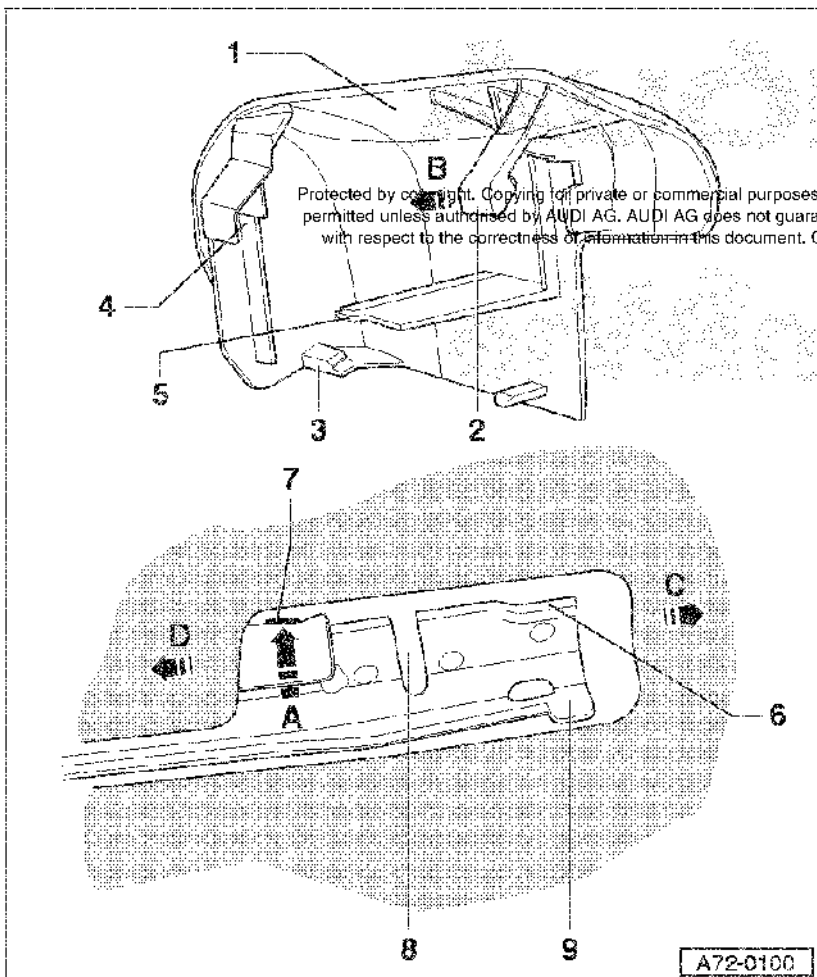
◆ Installing

- Enter the cover inboard side -1- press onto carpet and at the same in direction of arrow -D-.
- Enter guides -4- into guide rail -6-.



A72-0100

72-3



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2 – Retainer tab

3 – Retainer tab

4 – Guide

5 – Retainer tab

6 – Mounting

7 – Cut-out

8 – Mounting

9 – Metal tab

A72-0100

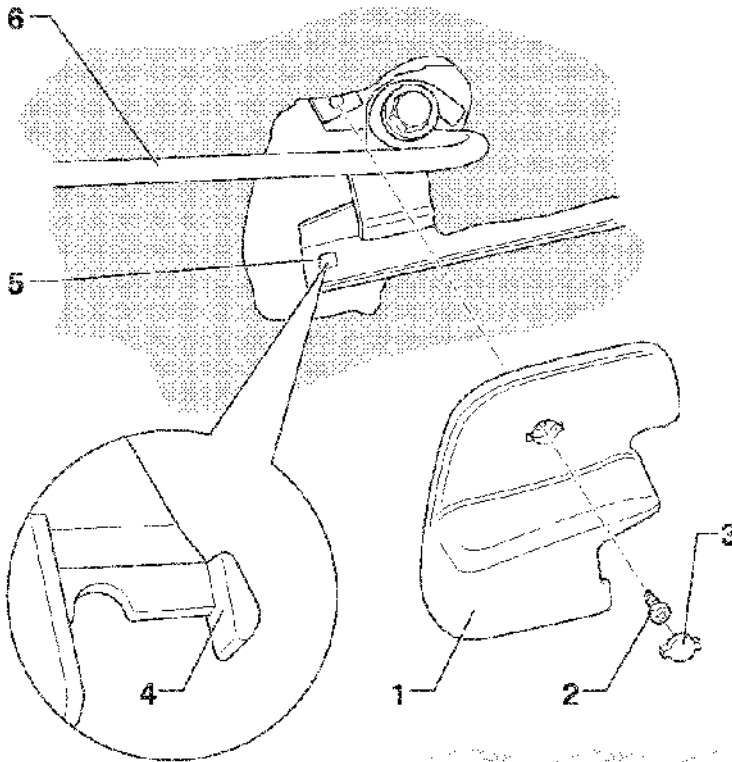
72-4

Removing and installing rear cover on front seat rail (outboard side)

1 – Cover (outboard side)

◆ Removing

- Lever out cover cap -3- with a screwdriver.
- Unscrew bolt -2-.
- Pull outboard side cover -1- towards the top with the retainer tab -4- from the mounting -5-.
- Pull outboard side mounting -1- to bottom behind the belt guide.



A72-0101

72-5

◆ Installing

- Push outboard side mounting -1- from bottom behind the belt guide.
- Engage locking lug -4- into mounting -5-.
- Screw in bolt -2-.
- Clip in cover cap.

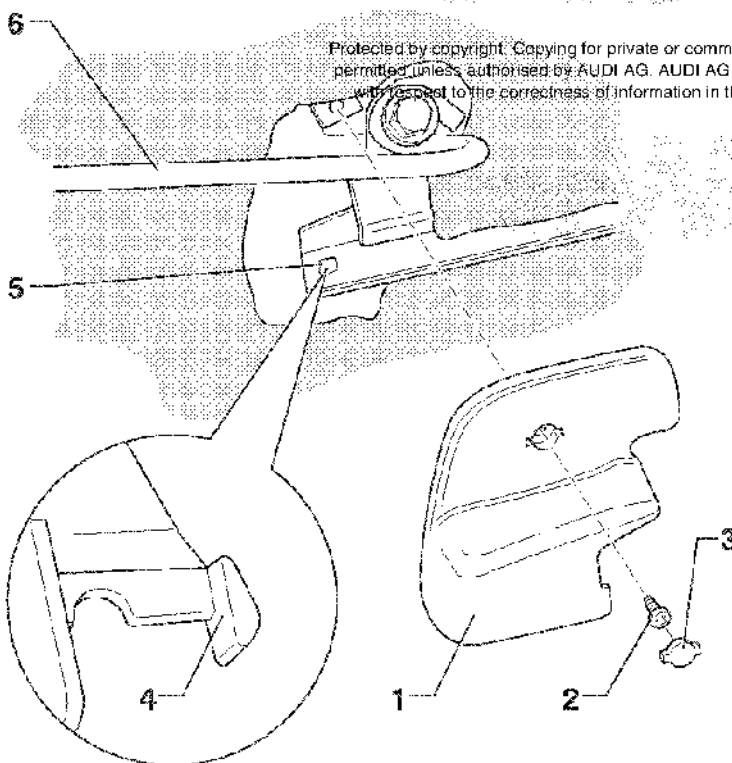
2 – Bolt (1x)

3 – Trim cap

4 – Retainer

5 – Mounting

6 – Belt guide



A72-0101

72-6

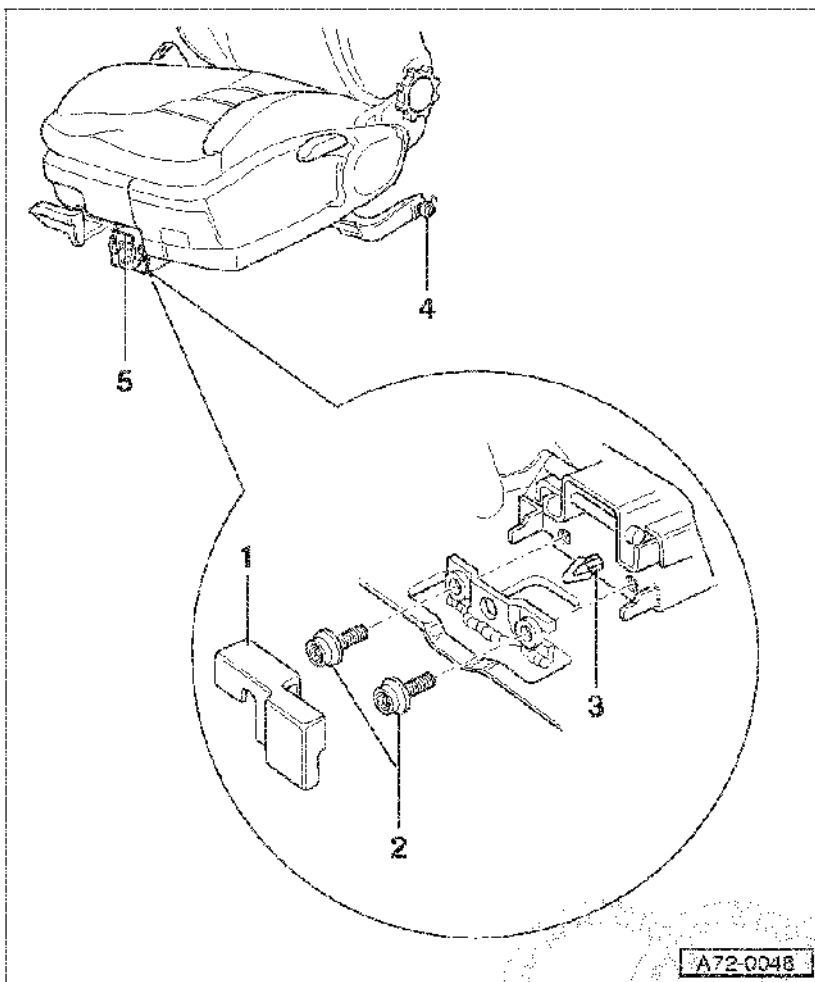
Removing and installing seat up to 01.1999

Notes:

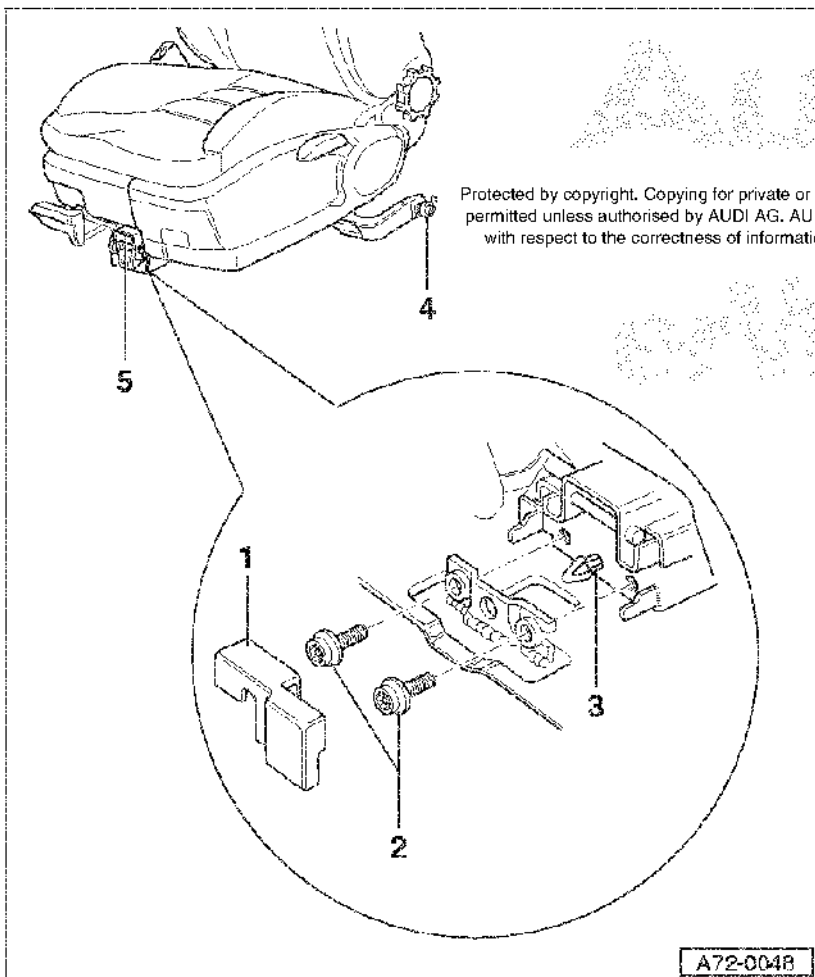
- ◆ The removal and installation procedures may have to be modified slightly depending on equipment versions.
- ◆ On vehicles with memory seat and electric seat, run the seat all the way to the rear and to the top height setting before disconnecting battery.
- ◆ Obtain radio code before disconnecting battery.

Important

- ◆ Observe safety precautions for working on airbag =>
- ◆ Observe seat installation instructions for vehicles with side airbag Page 72-9



72-7



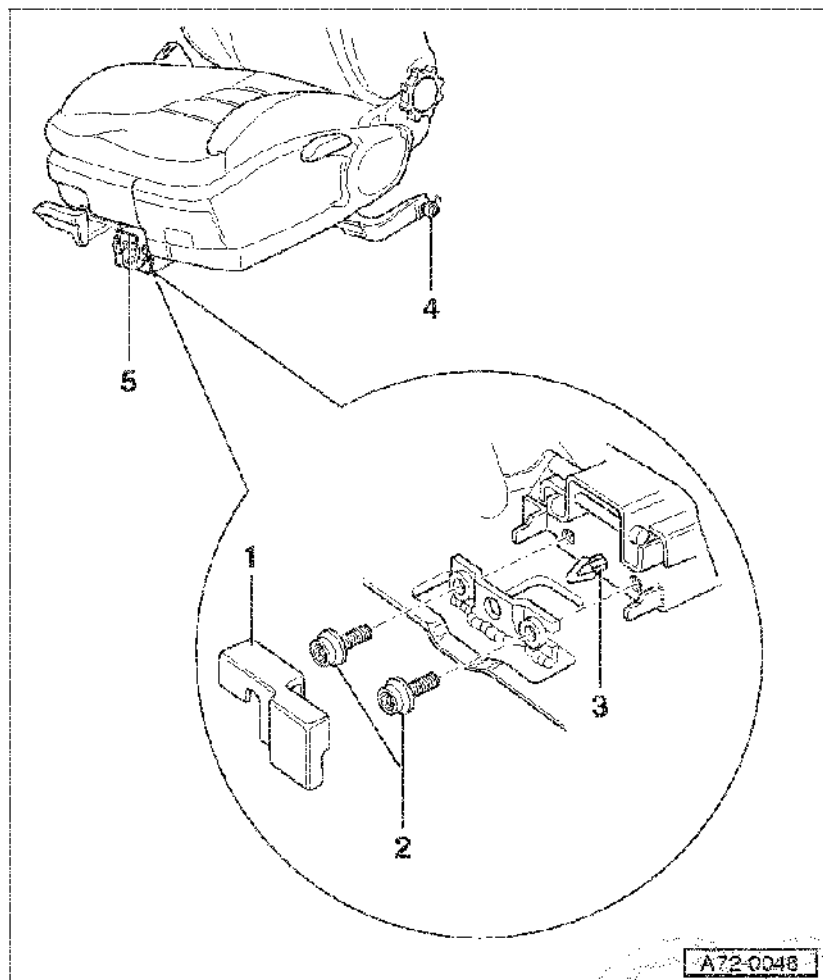
Important

Before removal of seat: Detach battery earth strap.

Removing

- Push seat forwards.
- Removing front seat rail rear cover (outboard side) => Page 72-5
- Removing front seat rail cover behind inboard side => Page 72-3
- Push back seat.
- Remove cap -1- => Page 72-2
- Unscrew bolts -2- (2x) and remove seat from clips -3-.
- On vehicles with heated seat, unplug connector.

72-8



A72-0048

- Connect airbag adapter VAS 5094 => Page 72-15
- Cover floor covering at rear around guide rail.
- Push seat backwards out of guide.

Installing

- Clip clips -3- into guide.

Installation is carried out in the reverse order; note the following:

Vehicles with side airbag:

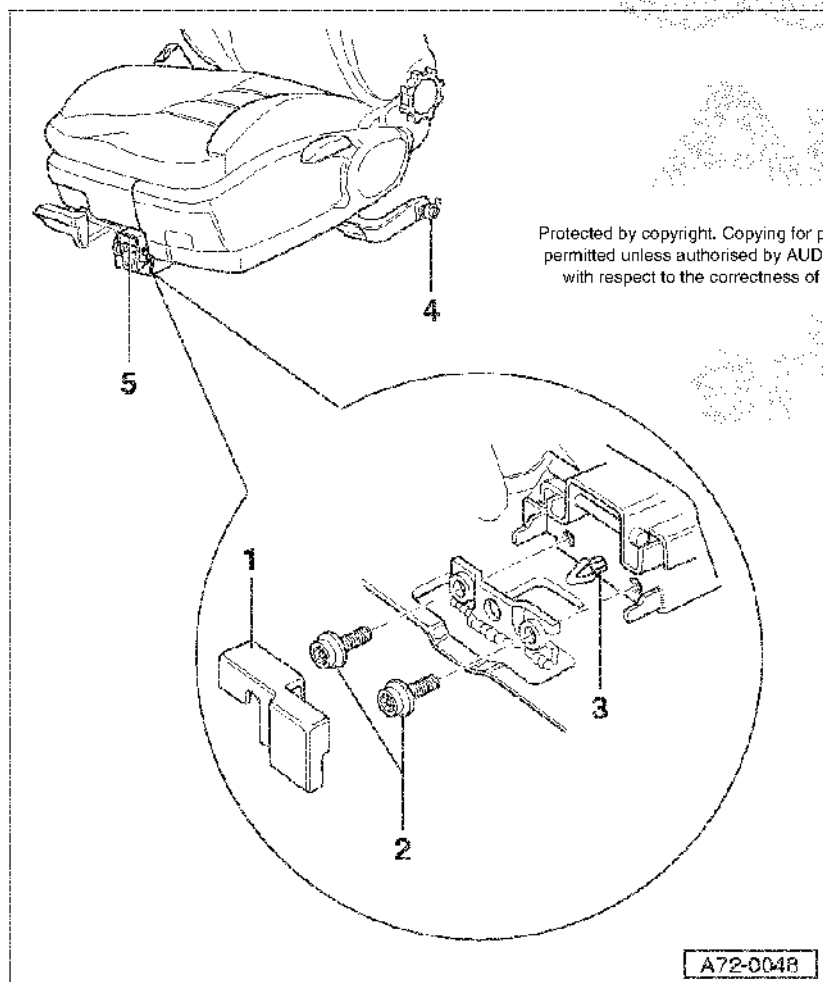
- Switch ignition on.

Important

There must be no-one in the vehicle when the battery is being connected.

- Connect battery earthing strap.

72-9



A72-0048

1 - Trim cap

2 - Bolts

- Tightening torque 23 Nm
- ◆ Secure bolts with locking compound when installing.
- ◆ Thread bores for bolts coated with locking compound must always be cleaned (e.g. with a thread tap) after bolts are removed.

3 - Clips

4 - Rear rollers

5 - Front slides

- Lubricate front slides -5- with multi purpose grease if seat does not slide back and forward smoothly.

72-10

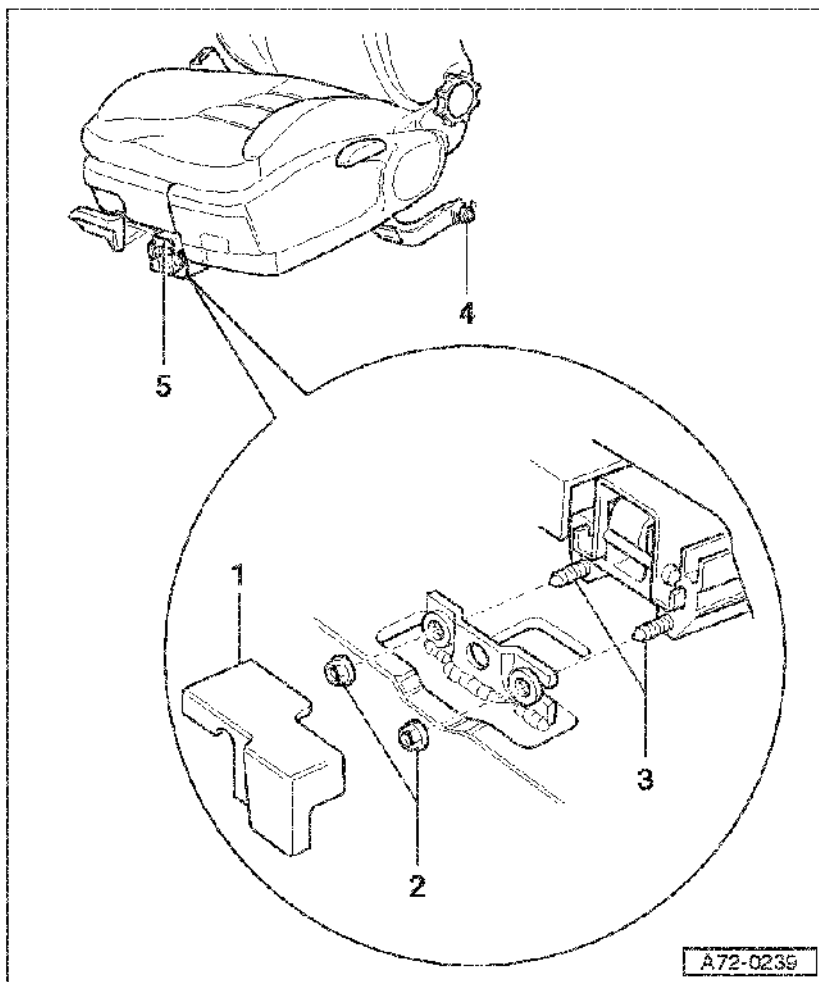
Removing and installing seats of 01.1999

Notes:

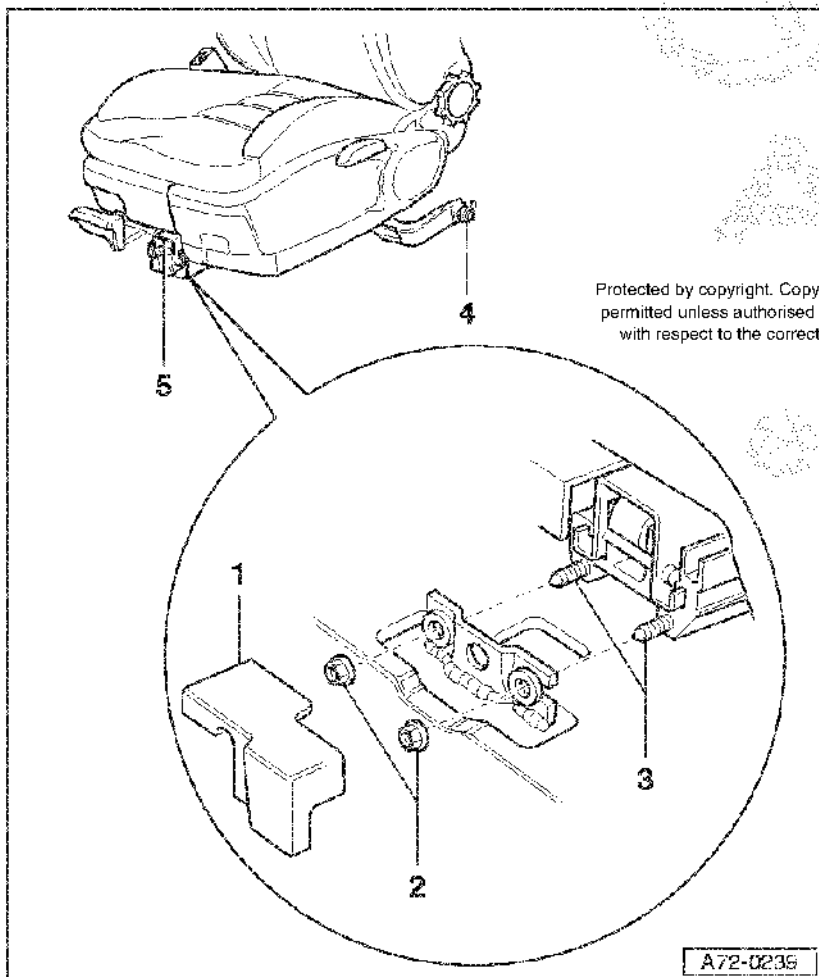
- ◆ The removal and installation procedures may have to be modified slightly depending on equipment versions.
- ◆ On vehicles with memory seat and electric seat, run the seat all the way to the rear and to the top height setting before disconnecting battery.
- ◆ Obtain radio code before disconnecting battery.

Important

- ◆ Observe safety precautions for working on airbag =>
- ◆ Observe seat installation instructions for vehicles with side airbag Page 72-13



72-11



Important

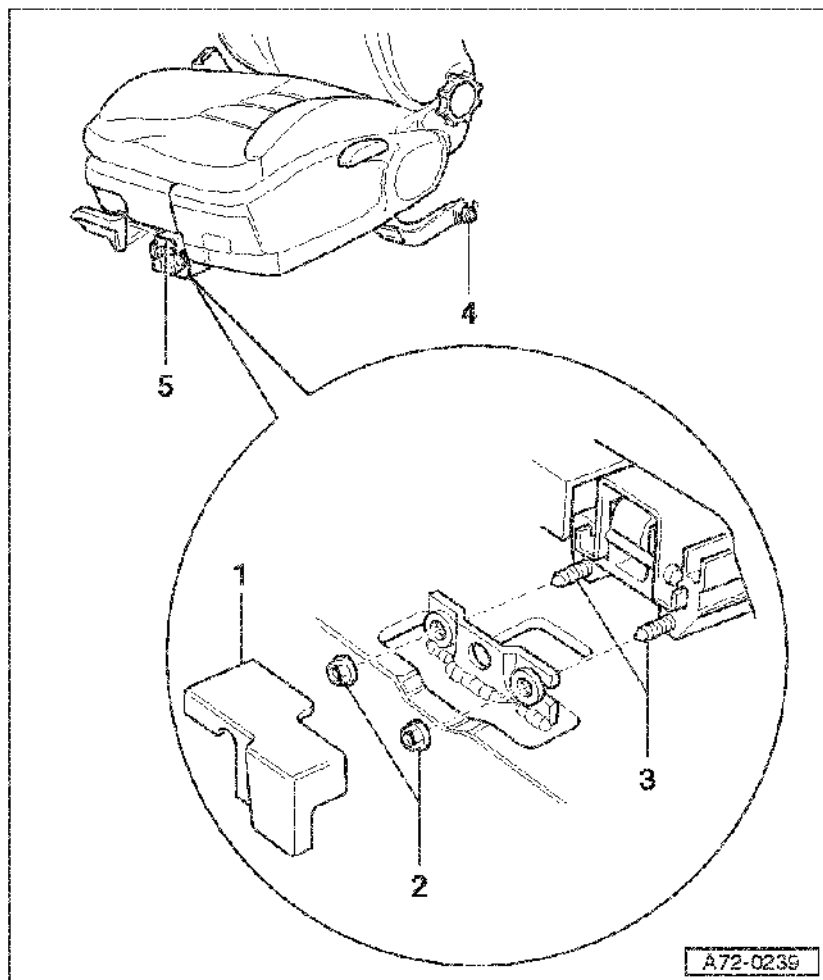
Before removal of seat: Detach battery earth strap.

Removing

- Push seat forwards.
- Removing front seat rail rear cover (outboard side) => Page 72-5
- Removing front seat rail cover (inboard side) => Page 72-3
- Push back seat.
- Remove cap -1- => Page 72-2
- Unscrew nuts -2- (2x) and remove seat by pushing backwards.
- On vehicles with heated seat, unplug connector.

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72-12



- Connect airbag adapter VAS 5094 => Page 72-15
- Cover floor covering at rear around guide rail.
- Push seat backwards out of guide.

Installing

Installation is carried out in the reverse order; note the following:

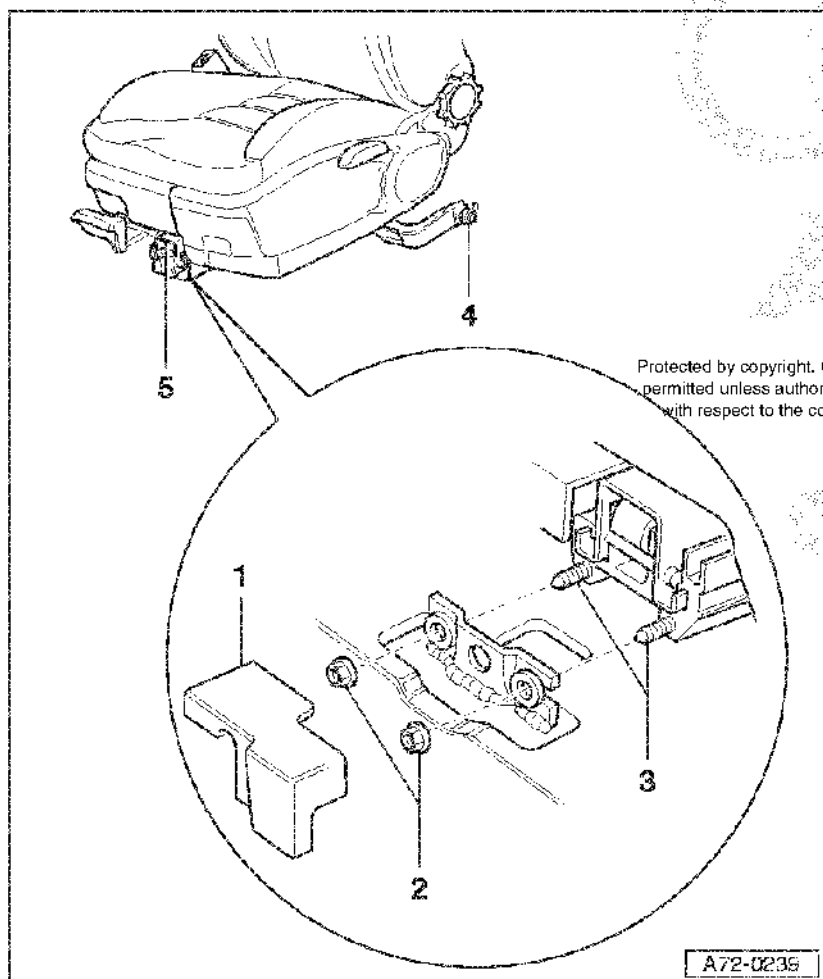
Vehicles with side airbag:

- Switch ignition on.

Important

There must be no-one in the vehicle when the battery is being connected.

- Connect battery earthing strap.



1 - Trim cap

2 - Nut (2x)

- Tightening torque 23 Nm
- ◆ Self-locking
- ◆ Replace

3 - Threaded pin

4 - Rear rollers

5 - Front slides

- Lubricate front slides -5- with multi purpose grease if seat does not slide back and forward smoothly.

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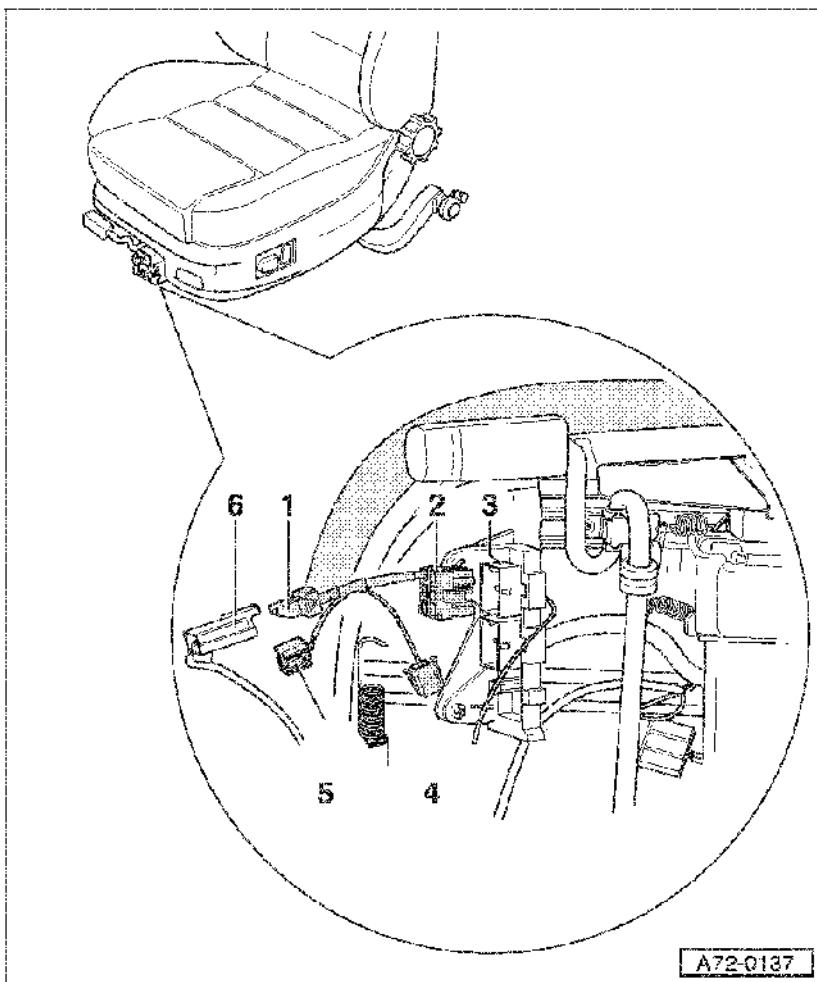
Connecting airbag adapter VAS 5094

Note:

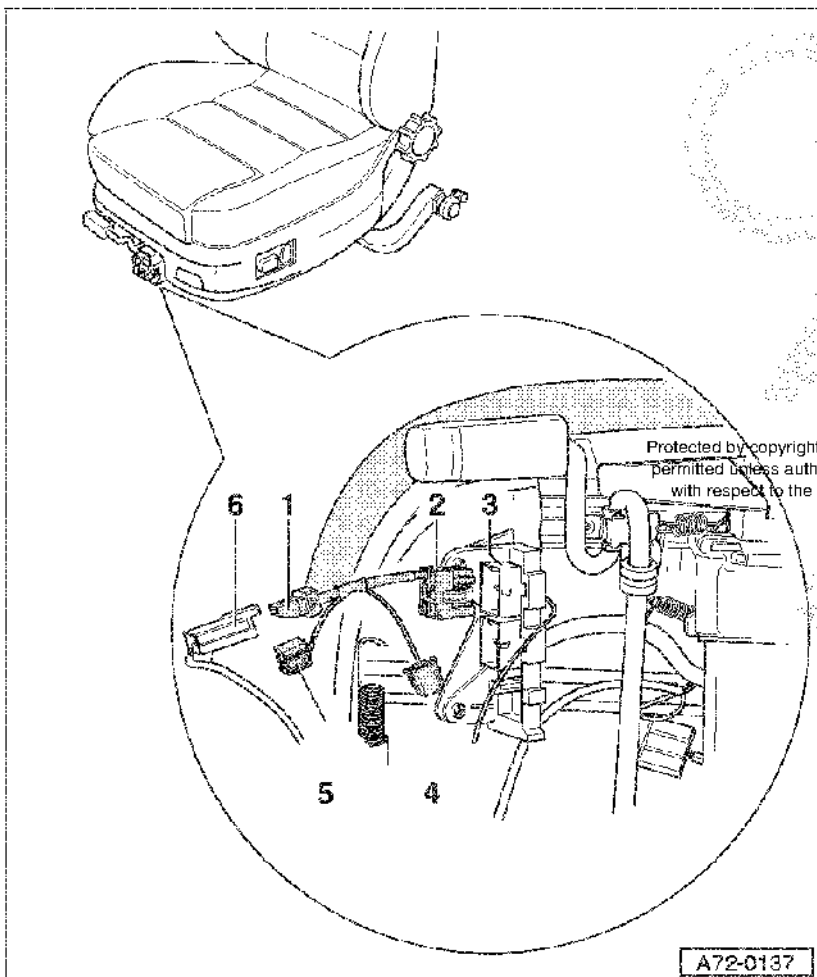
The mechanic must electrostatically discharge him/herself before disconnecting ignition and earth wires (briefly touch closing wedge for door or body).

Vehicles > 1998

- Disconnect igniter and earth wiring from side airbag
=> Fig. 1
- Connect plug -2- (airbag adapter VAS 5094) with plug housing -3-.
- Connect ignition wiring -6- from airbag module to connector -1- (Airbag adapter).



72-15



Vehicles 1999 >

- Disconnect igniter and earth wiring from side airbag
=> Fig. 1
- Connect ignition wire for airbag module to connector-5- (airbag adapter).

All models

Important

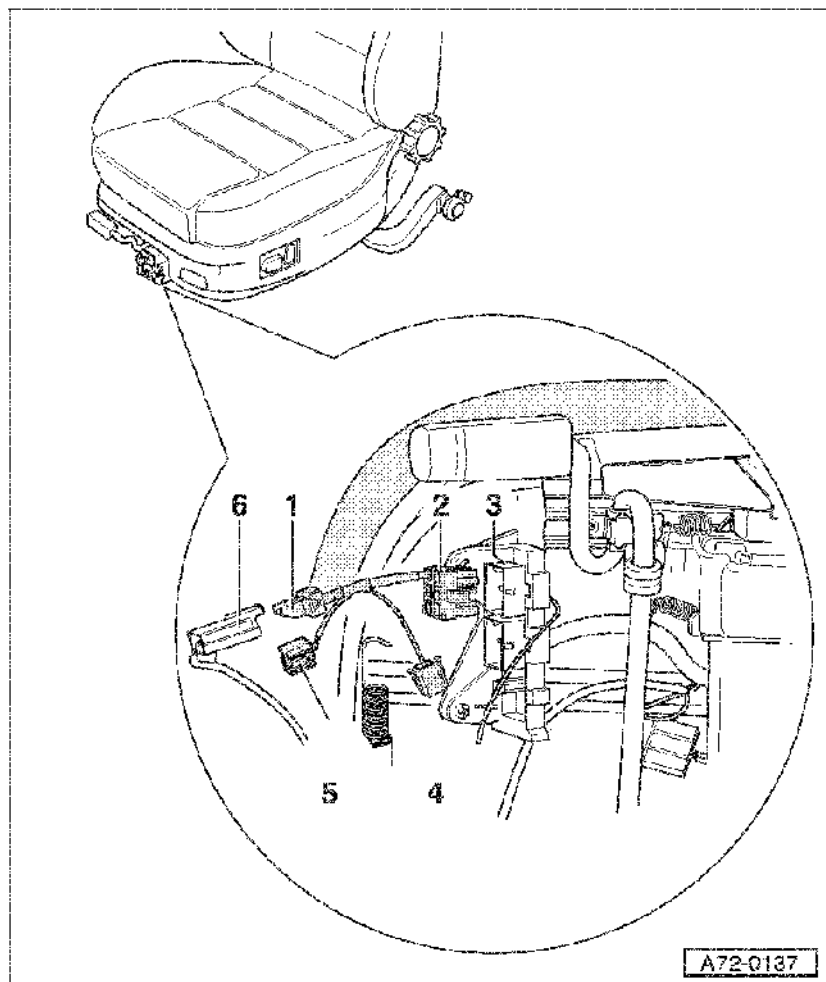
The airbag adapter VAS

1 - Airbag adapter igniter wire connector

2 - Earth wire for airbag adapter connector, Audi A6 1998 >, Audi A4 1995 > and Audi A3 1997 >

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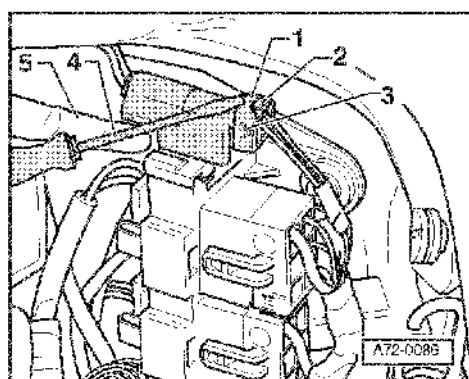
72-16



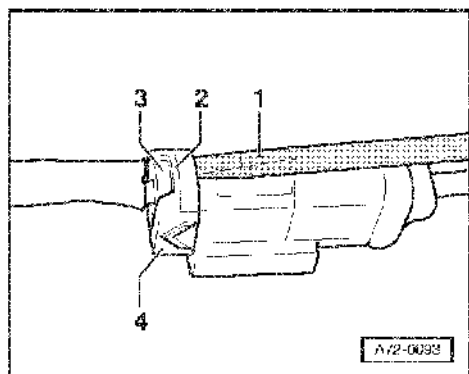
- 3 – Earth wire connector from airbag module.
- 4 – Airbag adapter – Plug earth wiring (Golf 1991 >)
- 5 – Earth wire for airbag adapter connector, Audi A6 1999 >, Audi A4 1999 >, Audi A3 1999 > and Audi TT 1999 >
- 6 – Igniter wire connector from airbag module

72-17

Fig.1 Detaching connector for side airbag



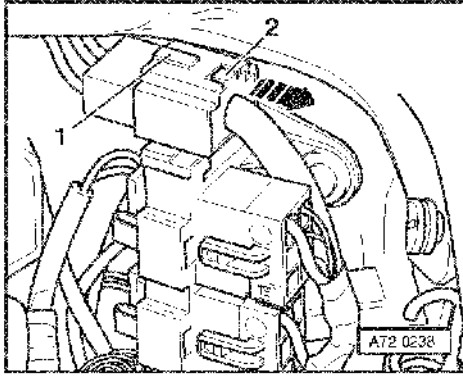
- ◀ – With a screwdriver -4- lever out plug -1- of side airbag over the locking tab -2- and pull out plug in direction of arrow -3-.
- Should you not be able to lever out the side airbag connector with a screwdriver, press the locking tab on the side airbag connector sideways with your fingers -5-.
- At the same time, pull connector for side airbag towards the front with the other hand.



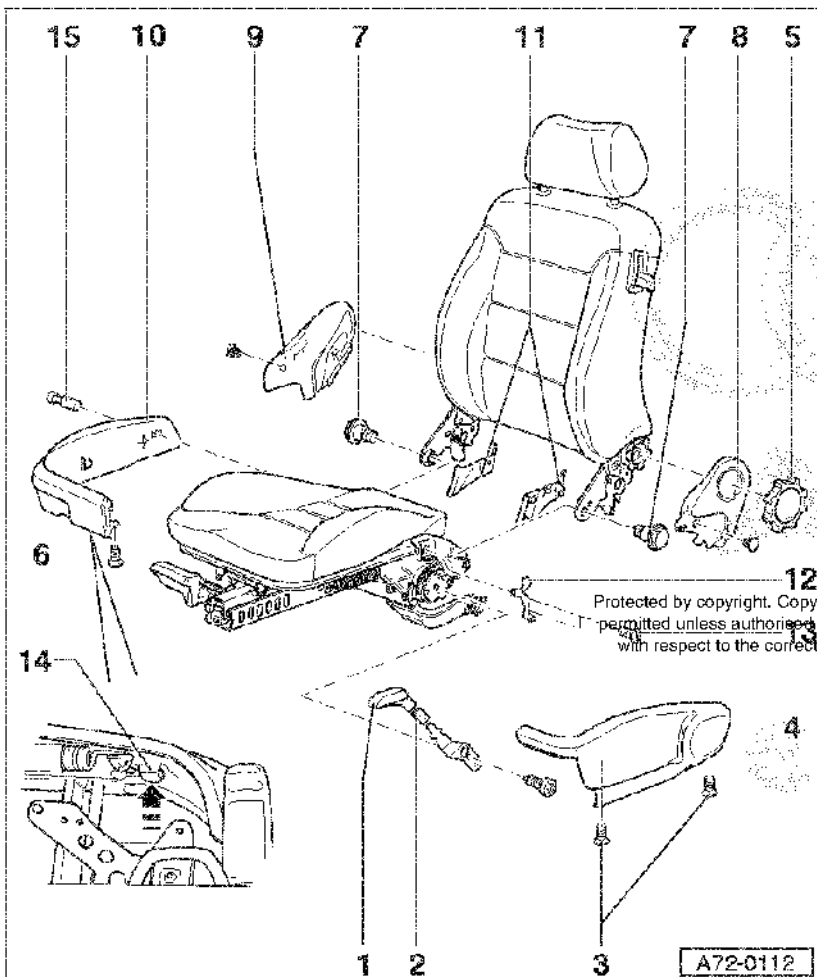
- ◀ – With a screwdriver -1- lever out catch -2- via the retaining tab -3- and detach connector -4-.

72-18

Fig.2 Detaching connector for side airbag (all models 1999 >)



- ◀ - Press locking tab -2- and remove connector in direction of arrow.
- 1 - Airbag connector



Removing and installing front seat backrest

Important

Observe relevant safety precautions for vehicles fitted with side airbags =>

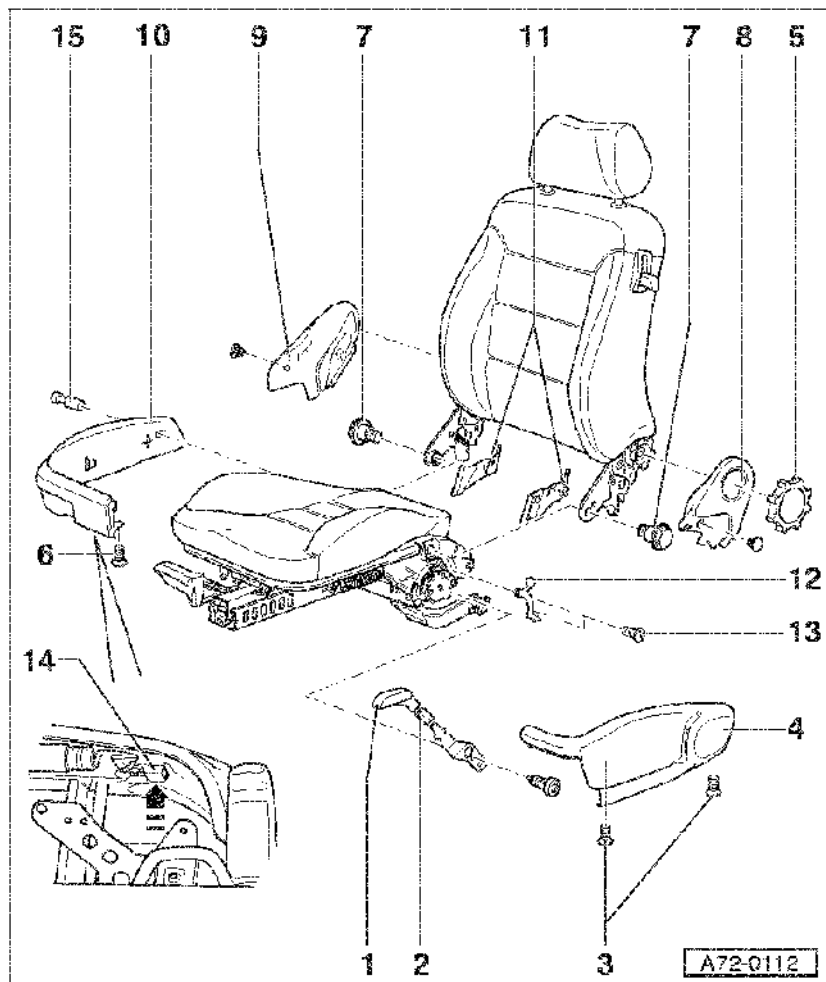
- Remove seat => Page 72-11
- Remove drawers => Page 72-29

Important

In the case of () seats the backrest must be folded forwards for removal so as to avoid component damage.

- Removing seat height adjustment lever -1- => Page 72-25

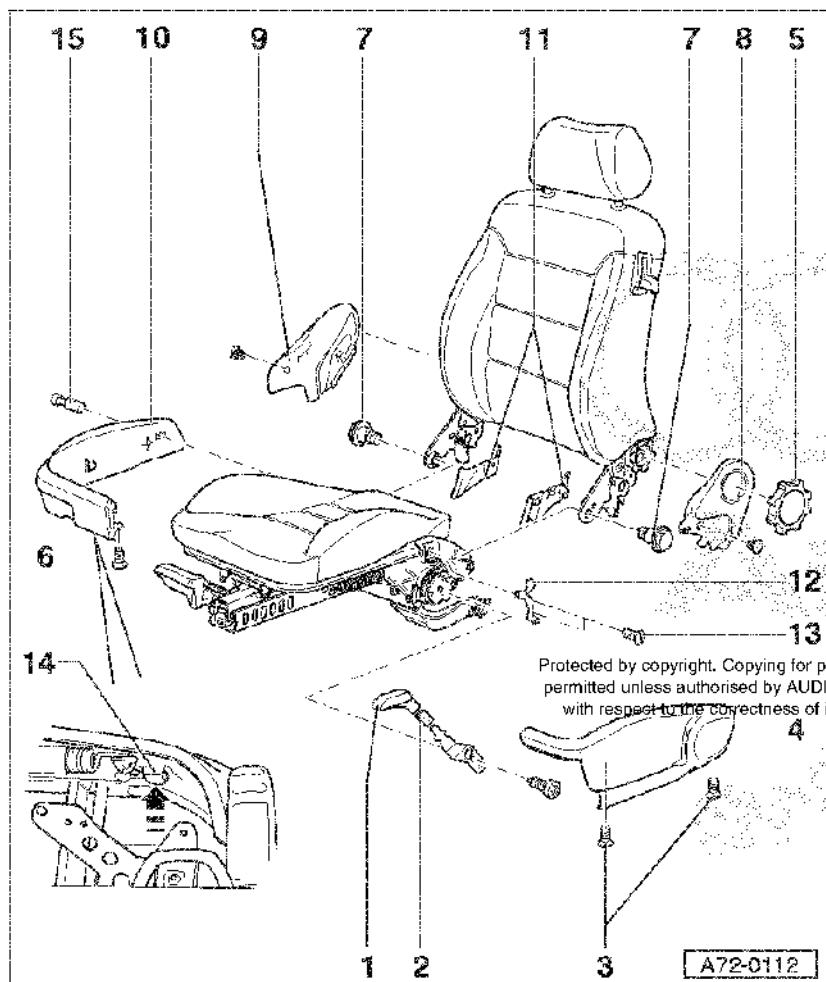
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Note:

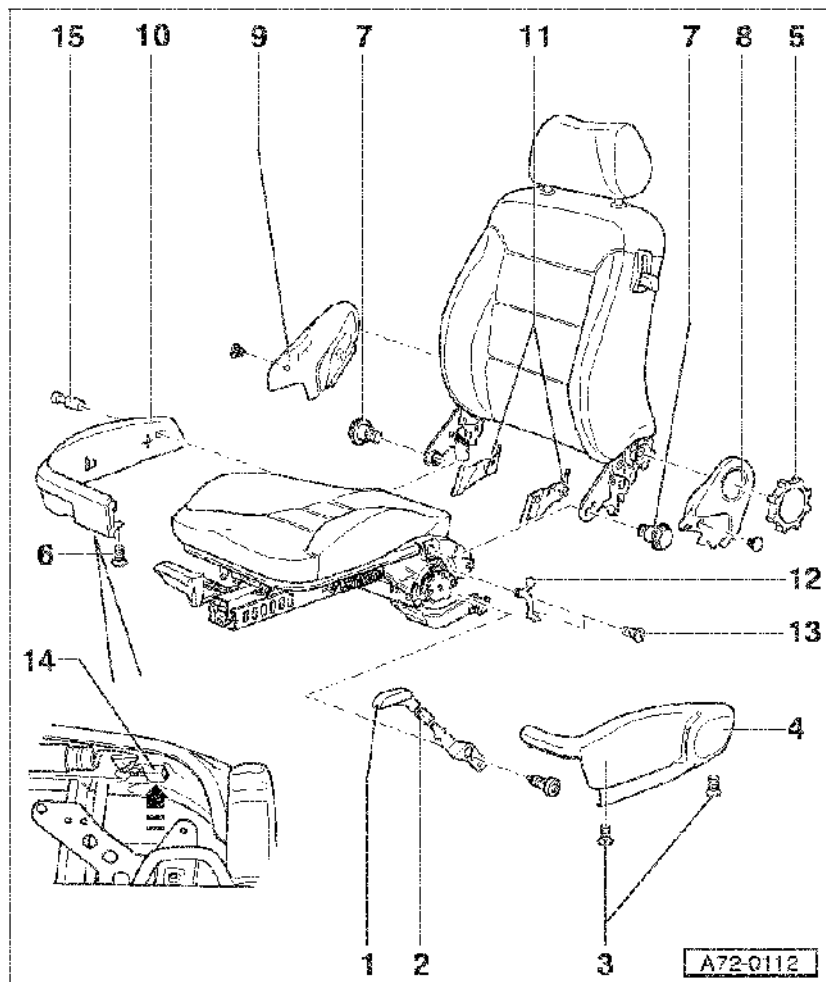
If clamp -2- remains on lever when adjuster grip is removed, detach clip in order to avoid scratching side panel of seat.

- Remove bolts -3- (2x).
- Release holding lug -14- by pressing it into direction of arrow.
- Push outer seat side panel -4- forward.
- Remove backrest adjuster wheel -5- => Page 72-27
- Push expanding pin -8- out of outer fitting panel.
- Unclip outer fitting panel -8-.
- Push expanding pin out of inboard side fitting panel -9-.
- Unclip fitting panel on tunnel side -9-.



- Push through expanding pin -15- from inboard side seat side panel -10-.
- Remove seat side panel -10- inboard side; unscrew bolt -6-.
- Unplug connector for backrest heating.
- On seats with side airbag, unplug connector for side airbag with earth cable from connector console => Page 69-39
- Unscrew bolts from inner fitting panels -11- on left and right and unclip inner fitting panels.
- Unscrew bolt -13- from bracket -12-.
- Fold backrest forwards.
- Remove bolts -7- (2x).

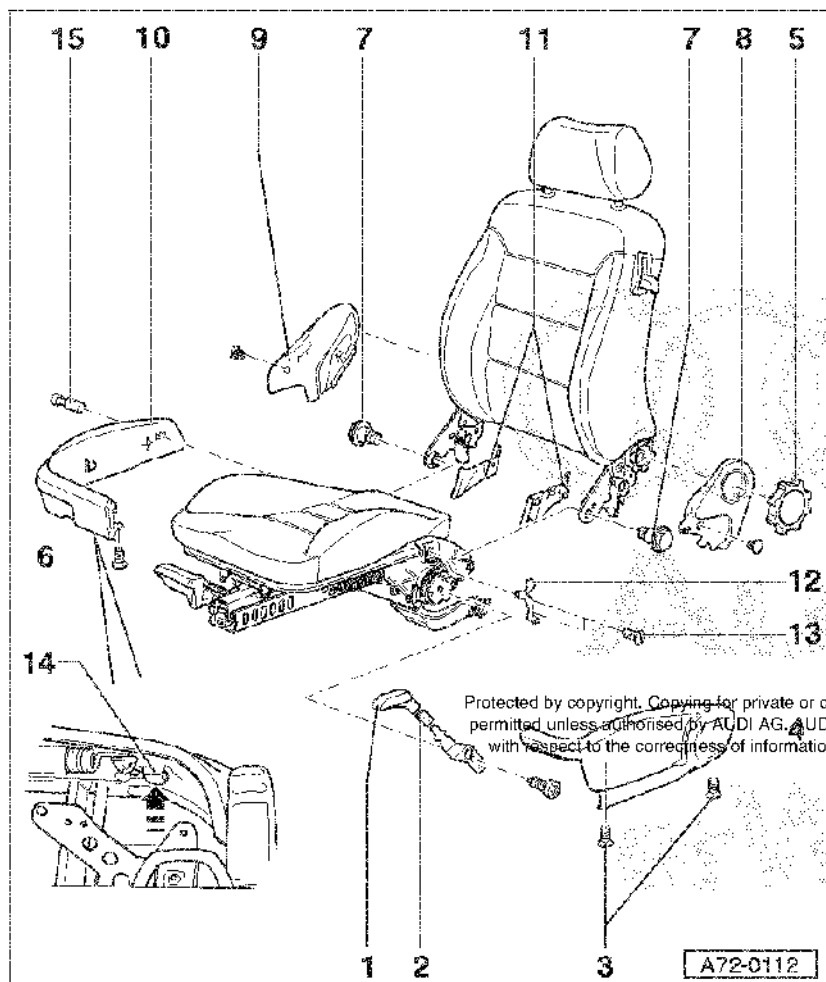
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Note:

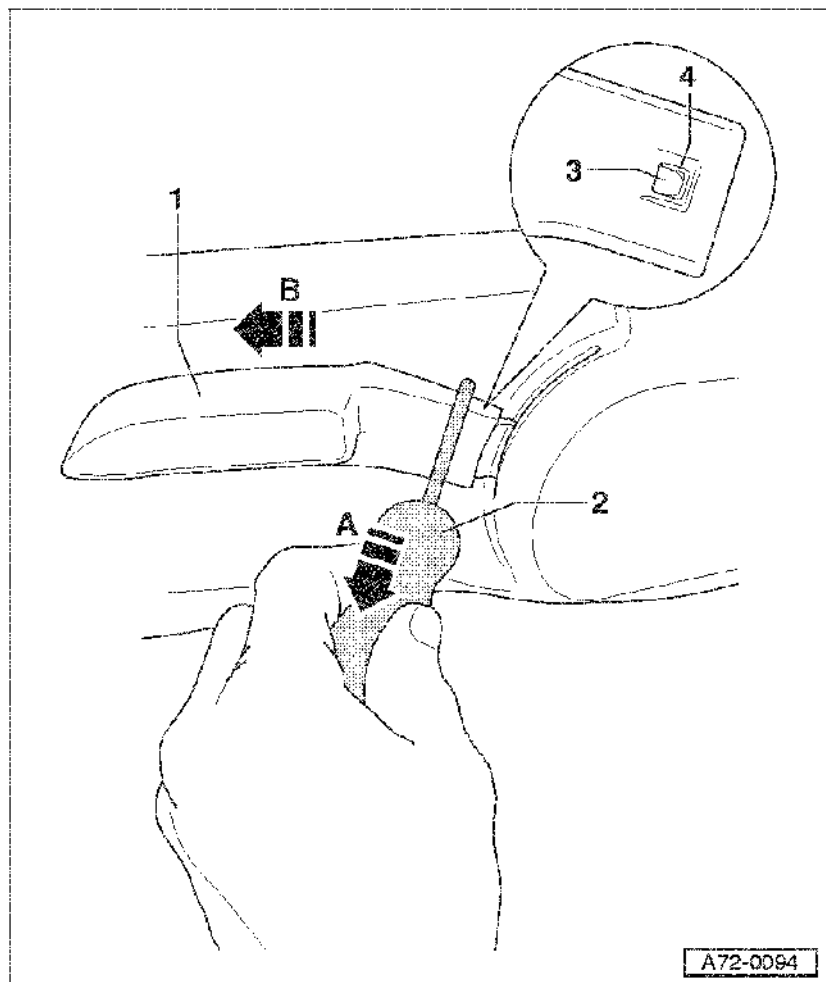
Always renew bolts -7-. Recut threads before fitting new bolts. Observe installation direction of clamp -2- when installing => Page 72-26

- 1 – Adjuster grip handle
- 2 – Clamp
- 3 – Bolts
- 4 – Outer seat side panel
- 5 – Adjuster knob
- 6 – Bolts
- 7 – Bolts
– Tightening torque 8 Nm



- 8 – Outer fitting panel
- 9 – Inboard side fitting panel
- 10 – Inboard side seat side panel
- 11 – Inner fitting panels
- 12 – Bracket
- 13 – Bolt
- 14 – Retainer tabs
- 15 – Expanding pin

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Removing seat height adjustment lever

- Make an auxiliary tool => Fig. 3
- Slightly pull the seat height adjustment lever -1- away from the seat.
- Guide the auxiliary tool -2- into the mounting -4-.
- Pull auxiliary tool -2- in direction of arrow -A- and press spring -3- outwards.
- Pull seat height adjuster lever -1- in direction of arrow -B-.

1 – Seat height adjuster lever

2 – Improved tool

3 – Spring

4 – Mounting

A72-0094

72-25

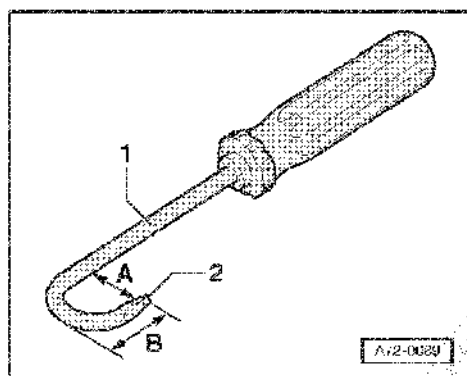
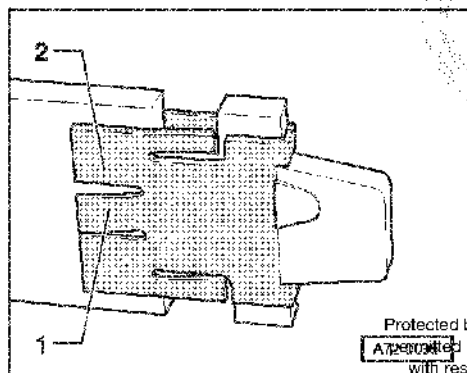


Fig.3 Auxiliary tool for removing seat height adjuster lever

- Bend a screwdriver -1- with a width -2- of 3.5 mm and the dimensions -A- 20 mm, -B- max 15 mm.

Installing retaining clip

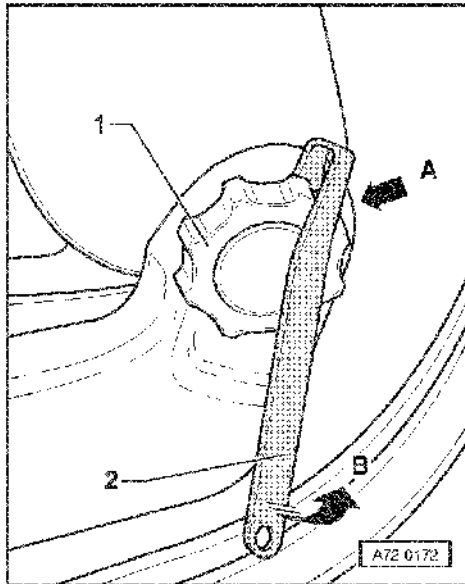


- The spring -1- of the retaining clip -2- must face the seat.

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72-26

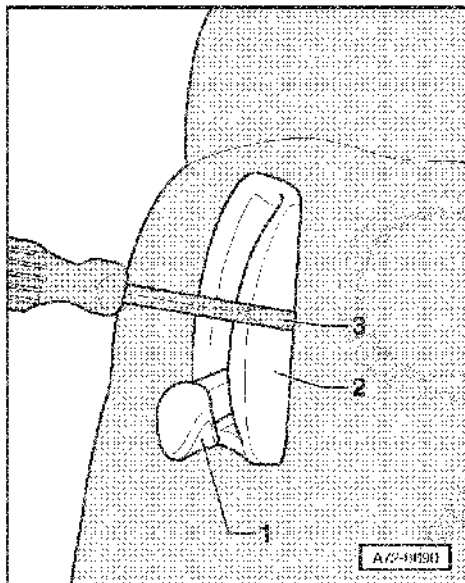
Removing backrest adjuster wheel



- ◀ – Turn the backrest adjuster wheel-1- until you can see a catch of the backrest adjuster wheel in direction of arrow -A- (possibly with a torch).
- Hook up the special tool 3399 -2- and lever in direction of arrow -B-.
- Turn the backrest adjuster wheel further by 120°.
- Hook up the special tool 3399 -2- and lever in direction of arrow -B-.
- Remove the backrest adjuster wheel.

72-27

Removing release handle with cover plate



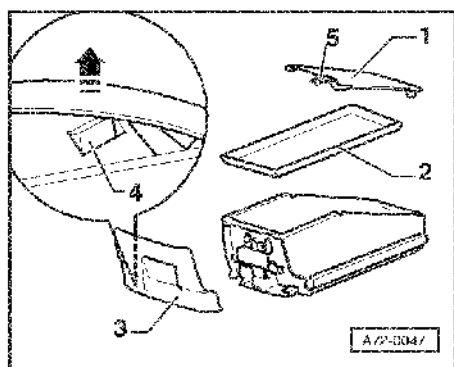
Note:

◀ *The release handle cannot be removed without being damaged.*

- Detach the release catch -1- with force.
- Pull cover away from cover plate.
- With a screwdriver -3- press the cover plate -2- at the backrest frame from both sides backwards.

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72-28

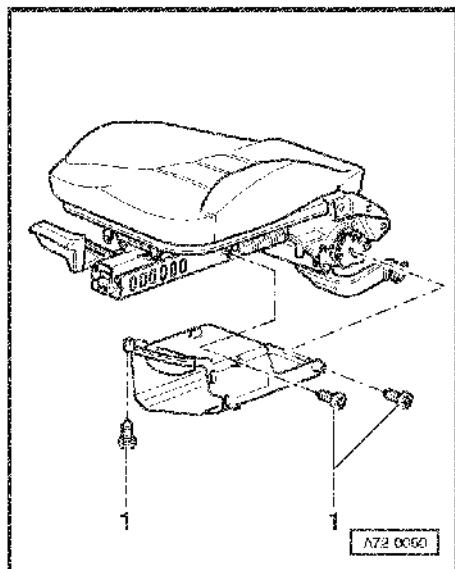


Dismantling drawer

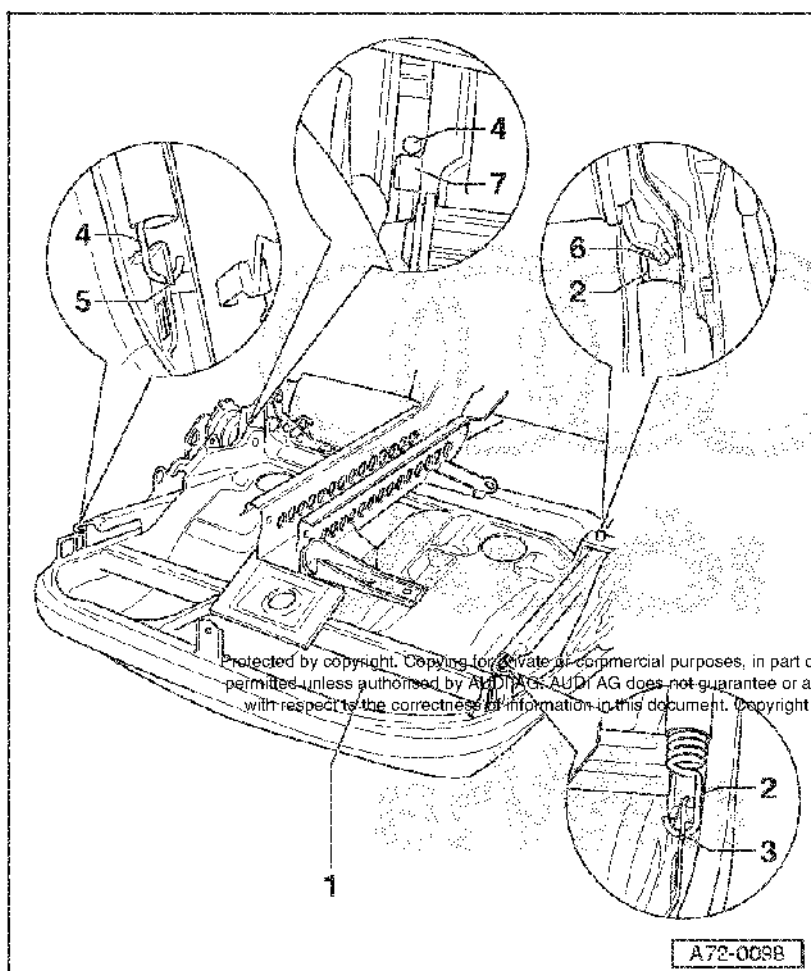
- ◀ – Press locking tab -5- at cover and remove drawer.
- Unclip drawer lid -1- towards top.
- Use screwdriver to lever out drawer cap -3- from below at the locking tabs -4- (magnified view shows drawer cap from below).
- Tray -2-.

Removing drawer frame

- ◀ – Remove seat => Page 72-11
- Remove side panel of seat => Page 72-20
- Unscrew bolts-1- (3x).



72-29



Removing and installing seat height adjuster unit

◆ Removing

- Before removing, run seat to top position.
- Remove seat => Page 72-11

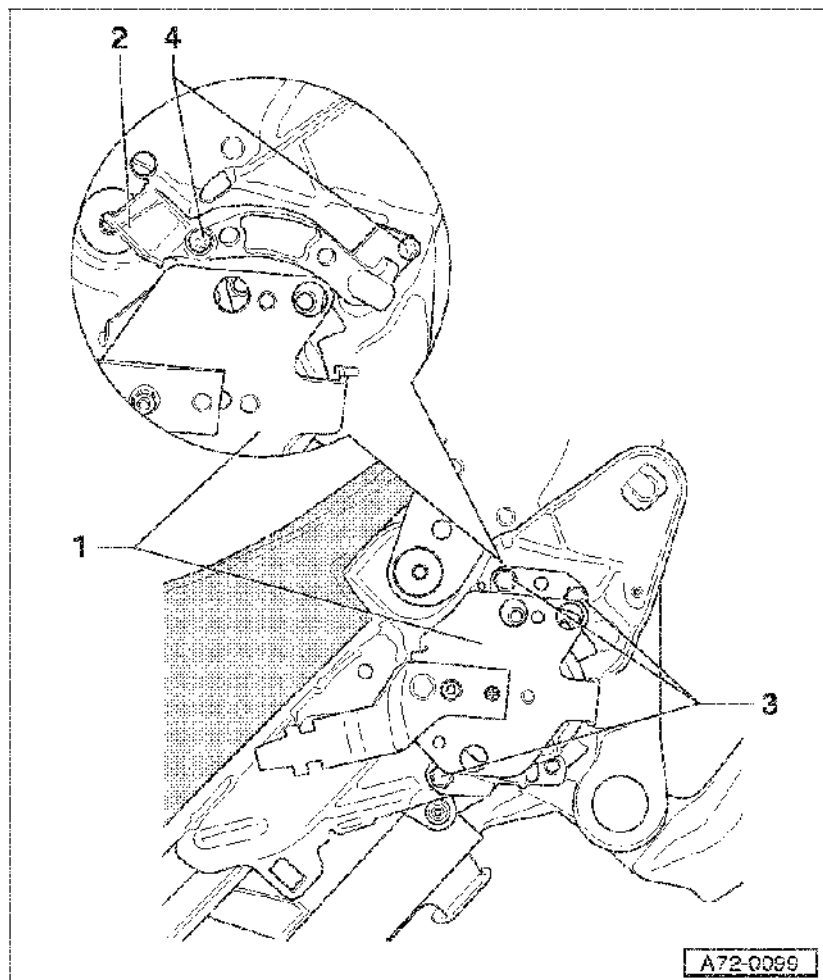
Note:

For greater clarity, the seat is shown from below.

- Remove outer side panel of seat => Page 72-20
- Remove outer fitting panels => Page 72-20
- Detach spring -2- (inboard side) from retaining hook -3-.
- Disengage spring -4- (outboard side) from retaining hook -5-.

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72-30



- Remove bolts -4- (2x).
- Remove bracket -2-.
- Unscrew bolts -3- (3x).
- Remove seat height adjuster unit -1-.

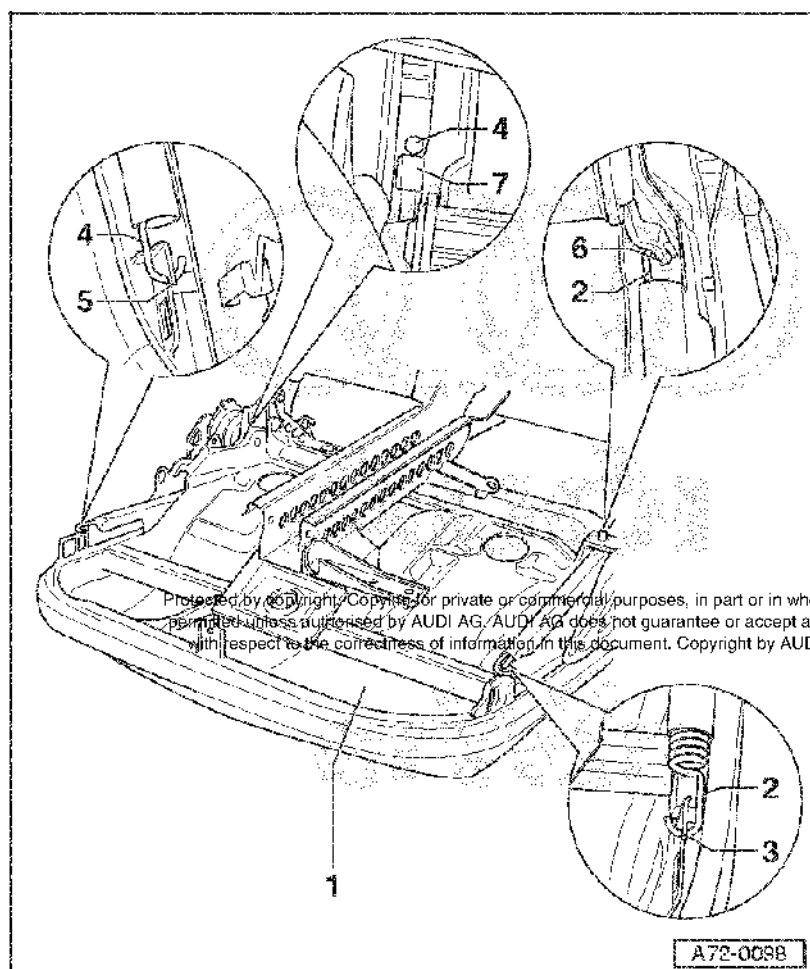
1 – Seat height adjuster unit

2 – Bracket

3 – Bolts (3x)

4 – Bolts (2x)

72-31



♦ Installing

- Install seat height adjuster unit.
- Springs -2- and -4- may have become disengaged from retaining hooks -6- and -7-.

Important

Injury risk: springs are under strong tension.

- Engage springs -2- and -4-.

1 – Seat pan

2 – Spring

3 – Retaining hooks

4 – Spring

5 – Retaining hooks

6 – Retaining hooks

7 – Retaining hooks

72-32

Servicing longitudinal seat adjustment mechanism

– Remove seat => Page 72-11

Note:

For greater clarity, the seat is shown from below. Sliding unit is not available as a spare part. Belongs to ZSB-seat pan.

1 – Spring

– Detach (3x).

2 – Seat pan

3 – Clip

4 – Rivets

– Drill out (2x).

5 – Rear bush

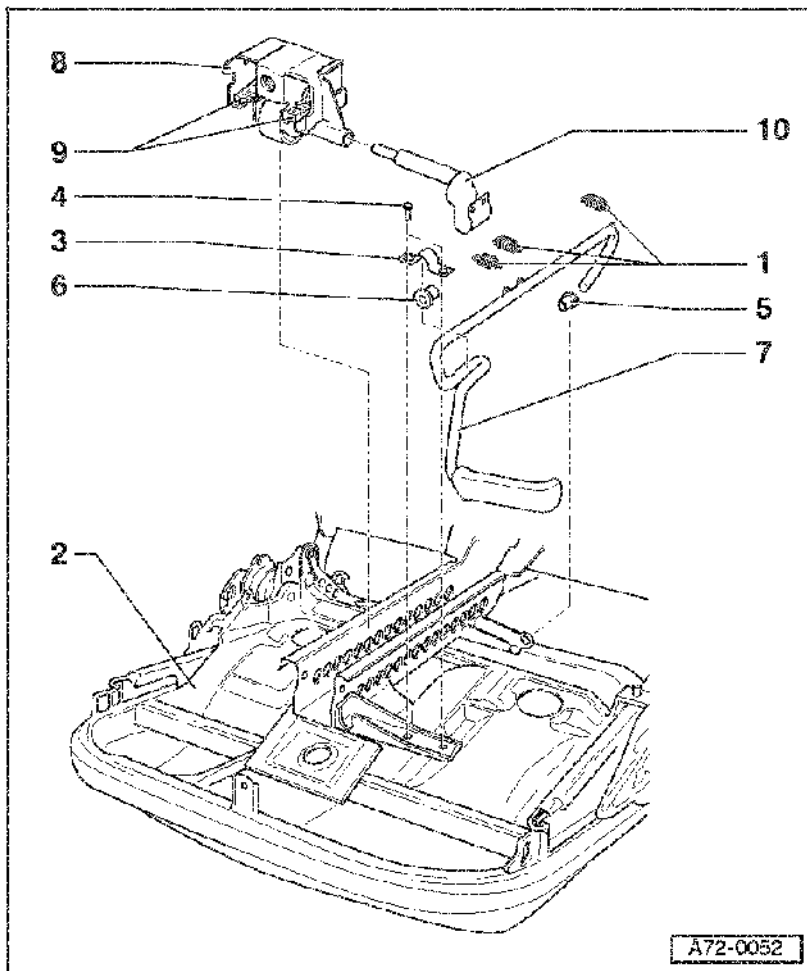
6 – Front bush

7 – Longitudinal adjustment mechanism

8 – Slider block

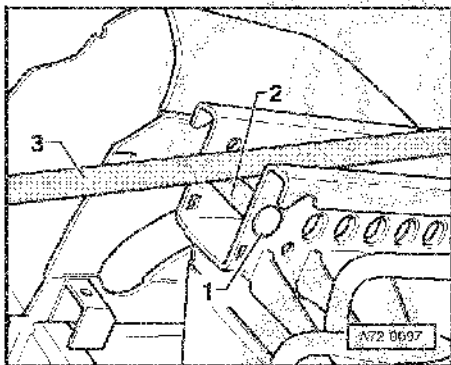
♦ Cut through rivet to remove
=> Fig. 4

9 – Front slides



72-33

Fig.4 Cutting through rivet to remove slider block

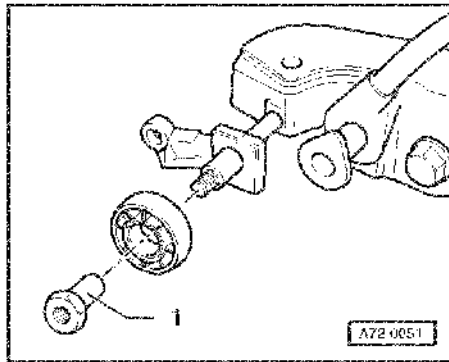


- Operate release lever for longitudinal seat adjustment and push slider block to the rear.
- Using a metal saw -3- cut through sleeve -2- and rivet -1-.
- Remove all metal particles from seat pan.
- The rivet -1- is replaced by the service department with a bolt, a nut and a new sleeve -2-.
- Tightening torque 15 Nm

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72-34

Removing rear slides



- Unscrew nut -1-.
- Tightening torque 17 Nm
- Bevels of guide rollers must face away from seat.

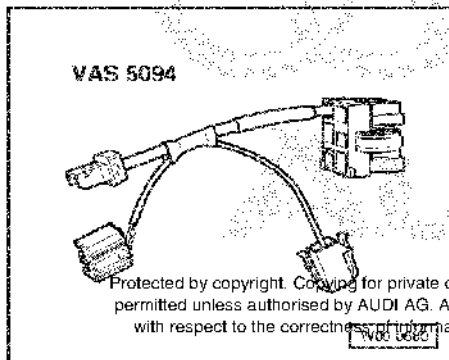
72-35

Front seats (5-door vehicles)

Tools

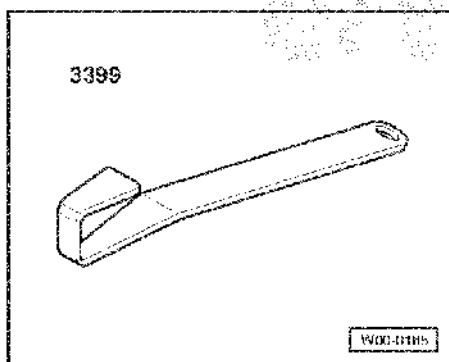
Special tools, workshop equipment, test equipment and auxiliary items required

Airbag adapter VAS 5094

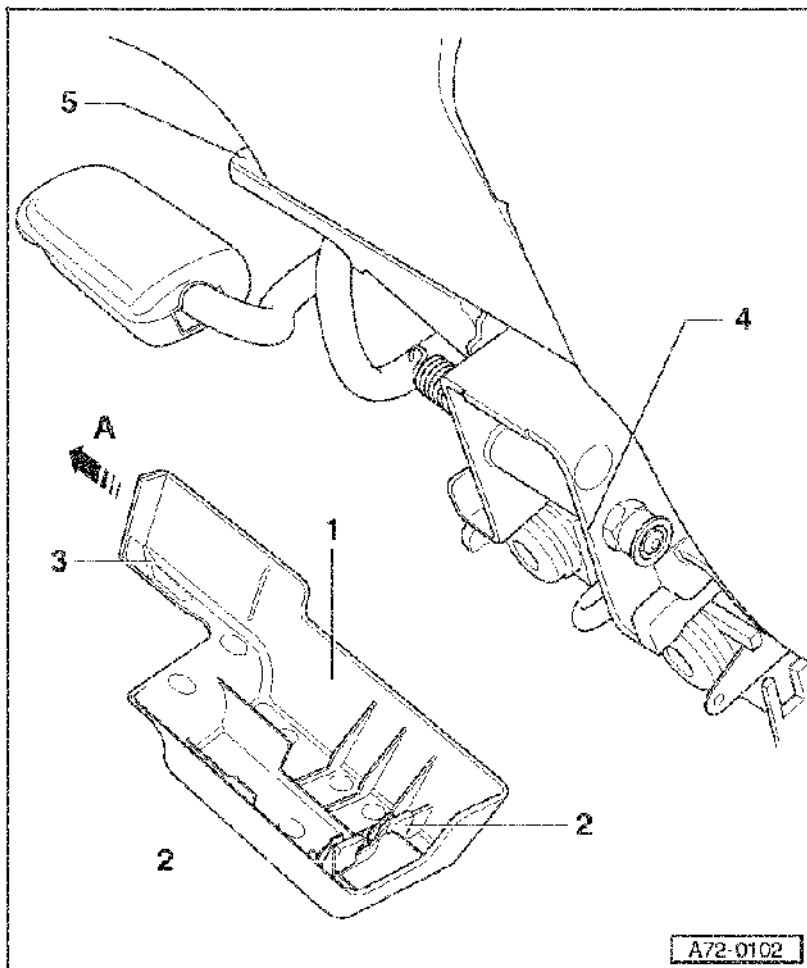


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Special tool 3399



72-36



Removing and installing front seat cover

1 – Front cover

◆ Removing

- Remove front covers -1- in the area of the retaining clips -2- towards the front.
- Pull out front trim -1- in direction of arrow -A-.
- Remove front cover -1-.

◆ Installing

- Engage retaining tab -3- on front trim -1- in bar -5-.
- Press on front trim cap -1- so that retaining clips -2- engage on seat -4-.

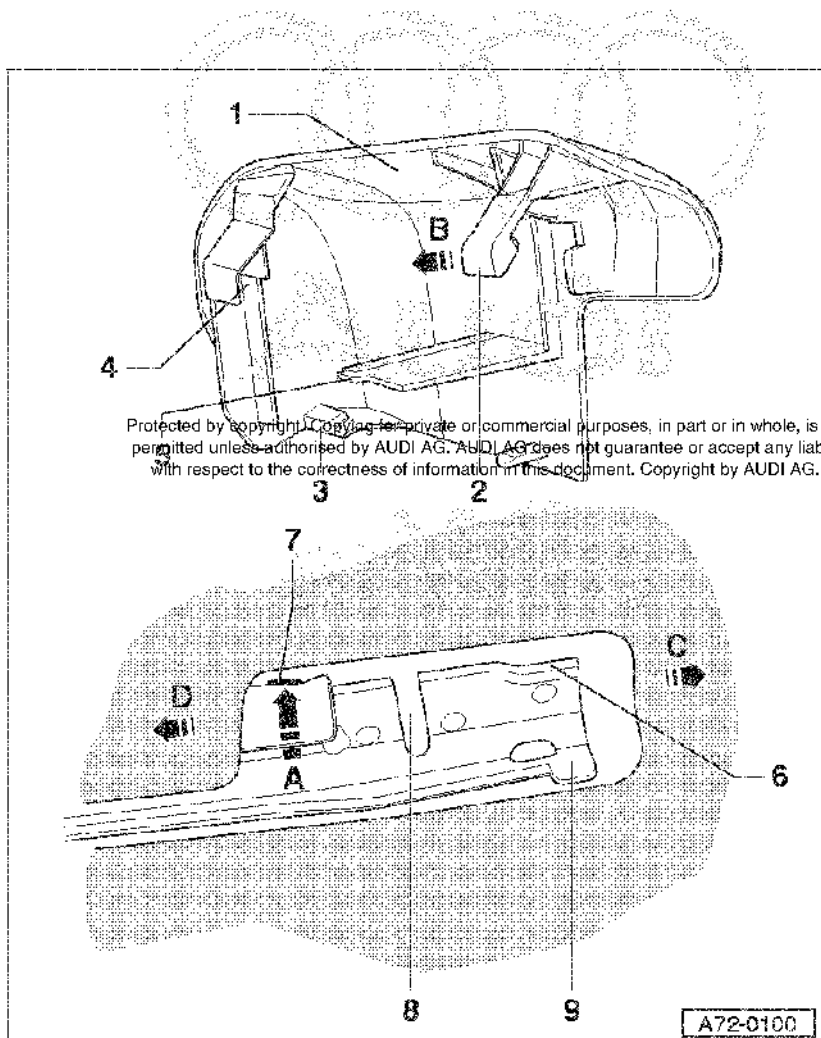
2 – Retaining clips (2x)

3 – Retainer tab

4 – Seat

5 – Bracket

72-37



Removing and installing rear cover on front seat rail (inboard side)

1 – Cover (inboard side)

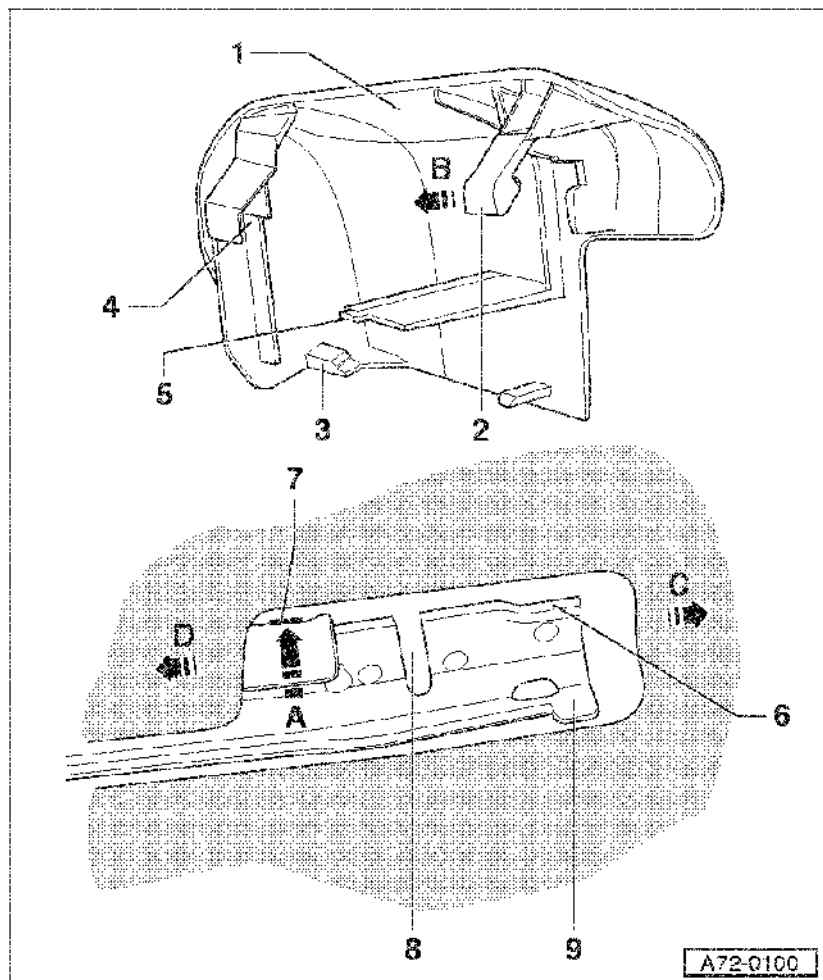
◆ Removing

- Push one finger underneath cover inboard side -1- (direction of arrow -A-) and press the retainer tab -2- in direction of arrow -B-.
- At the same time pull front cover inboard side -1- in direction of arrow -C-.

◆ Installing

- Enter the cover inboard side -1- press onto carpet and at the same in direction of arrow -D-.
- Enter guides -4- into guide rail -6-.

72-38



- The lugs -3- and -5- must engage in the metal tab -9- and the mount -8-.
- Press in cover inboard side -1- until the locking lug -2- engages in cut-out.

2 - Retainer tab

3 - Retainer tab

4 - Guide

5 - Retainer tab

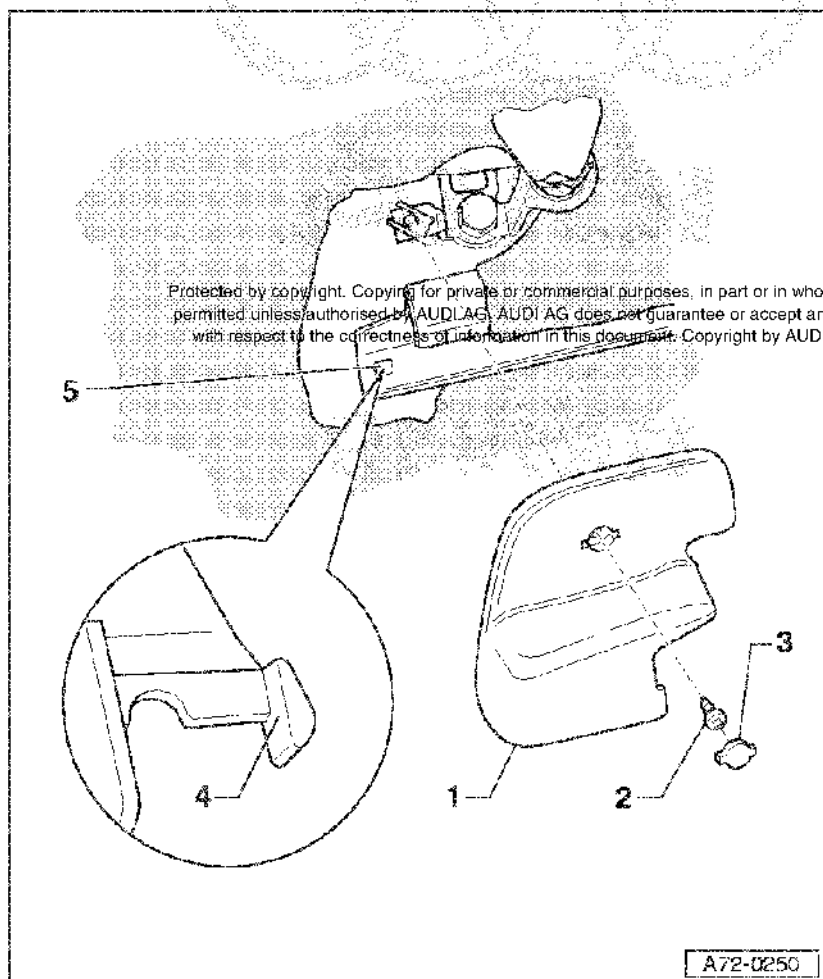
6 - Mounting

7 - Cut-out

8 - Mounting

9 - Metal tab

72-39



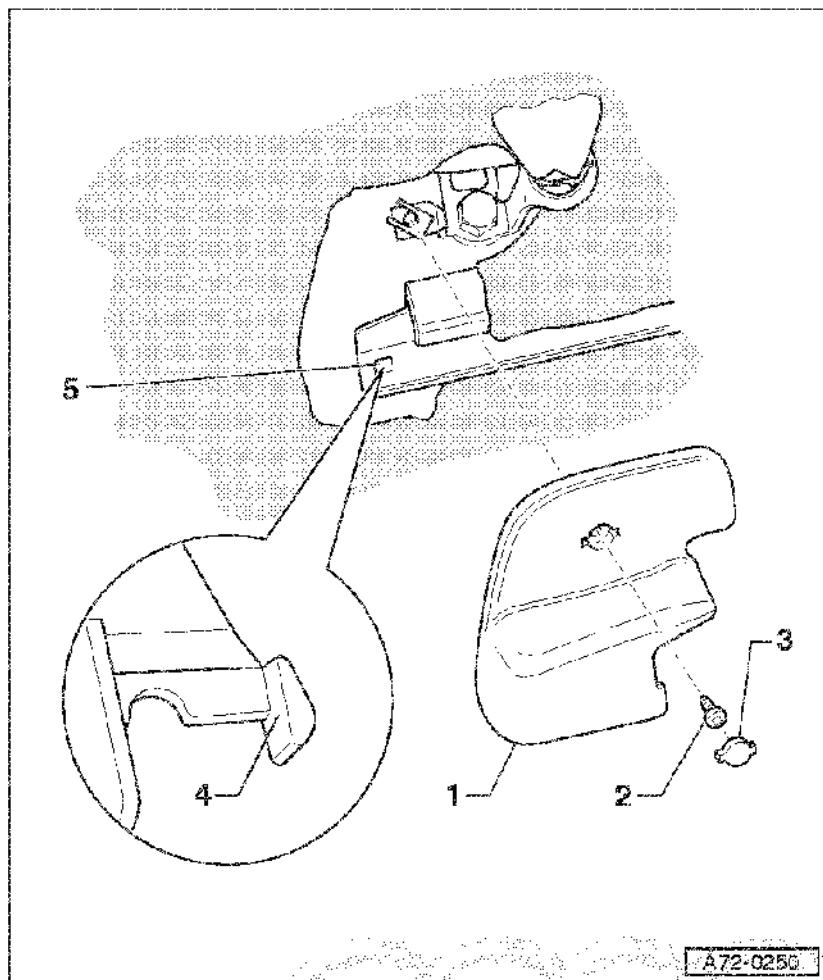
Removing and installing rear cover on front seat rail (outboard side)

1 - Cover (outboard side)

◆ Removing

- Lever out cover cap -3- with a screwdriver.
- Unscrew bolt -2-.
- Pull outboard side cover -1- towards the top with the retainer tab -4- from the mounting -5-.

72-40



◆ Installing

- Engage locking lug -4- into mounting -5-.
- Screw in bolt -2-.
- Clip in cover cap.

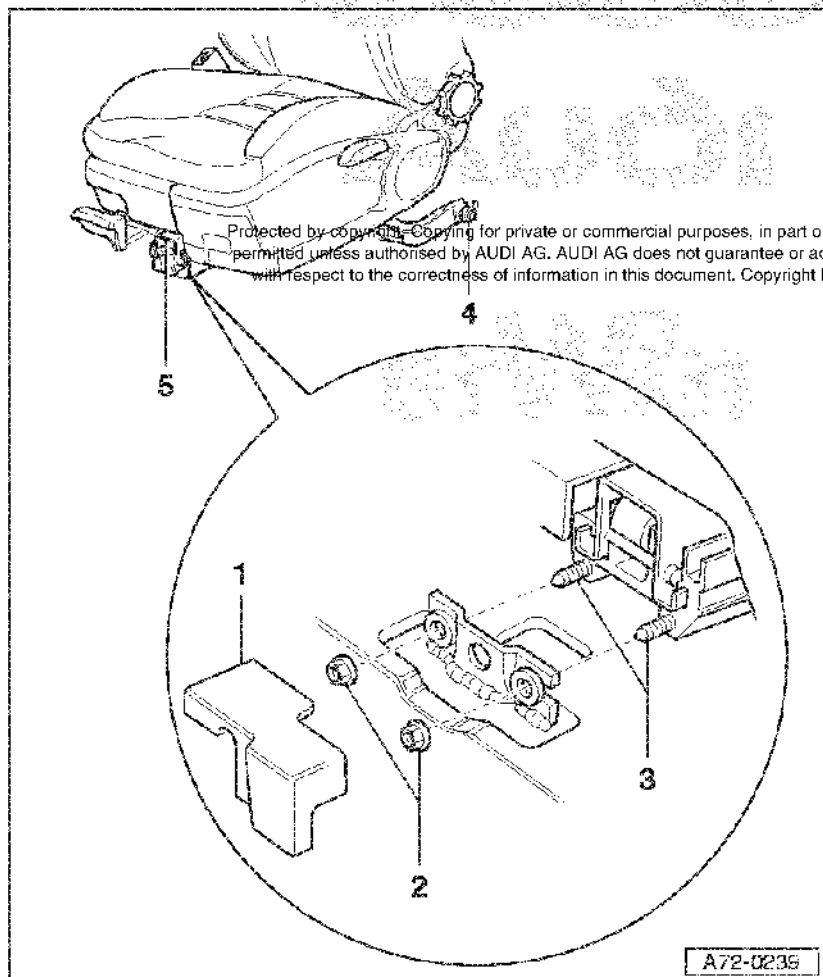
2 – Bolt (1x)

3 – Trim cap

4 – Retainer tab

5 – Mounting

72-41



Removing and installing seat

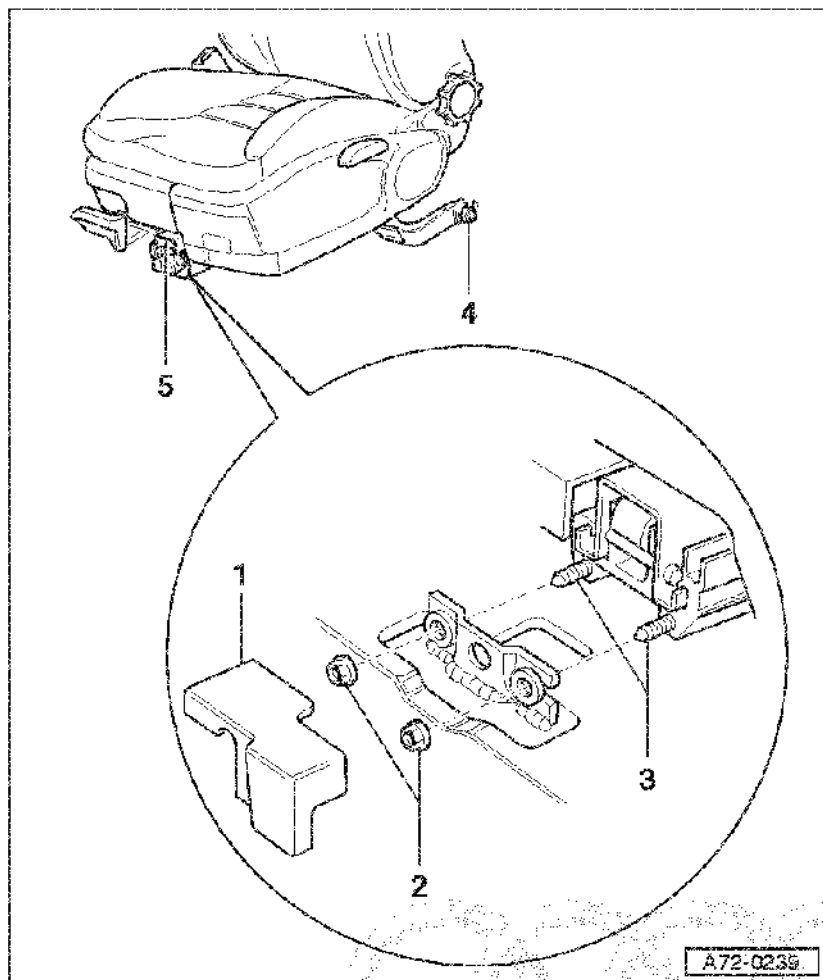
Notes:

- ◆ The removal and installation procedures may have to be modified slightly depending on equipment versions.
- ◆ On vehicles with memory seat and electric seat, run the seat all the way to the rear and to the top height setting before disconnecting battery.
- ◆ Obtain radio code before disconnecting battery.

Important

- ◆ Observe safety precautions for working on airbag =>
- ◆ Observe seat installation instructions for vehicles with side airbag Page 72-44

72-42



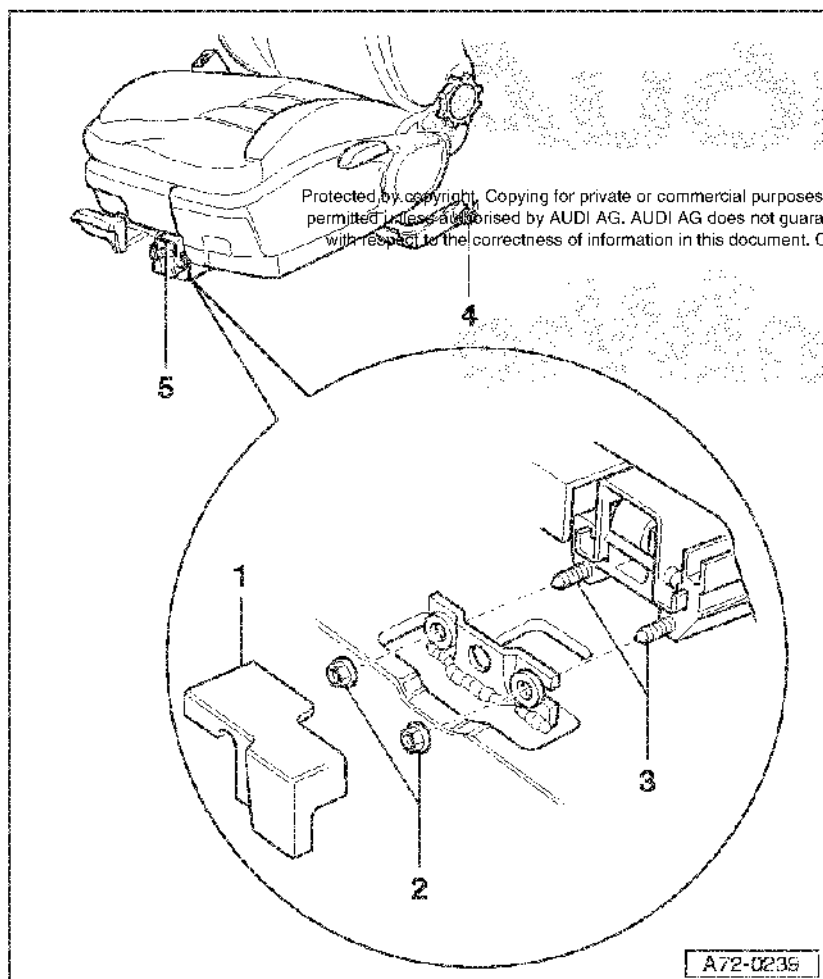
Important

Before removal of seat: Detach battery earth strap.

Removing

- Push seat forwards.
- Removing front seat rail rear cover (outboard side) => Page 72-40
- Removing front seat rail cover behind inboard side => Page 72-38
- Push back seat.
- Remove cap -1- => Page 72-37
- Unscrew nuts -2- (2x) and remove seat by pushing backwards.
- On vehicles with heated seat, unplug connector.

72-43



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- Connect airbag adapter VAS 5094 => Page 72-48
- Cover floor covering at rear around guide rail.
- Push seat backwards out of guide.

Installing

Installation is carried out in the reverse order; note the following:

Vehicles with side airbag:

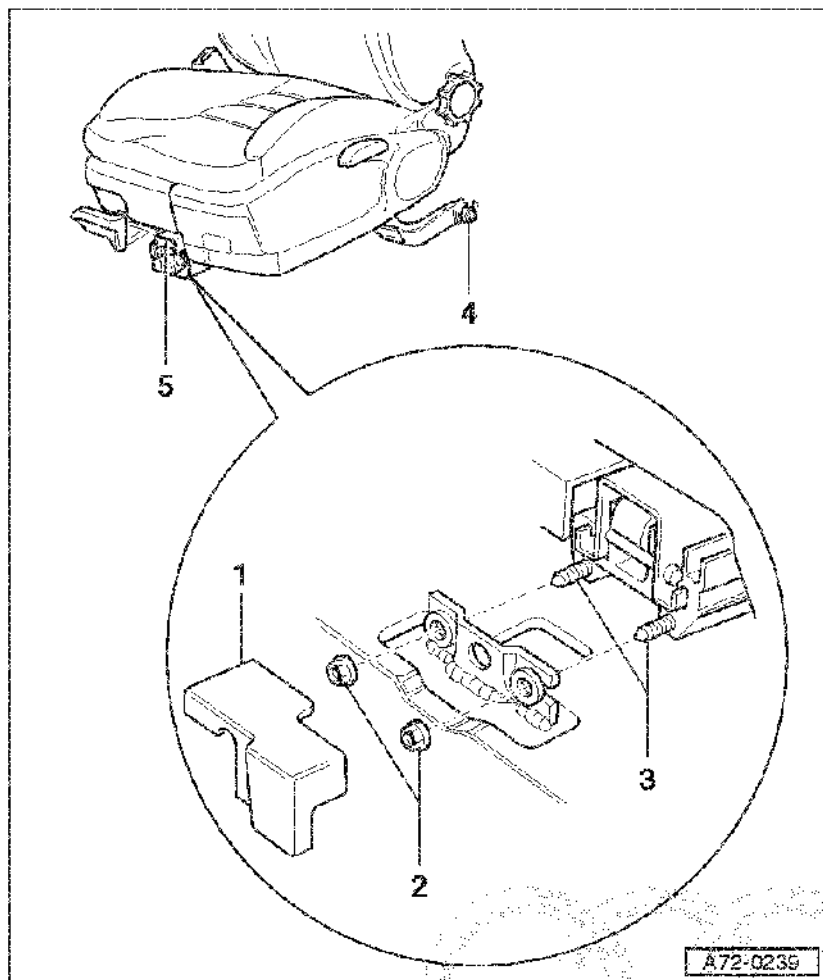
- Switch ignition on.

Important

There must be no-one in the vehicle when the battery is being connected.

- Connect battery earthing strap.

72-44



1 – Trim cap

2 – Nut (2x)

– Tightening torque 23 Nm

◆ Self-locking

◆ Replace

3 – Threaded pin

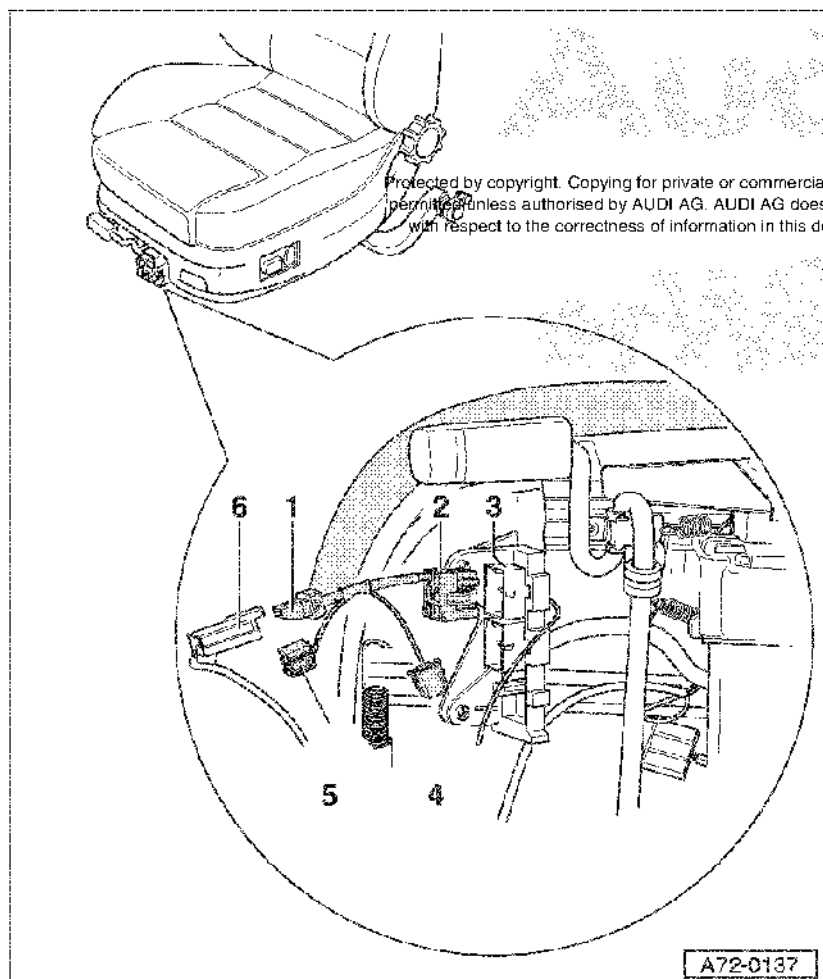
4 – Rear rollers

5 – Front slides

– Lubricate front slides -5- with multi purpose grease if seat does not slide back and forward smoothly.

A72-0239

72-45



Connecting airbag adapter VAS 5094

Note:

The mechanic must electrostatically discharge him/herself before disconnecting ignition and earth wires (briefly touch closing wedge for door or body).

– Disconnect igniter and earth wiring from side airbag

= > Fig. 1

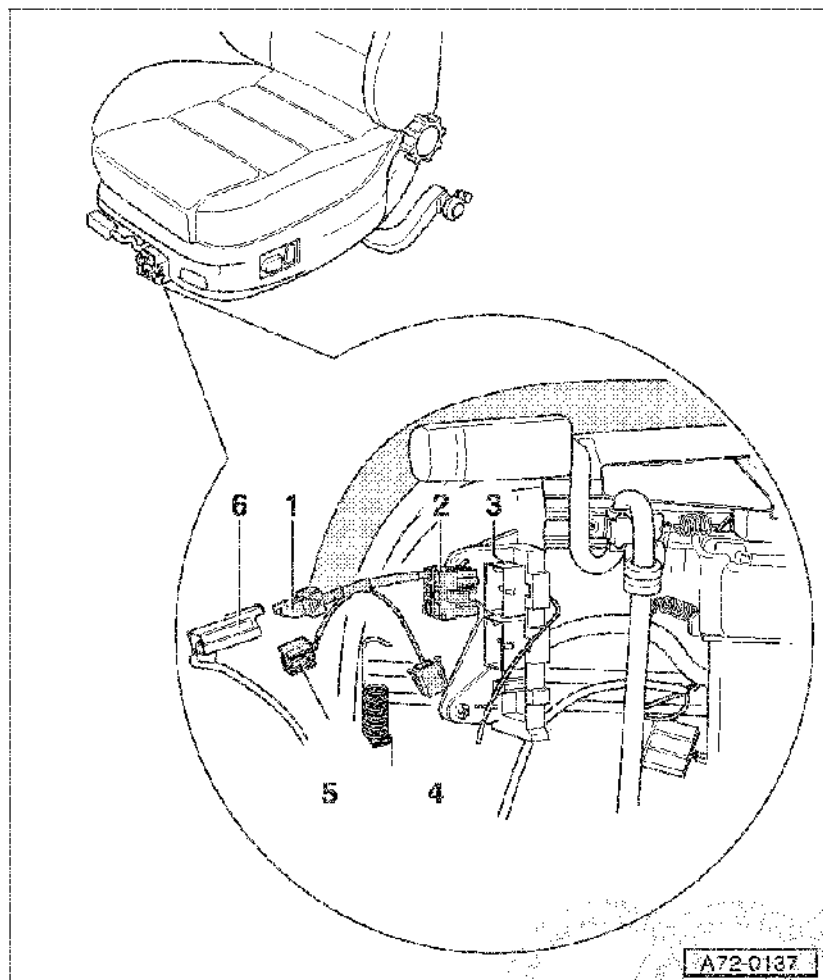
– Connect ignition wire for airbag module to connector -5- (airbag adapter).

Important

The airbag adapter VAS

A72-0137

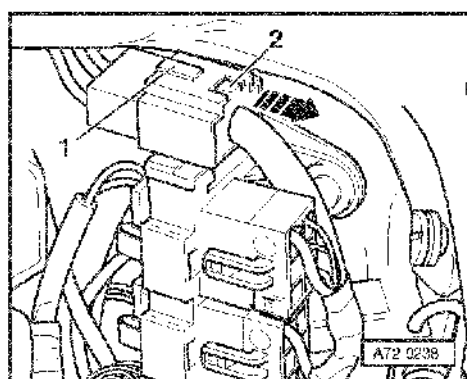
72-46



- 1 – Airbag adapter igniter wire connector
- 2 – Earth wire for airbag adapter connector, Audi A6 1998 >, Audi A4 1995 > and Audi A3 1997 >
- 3 – Earth wire connector from airbag module.
- 4 – Airbag adapter – Plug earth wiring (Golf 1991 >)
- 5 – Earth wire for airbag adapter connector, Audi A6 1999 >, Audi A4 1999 >, Audi A3 1999 > and Audi TT 1999 >
- 6 – Igniter wire connector from airbag module

72-47

Fig.1 Unplugging connector for side airbag



- ◀ – Press locking tab -2- and remove connector in direction of arrow.

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72-48

Removing and installing front seat backrest

1 – Front seat backrest

◆ Removing

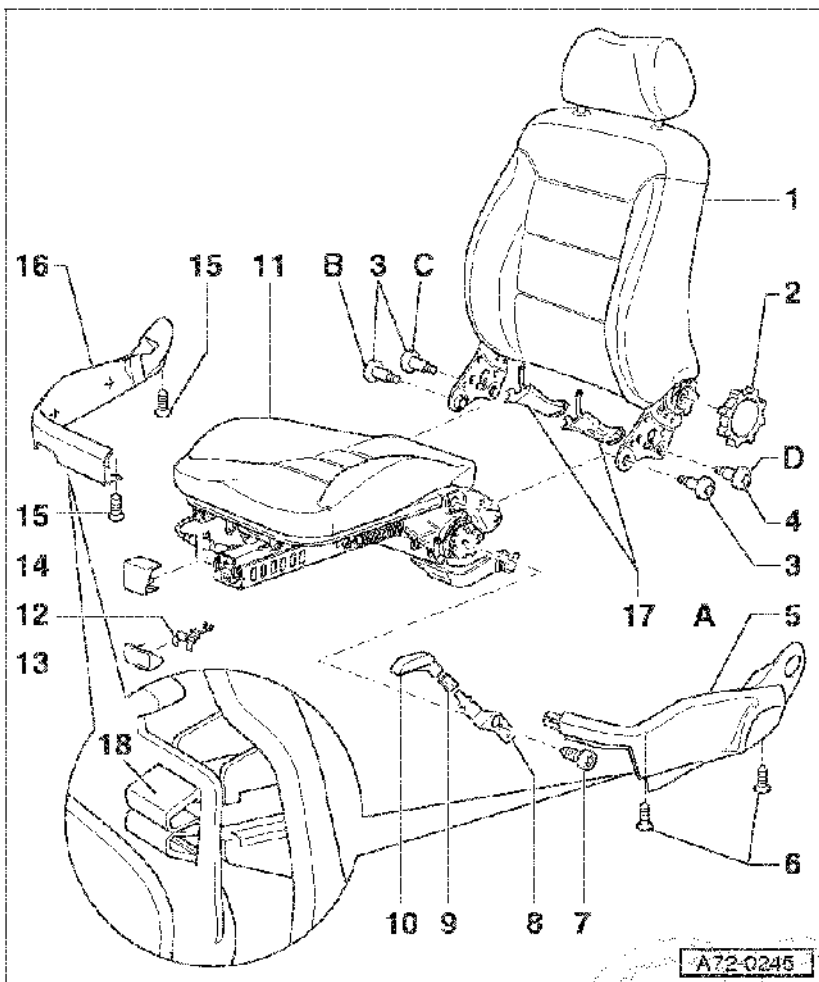
Important

Observe relevant safety precautions for vehicles fitted with side airbags =>

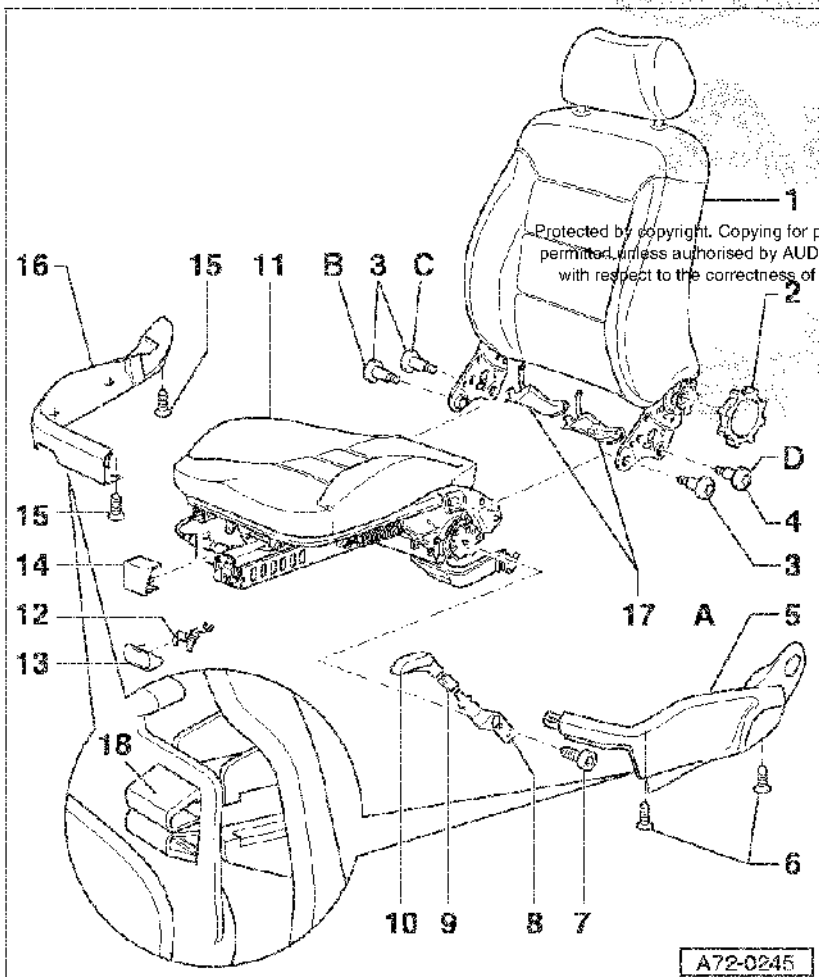
- Remove seat => Page 72-42
- Remove drawers => Page 72-29
- Removing seat height adjustment lever -10- => Page 72-25

Note:

If clamp -9- remains on lever when adjuster grip is removed, detach clip in order to avoid scratching side panel of seat.

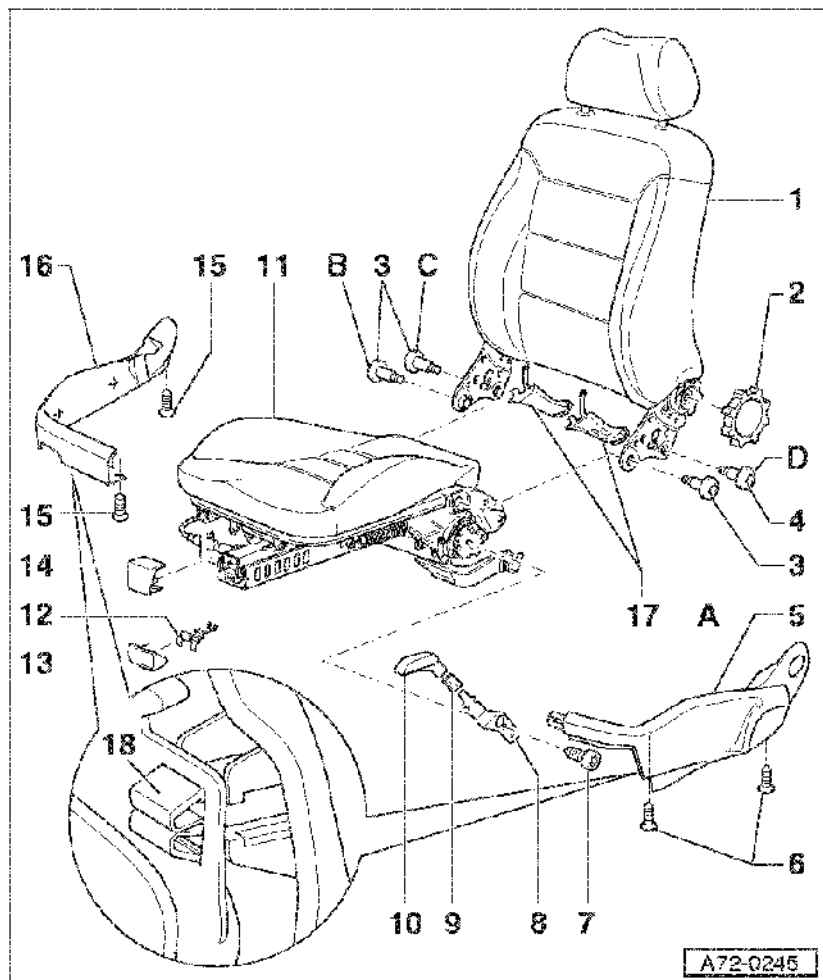


72-49



- Remove backrest adjuster wheel -2- => Page 72-27
- Remove bolts -6- (2x).
- Remove bolts -15- (2x).
- Suspend seat side panels -5- and -16- at rear bolting point and on upper side.
- Push seat side panels -5- and -16- backwards against upholstery, detaching clip -18- on both sides.
- Pull seat side panels -5- and -16- towards front.
- Disconnect backrest heating.
- On seats with side airbag, unplug connector for side airbag with earth cable from connector console => Page 69-99

72-50



- Remove inner fitting panels
=> Page 72-54
- Unscrew bolts -3- (3x).
- Unscrew bolt -4- (1x)

◆ Installing

Note:

Observe installation sequence for bolts -3- and -4-.

Always replace bolts -3- and -4-; re-cut threads before installing new bolts.

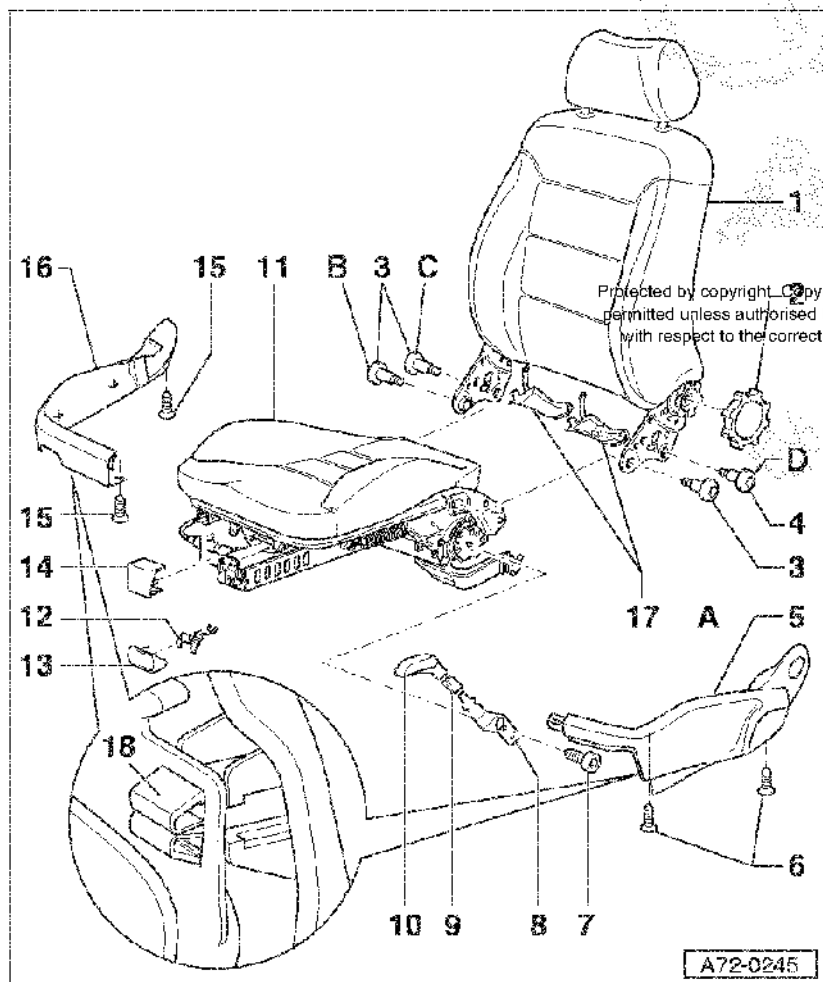
Observe installation direction of clamp

-9- when installing => Page 72-26

- Remove bolts -3- and -4- in sequence -A-, -B-, -C-, and -D-

- Always insert bolt -4- (chrome-plated) in this position.

72-51



- Remainder of installation is carried out in reverse order of removal.

2 – Adjuster knob

3 – Bolts (3x)

- Tightening torque 20 Nm

4 – Bolt (1x)

- Tightening torque 20 Nm

5 – Outer seat side panel

6 – Bolts (2x)

- Tightening torque 1.5 Nm

7 – Bolt (1x)

- Tightening torque 5 Nm

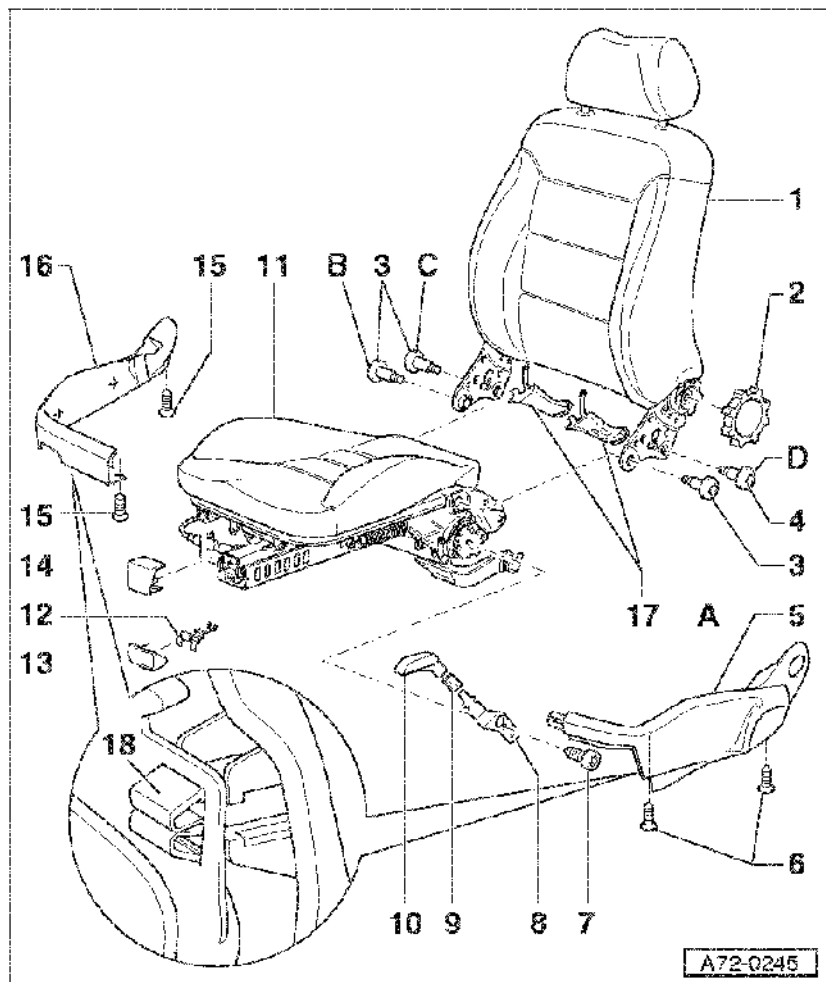
8 – Height adjustment lever

- ◆ Seat side panel removed
- Unscrew bolt -7-.

9 – Clamp

10 – Adjuster grip handle

72-52



11 – Front seat

12 – Lever

◆ Lever -12- and adjuster grip -13- are one replacement part.

13 – Adjuster grip handle

14 – Bowden cable cover

◆ Remove Bowden cable cover
=> Page 72-58

15 – Bolts (2x)

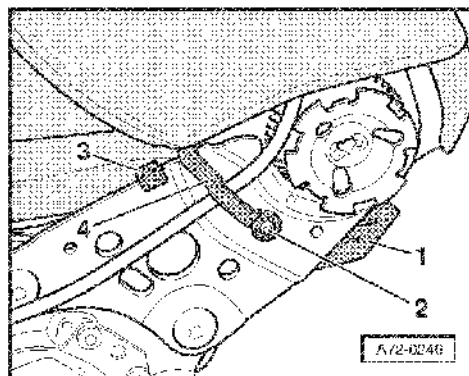
– Tightening torque 1.5 Nm

16 – Inboard side seat side panel

17 – Inner fitting panels

18 – Clips

72-53



Removing inner fitting panels

- Remove seat side panels => Page 72-49
- Unscrew bolt -2-.
- Tightening torque 1 Nm
- Fold tab -4- upwards.
- Release retainer tab -3-.
- Remove fitting panels -1- by drawing downwards.

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72-54

Removing and installing seat height adjuster unit

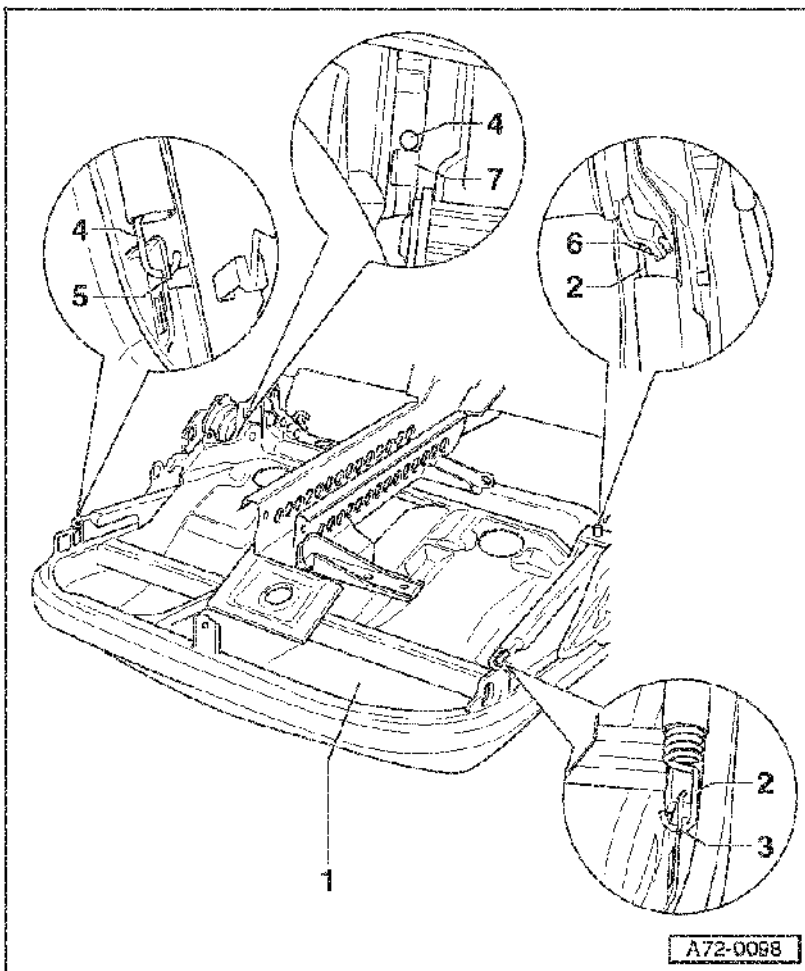
◆ Removing

- Before removing, run seat to top position.
- Remove seat => Page 72-42

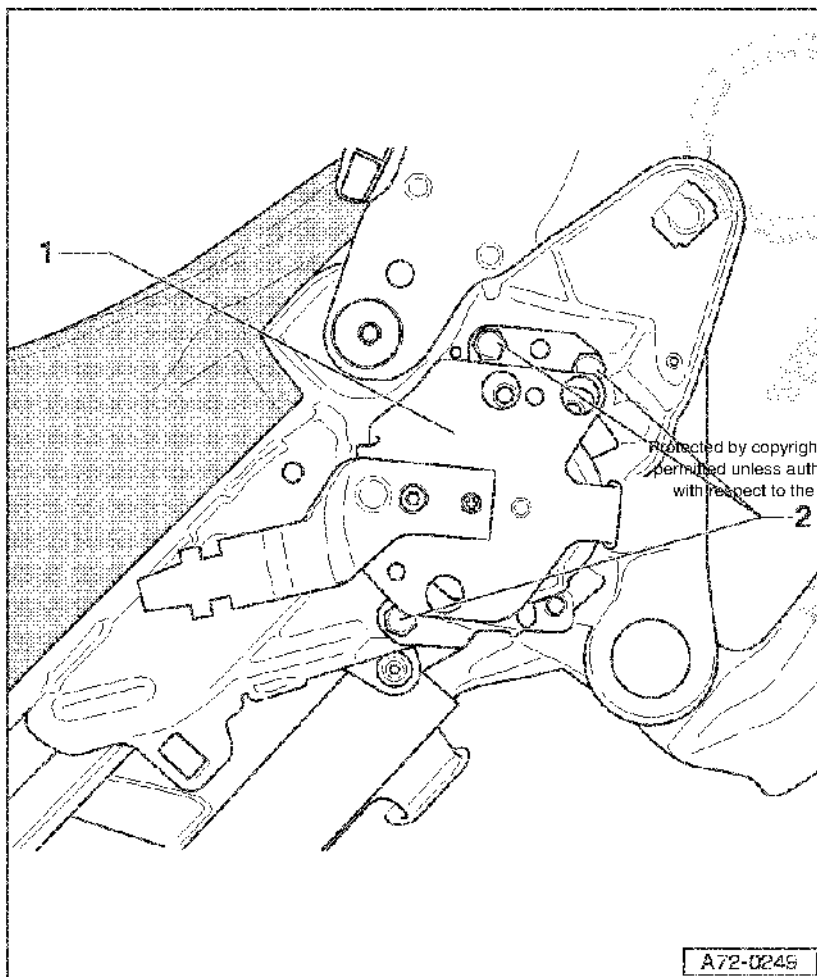
Note:

For greater clarity, the seat is shown from below.

- Remove outer side panel of seat => Page 72-49
- Detach spring -2- (inboard side) from retaining hook -3-.
- Disengage spring -4- (outboard side) from retaining hook -5-.



72-55



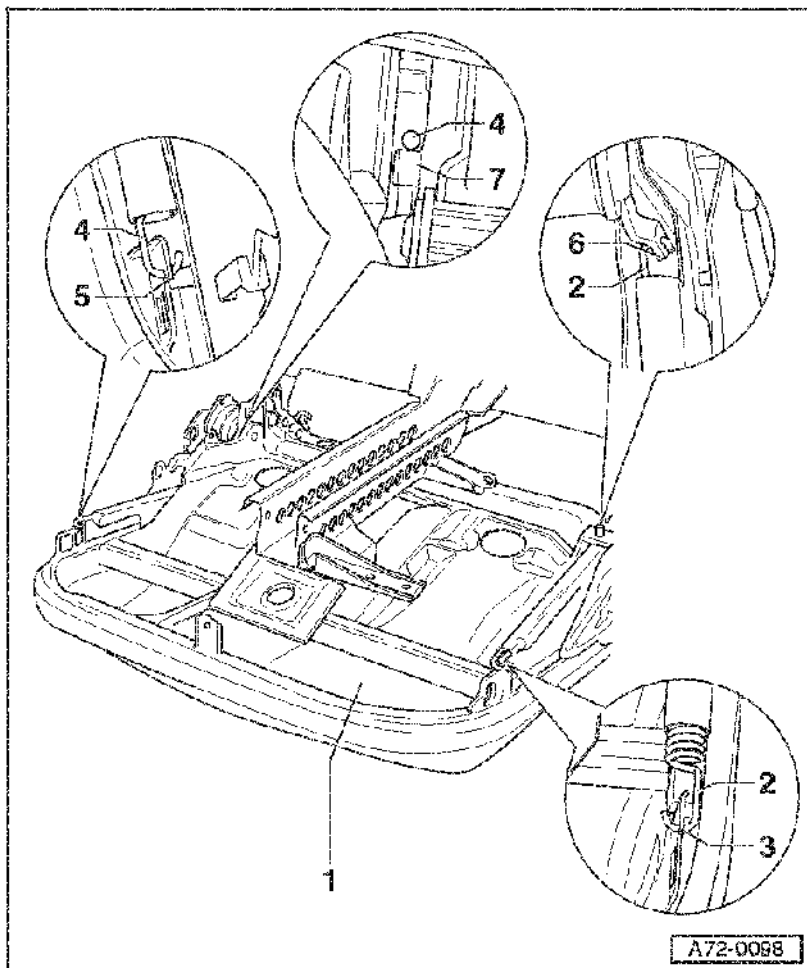
- Unscrew bolts -2- (3x).
- Remove seat height adjuster unit -1-

1 – Seat height adjuster unit

2 – Bolts (3x)

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72-56



◆ Installing

- Install seat height adjuster unit.
- Springs -2- and -4- may have become disengaged from retaining hooks -6- and -7-.

Important

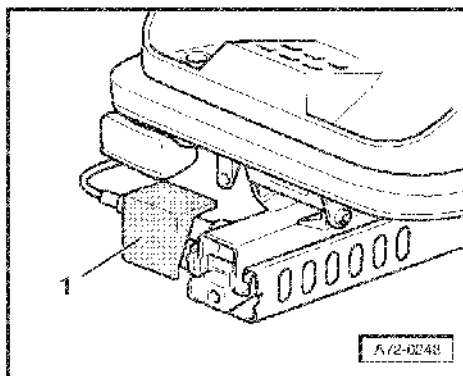
Injury risk: springs are under strong tension.

- Engage springs -2- and -4-.

- 1 – Seat pan
- 2 – Spring
- 3 – Retaining hooks
- 4 – Spring
- 5 – Retaining hooks
- 6 – Retaining hooks
- 7 – Retaining hooks

72-57

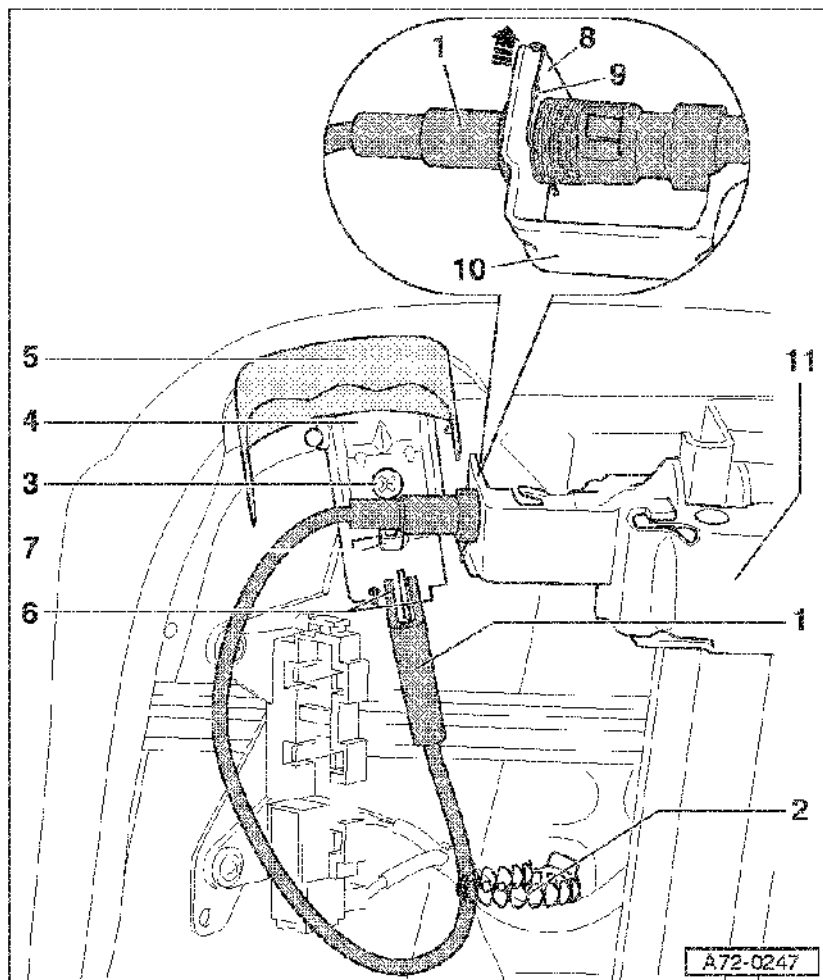
Removing Bowden cable cover



- Grip underside of Bowden cable cover -1- and pull downwards and forwards.

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72-58



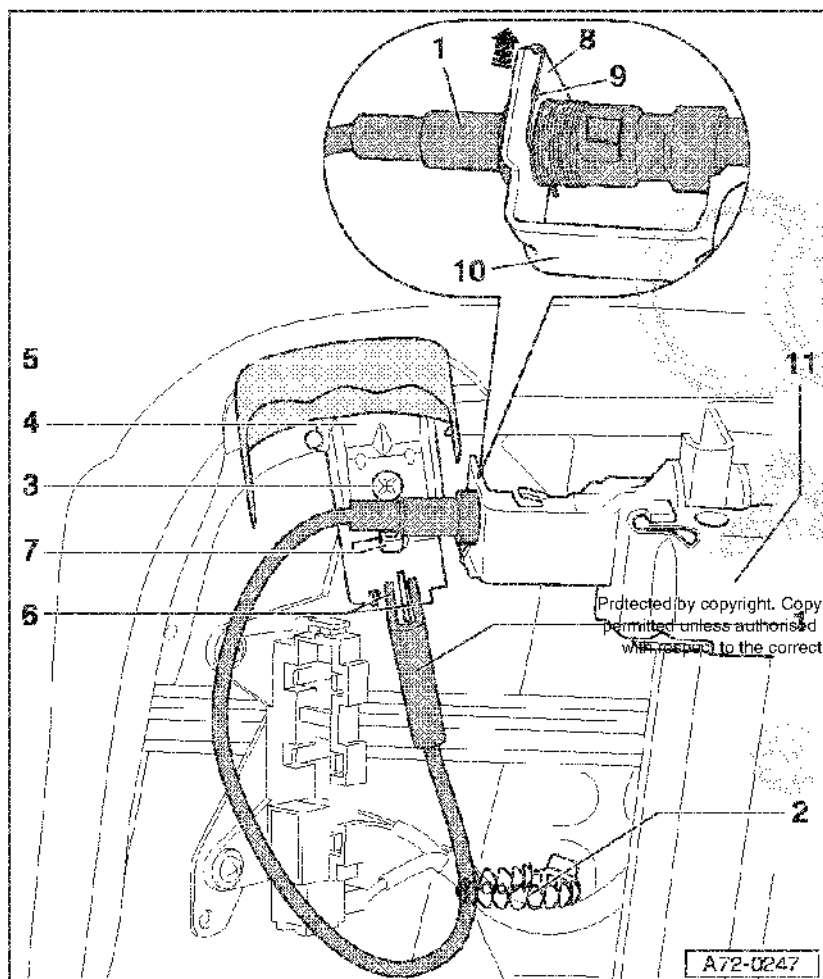
Removing and installing longitudinal seat adjustment Bowden cable

1 – Bowden cable

◆ Removing

- Remove seat => Page 72-42
- Remove bolt -3- (1x).
- Detach lever -4- and adjuster grip -5-.
- Open cable ties -2-.
- Push lugs -9- (4x) outwards and pull clamp -8- in direction of arrow.
- Remove Bowden cable -1- from bracket -10-.
- Push one of the retaining hooks -6- inwards from inside.

72-59



- Detach Bowden cable -1- at cut-out -7-.

◆ Installing

Note:

Observe setting of Bowden cable -1- to ensure that the seat is securely locked in position.

- Using clamp -8-, adjust Bowden cable -1- such that there is approx. 1 mm play at adjuster grip -5-.

2 – Cable tie

3 – Bolt

- Tightening torque 5 Nm

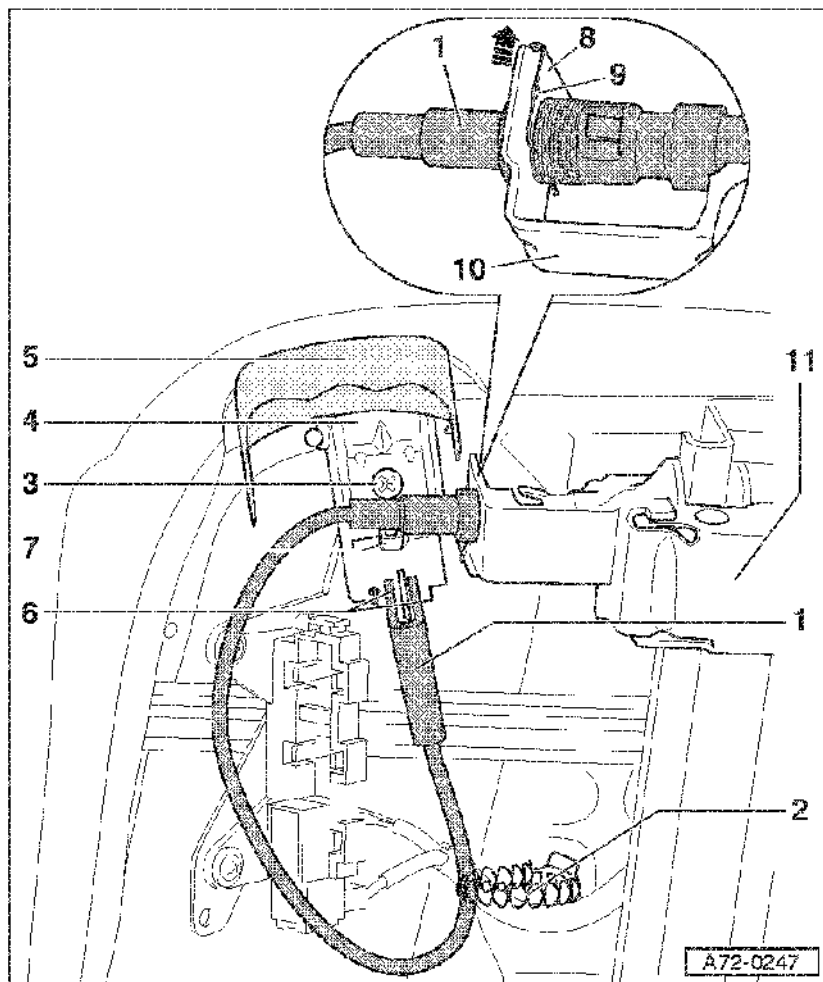
4 – Lever

◆ Lever -4- and adjuster grip -5-

are non-replacement part.

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72-60



5 – Adjuster grip handle

6 – Locking tab

7 – Cut-out

8 – Clamp

9 – Retainer tabs

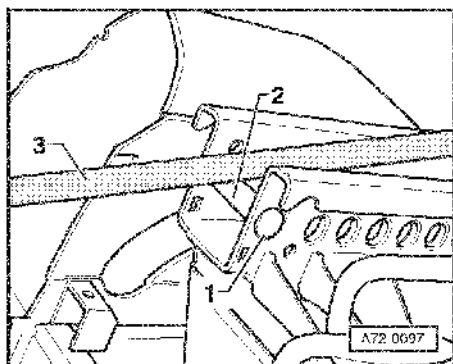
10 – Bracket

11 – Slider block

◆ Cut through rivet to remove
=> Fig. 2

72-61

Fig.2 Cutting through rivet to remove slider block



- Operate release lever for longitudinal seat adjustment and push slider block to the rear.
- Using a metal saw -3- cut through sleeve -2- and rivet -1-.
- Remove all metal particles from seat pan.
- The rivet -1- is replaced by the service department with a bolt, a nut and a new sleeve -2-.
- Tightening torque 15 Nm

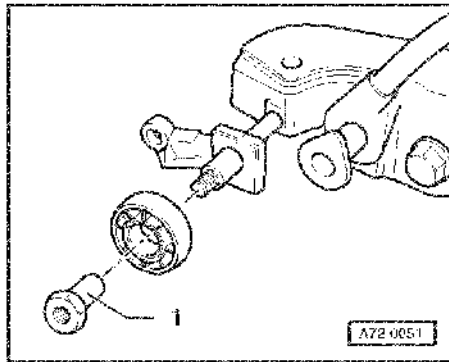
Audi

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Audi

72-62

Removing rear slides

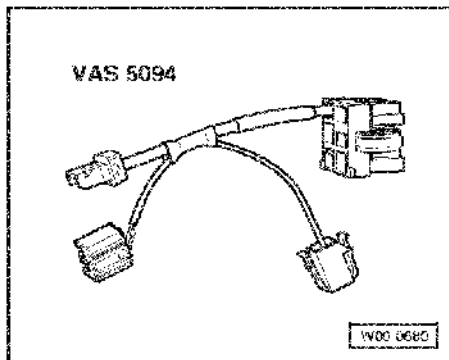


- Unscrew nut -1-.
- Tightening torque 17 Nm
- Bevels of guide rollers must face away from seat.

72-63

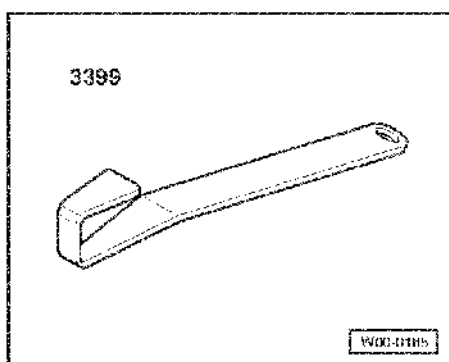
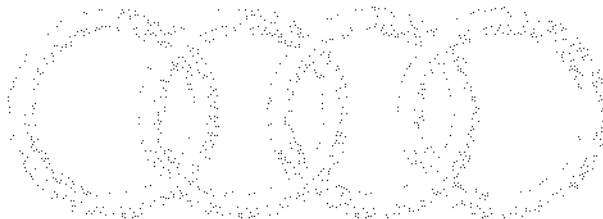
Front sports seat

Tools



- ◀ **Special tools, workshop equipment, test equipment and auxiliary items required**

Airbag adapter VAS 5094



- ◀ **Special tool 3399**

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72-64

Removing and installing front seat cover

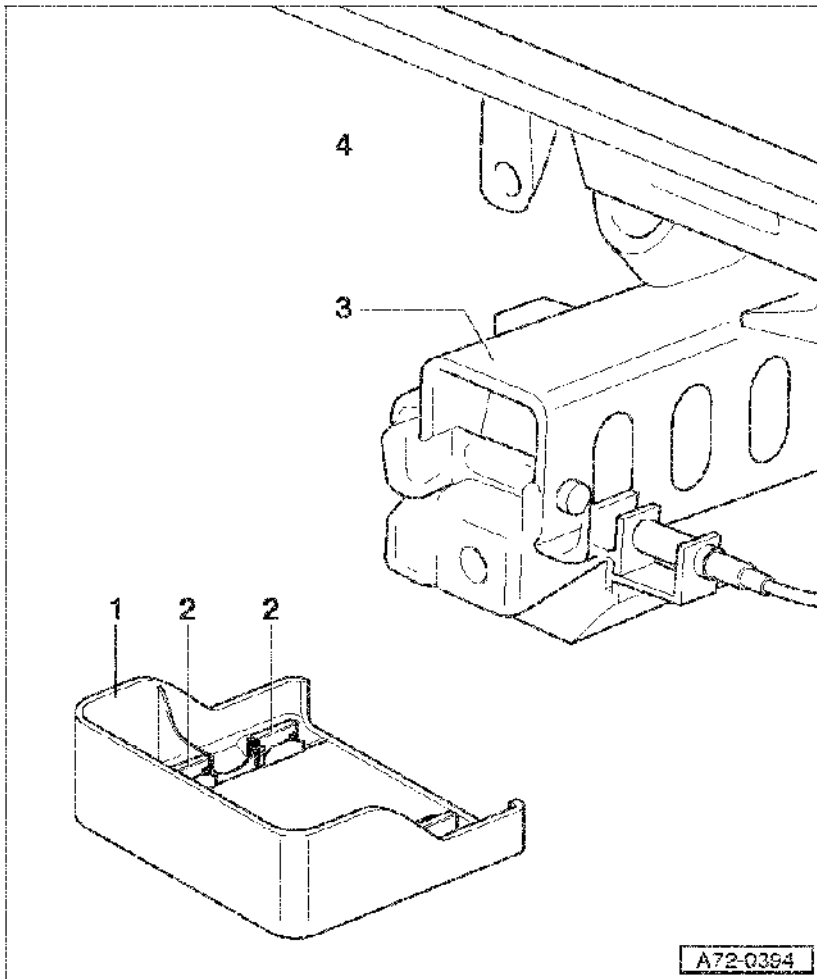
1 – Front cover

◆ Removing

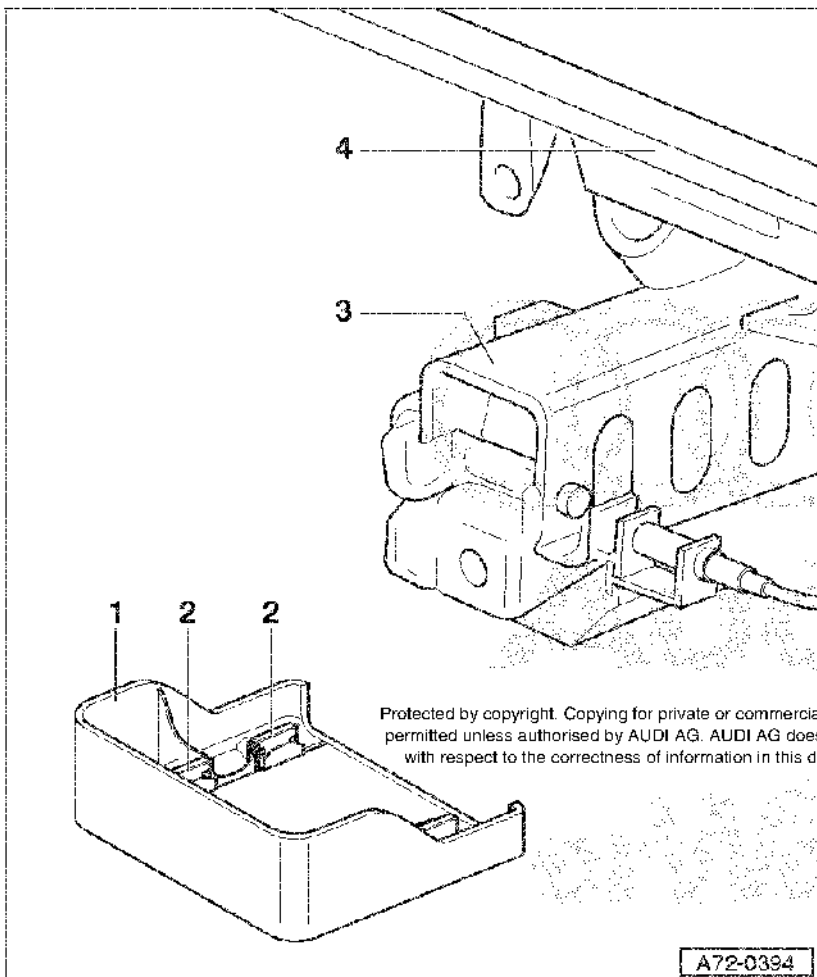
- Remove front covers -1- in the area of the retaining clips -2- towards the front.
- Remove front cover -1-.

◆ Installing

- Press on front trim cap -1- so that retaining clips -2- engage on seat -3-.



72-65



2 – Retaining clips (4x)

3 – Seat

4 – Bracket

5 – Seat pan

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72-66

Removing and installing rear cover on front seat rail (tunnel side)

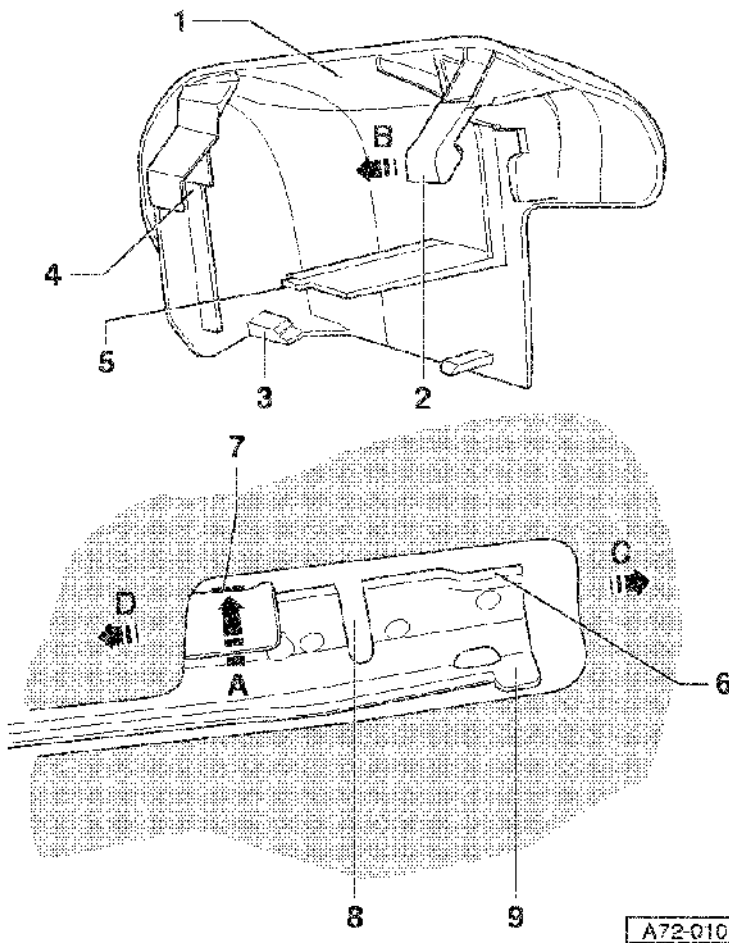
1 – Cover (tunnel side)

◆ Removing

- Push one finger underneath tunnel side cover -1- (direction of arrow -A-) and press the retainer tab -2- in direction of arrow -B-.
- At the same time pull tunnel side cover -1- in direction of arrow -C-.

◆ Installing

- Insert the tunnel side cover -1- , press onto carpet and simultaneously in direction of arrow -D-.
- Enter guides -4- into guide rail -6-.



A72-0100

72-67

- The retainer tabs -3- and -5- must engage in the metal tab -9- and the mount -8-.
- Press in tunnel side cover -1- until the retainer tab -2- engages in cut-out.

2 – Retainer tab

3 – Retainer tab

4 – Guide

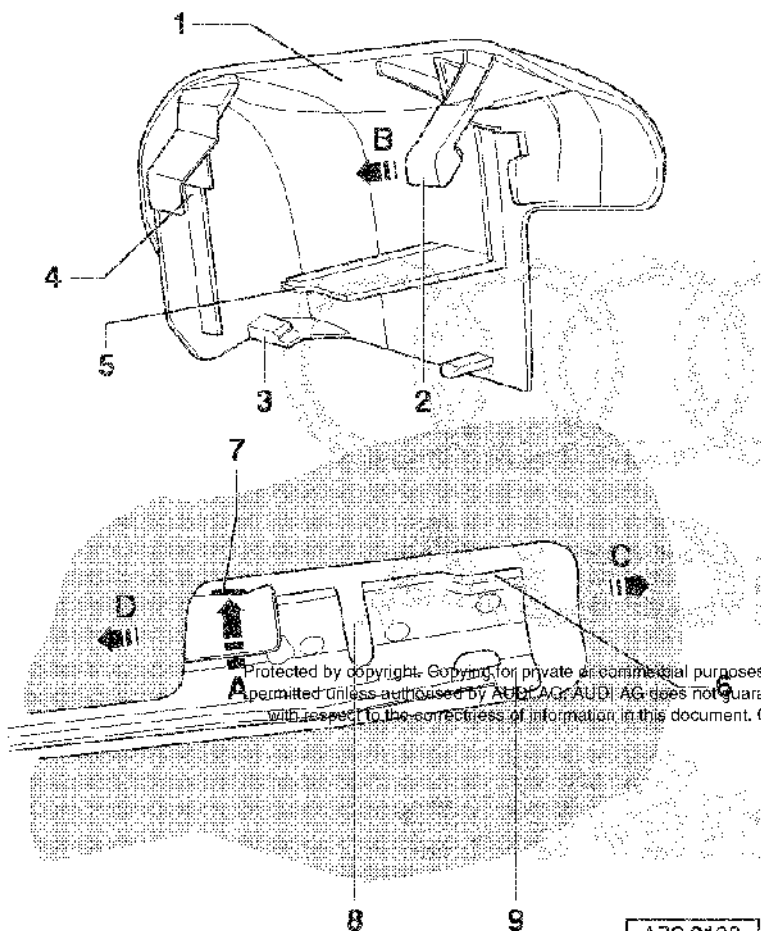
5 – Retainer tab

6 – Mounting

7 – Cut-out

8 – Mounting

9 – Metal tab



A72-0100

72-68

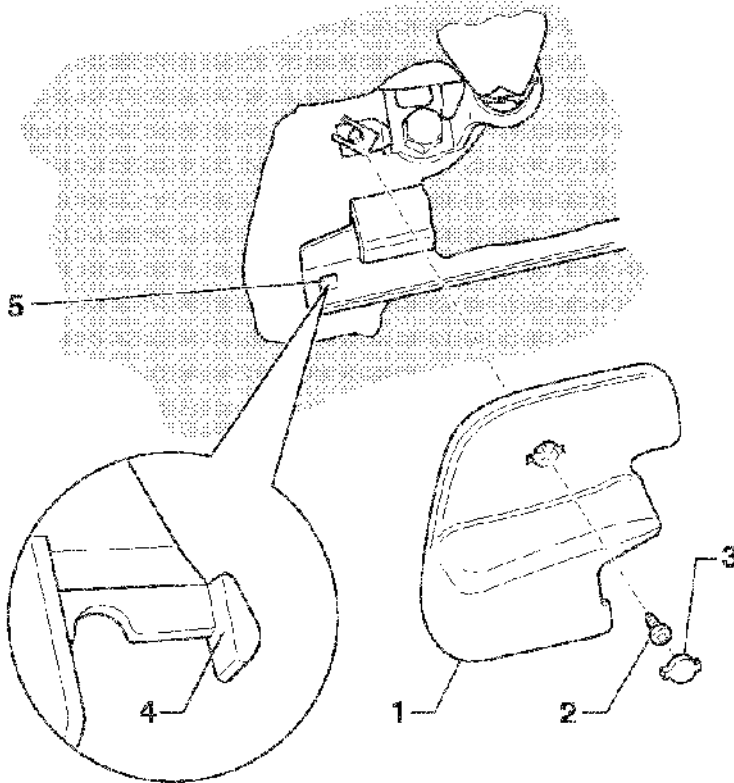
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Removing and installing rear cover on front seat rail (out-board side)

1 – Outboard side cover

◆ Removing

- Lever out cover cap -3- with a screwdriver.
- Unscrew bolt -2-.
- Pull outboard side cover -1- towards top at retainer tab -4- and from the mounting -5-.



A72-0250

72-69

◆ Installing

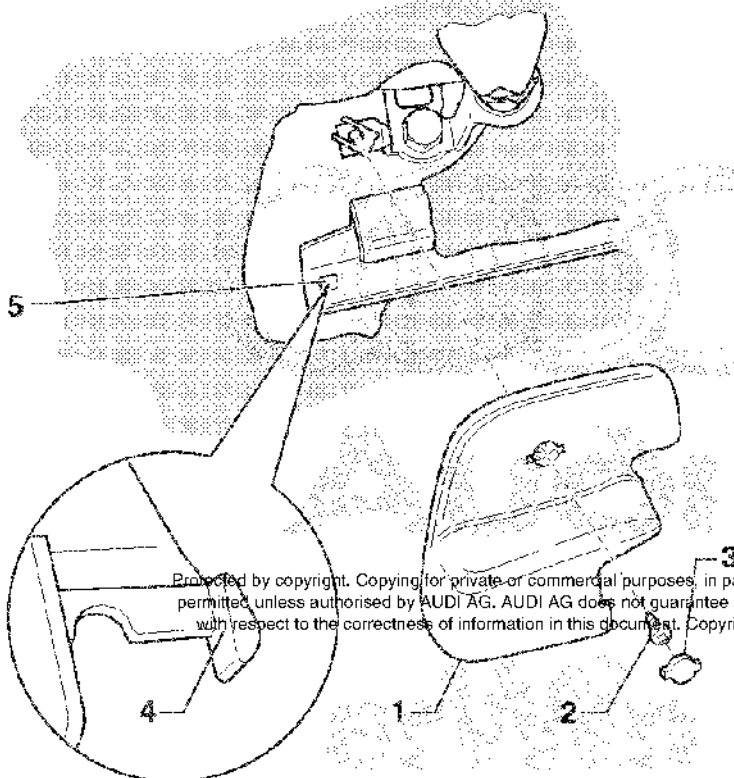
- Engage locking lug -4- into mounting -5-.
- Screw in bolt -2-.
- Clip in cover cap.

2 – Bolt (1x)

3 – Trim cap

4 – Retainer tab

5 – Mounting



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A72-0250

72-70

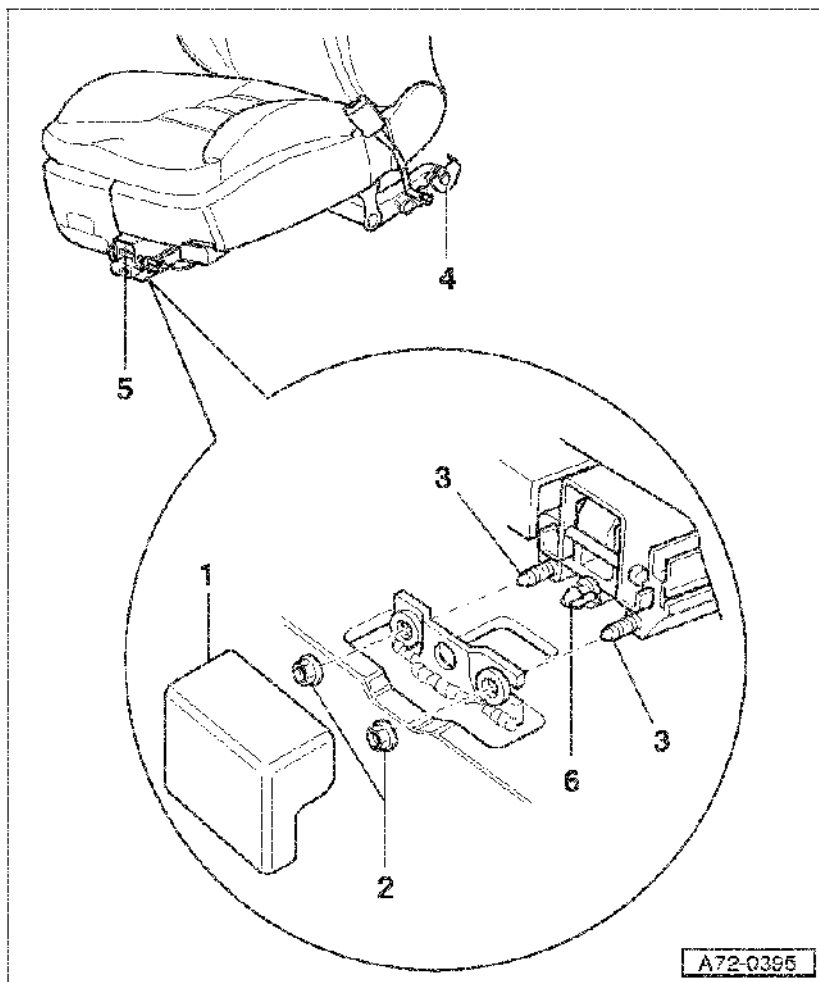
Removing and installing sports seat

Notes:

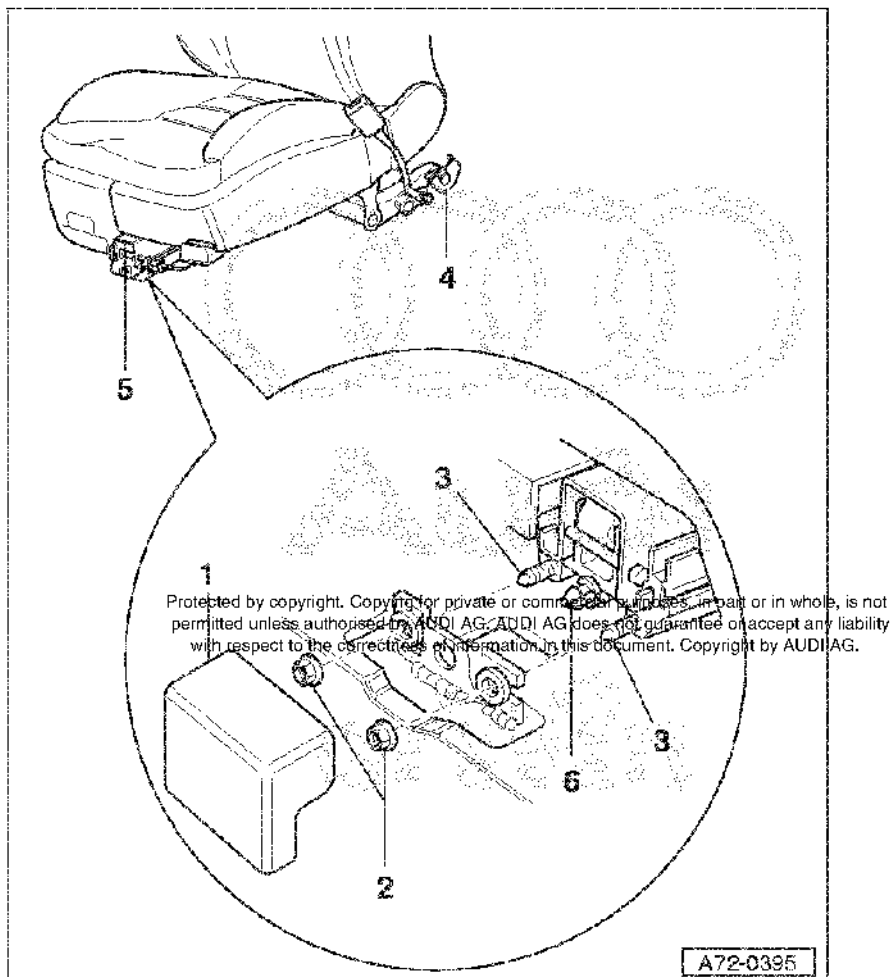
- ◆ The removal and installation procedures may have to be modified slightly depending on equipment versions.
- ◆ On vehicles with memory seat and electric seat, run the seat all the way to the rear and to the top height setting before disconnecting battery.
- ◆ Obtain radio code before disconnecting battery.

Important

- ◆ Observe safety precautions for working on airbag =>
- ◆ Observe seat installation instructions for vehicles with side airbag Page 72-73



72-71



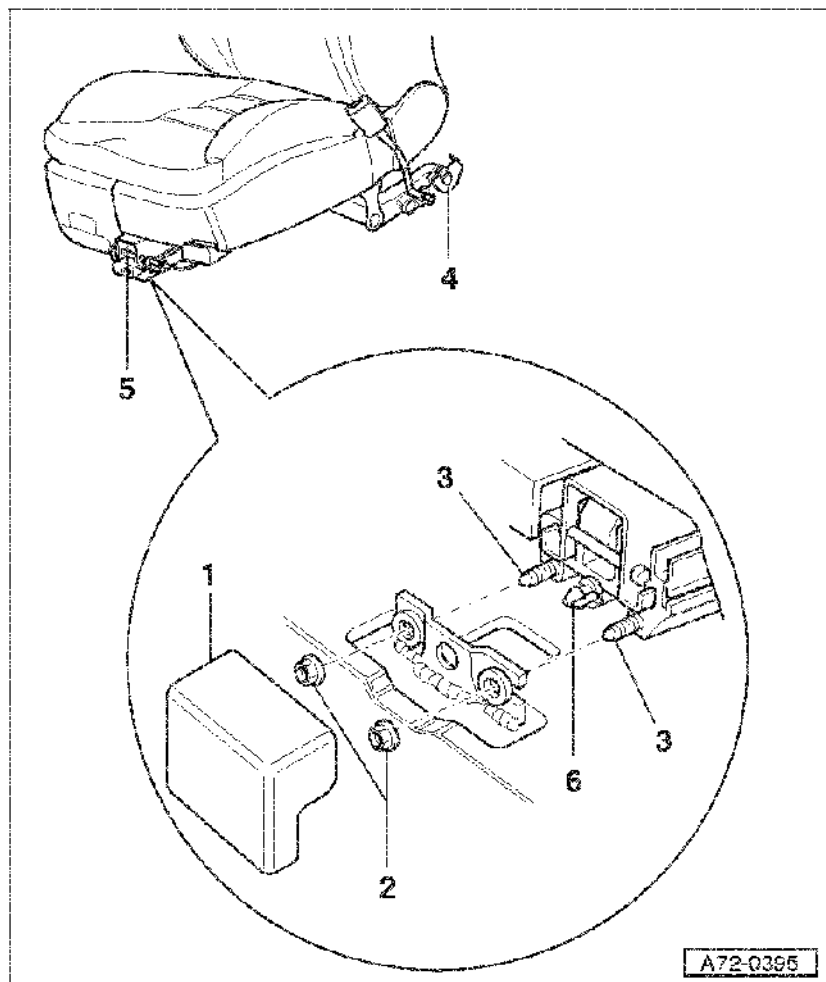
Important

Before removal of seat: Detach battery earth strap.

Removing

- Push seat forwards.
- Removing front seat rear guide cover on outboard side => Page 72-69
- Removing front seat rear guide cover on tunnel side => Page 72-67
- Push back seat.
- Remove cap -1- => Page 72-65
- Unscrew nuts -2- (2x) and remove seat by pushing backwards.
- On vehicles with heated seat, unplug connector.

72-72



- Connect the airbag adapter VAS 5094 => Page 72-75
- Cover floor covering at rear around guide rail.
- Push seat backwards out of guide.

Installing

- Installation is carried out in the reverse order; note the following:

Vehicles with side airbag:

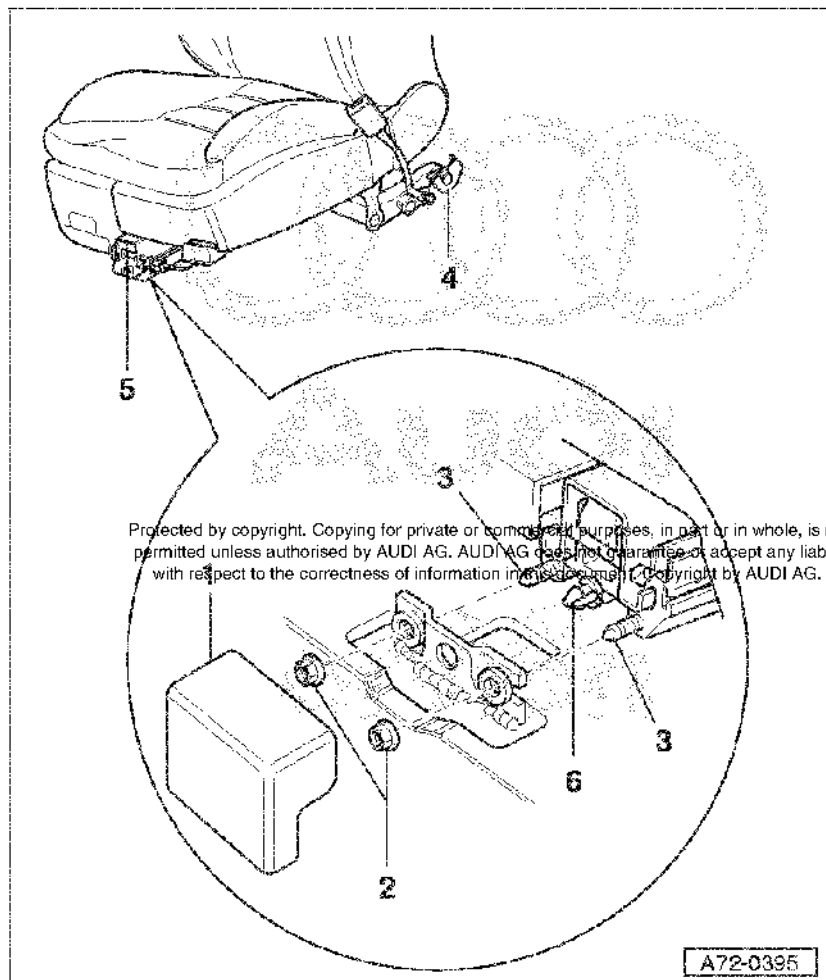
- Switch ignition on.

Important

There must be no-one in the vehicle when the battery is being connected.

- Connect battery earthing strap.

72-73



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1 - Trim cap

2 - Nut (2x)

- Tightening torque 23 Nm
- ◆ Self-locking
- ◆ Replace

3 - Threaded pin

4 - Rear rollers

5 - Front slides

- Lubricate front slides -5- with multi purpose grease if seat does not slide back and forward smoothly.

6 - Plugs

72-74

Connecting airbag adapter VAS 5094

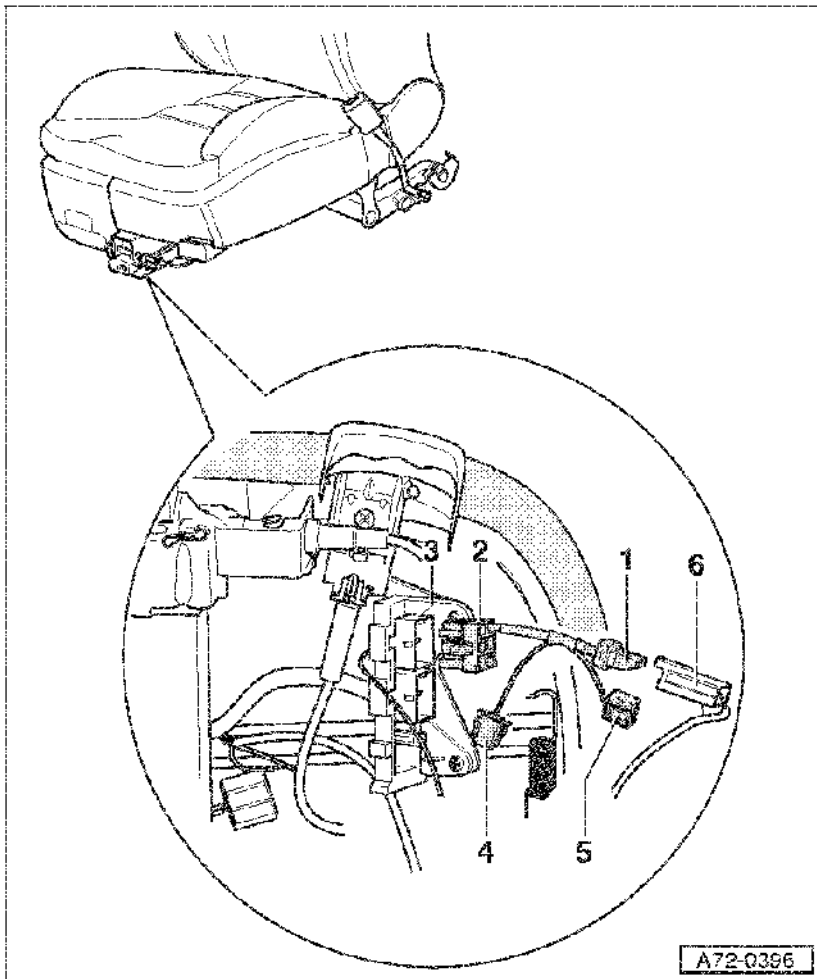
Note:

The mechanic must electrostatically discharge him/herself before disconnecting ignition and earth wires (briefly touch closing wedge for door or body).

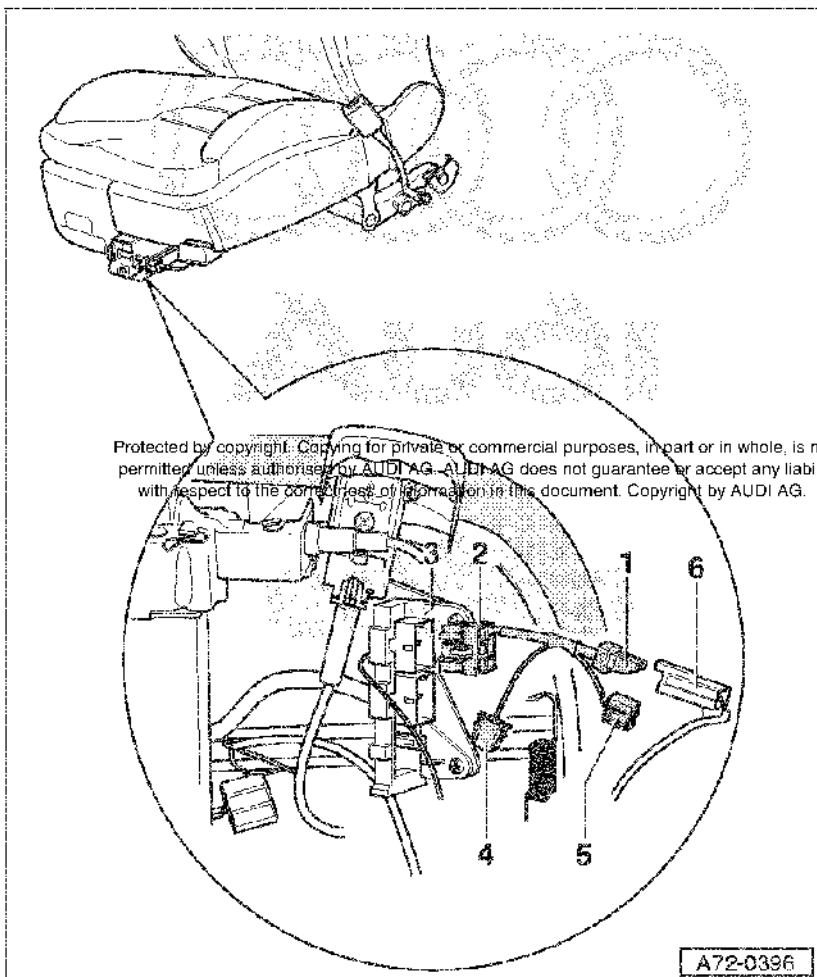
- Disconnect igniter and earth wiring from side airbag
=> Fig. 1
- Connect ignition wire for airbag module to connector -5- (airbag adapter).

Important

The airbag adapter VAS



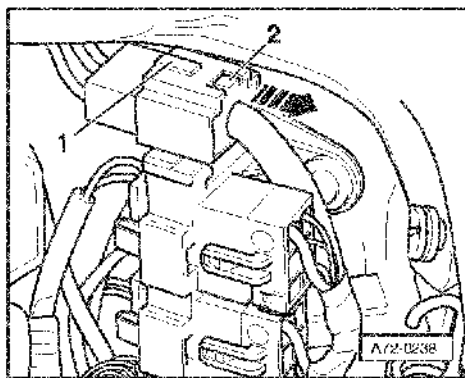
72-75



- 1 – Airbag adapter igniter wire connector
- 2 – Earth wire for airbag adapter connector, Audi A6 1998 >, Audi A4 1995 > and Audi A3 1997 >
- 3 – Earth wire connector from airbag module
- 4 – Airbag adapter – Plug earth wiring (Golf 1991 >)
- 5 – Earth wire for airbag adapter connector, Audi A6 1999 >, Audi A4 1999 >, Audi A3 1999 > and Audi TT 1999 >
- 6 – Igniter wire connector from airbag module

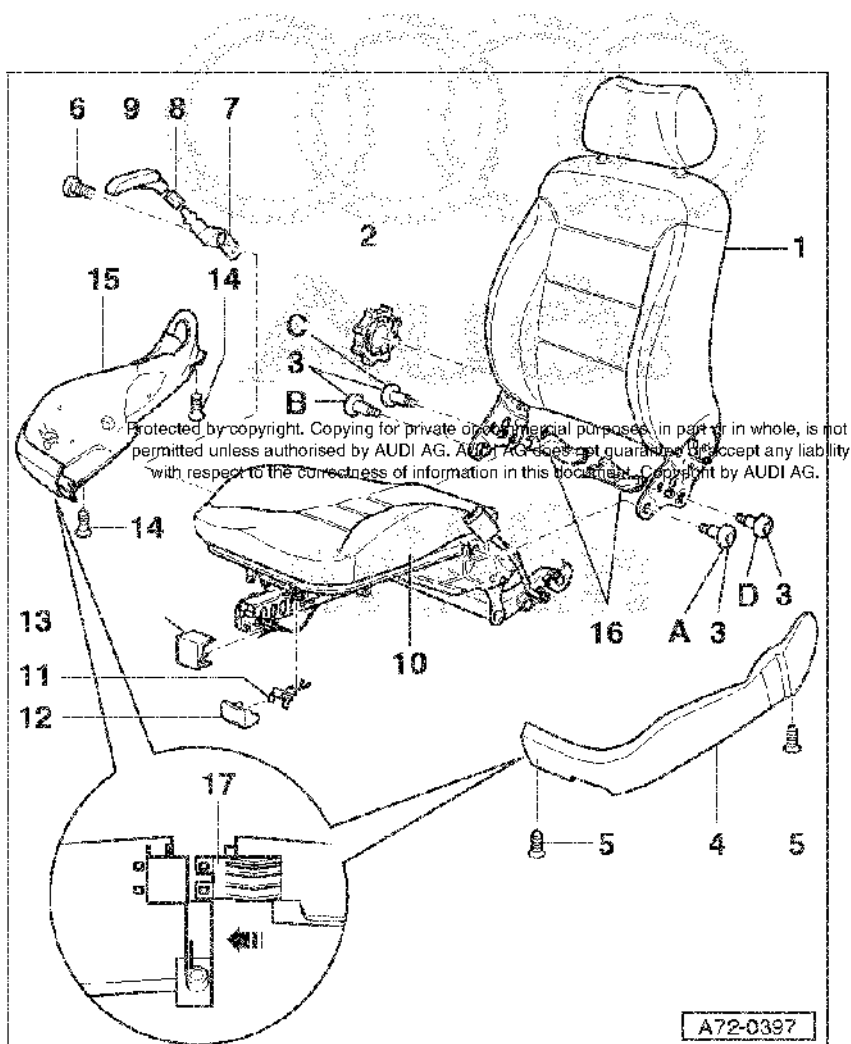
72-76

Fig.1 Detaching connector for side airbag



- ◀ – Press retaining tab -2- and pull out connector in direction of arrow.
- 1 - Airbag connector
- 2 - Retaining tab

72-77



Removing and installing front seat backrest

1 – Front seat backrest

♦ Removing

Important

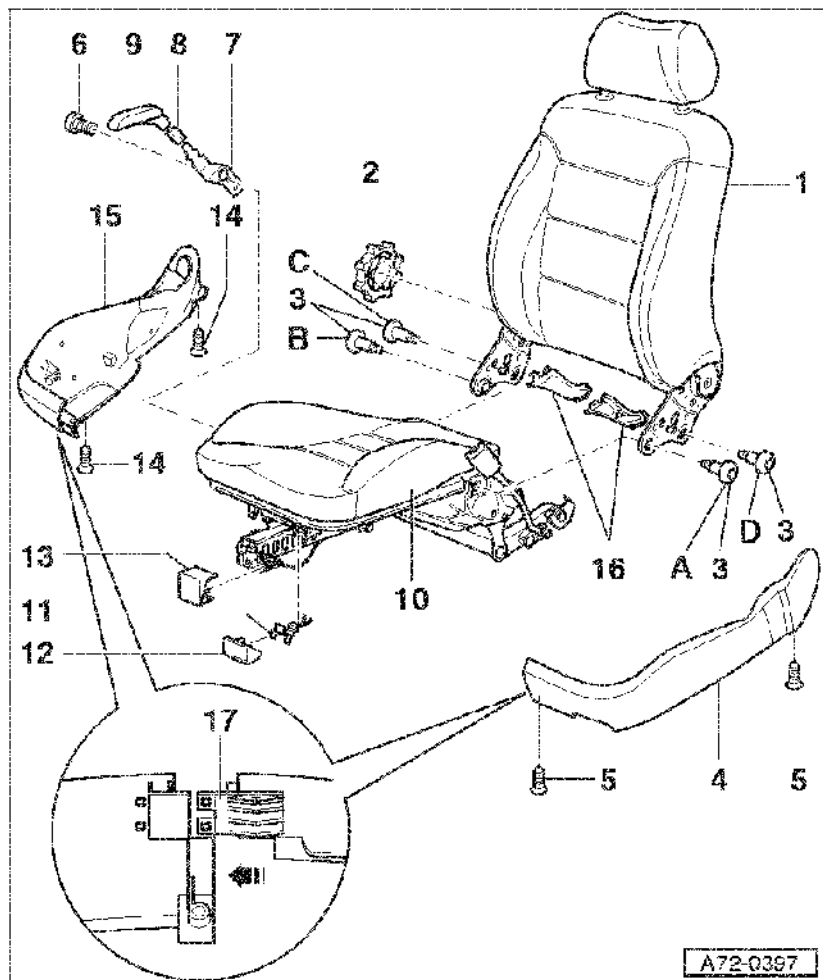
Observe relevant safety precautions for vehicles fitted with side airbags =>

- Removing sports seat => Page 72-71
- Dismantling drawer => Page 72-90
- Removing seat height adjuster handle -9- => Page 72-85

Note:

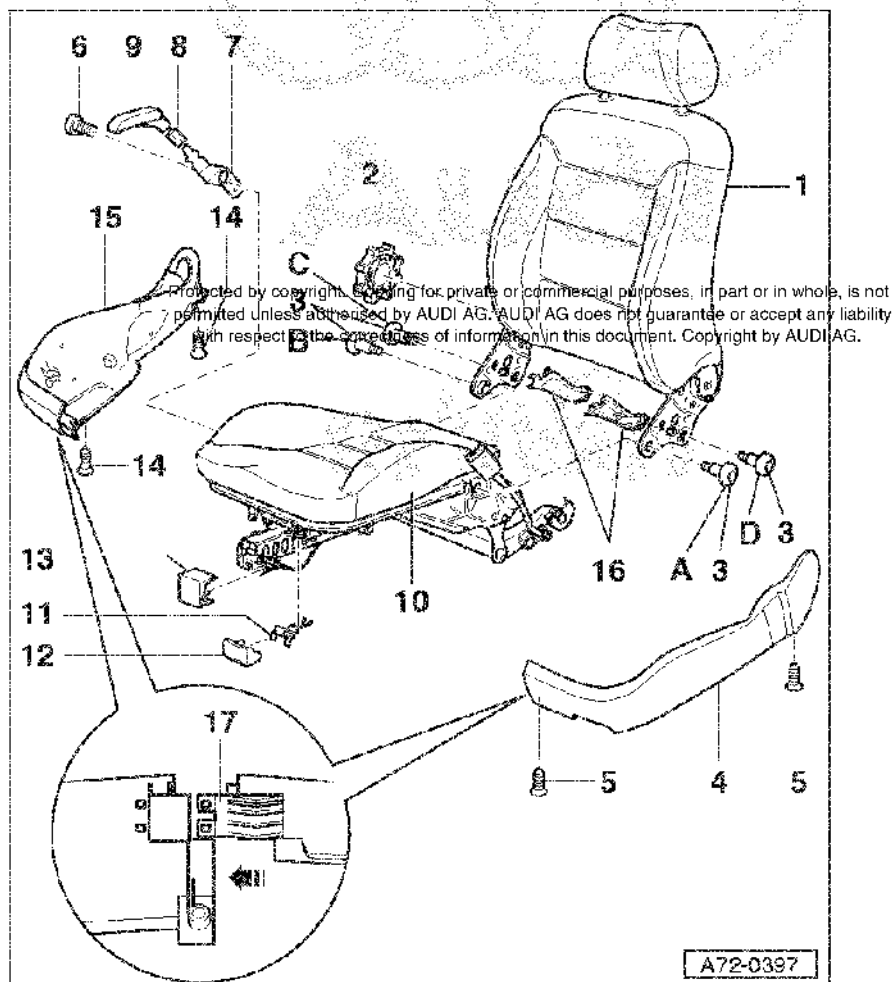
If clip -9- remains on lever when seat height adjuster handle is removed, detach clip -8- in order to avoid scratching side panel of seat -4-.

72-78



- Removing backrest adjuster wheel -2- => Page 72-87
- Unscrew bolt-5-(2x).
- Unscrew bolt-14-(2x).
- Suspend seat side panels -4- and -15- at rear bolting point and on upper side.
- Press the seat side panels -4- and -15- rearward against the padding and disengage the tabs -17- of seat side panels -4- and -15-.
- Remove seat side panels -4- and -15- towards front.
- Disconnect backrest heater.
- On seats with side airbag, detach plug for side airbag with earth cable from connector console => Page 69-99

72-79



- Remove inner fitting panels -16- => Page 72-91
- Unscrew bolt -3- (4x).
- Remove the backrest -1- from the seat pan -10-.

2 – Backrest adjuster wheel

3 – Bolts (4x)

- Tightening torque 20 Nm

4 – Seat side panel, outboard side

5 – Bolts (2x)

- Tightening torque 1.5 Nm

6 – Bolt (1x)

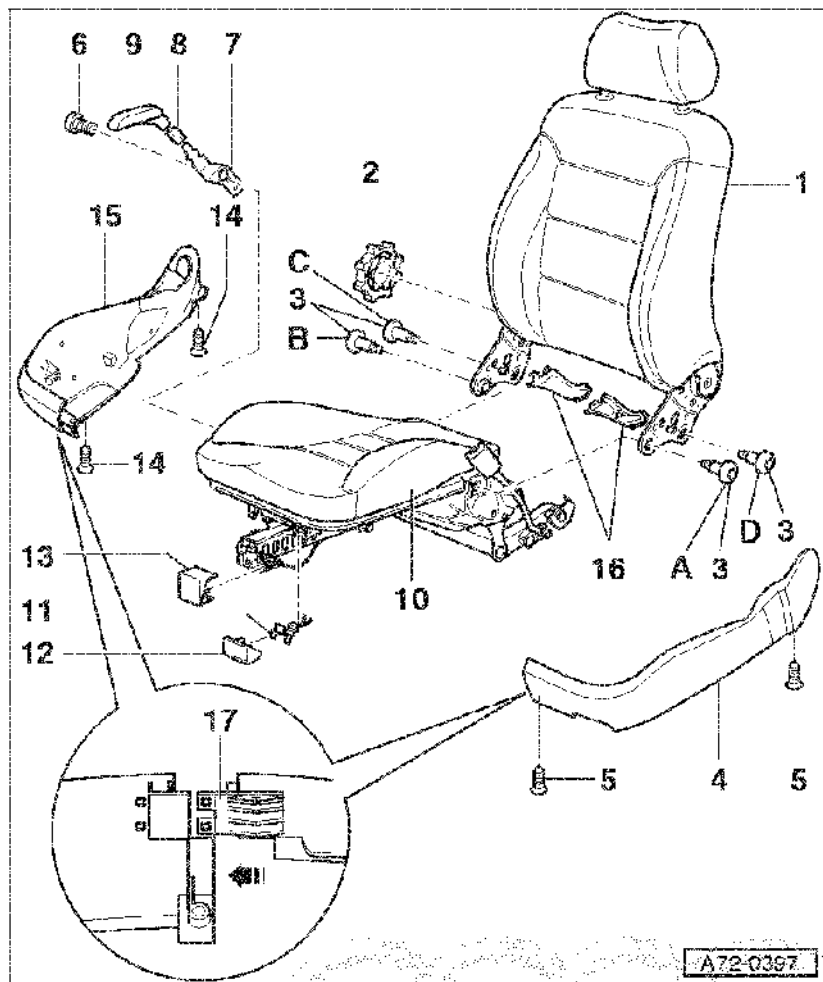
- Tightening torque 5 Nm

7 – Height adjustment lever

- ◆ Seat side panel removed
- Unscrew bolt -7-.

8 – Clamp

72-80



9 – Seat height adjuster handle

10 – Seat pan

11 – Lever

◆ Lever -11- and adjuster grip -12- are one replacement part.

12 – Adjuster handle

13 – Bowden cable cover

◆ Remove Bowden cable cover
=> Page 72-95

14 – Bolts (2x)

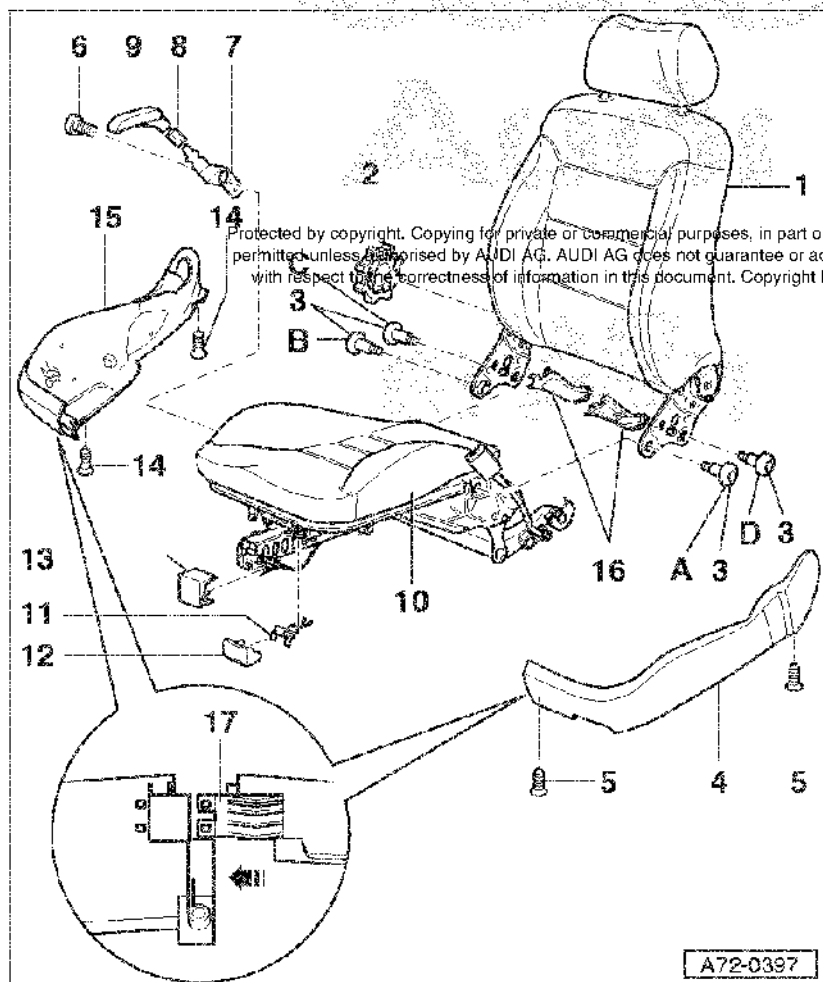
– Tightening torque 2.0 Nm

15 – Seat side panel, tunnel side

16 – Inner fitting panels

17 – Tab

72-81



◆ Installing

Note:

Observe bolt tightening sequence -3-.
Re-cut threads of new bolts before inserting and use new bolts -3-.

Observe installation direction of clip -8- when installing => Page 72-86

– Install bolts -3- in sequence -A-, -B-, -C-, and -D-.

– Tightening torque 20 Nm

– Remainder of installation is carried out in reverse order of removal.

72-82

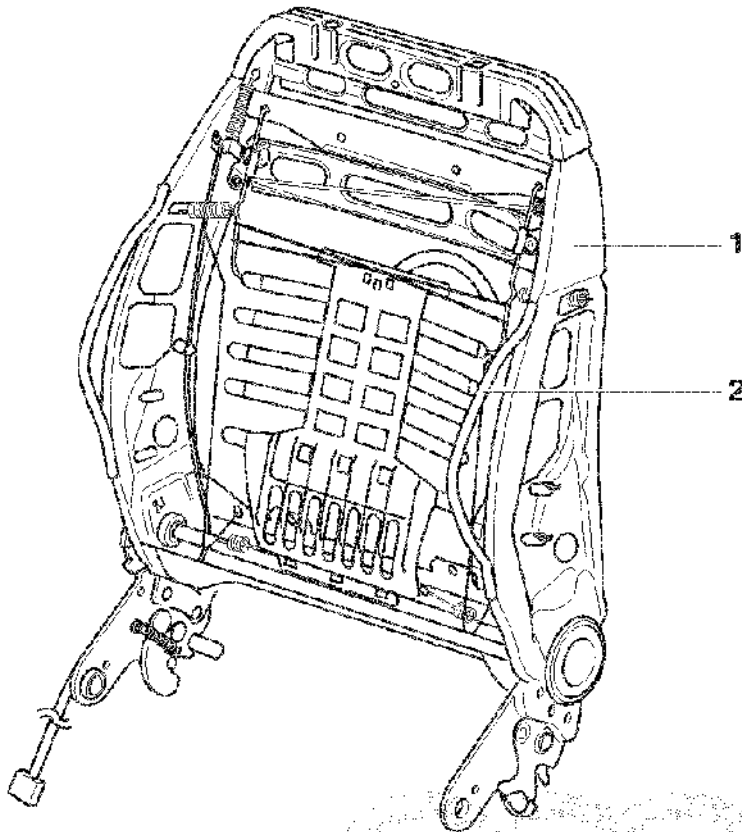
Converting backrest from sports to standard seat

◆ Removing

- Removing and installing backrest fabric cover and padding
=> Page 74-15
- Cut off the sports brackets -2-
- Grind down the surface.
- Apply corrosion protection

1 – Backrest

2 – Sports bracket



A72-0405

72-83

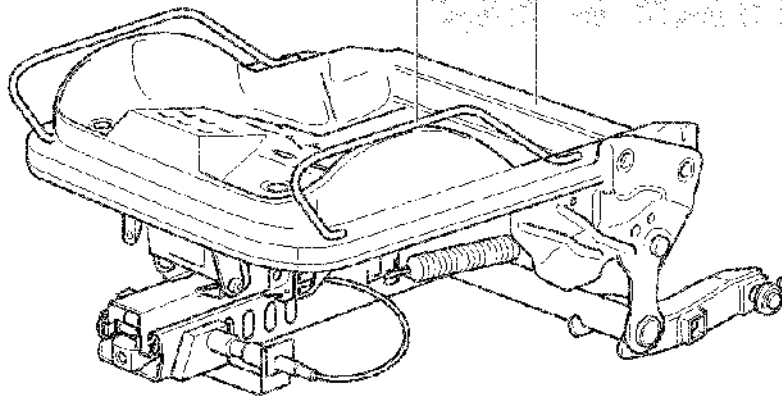
Converting seat pan from sports to standard seat

◆ Removing

- Removing and installing seat pan fabric cover and padding
=> Page 74-13
- Cut off the sports brackets -2-
- Grind down the surface.
- Apply corrosion protection

1 – Seat pan

2 – Sports bracket



A72-0404

72-84

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Removing and installing seat height adjuster handle

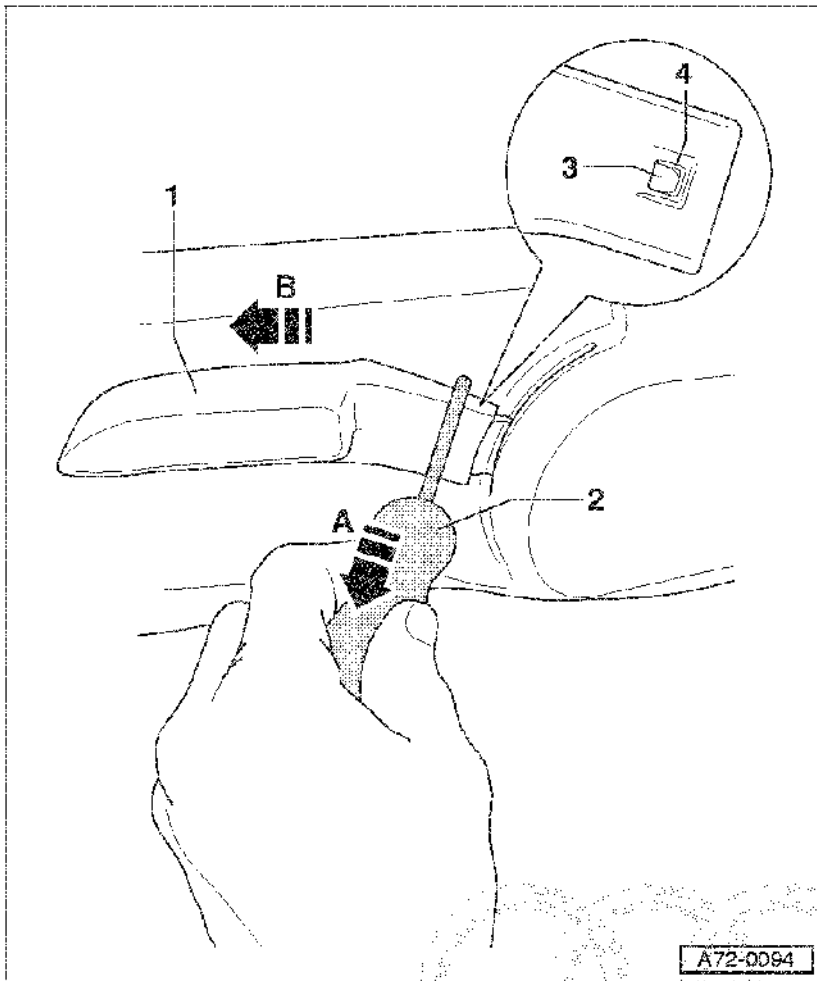
- Make an auxiliary tool => Fig. 2
- Slightly pull the seat height adjuster handle -1- away from the seat.
- Guide the auxiliary tool -2- into the mounting -4-.
- Pull auxiliary tool -2- in direction of arrow -A- and press spring -3- outwards.
- Pull seat height adjuster handle -1- in direction of arrow -B-

1 – Seat height adjuster handle

2 – Improved tool

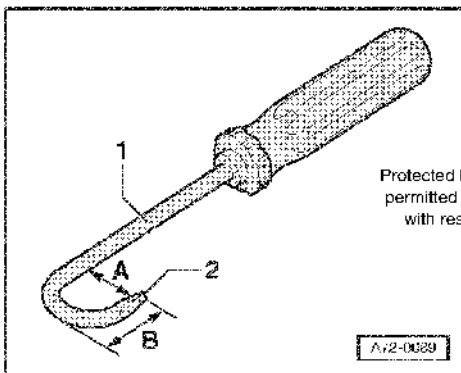
3 – Spring

4 – Mounting



A72-0094

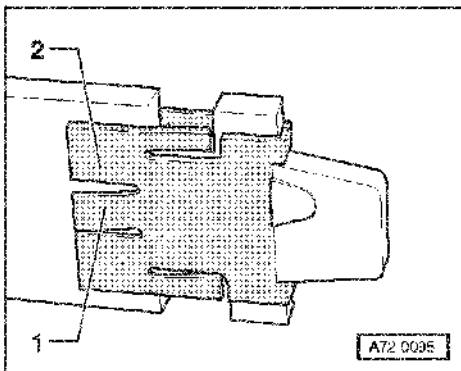
72-85



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Installing retaining clip

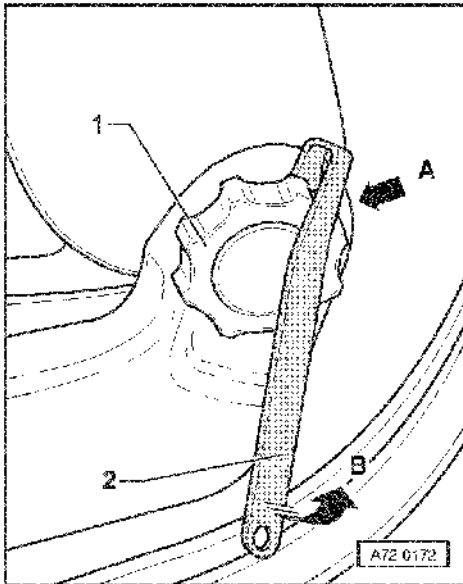
- The spring -1- of the retaining clip -2- must face the seat.



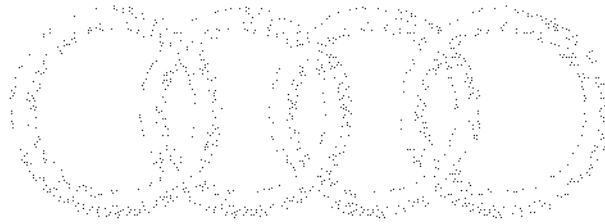
A72 0095

72-86

Removing backrest adjuster wheel

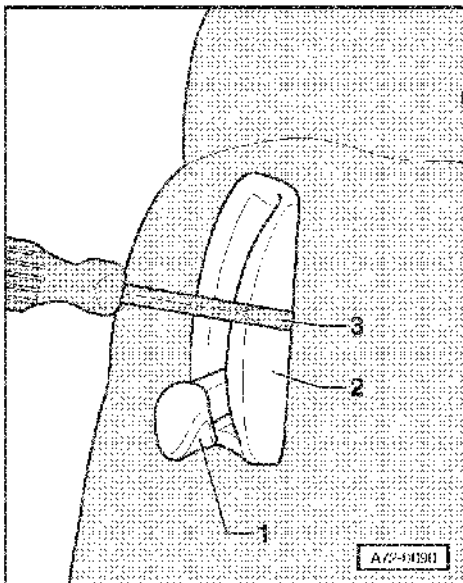


- ◀ – Turn the backrest adjuster wheel -1- until you can see a catch of the backrest adjuster wheel in direction of arrow -A- (possibly with a torch).
- Hook up the special tool 3399 -2- and lever in direction of arrow -B-.
- Turn the backrest adjuster wheel further by 120°.
- Hook up the special tool 3399 -2- and lever in direction of arrow -B-.
- Remove the backrest adjuster wheel.



72-87

Removing release handle with cover plate



Note:

The release handle cannot be removed without being damaged.

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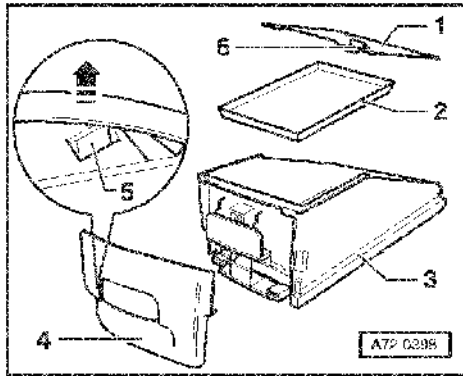
Detach the release catch -1- with force.

Pull cover away from cover plate.

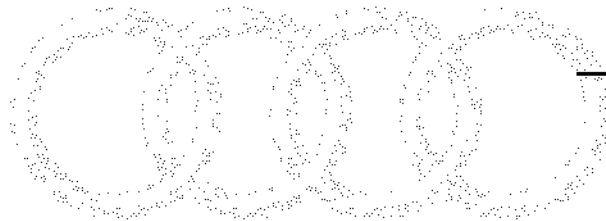
- With a screwdriver -3- press the cover plate -2- at the backrest frame from both sides backwards.

72-88

Dismantling drawer



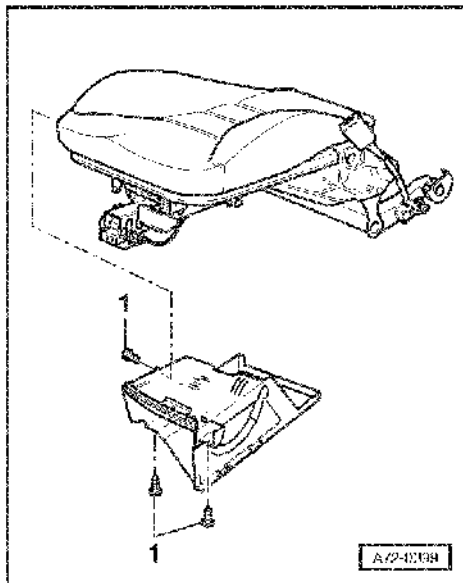
- Press the retaining tab -6- on drawer lid -1- upwards.
- Pull out drawer -3- up to stop.
- Press the retaining tab -6- downwards and remove the drawer -3-.
- Unclip the drawer lid -1- upwards.
- Use screwdriver to lever out drawer panel -4- from below at the retaining tabs -5- (magnified view shows drawer panel from below).
- Remove tray -2- from drawer -3-.



72-89

Removing drawer frame

- Removing sports seat => Page 72-71

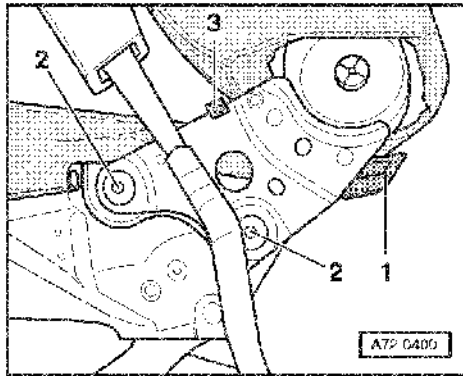


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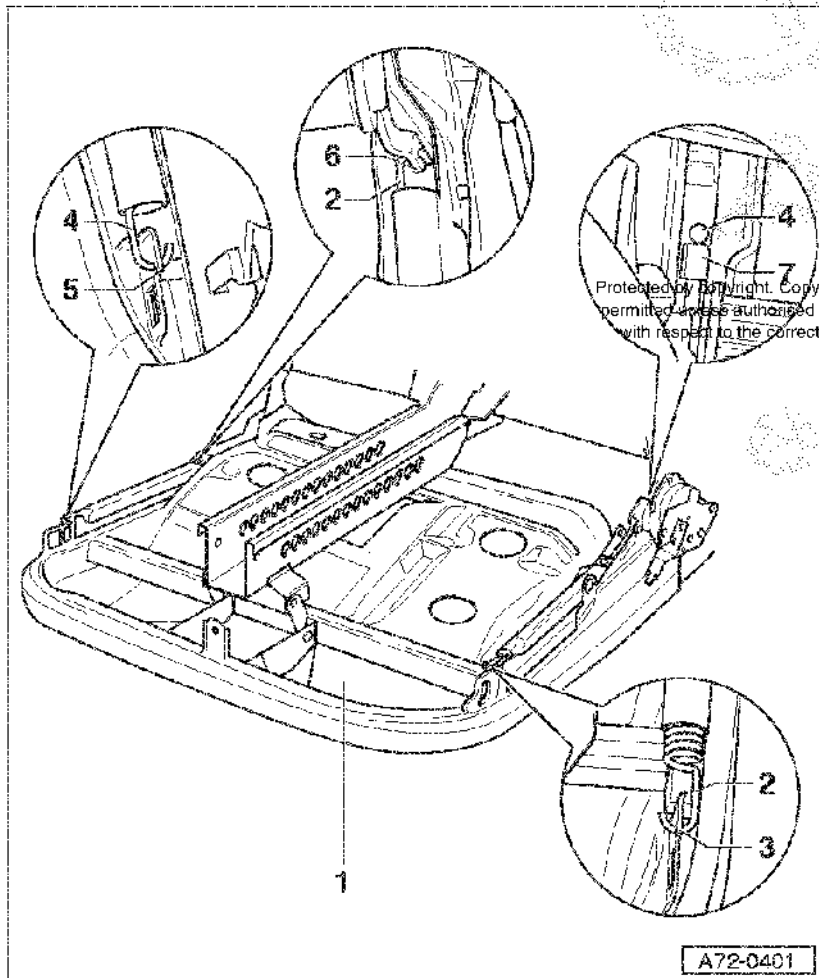
72-90

Removing inner fitting panels



- Remove seat side panels => Page 72-78
- Unscrew bolt -2- (2x). Tightening torque 1 Nm.
- Release locking lug -3-.
- Remove fitting panels -1- by drawing downwards.

72-91



Removing and installing seat height adjuster unit

◆ Removing

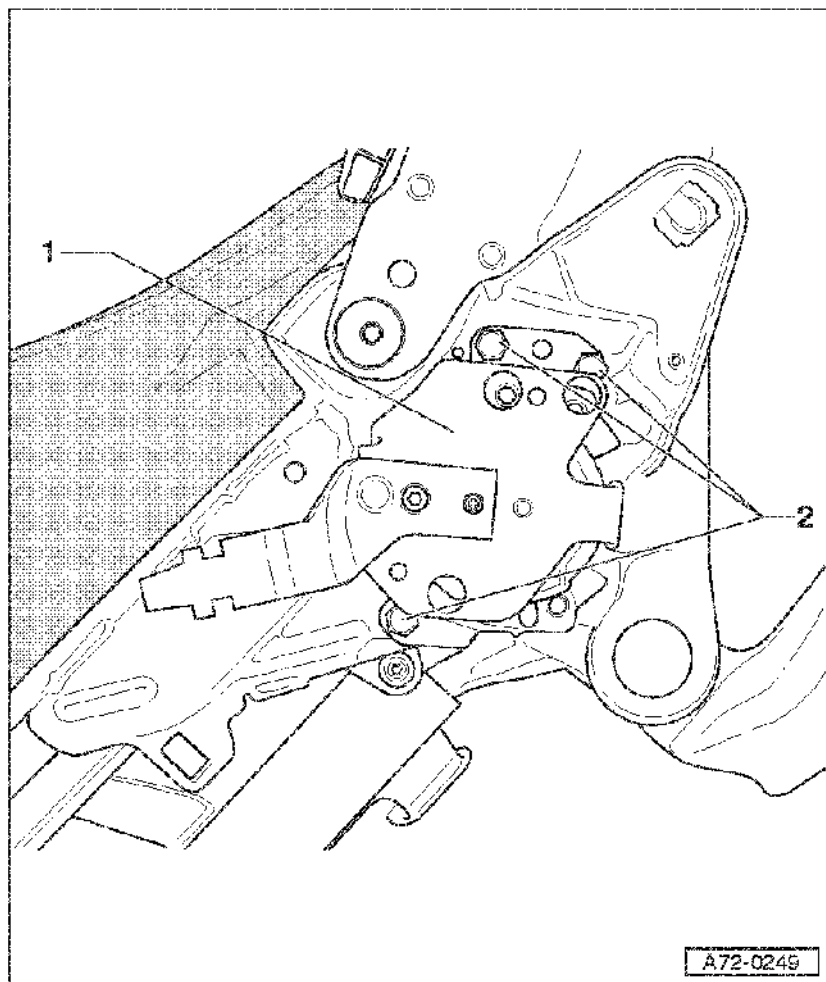
- Fully raise the seat before removal.
- Removing sports seat => Page 72-71

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Note: For greater clarity, the seat is shown from below.

- Remove seat side panels => Page 72-78
- Detach spring -2- from retaining hook working from inside -3-.
- Disengage spring -4- from retaining hook working from outside -5-.

72-92

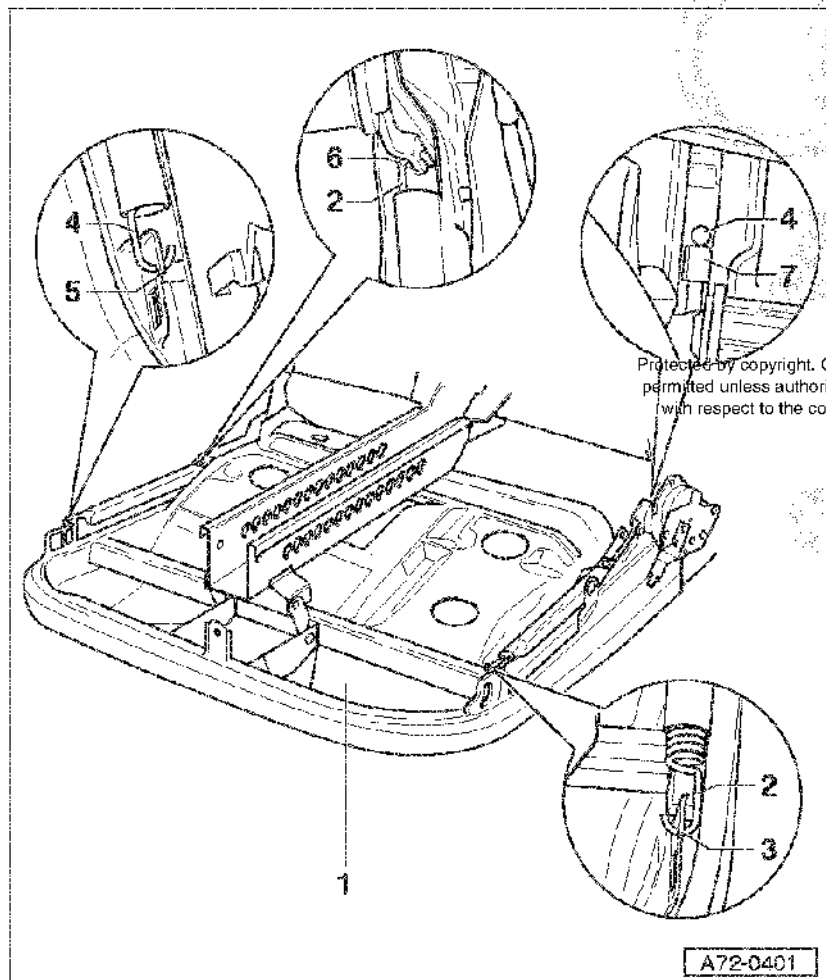


- Unscrew bolts -2- (3x).
- Remove seat height adjuster unit -1-.

1 – Seat height adjuster unit

2 – Bolts (3x)

72-93



♦ Installing

- Install seat height adjuster unit
- Reinstall springs if springs -2- and -4- have become disengaged from retaining hooks -6- and -7-.

Important

Injury risk: springs are under strong tension.

- Insert the springs -2- and -4-.

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1 – Seat pan

2 – Spring

3 – Retaining hooks

4 – Spring

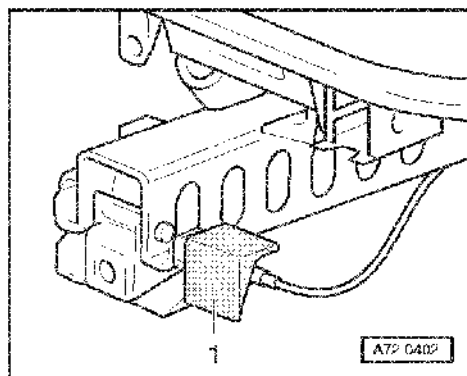
5 – Retaining hooks

6 – Retaining hooks

7 – Retaining hooks

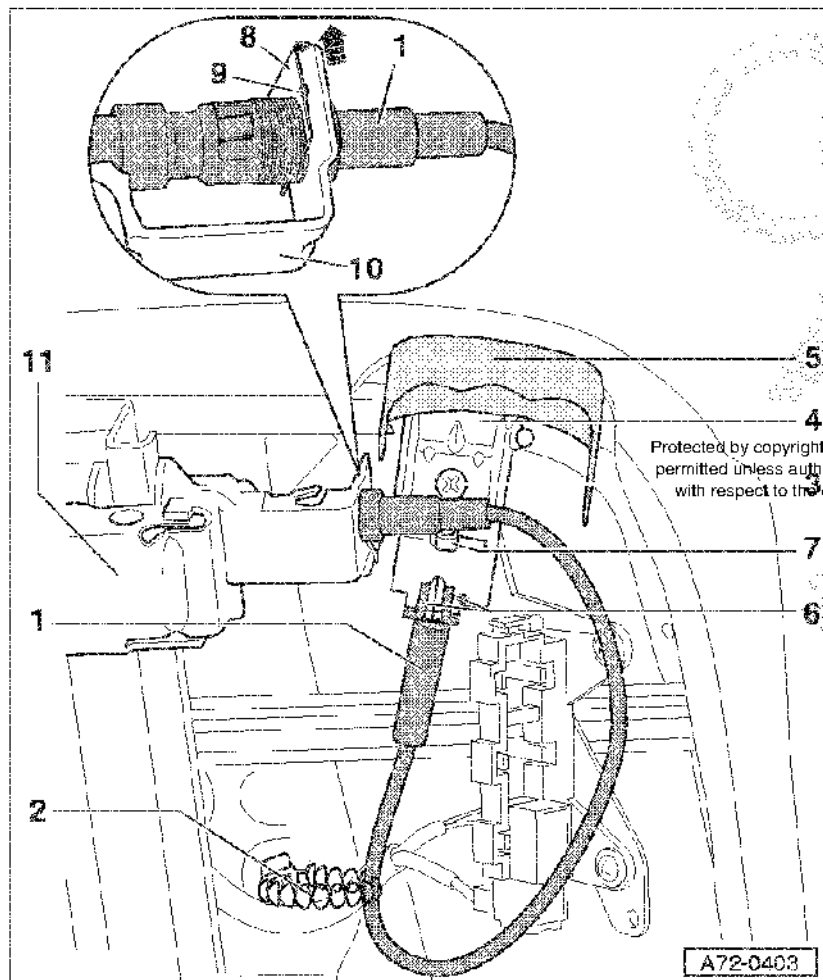
72-94

Removing Bowden cable cover



- Grip underside of Bowden cable cover -1- and pull downwards and forwards.

72-95



Removing and installing longitudinal seat adjustment Bowden cable

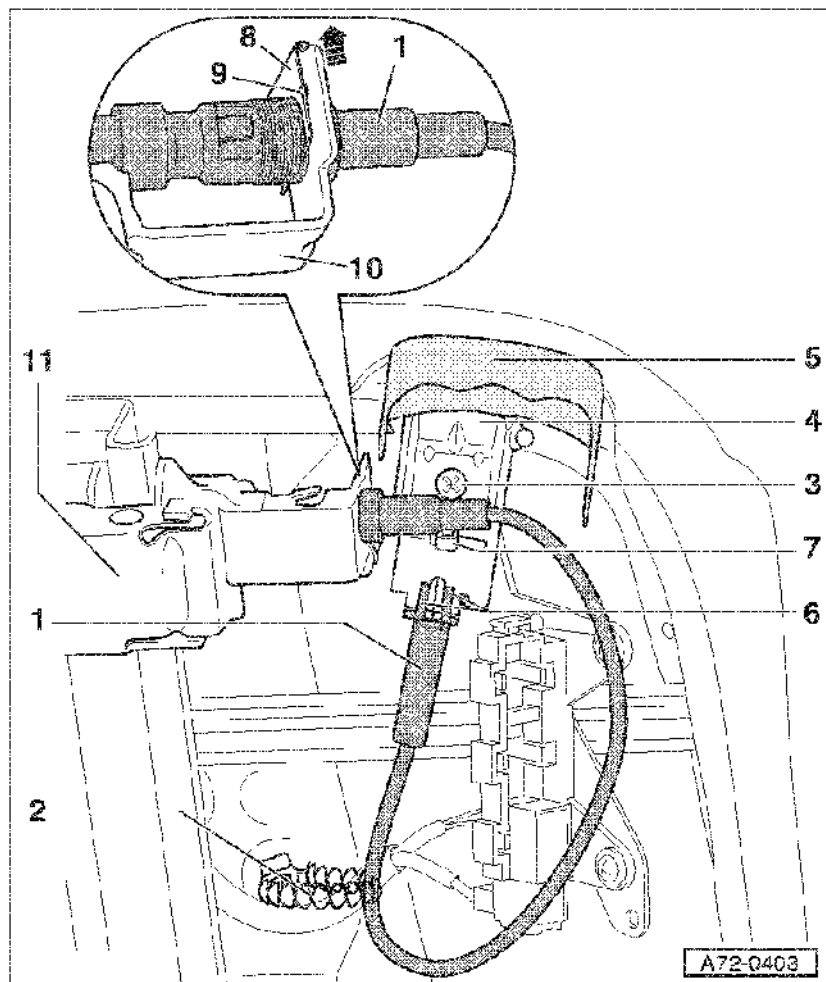
1 - Bowden cable

◆ Removing

- Removing sports seat => Page 72-71
- Unscrew bolt -3- (1x).
- Detach lever -4- and adjuster grip -5-.
- Open cable ties -2-.
- Push retaining tabs -9- (4x) outwards and pull off clip -8- in direction of arrow.
- Remove Bowden cable -1- from bracket -10-.
- Push one of the retaining hooks -6- inwards from inside.

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72-96



- Detach Bowden cable -1- at cut-out -7-.

◆ Installing

Note:

Observe Bowden cable adjustment -1- to ensure that the seat is securely locked in position.

- Using clamp -8-, adjust Bowden cable -1- such that there is approx. 1 mm play at the adjuster grip -5-.

2 – Cable tie

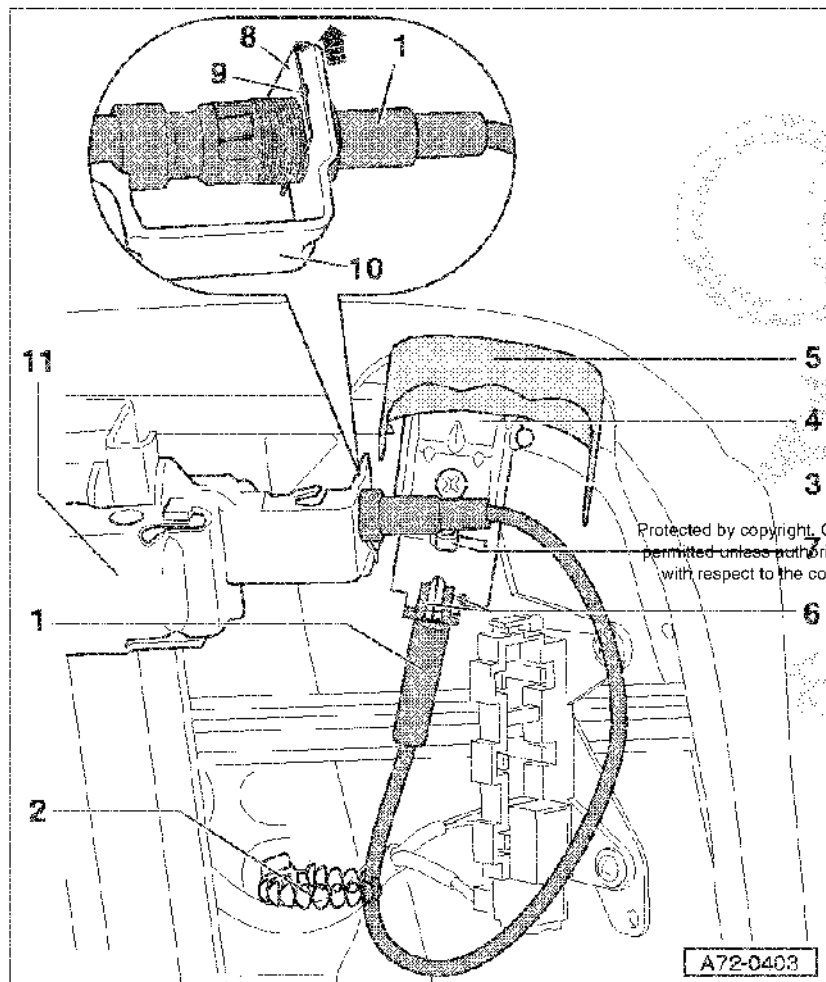
3 – Bolt

- Tightening torque 5 Nm

4 – Lever

- ◆ Lever -4- and adjuster grip -5- are one replacement part.

72-97



5 – Adjuster handle

6 – Locking tab

7 – Cut-out

8 – Clamp

9 – Retainer tabs

10 – Bracket

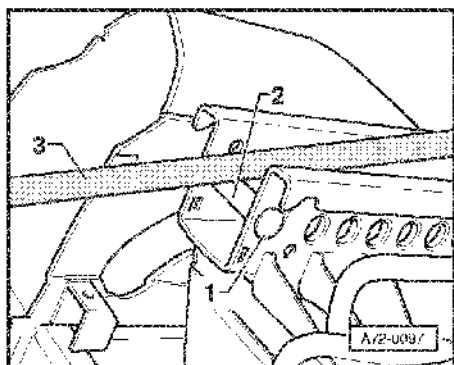
11 – Slider block

- ◆ Cut through rivet to remove => Fig. 3

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72-98

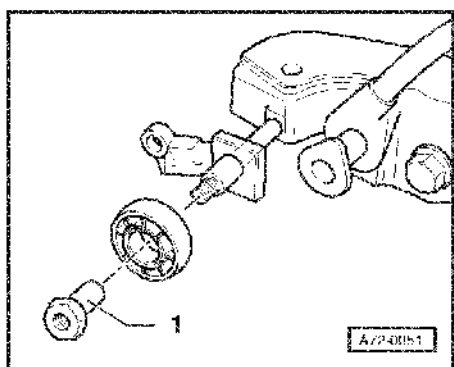
Fig.3 Cutting through rivet to remove slider block



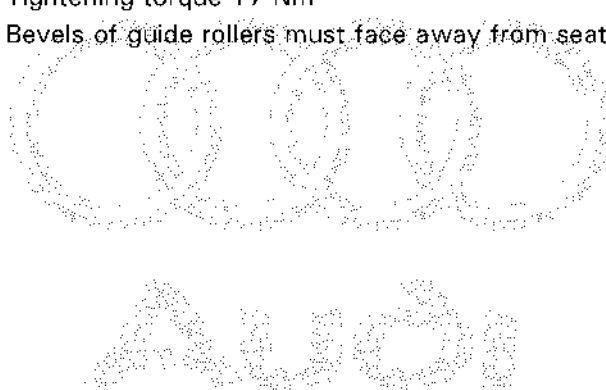
- ◀ – Operate release lever for longitudinal seat adjustment and push slider block to the rear.
- Using a metal saw -3- cut through sleeve -2- and rivet -1-.
- Remove all metal particles from seat pan.
- The rivet -1- is replaced by the service department with a bolt, a nut and a new sleeve -2-.
- Tightening torque 15 Nm

72-99

Removing rear slides



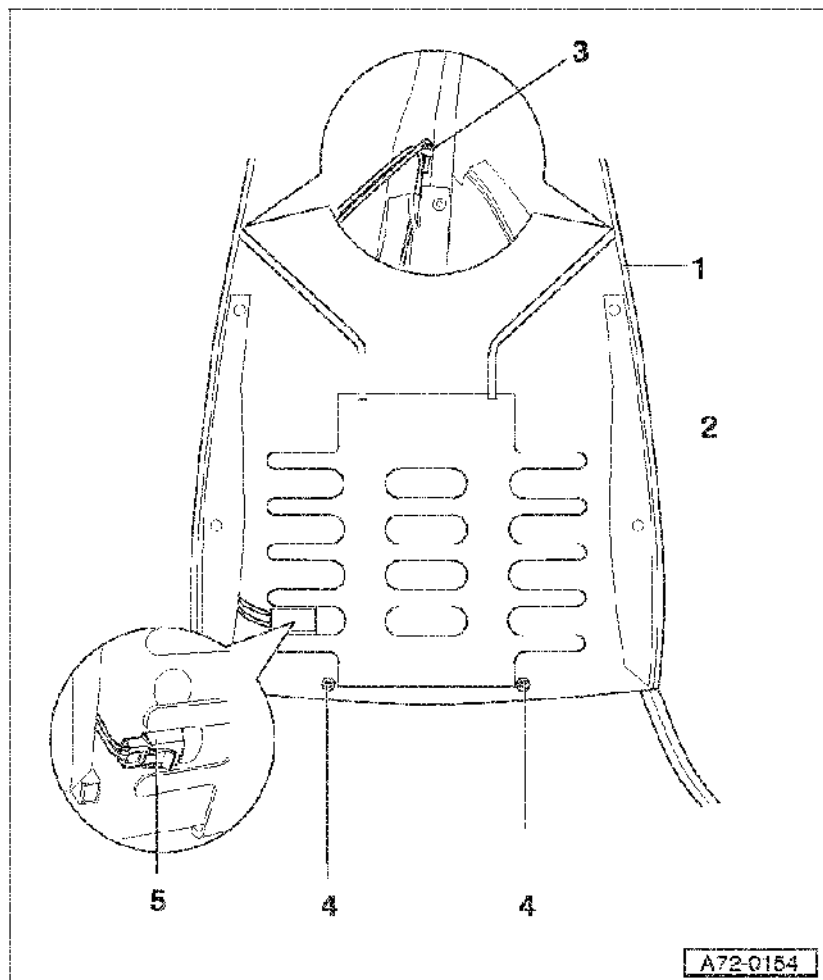
- Unscrew nut -1-.
- Tightening torque 17 Nm
- ◀ – Bevels of guide rollers must face away from seat.



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72-100



Removing and installing 2-way lumbar support

1 – Backrest frame

2 – 2-way lumbar support

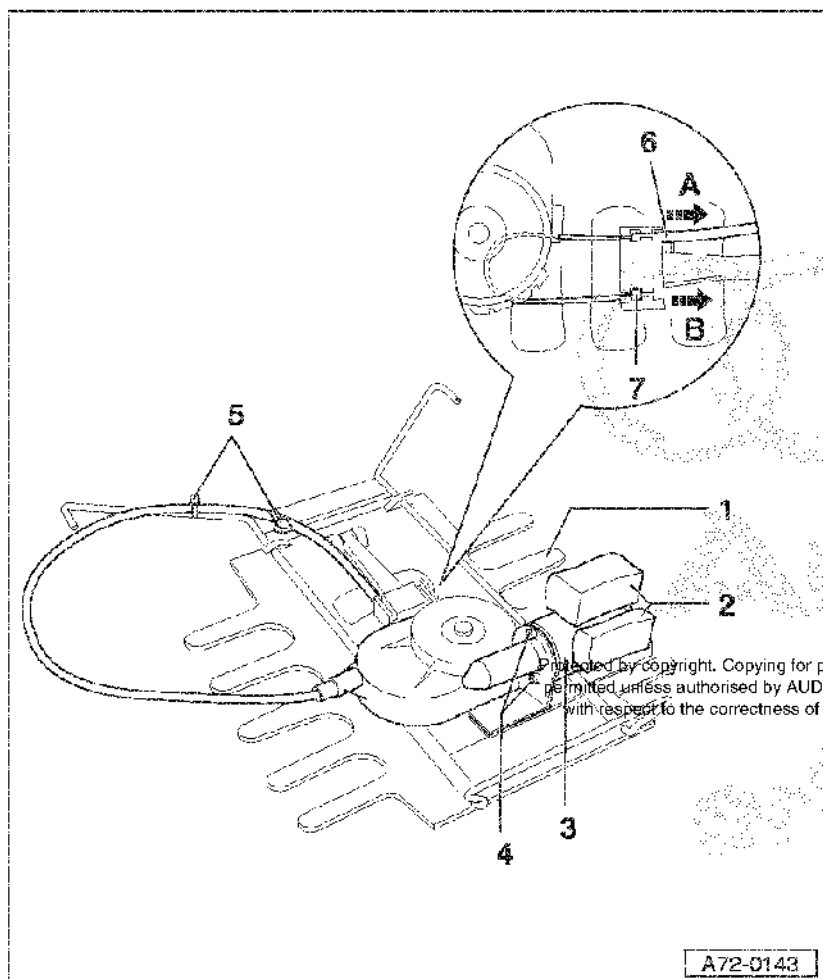
- Remove the seat => Page 72-71
- Remove upholstery from backrest => Page 74-16
- Detach connector of lumbar support motor -5-.
- Remove bolts -4- (2x).

3 – Retaining hooks

4 – Bolts (2x)

5 – Connector of lumbar support motor

72-101



Removing and installing lumbar support motor with gear unit

1 – Lumbar support

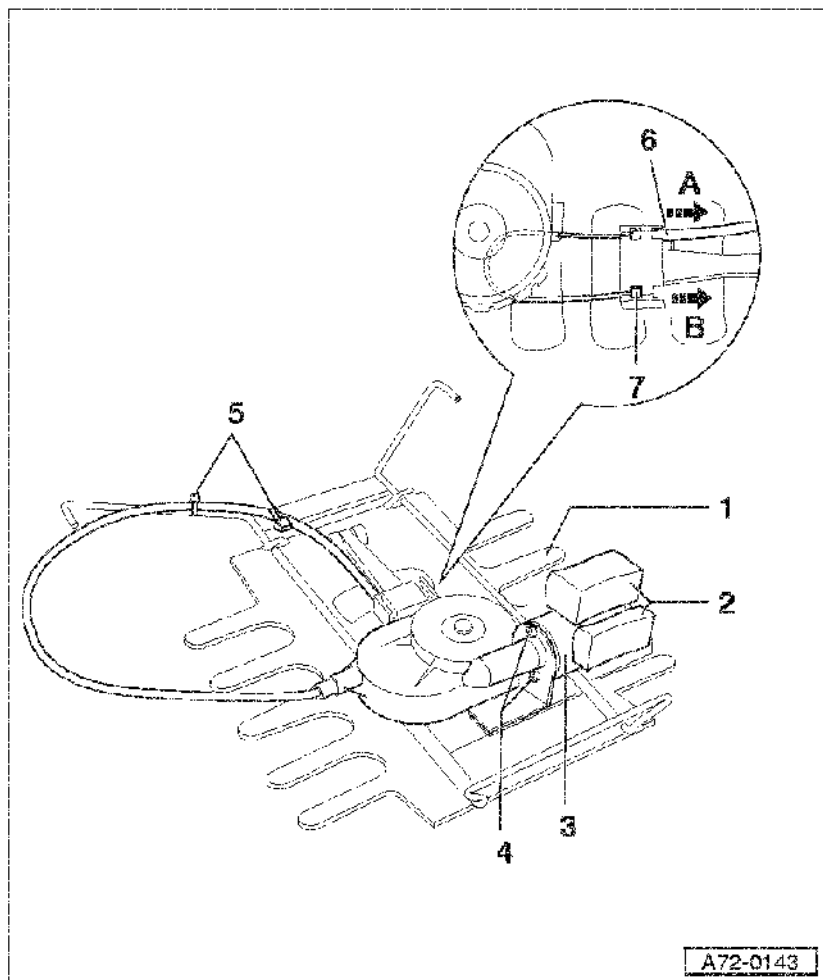
2 – Foam pads (2x)

- If not provided with replacement part detach pads from old motor and attach them to new one.

3 – Motor with gear unit and Bowden cable

- Remove the seat => Page 72-71
- Remove 2-way lumbar support => Page 72-101
- Cut cable ties -5- (2x).
- Squeeze lumbar support together.
- Pull out Bowden cable -6- in direction of arrow -A-.

72-102



- Disengage Bowden cable -6- at guide roller.
- Pull fastener -7- out of mount in direction of arrow -B-.
- Remove bolts -4- (2x).

4 - Bolts (2x)

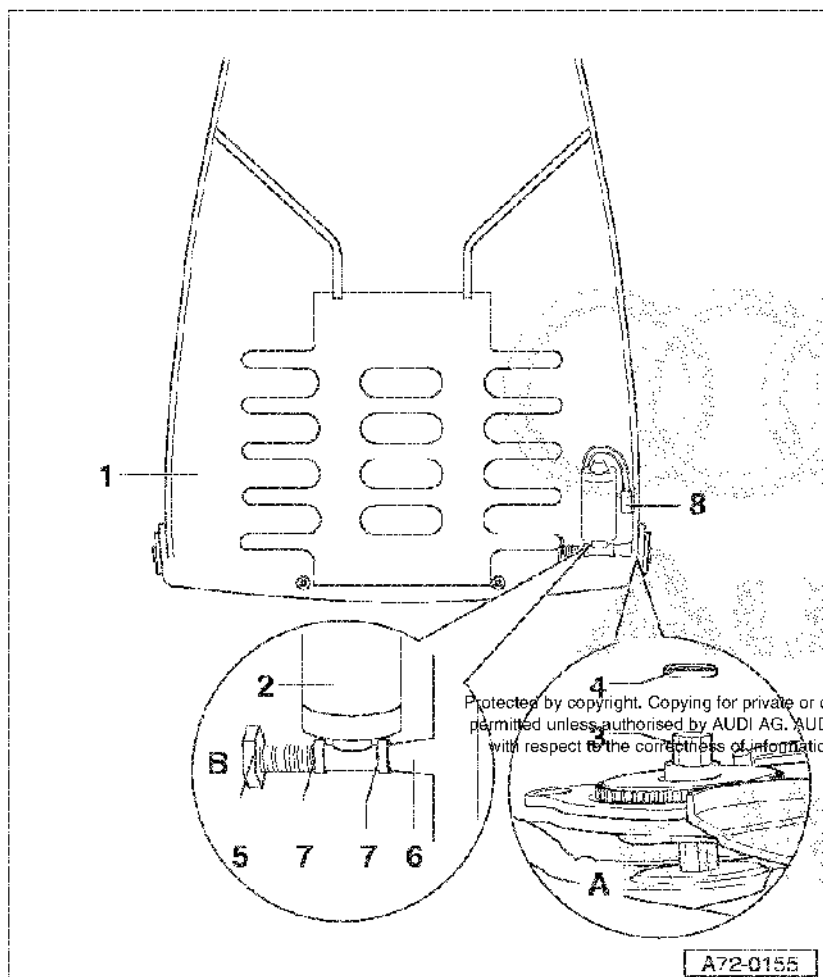
5 - Cable tie

6 - Bowden cable

7 - Retaining tabs

A72-0143

72-103



Removing and installing backrest motor with gear unit

Note:

For ease of illustration, Fig. only shows backrest.

1 - Backrest frame

2 - Backrest motor with gear unit

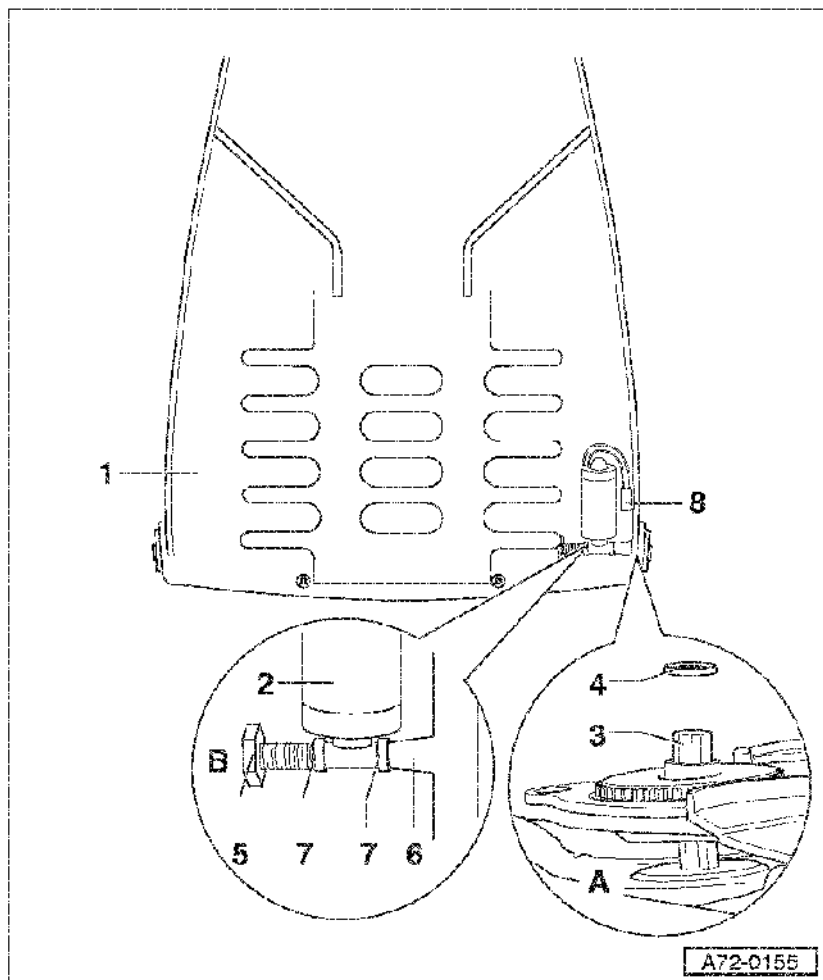
♦ Removing

- Raise seat as far as possible.
- Remove seat => Page 72-71
- Remove fitting panels => Page 72-91
- Remove upholstery from backrest => Page 74-16

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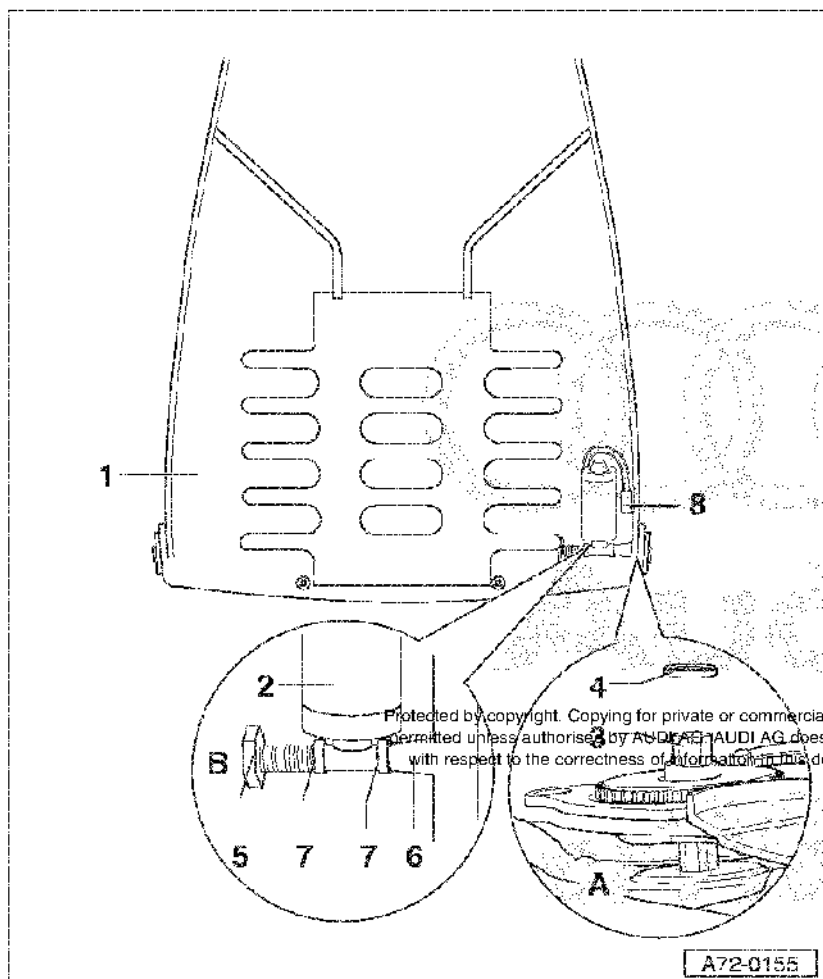
A72-0155

72-104



- Lever off lock washer -5- on backrest motor side, see detailed drawing -B-.
- Pull shaft out of backrest frame -1- until backrest motor -2- can be removed.
- Use side-cutting pliers to cut through cable ties at cable of backrest motor.
- Detach connector -8-.
- Detach bolt for backrest motor -5- from welded-on threaded bush -6-.
- Take out backrest motor -2-.

72-105



◆ Installing

- Push shaft -3- through backrest and backrest frame -1-.
- Fasten backrest motor -2- between two plastic washers -7- to threaded bush -6- with bolt -5-.
- Drive securing washer -4- onto shaft -3-.

3 – Shaft

4 – Locking plate

5 – Bolt

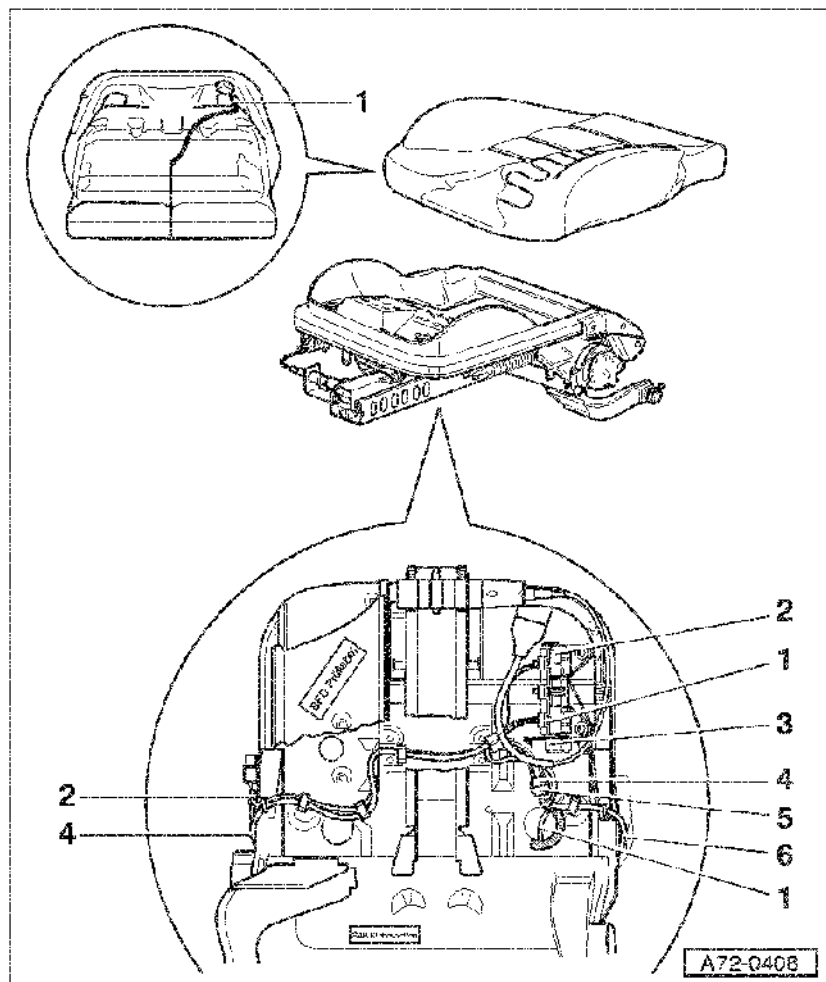
6 – Threaded bushing

7 – Plastic washer (2x)

8 – Connector

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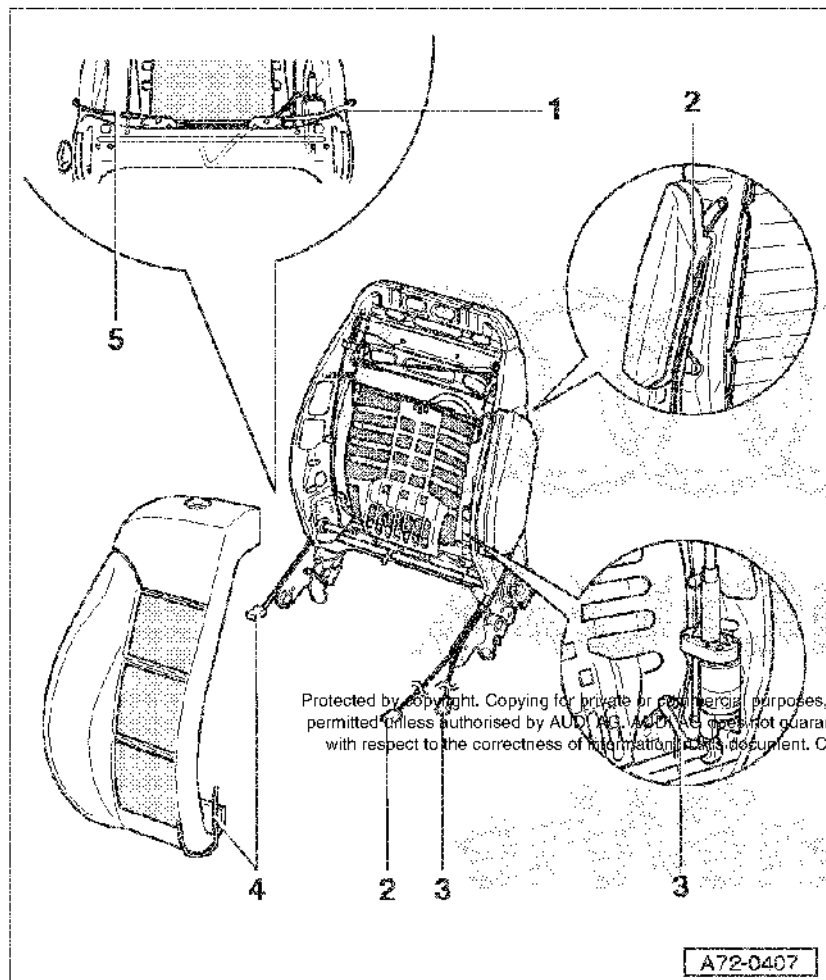
72-106



Seat wiring assignment

- 1 – Seat heater wiring harness, standard
- 2 – Electric lumbar support wiring harness, tunnel side
- 3 – Airbag wiring harness
- 4 – Backrest heating wiring harness
- 5 – Backrest heater connector, standard
- 6 – Wire for backrest heating

72-107



Backrest wiring assignment

- 1 – Wire for backrest heating
- 2 – Airbag wiring harness
- 3 – Electric lumbar support wiring harness for 4-pin side airbag
- 4 – Backrest heater wiring harness, standard
- 5 – Electric lumbar support wiring harness, tunnel side

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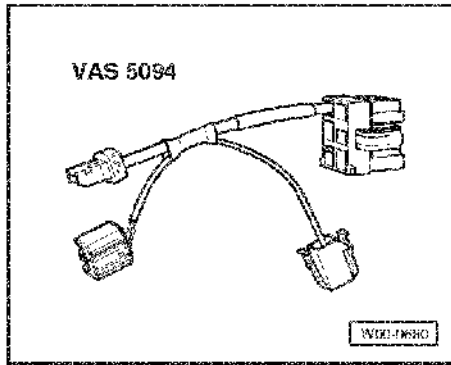
72-108

Recaro seat

Tools

- ◀ Special tools, workshop equipment, test equipment and auxiliary items required

Airbag adapter VAS 5094



72-109

Removing and installing front seat cover

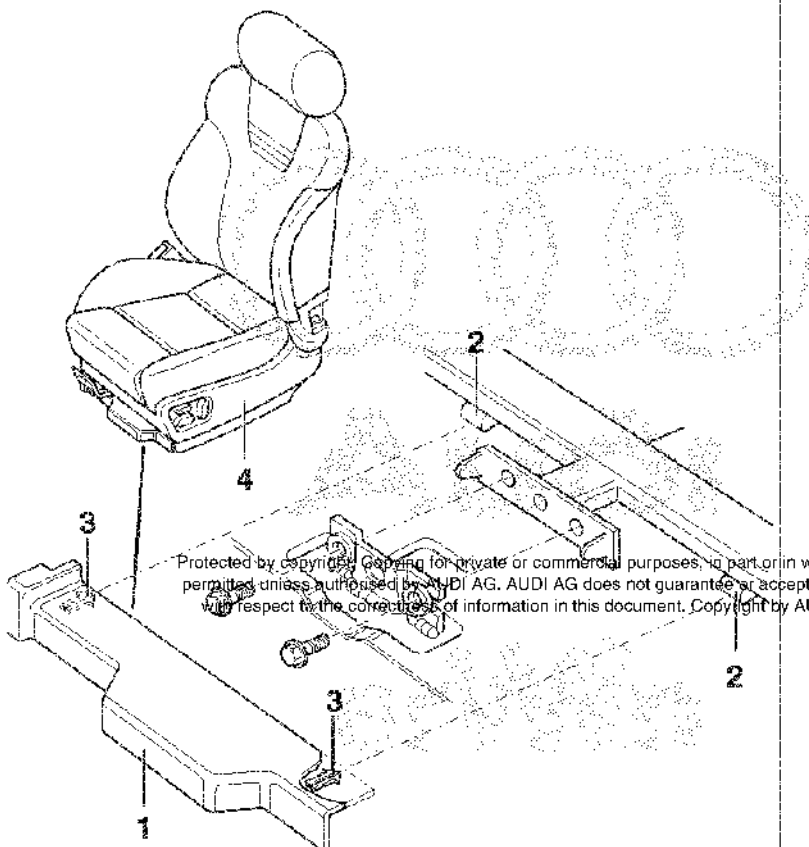
1 – Front cover

◆ Removing

Note:

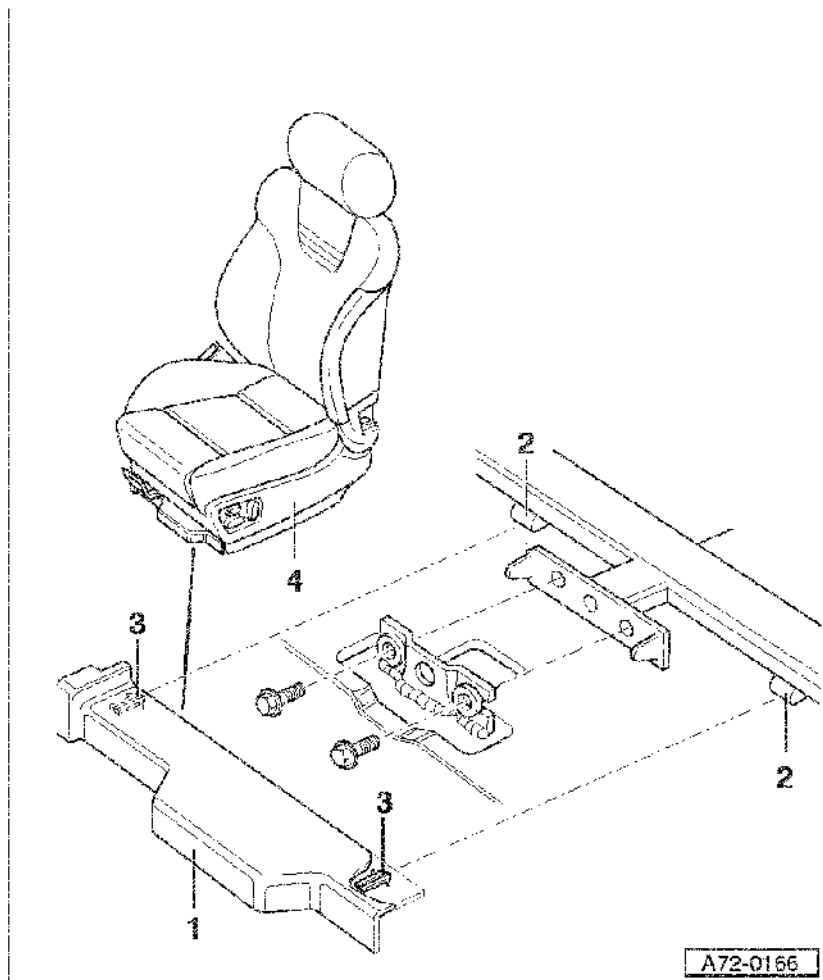
Exercise particular caution on inboard side to ensure retainer tab on cover is not damaged. If retainer tab is damaged, replace cover.

- Grip underside of front cover -1- and carefully compress lugs -3- until they disengage from mounts -2-.
- Detach front cover -1-.



A72-0166

72-110



◆ Installing

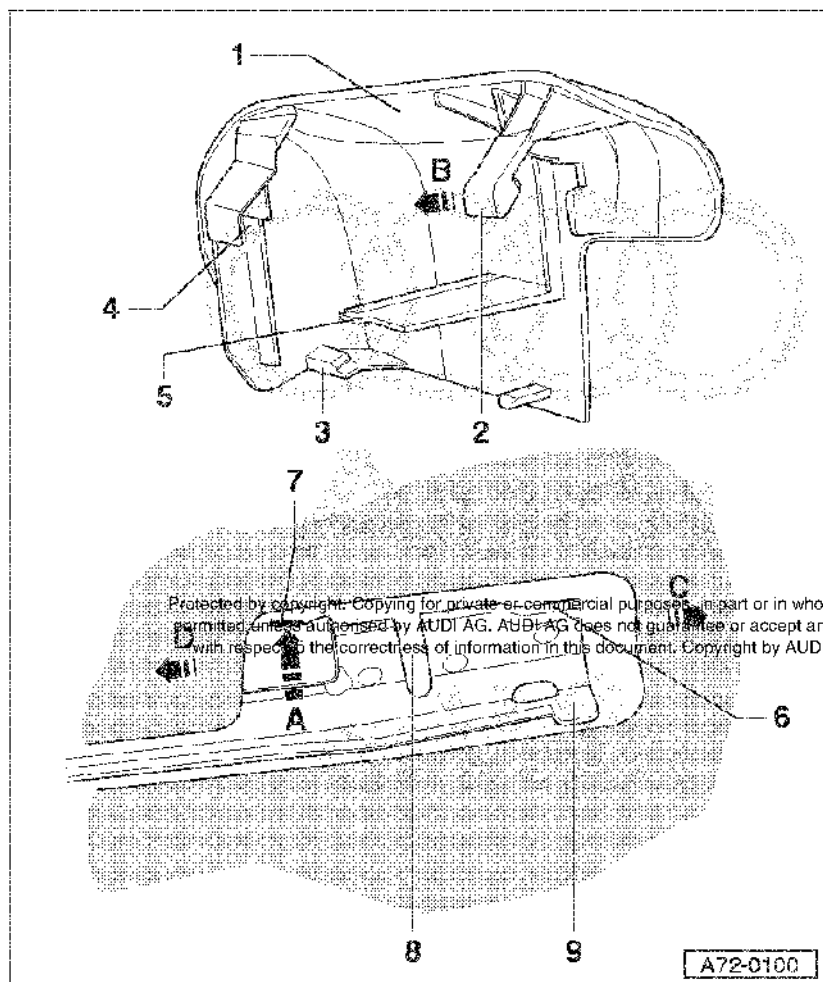
- Compress retainer tabs -3- on front cover -1- such that they can be inserted in mounts -2-.
- Insert cover -1- by knocking lightly so that it engages.

2 – Mounts for retainer tab

3 – Retainer tab

4 – Seat

— 72-111 —



Removing and installing rear cover on front seat rail (inboard side)

1 – Cover (inboard side)

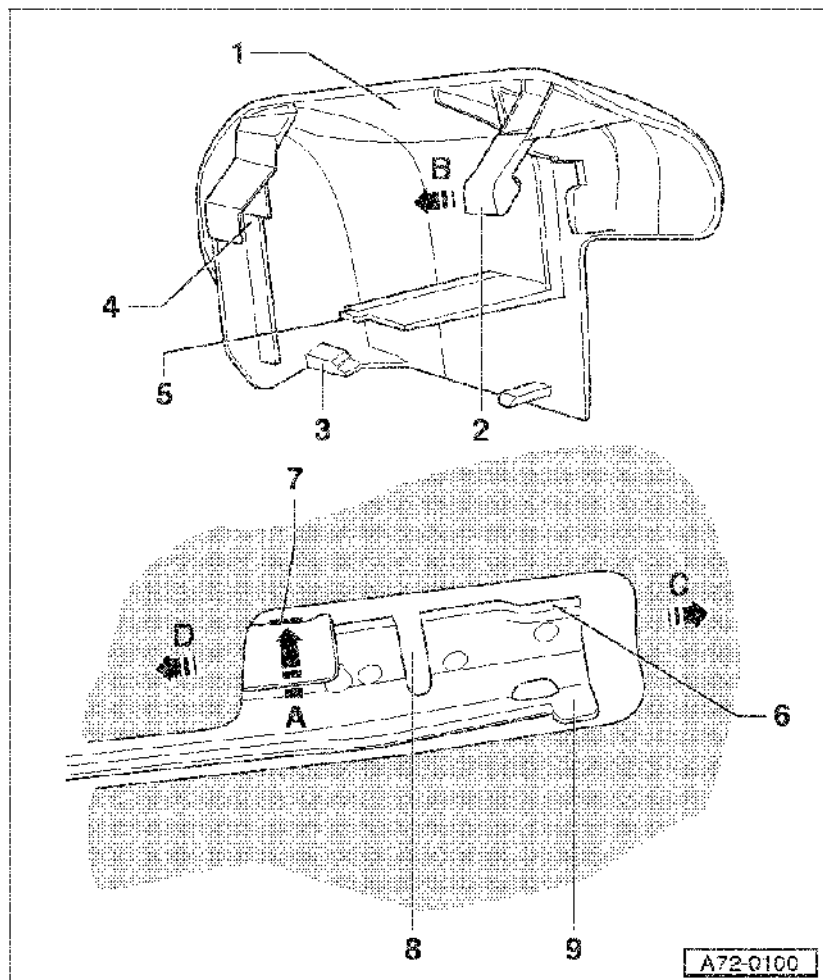
◆ Removing

- Push one finger underneath cover inboard side -1- (direction of arrow -A-) and press the retainer tab -2- in direction of arrow -B-.
- At the same time pull front cover inboard side -1- in direction of arrow -C-.

◆ Installing

- Enter the cover inboard side -1- press onto carpet and at the same in direction of arrow -D-.
- Enter guides -4- into guide rail -6-.

— 72-112 —



- The retainer tabs -3- and -5- must engage in the metal tab -9- and the mount -8-.
- Press in cover inboard side -1- until the locking lug -2- engages in cut-out.

2 – Retainer tab

3 – Retainer tab

4 – Guide

5 – Retainer tab

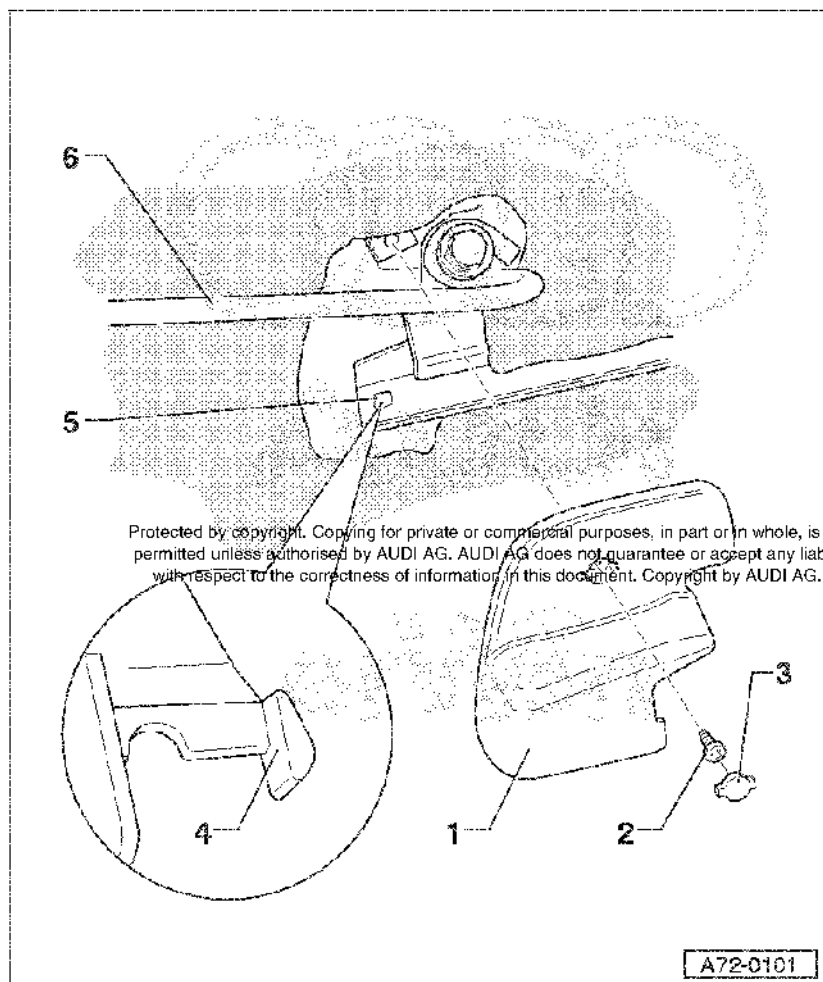
6 – Mounting

7 – Cut-out

8 – Mounting

9 – Metal tab

72-113



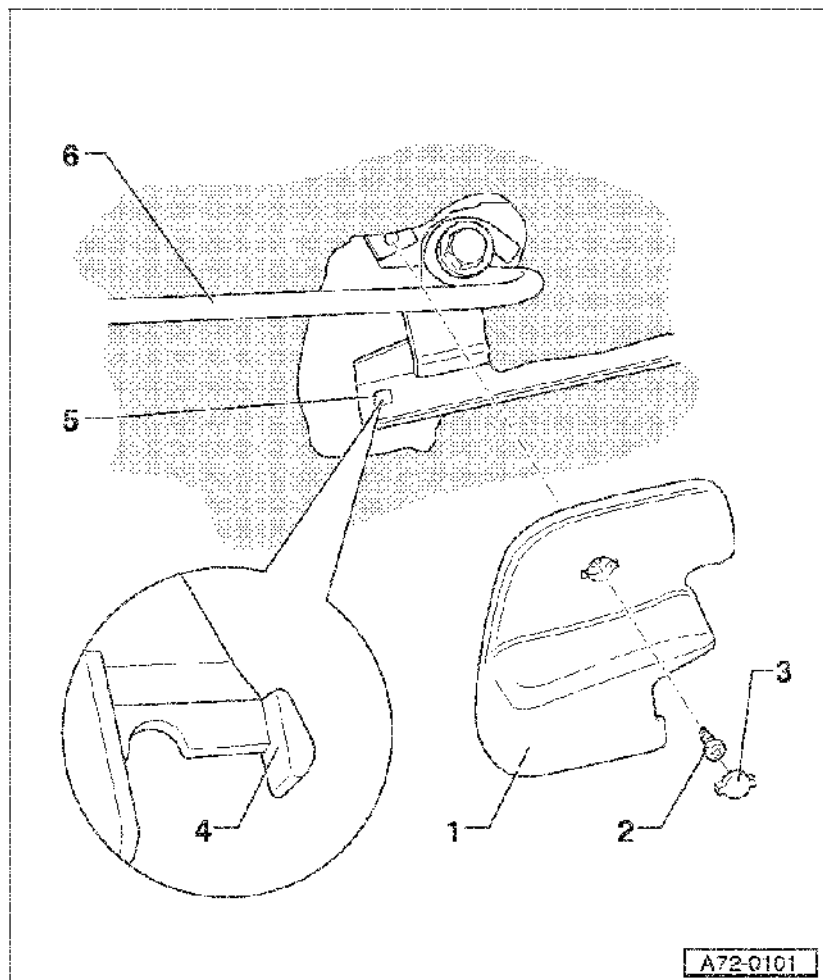
Removing and installing rear cover on front seat rail (outboard side)

1 – Cover (outboard side)

◆ Removing

- Lever out cover cap -3- with a screwdriver.
- Unscrew bolt -2-.
- Pull outboard side cover -1- towards the top with the retainer tab -4- from the mounting -5-.
- Pull outboard side mounting -1- to bottom behind the belt guide.

72-114



◆ Installing

- Push outboard side mounting - 1- from bottom behind the belt guide.
- Engage locking lug -4- into mounting -5-.
- Screw in bolt -2-.
- Clip in cover cap.

2 – Bolt (1x)

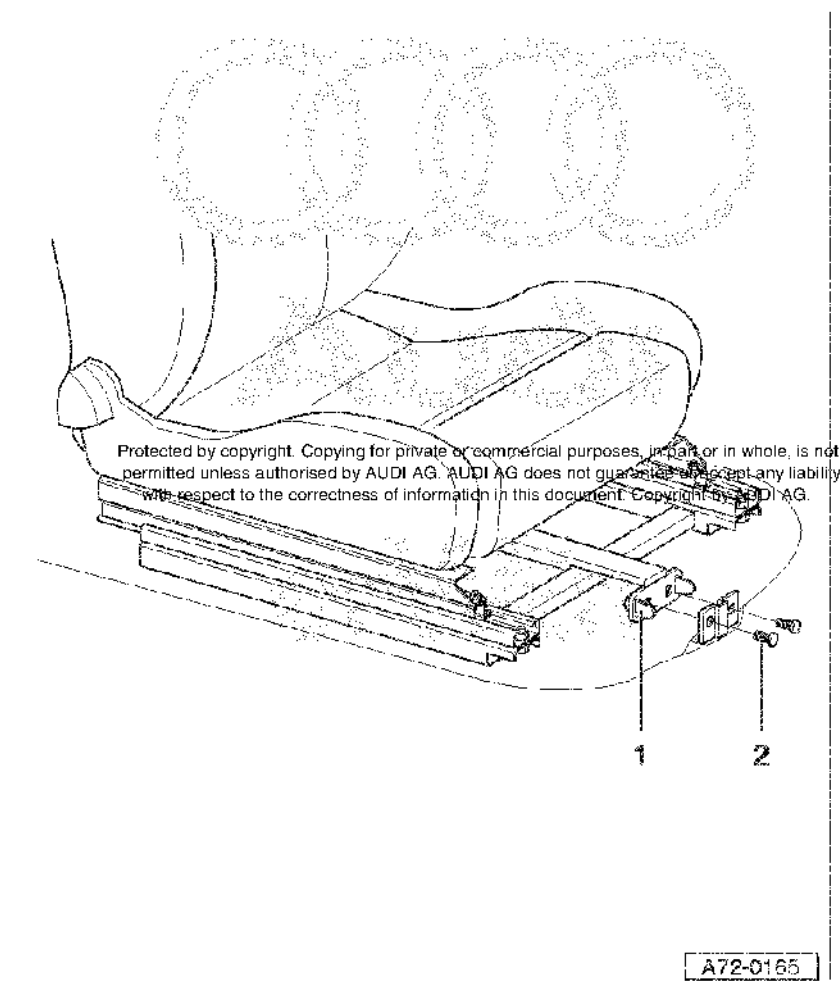
3 – Trim cap

4 – Retainer

5 – Mounting

6 – Belt guide

— 72-115 —



Removing and installing Recaro seat

Important

- ◆ Observe safety precautions for working on airbag =>
- ◆ Observe seat installation instructions for vehicles with side airbag Page 72-119

Notes:

- ◆ The removal and installation procedures may have to be modified slightly depending on equipment versions.
- ◆ On vehicles with memory seat and electric seat, run the seat all the way to the rear and to the top height setting before disconnecting battery.
- ◆ Obtain radio code before disconnecting battery.

— 72-116 —

Important

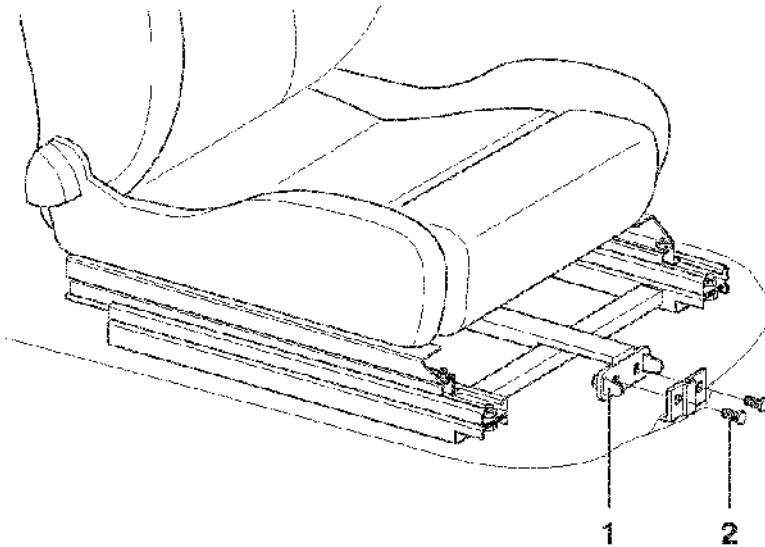
Before removal of seat: Detach battery earth strap.

1 – Tab

2 – Bolts (2x)

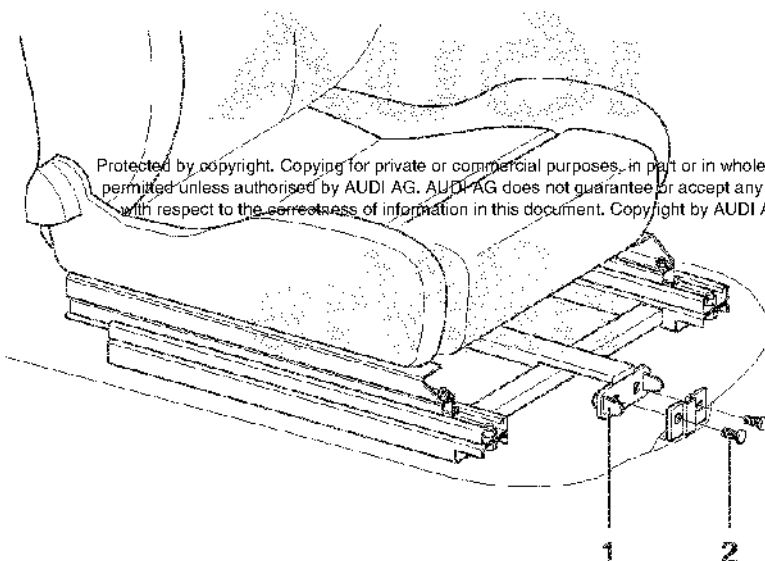
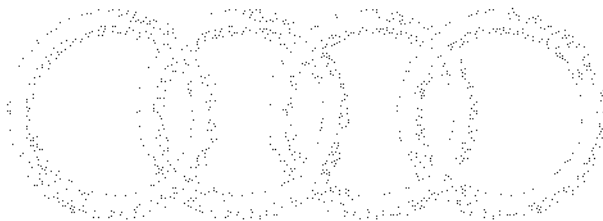
Removing

- Push seat forwards.
- Removing front seat rail rear cover (outboard side) => Page 72-114
- Removing front seat rail cover behind inboard side => Page 72-112
- Push back seat.



A72-0165

72-117

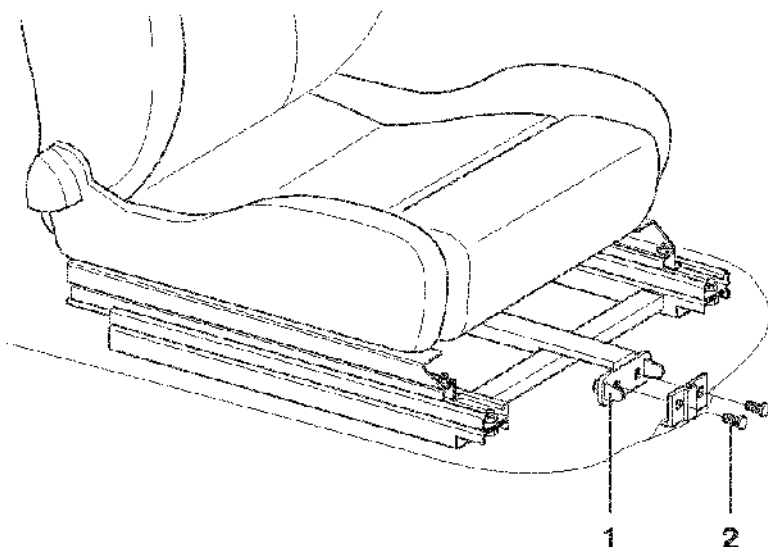


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A72-0165

- Remove front seat cover => Page 72-110
- Remove bolts -2- between seat and vehicle on the tab -1- at the front of the underside of the seat.
- Fold front seat upwards.
- On vehicles with heated seat, unplug connector.
- On vehicles with side airbag, unplug connectors for side airbag unit and seat occupied sensor.
- Connect airbag adapter VAS 5094 => Page 72-120
- Push the seat backwards out of the rails on the vehicle floor.
- Lift seat out of vehicle.

72-118



A72-0165

Installing

Installation is carried out in the reverse order; note the following:

Vehicles with side airbag:

- Switch ignition on.

Important

There must be no-one in the vehicle when the battery is being connected.

- Connect battery earthing strap.

72-119

Connecting airbag adapter VAS 5094

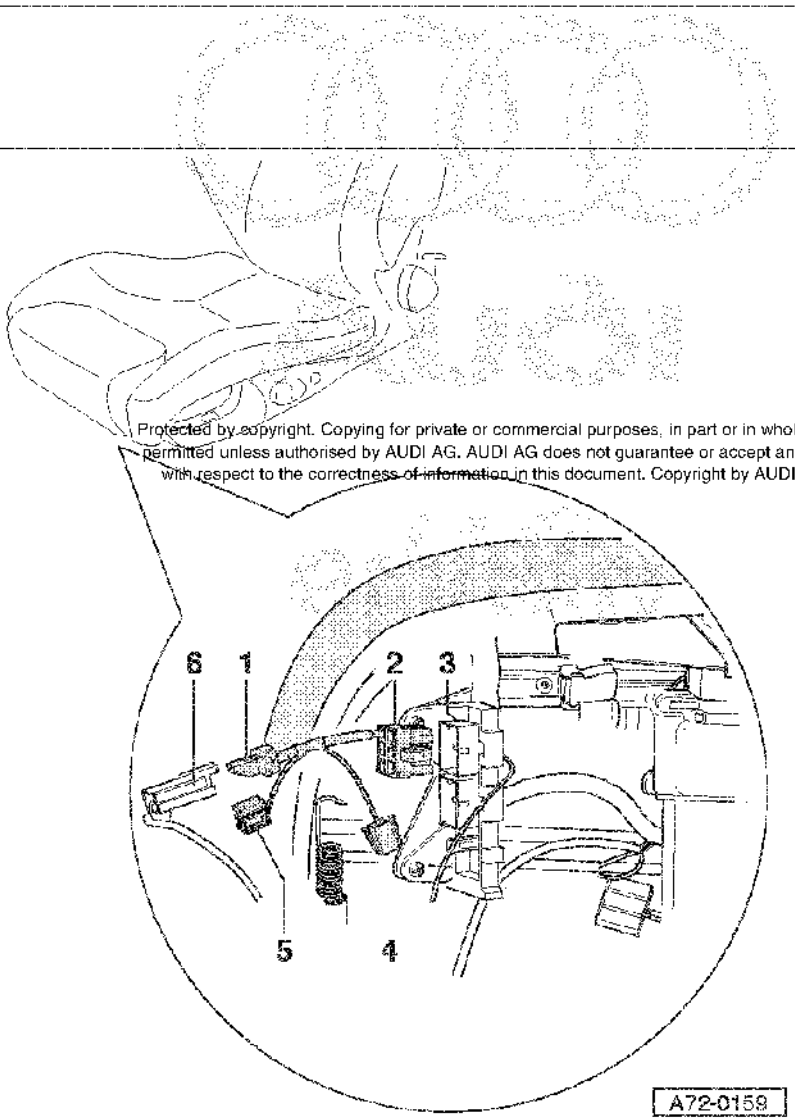
Note:

The mechanic must electrostatically discharge him/herself before disconnecting ignition and earth wires (briefly touch closing wedge for door or body).

- Detach ignition and earth wires from side airbag up to MY 1998 => Fig. 1
- Detach ignition and earth wires from side airbag as of MY 1999 => Fig. 2

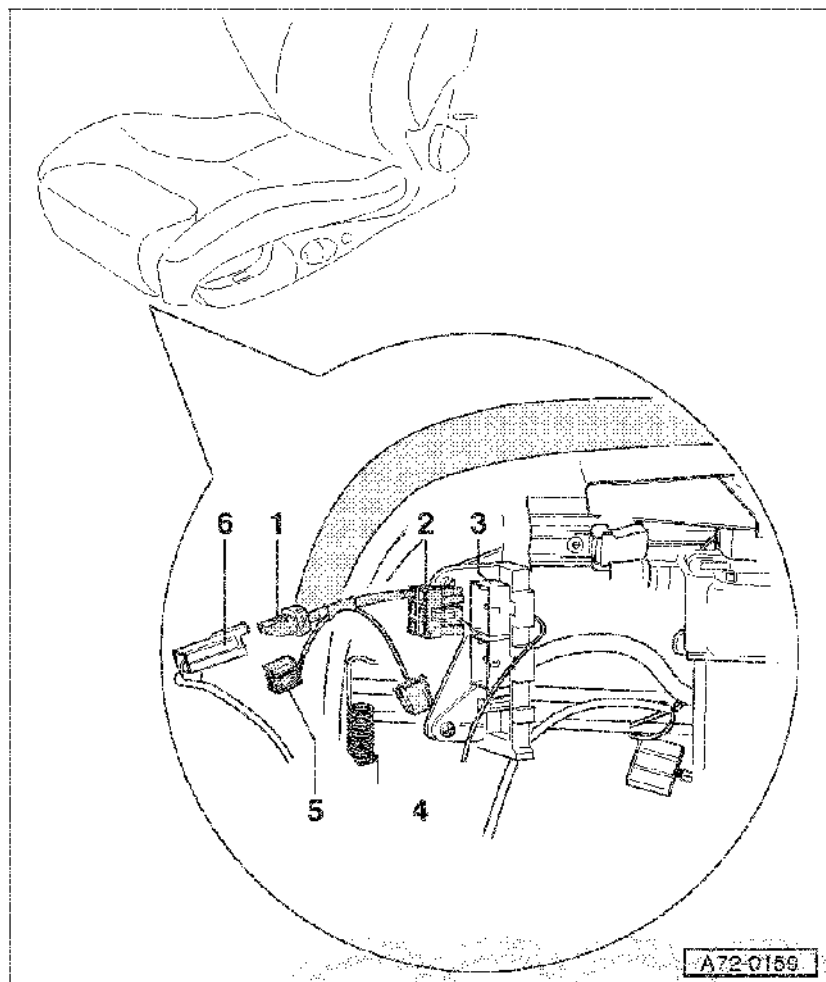
◆ For vehicles from model year 1999 onwards:

- Attach connector -2- (airbag adapter VAS 5094) to connector housing -3-.
- Connect ignition wire -6- for airbag module to connector -1- (airbag adapter).



A72-0159

72-120



◆ For vehicles from model year 1999 onwards:

- Attach connector -5- to igniter wiring -6-.
- Leave connectors -1- and -2- free.

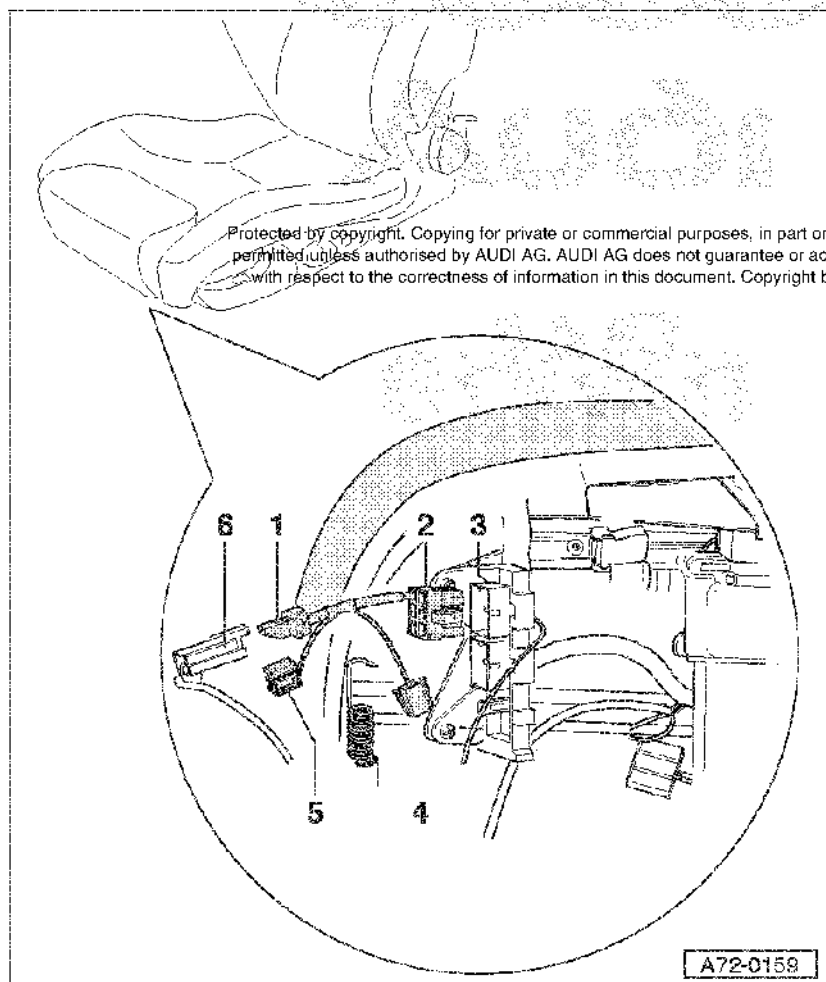
◆ For all vehicles:

- On vehicles with heated seat, unplug connector.
- Cover floor covering at rear around guide rail.
- Push seat backwards out of guide.
- Lift seat out of vehicle.

Important

The airbag adapter VAS

72-121



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1 – Airbag adapter igniter wire connector

2 – Airbag adapter plug earthing wiring Audi A6 1998, Audi A4 1995 > up to 1998 and Audi A3 1997 > up to 1998

3 – Earth wire connector from airbag module

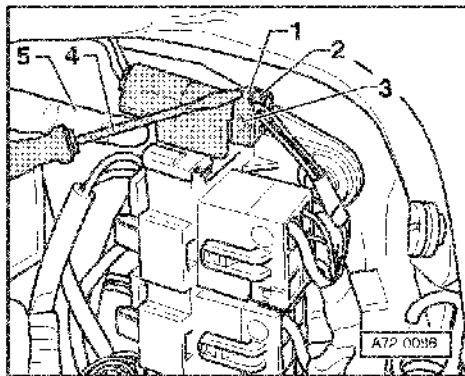
4 – Airbag adapter – Plug earth wiring (Golf 1991 >)

5 – Earth wire for airbag adapter connector, Audi A6 1999 >, Audi A4 1999 > and Audi A3 1999 >

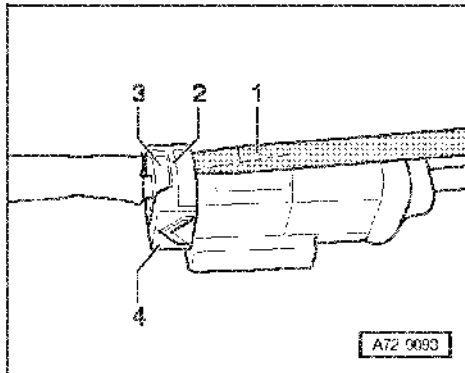
6 – Igniter wire connector from airbag module

72-122

Fig.1 Detaching connector for side airbag



- ◀ - With a screwdriver -4- lever out plug -1- of side airbag over the locking tab -2- and pull out plug in direction of arrow -3-.
- Should you not be able to lever out the side airbag connector with a screwdriver, press the locking lug on the side airbag connector sideways with your fingers -5-.
- At the same time, pull connector for side airbag towards the front with the other hand.



- ◀ - With a screwdriver -1- lever out catch -2- via the retainer tab-3- and detach connector -4-.



72-123

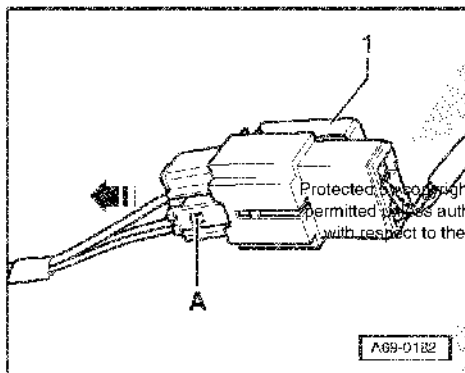


Fig.2 Detaching connector for side airbag as of MY 1999

- ◀ - Press release -A- and unplug connector in direction of arrow.

Notes:

Installation is in reverse order.

◆ After connecting the battery, please ensure that the vehicle accessories (radio, clock, electric window lifters) are checked according to workshop manual and/or operating instructions.

◆ If the fault warning light (K 75) for airbag signals a fault after assembly the fault memory must be erased and again be interrogated by using fault reader V.A.G 1551.

= > Body Self-diagnosis; Repair group 01 = >

Removing and installing backrest

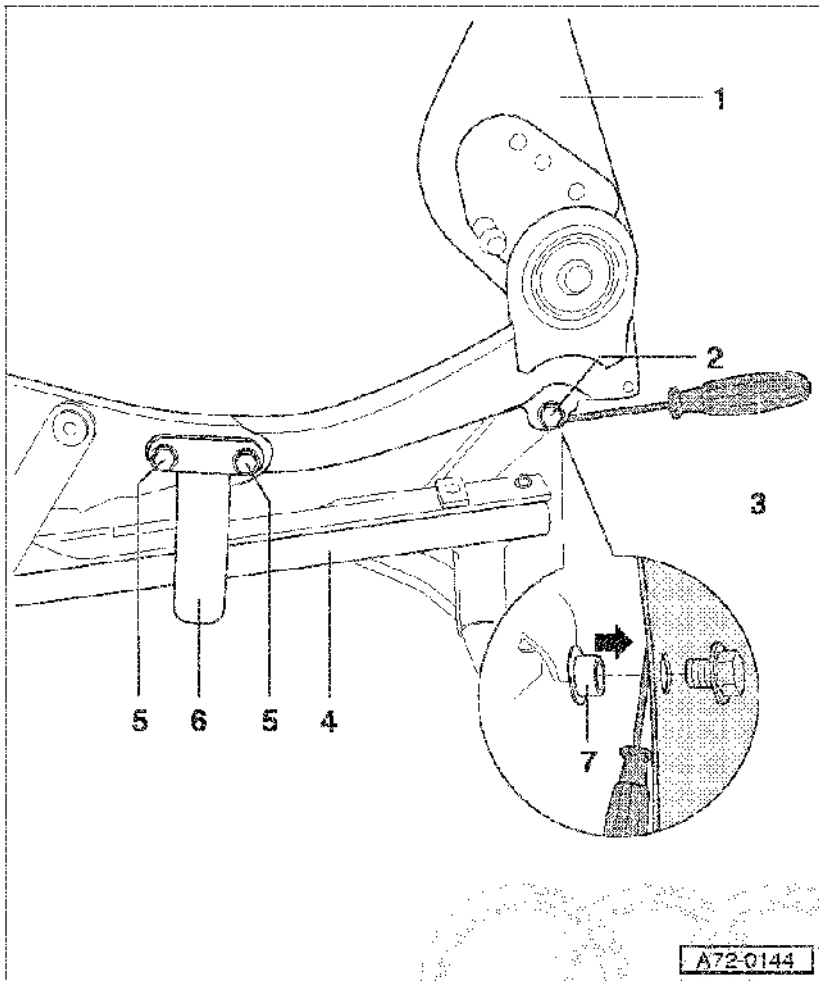
Note:

For ease of illustration the seat is shown without upholstery and from outboard side.

1 – Backrest frame

◆ Removing

- Remove the seat => Page 72-116
- Remove seat side panel => Page 72-136
- Remove seat cushion => Page 72-130
- Disconnect backrest heating cable => Page 74-43
- Detach lilac/yellow cable of side airbag => Page 69-108
- Remove bolts -2- (2x).
- Unscrew bolts -5- (4x).
- Use screwdriver -3- to lever out backrest frame -1- at retainer points.



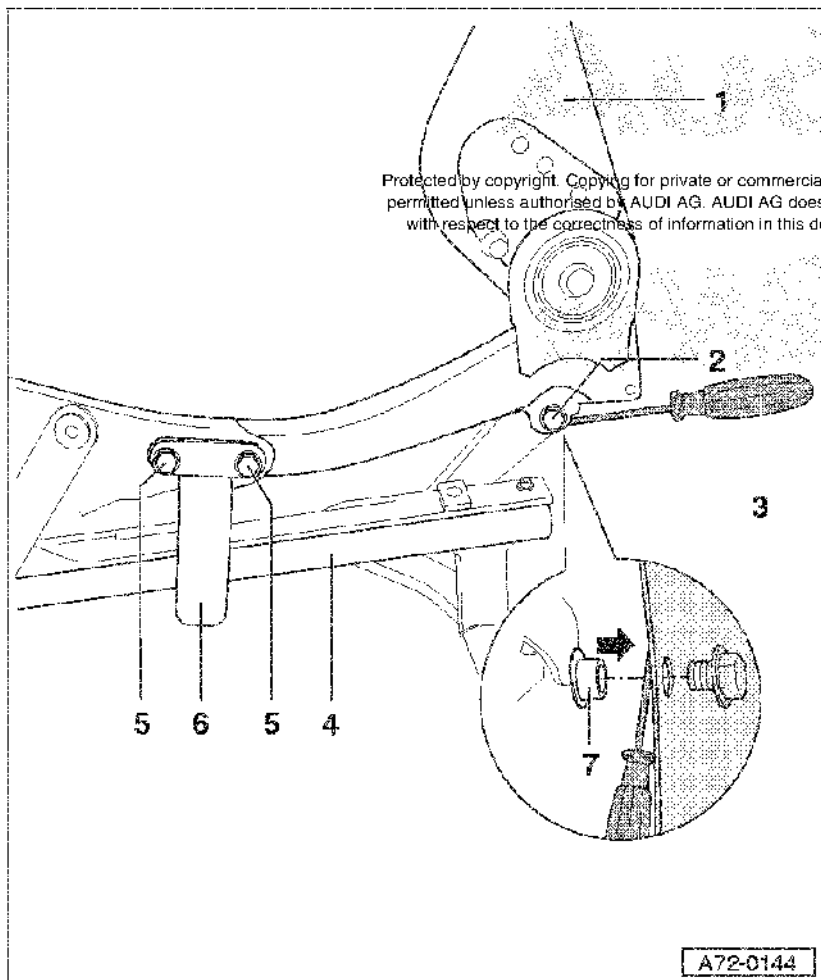
72-125

◆ Installing

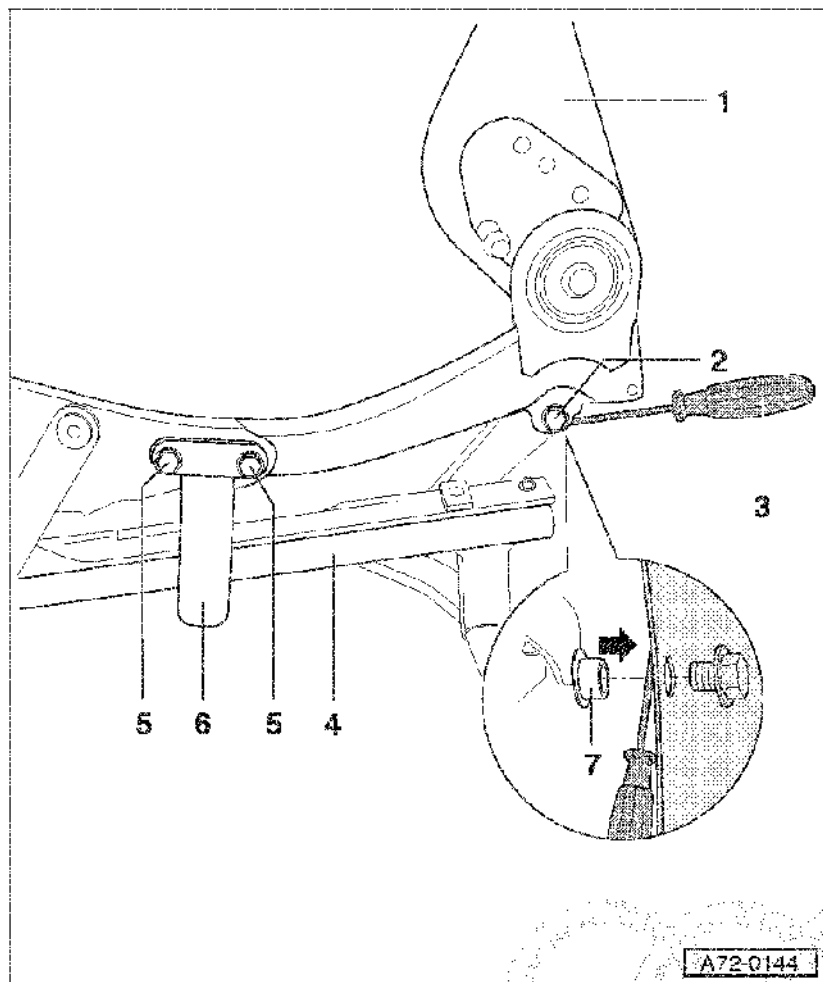
Note:

Always replace bolts -2- and -5-.

- Insert retainer bush -7- on either side at rear retainer points in backrest such that collar faces inwards.
- Insert backrest frame -1- into seat frame -4- from rear.
- Insert bolts -2- and -5- without tightening them.
- Tighten bolts -2- and -5-.



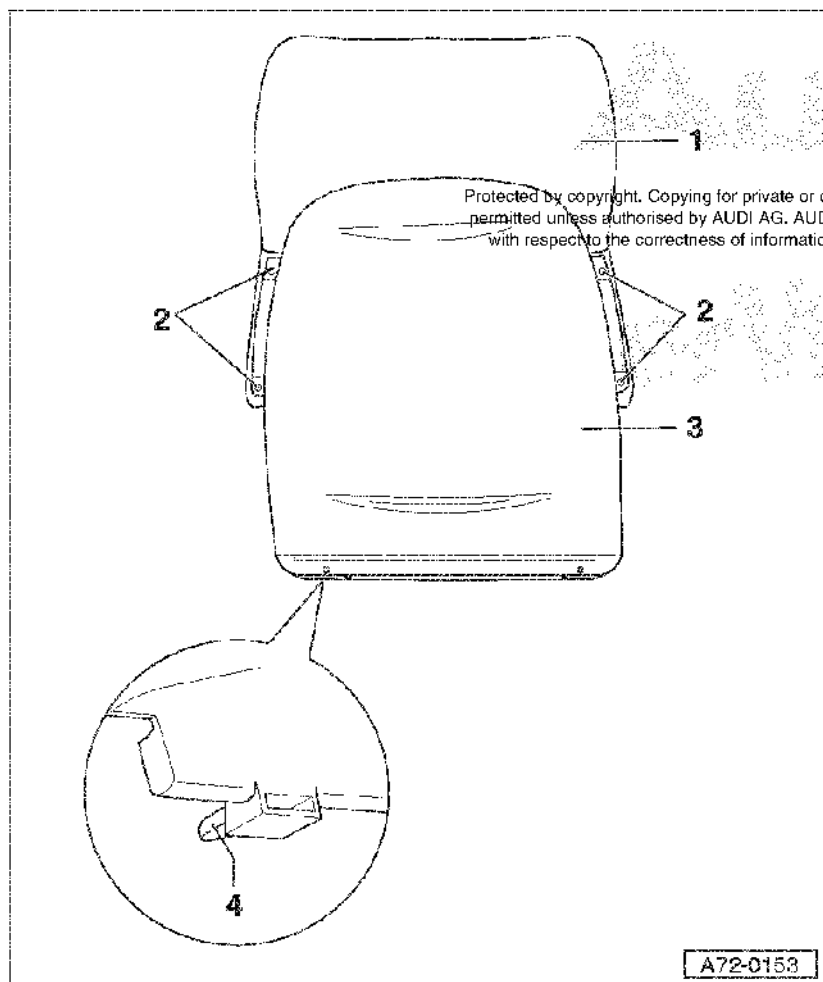
72-126



- 2 – Bolts (2x)**
 - Tightening torque 23Nm
- 3 – Screwdriver**
- 4 – Seat frame**
- 5 – Bolts (4x)**
 - Tightening torque 23Nm
 - ♦ Sill side longer than tunnel side.
- 6 – Bracket**
 - ♦ Sill side only.
- 7 – Retainer bush (2x)**

A72-0144

72-127



Removing and installing backrest shell

1 – Backrest

2 – Bolts (4x)

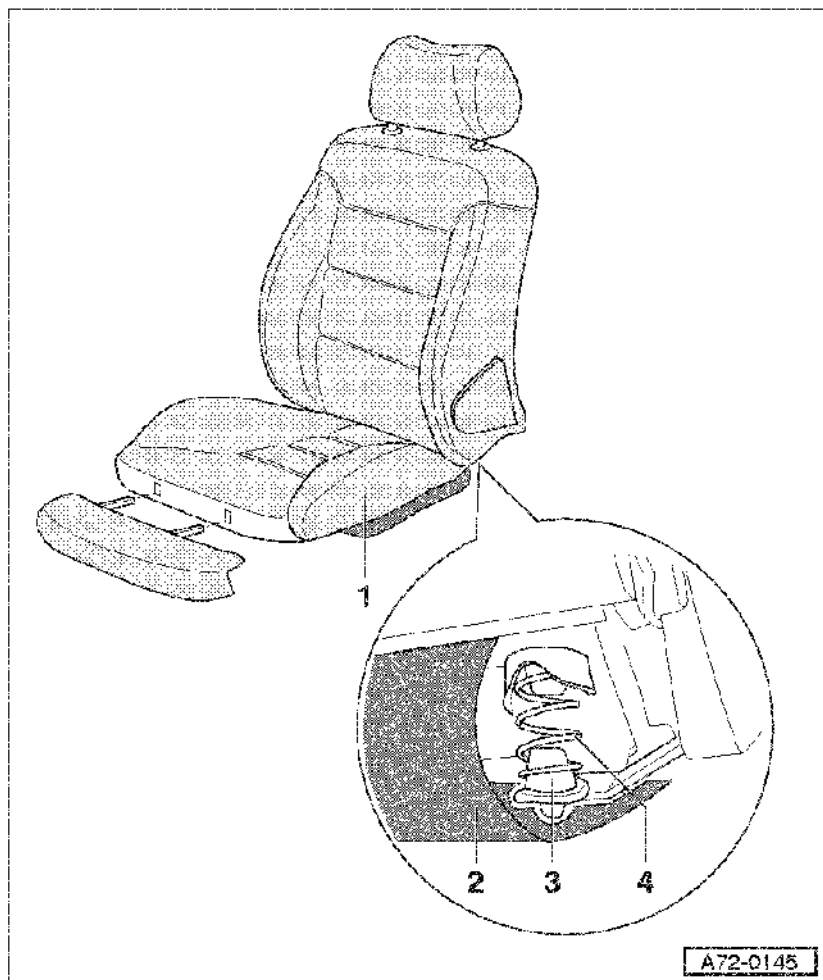
3 – Backrest shell

♦ Removing

- Raise seat as far as possible.
- Remove seat => Page 72-116
- Remove fitting panels => Page 72-147
- Remove side airbag-module => Page 69-108
- Remove upholstery from backrest => Page 74-32
- Remove spring cover => Page 72-149
- Slacken off bolts -2- (4x) on side of backrest shell -3-.

A72-0153

72-128



- If fitted, detach cushion cables (heating, seat occupied sensor).
- Fold up cushion -1- at front.
- Pull out cushion -1- at front.

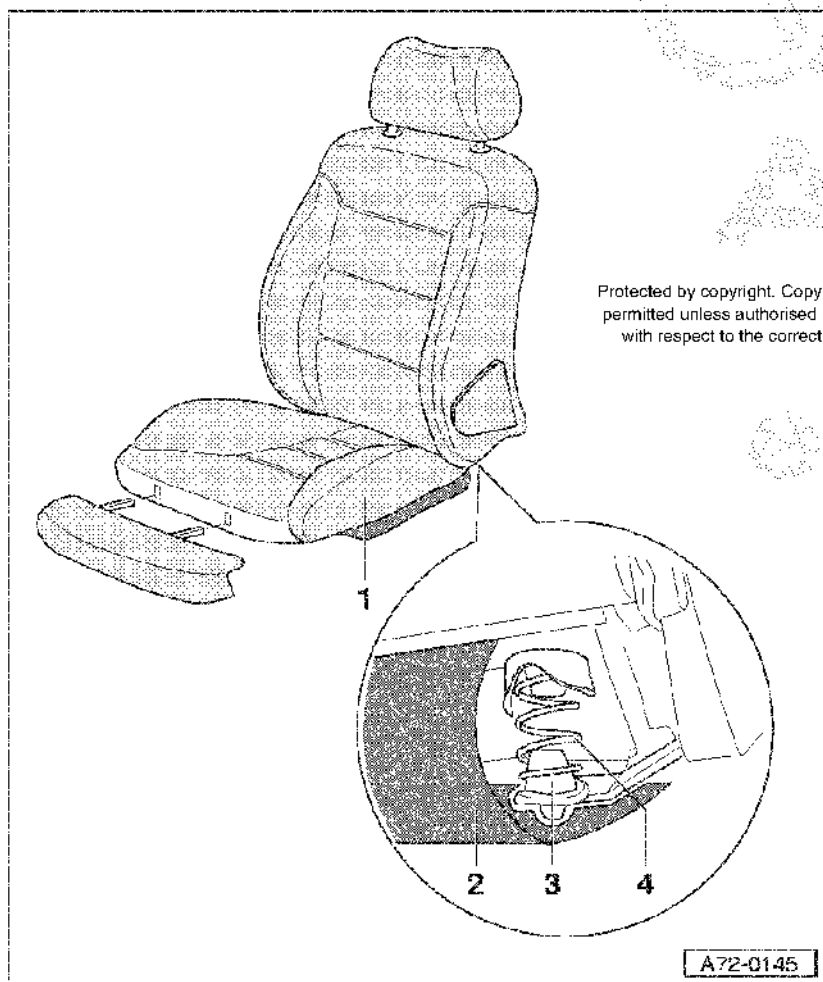
Note:

The two seat springs and the corresponding rubber buffers at the rear between cushion and backrest drop out automatically on removal.

◆ Installing

- Ensure rubber buffers -3- are properly positioned in mounts at backrest.
- Insert springs -4- in cushion.
- Route cover for electrics -2- through between backrest and seat frame.

72-131



- Insert seat cushion -1- so that springs -4- rest on rubber buffers -3- on the backrest.
- Push seat cushion -1- towards the rear.
- Press down cushion -1- at front.
- If applicable, reconnect cushion cables.

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- 2 – Cover for electrics
- 3 – Rubber buffer (2x)
- 4 – Springs (2x)

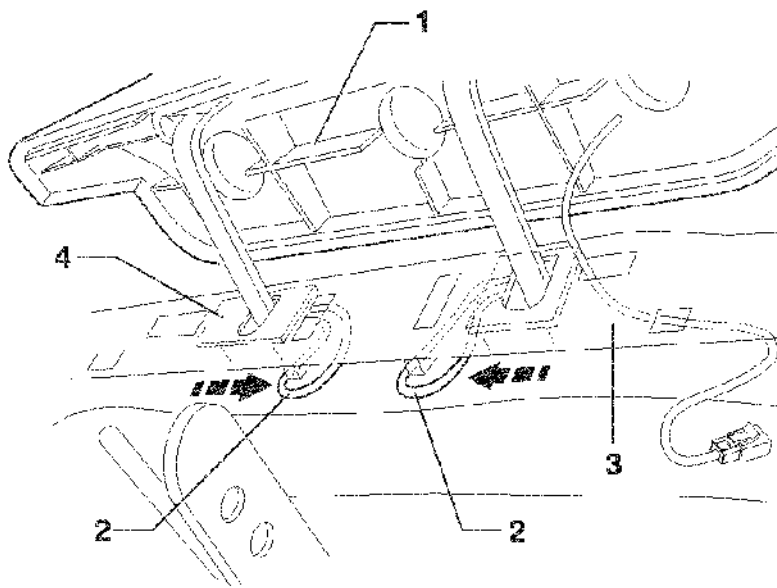
72-132

Removing and installing seat extension

1 – Seat extension

◆ Removing

- Raise seat as far as possible.
- Remove seat => Page 72-116
- Use pliers or screwdriver to press the two springs -2- inwards (arrow).
- Remove seat height adjuster unit -1-.
- If fitted, detach heating connectors on both sides.
- Fold up front trim panel -3- and route cables through.



A72-0142

72-133

2 – Springs (2x)

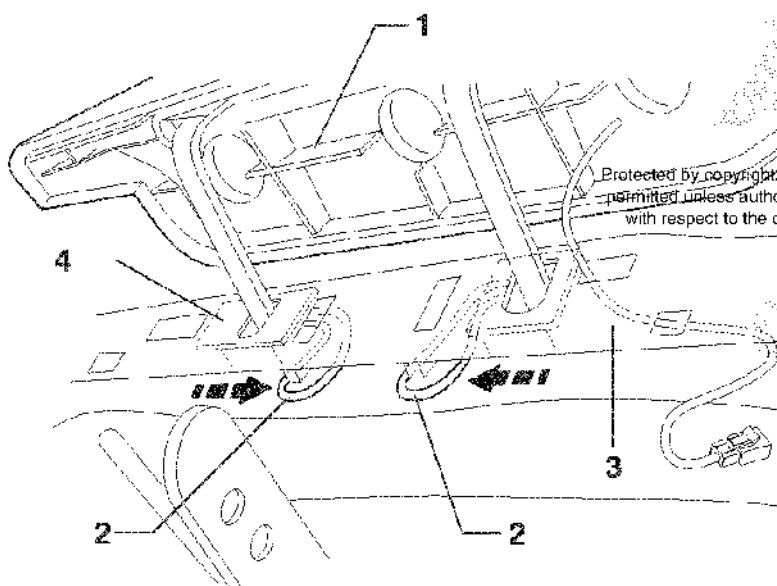
3 – Front trim panel

◆ Removing

- If necessary, (e.g. when removing cushion) detach trim panel completely.

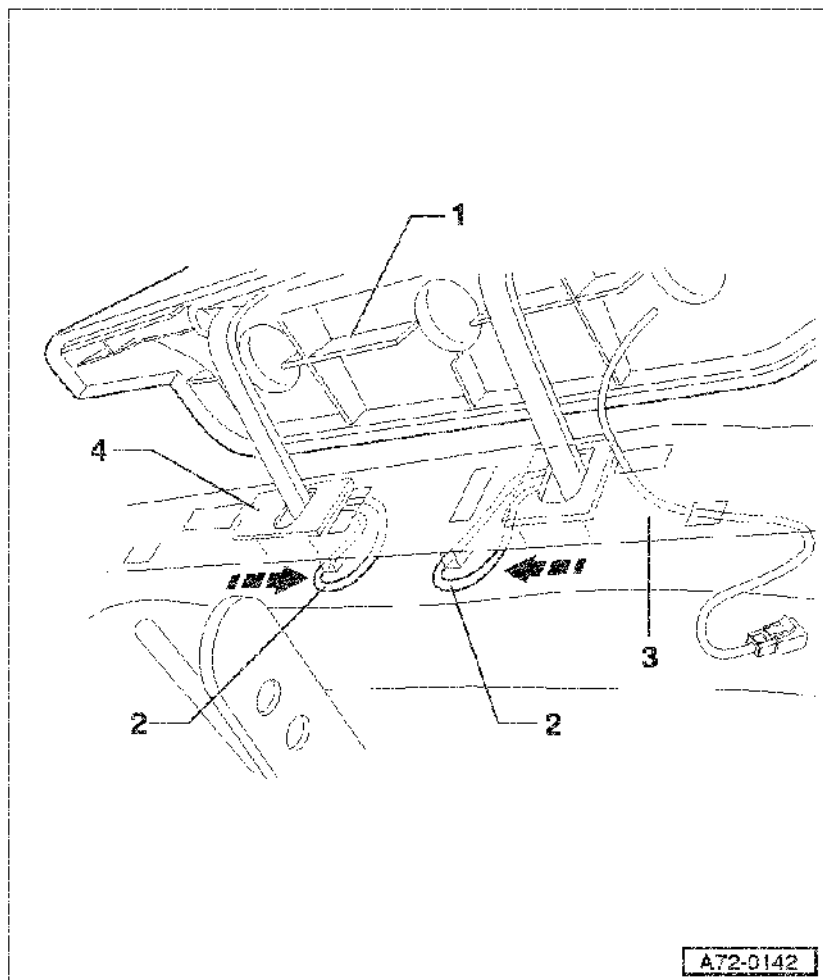
◆ Installing

- Route connectors of seat heating cable on either side through holes in trim panel -3- and insert connectors.
- Attach trim panel.



A72-0142

72-134



4 – Guide sleeves (2x)

◆ Removing

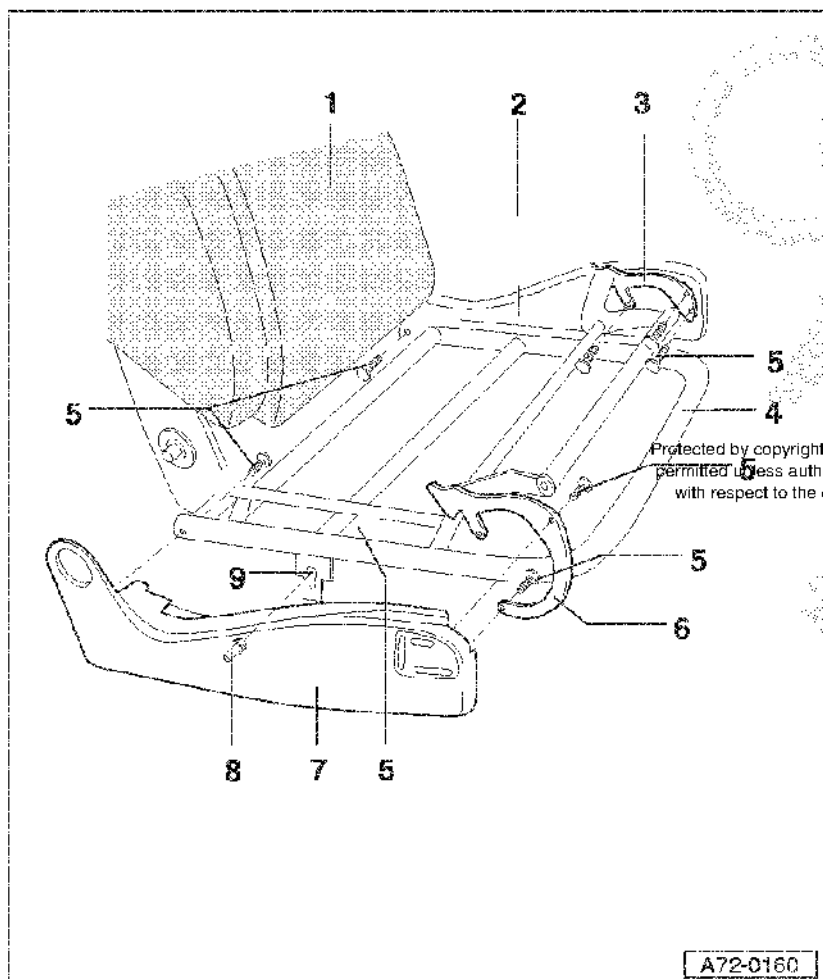
- If necessary, (e.g. when removing cushion) squeeze guide sleeves -4- together using gripping pliers and pull out guide sleeves.

◆ Installing

Note:

Always replace the two guide sleeves when installing.

72-135



Removing and installing seat side panels

1 – Backrest

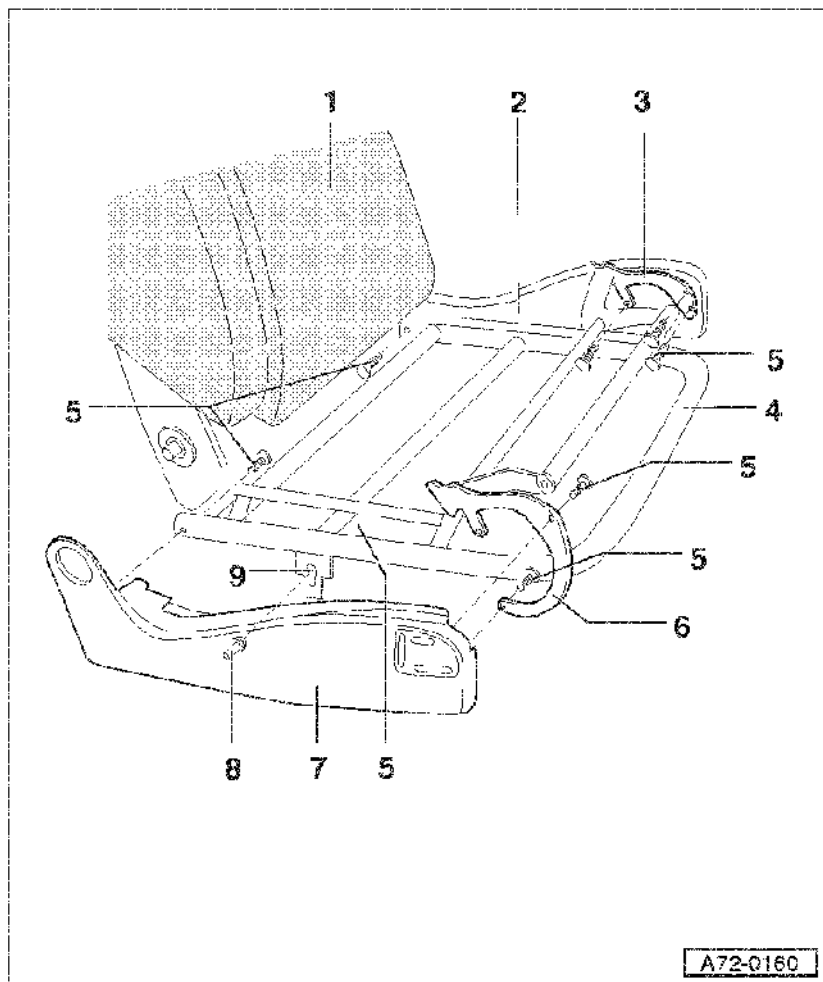
2 – Seat side panel, tunnel side

Note:

Removal of seat side panel on tunnel side does not involve detaching any electrical connections. Otherwise, removal is similar to removing seat side panel on sill side.

Only the seat side panel on the sill side has a locking pin in addition to the 3 bolts; the seat side panel on the tunnel side is secured with 4 bolts.

72-136

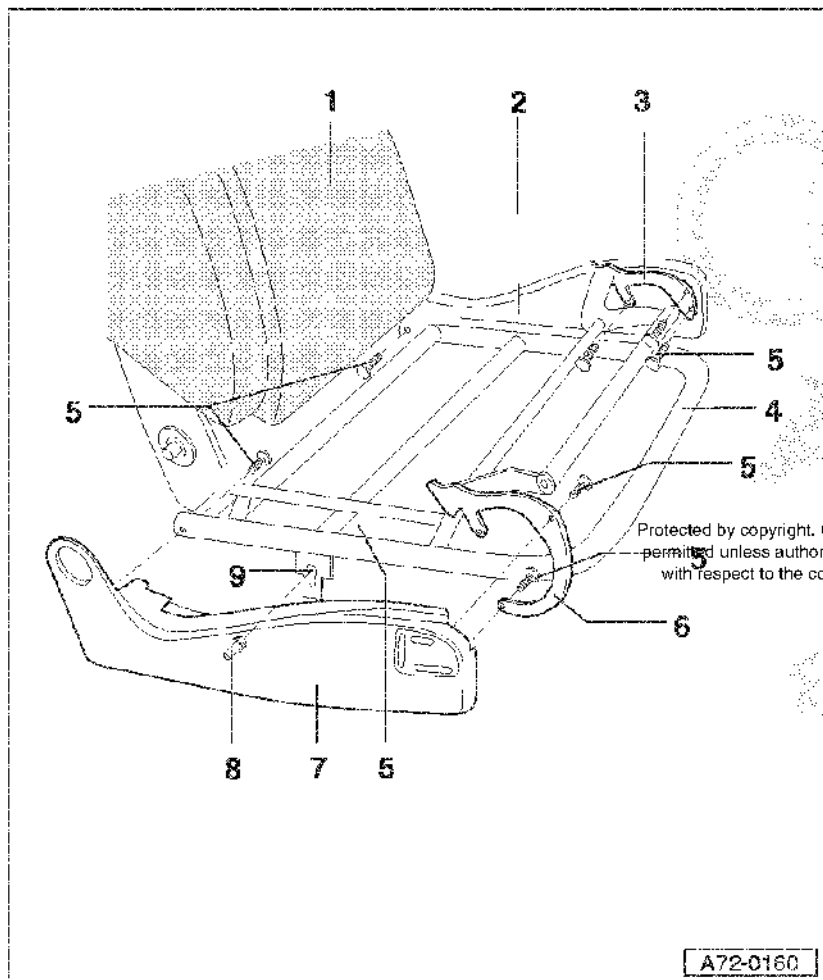


- 3 – Bracket for seat side panel, tunnel side
- 4 – Seat frame
- 5 – Bolt (4x per trim panel)
- 6 – Bracket for seat side panel, sill side
- 7 – Seat side panel, sill side

◆ Removing

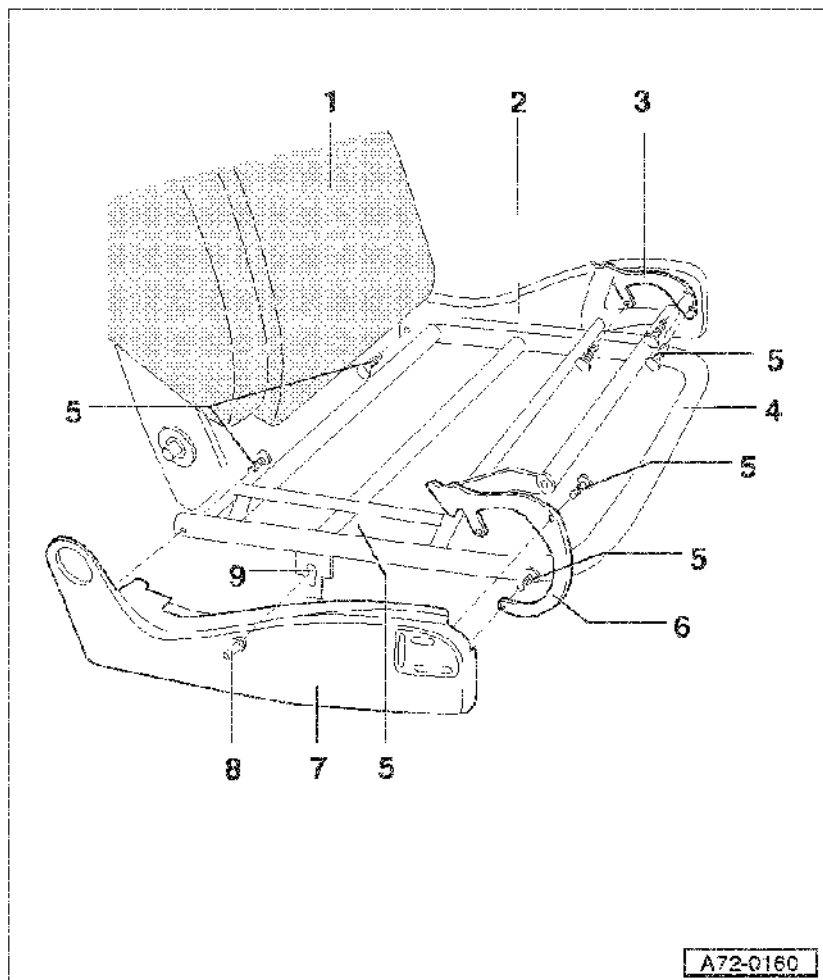
- Move seat down as far as possible.
- Remove seat => Page 72-116
- Remove fitting panel => Page 72-147
- Remove seat cushion => Page 72-130
- Swivel down belt buckle.

72-137



- Detach all electrical connectors to connection board in seat side panel on sill side.
- Use side-cutting pliers to cut through all cable ties at wiring harness.
- Remove bolts -5- on seat side panel (3 on sill side, 4 on tunnel side).
- Push seat side panel -7- on sill side upwards so that the locking pin -8- for the seat side panel can be removed from the engaging hole -9-.

72-138



◆ Installing

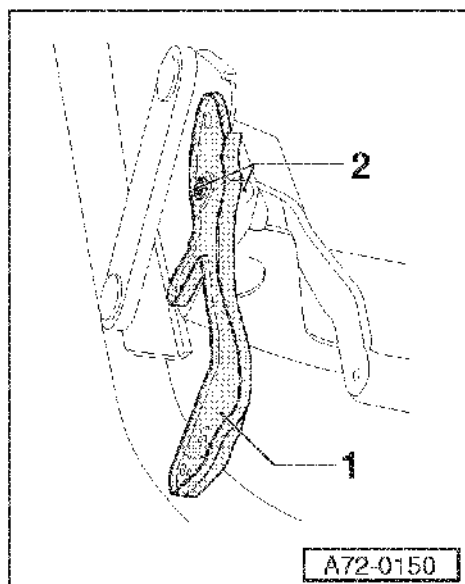
- Engage trim at bottom part of backrest frame fitting.
- Insert locking pin -8- for seat side panel in engaging hole -9- and push the seat side panel downwards.
- Secure seat side panel (sill side) with bolts -5- (3x).

8 – Locking pin for seat side panel (sill side)

9 – Engaging hole in bracket (sill side)

72-139

Removing and installing seat side panel brackets



- Move seat to uppermost position.
- Remove seat => Page 72-116
- Remove seat side panel trims => Page 72-136
- Drill off both rivets -2- at front of bracket for seat side panel -1- and detach bracket.

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72-140

Removing and installing switch unit

Important

Only connection board of switch unit can be removed; switches in seat side panel cannot be replaced separately.

Note:

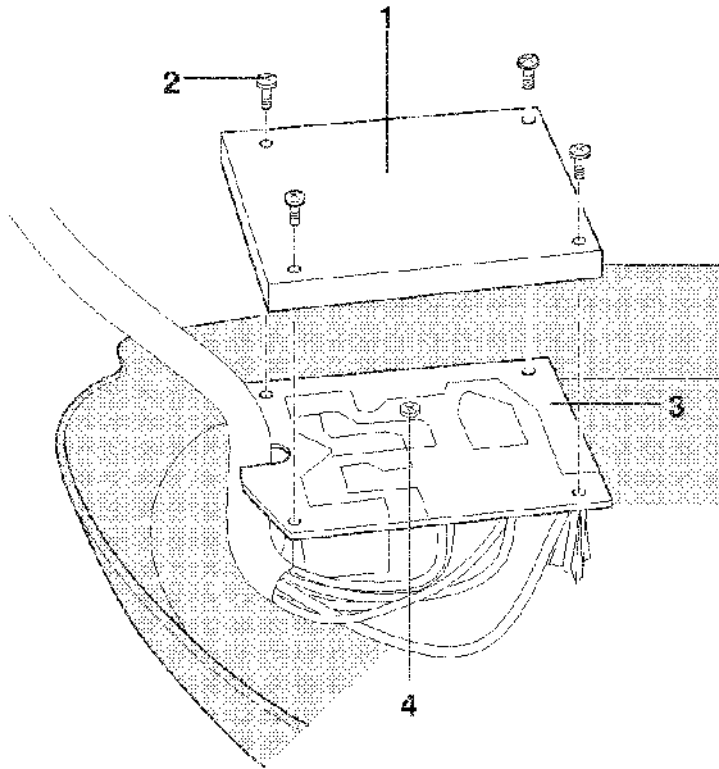
Switch-unit connection board is installed in seat side panel on sill side.

1 – Plastic cover

2 – Bolts (4x)

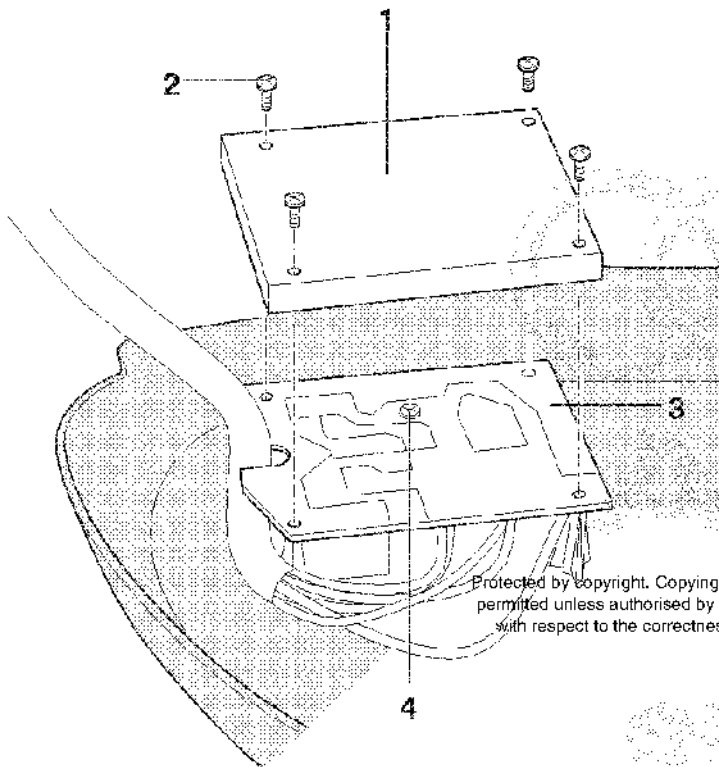
Removing and installing switch unit with wiring harness

3 – Switch-unit connection board with wiring harness



A72-0151

72-141



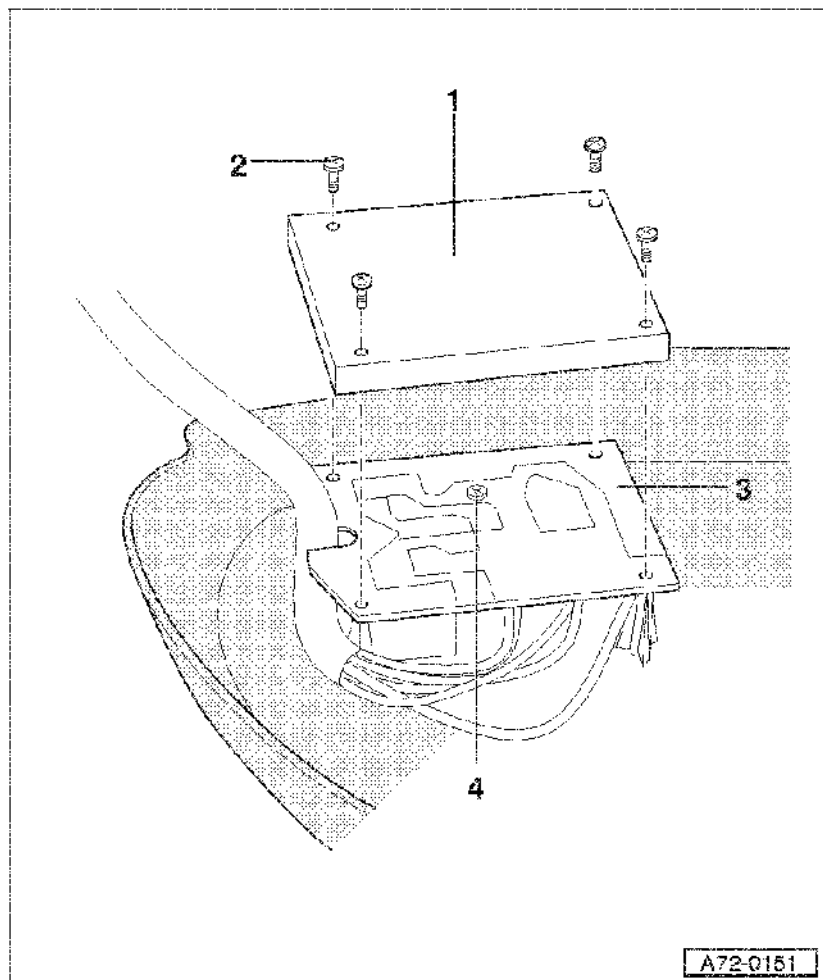
◆ Removing

- Move seat to lowest position.
- Remove seat => Page 72-116
- Remove seat side panel on sill side => Page 72-136
- Use side-cutting pliers to cut through all cable ties at wiring harness.
- Detach all connectors of connection board wiring harness.
- Release bolts -2- (4x) at plastic cover -1- over connection board -3-.
- Remove plastic cover -1-.
- Release bolt -4-.
- Carefully detach connection board.

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A72-0151

72-142



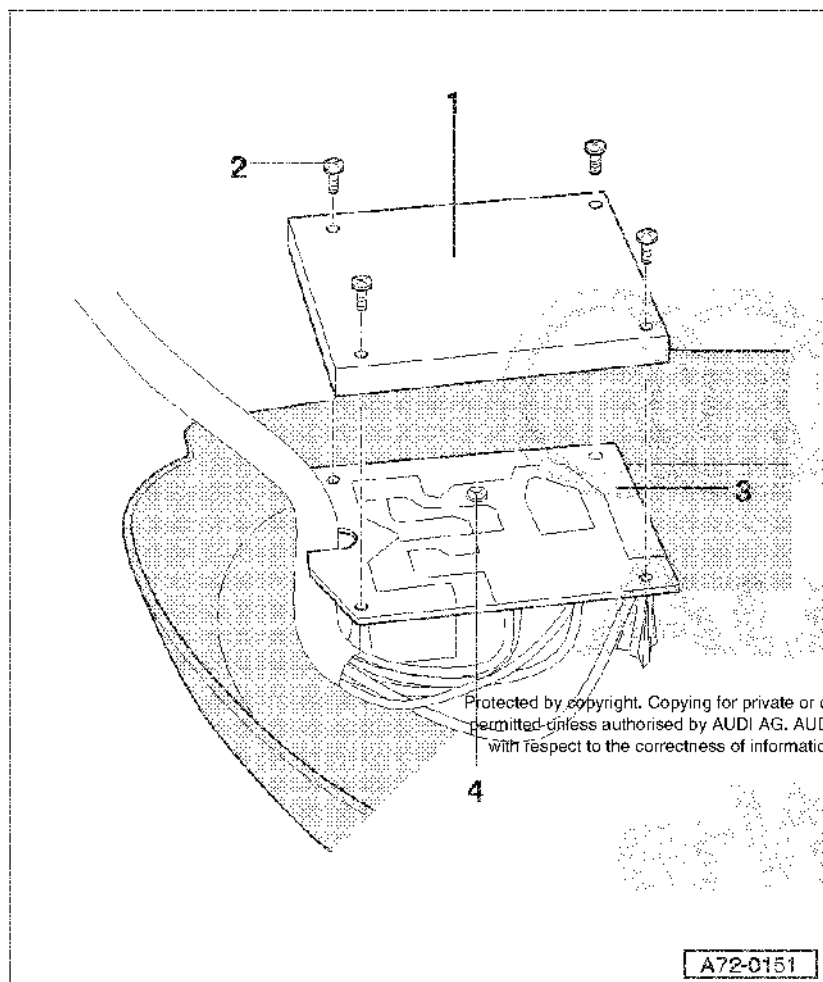
◆ Installing

- Carefully fit new connection board such that its contacts engage properly in switch connections in seat side panel.

Removing and installing switch unit without wiring harness

◆ Removing

- Move seat to lowest position.
- Remove seat => Page 72-116
- Remove seat side panel on sill side => Page 72-136
- Release bolts -2- (4x) at plastic cover -1- over connection board -3-.
- Remove plastic cover -1-.

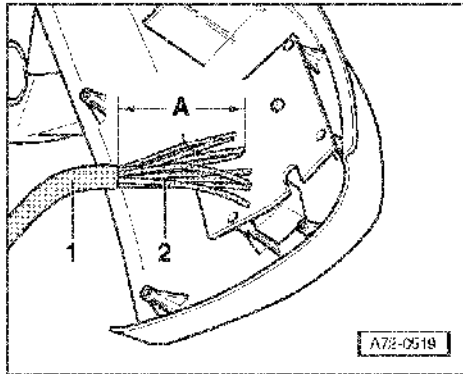


- Release bolt -4-.
- Carefully detach connection board.
- Disconnect the wiring harness from the connection board and install the new connection board => Fig. 1

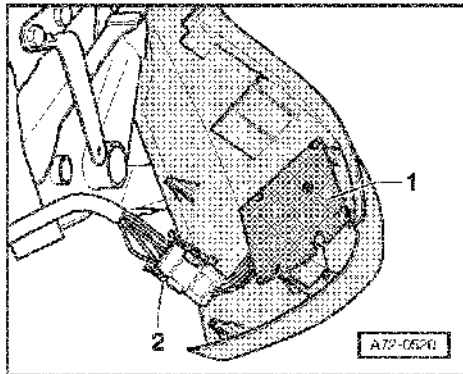
4 - Bolt (1x)

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Fig.1 Disconnecting wiring harness from connection board and installing new connection board

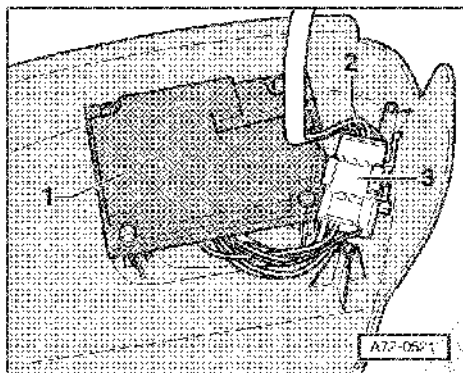


- Use side-cutting pliers to cut off the wiring harness -2- approx. 6 cm (-A-) past the end of the insulation -1-.
- Strip the insulation from the ends of the wires and attach the wiring connectors contained in the repair kit. Use the wiring harness repair kit VAS 1978 for this purpose.

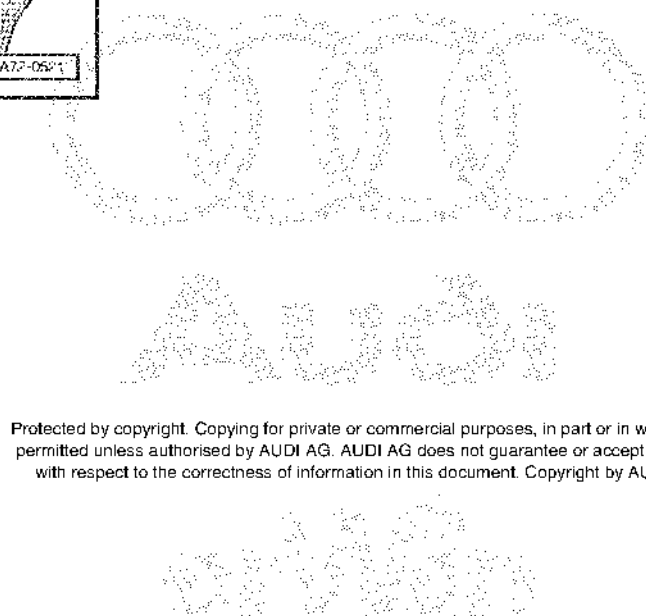


- Install the connectors -2- from the repair kit.
- Install the new connection board -1- with the appropriate switch (depending on colour; supplied with the repair kit).

———— 72-145 ————



- Install the cover -1-.
- Clamp the connector -3- between switch unit and panel.
- Clamp the wiring harness -2- into the groove on the switch unit.



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———— 72-146 ————

Removing and installing fitting panels

1 – Fitting panels

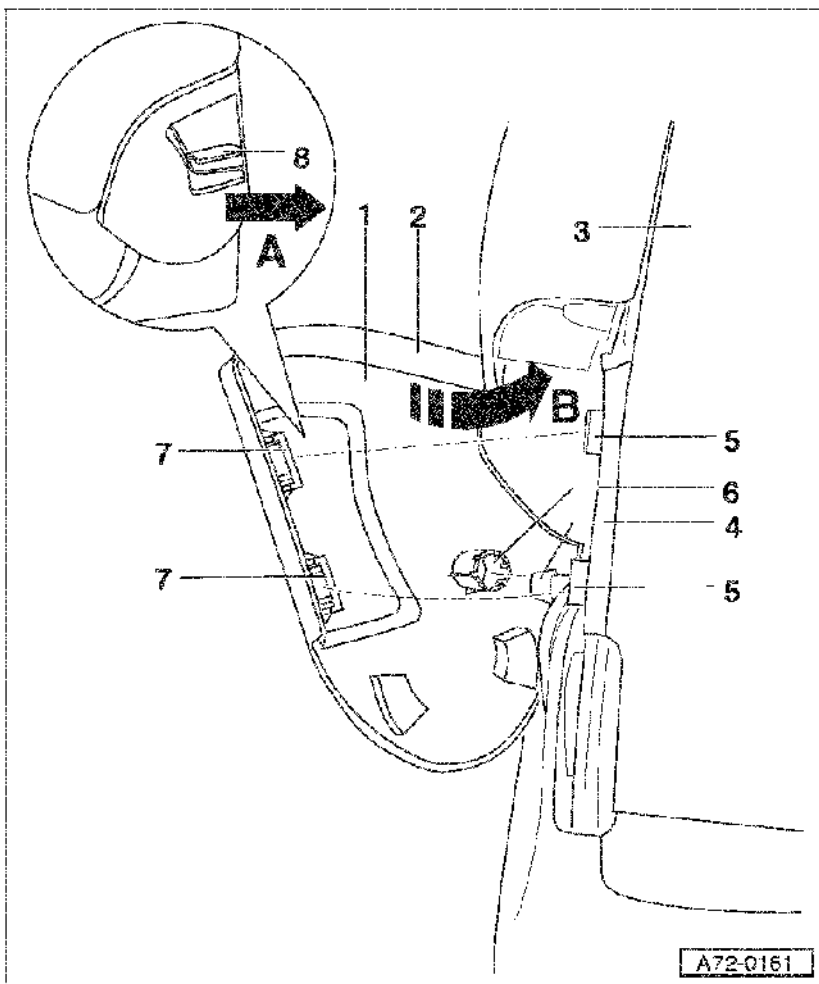
◆ Removing

- Remove seat => Page 72-116
- Detach plastic lever for backrest release -8- in direction of arrow -A- using taped pliers.

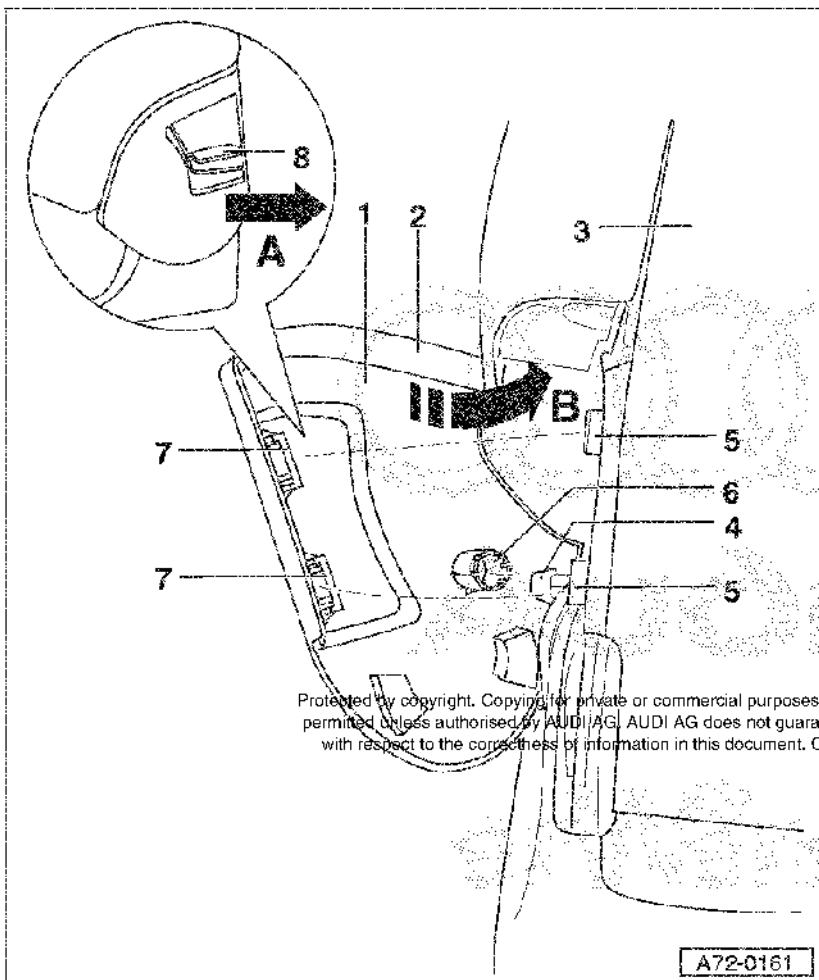
Note:

The plastic tabs -6- on the fitting panel break off easily. If they are damaged during removal, the fitting panel must be replaced.

- Remove fitting panel -1- downwards so that pin -4- and tabs -5- disengage from its locking tabs -6- and -7-.
- Remove fitting panel -1- towards outside.



72-147



◆ Installing

- Push the fitting edge -2- on the side of the side airbag module underneath the side airbag module -direction of arrow B-.
- Push on fitting panel -1- in a straight line so that pin -4- and tabs -5- disengage from its locking tabs -6- and -7-.

2 – Fitting edge

- ◆ Only on side of side airbag module

3 – Backrest

4 – Pin

5 – Clips

6 – Catch for pin

7 – Catches for tabs

8 – Backrest release lever

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72-148

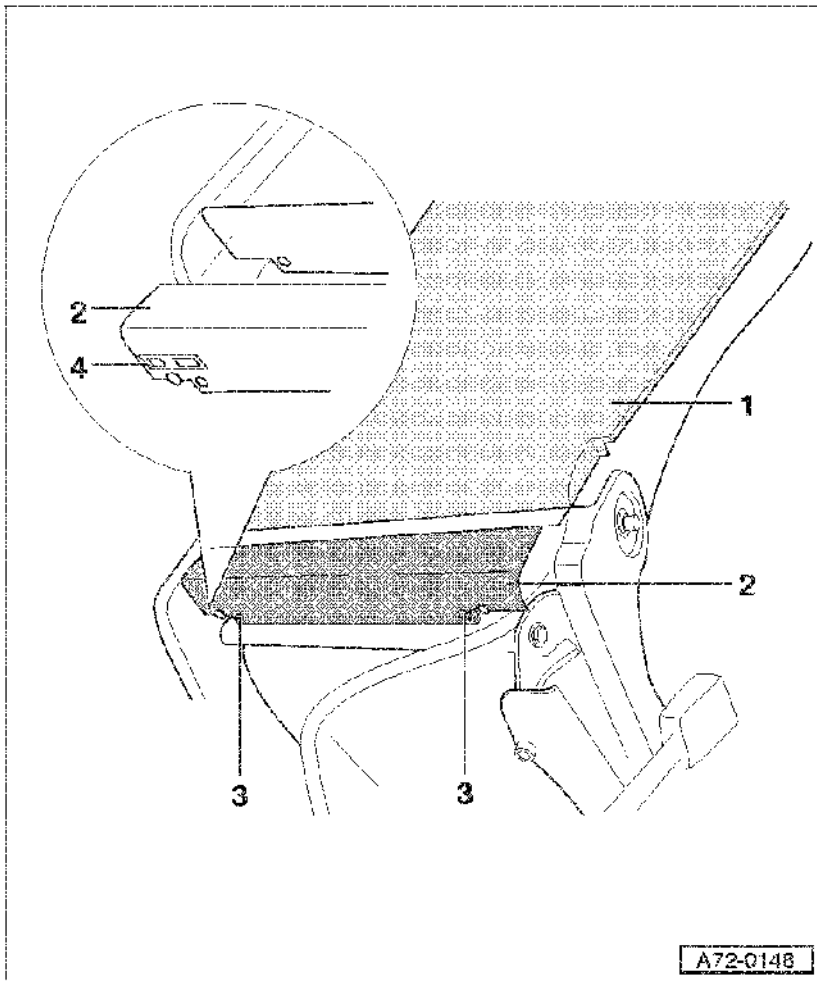
Removing and installing spring trim

1 – Backrest

2 – Spring trim

◆ Removing

- Raise seat as far as possible.
- Release two bolts -3- on right and left at spring trim -2-.
- Pull spring trim -2- off seat on right side.
- Then pull spring trim to right such that clip -4- in spring trim is released.
- Detach spring trim -2- from seat.



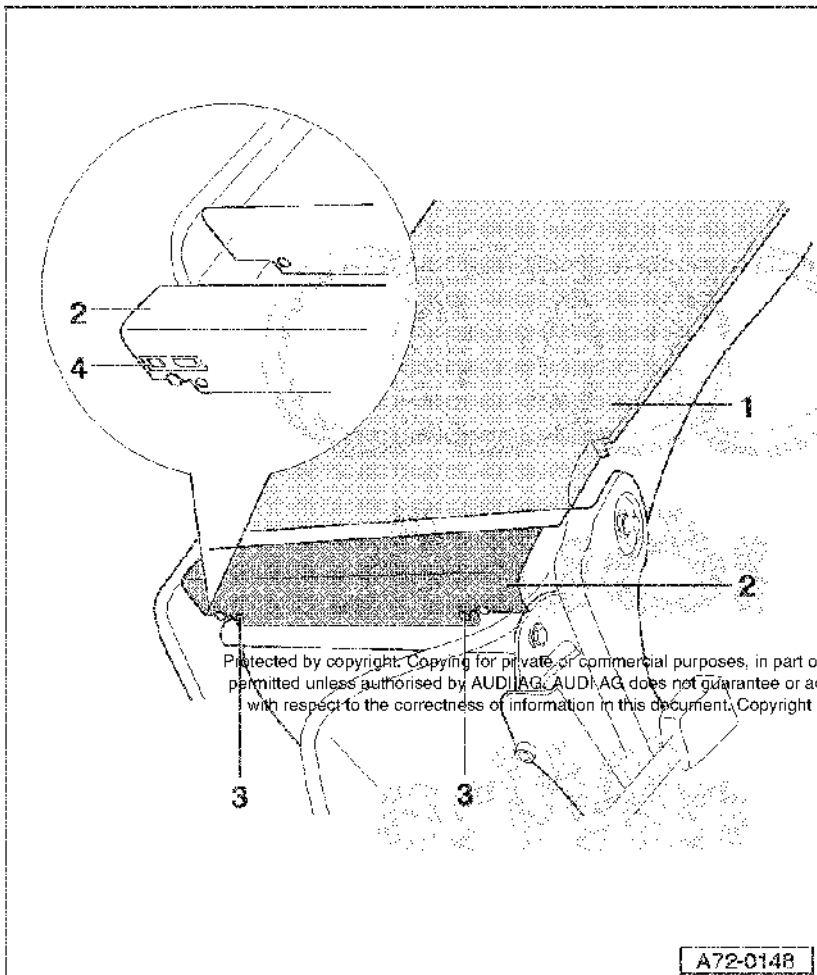
72-149

◆ Installing

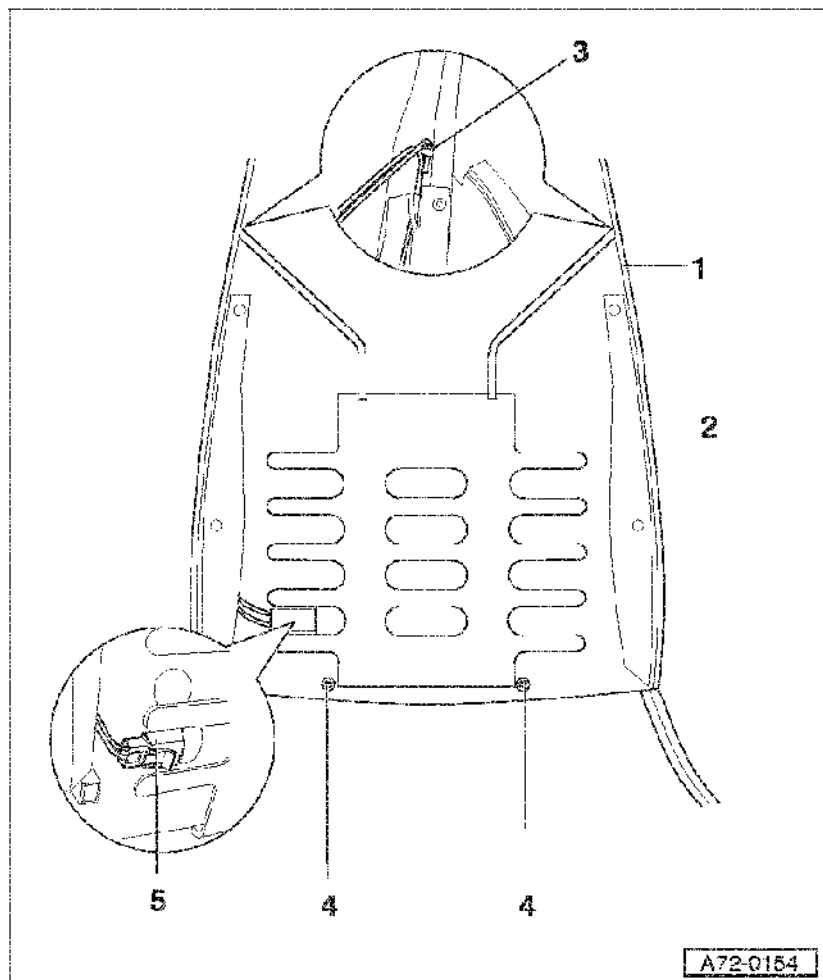
- Attach spring trim -2- on left side with clip -4-.
- Press on spring trim -2- on right side such that it engages.
- Re-tighten the two bolts -3-.

3 – Bolts (2x)

4 – Clamp



72-150



Removing and installing 2-way lumbar support

1 – Backrest frame

2 – 2-way lumbar support

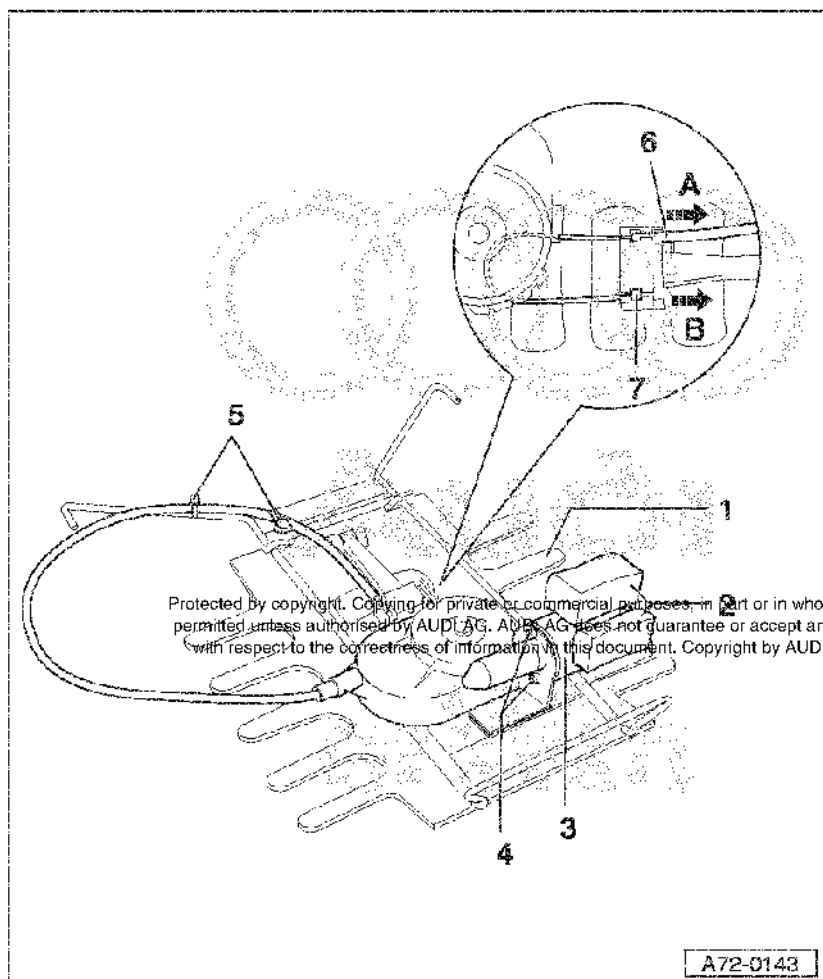
- Remove the seat => Page 72-116
- Remove upholstery from backrest => Page 74-32
- Detach connector of lumbar support motor -5-.
- Remove bolts -4- (2x).
- Remove bolts -4- (2x).

3 – Retaining hooks

4 – Bolts (2x)

5 – Connector of lumbar support motor

72-151



Removing and installing lumbar support motor with gear unit

1 – Lumbar support

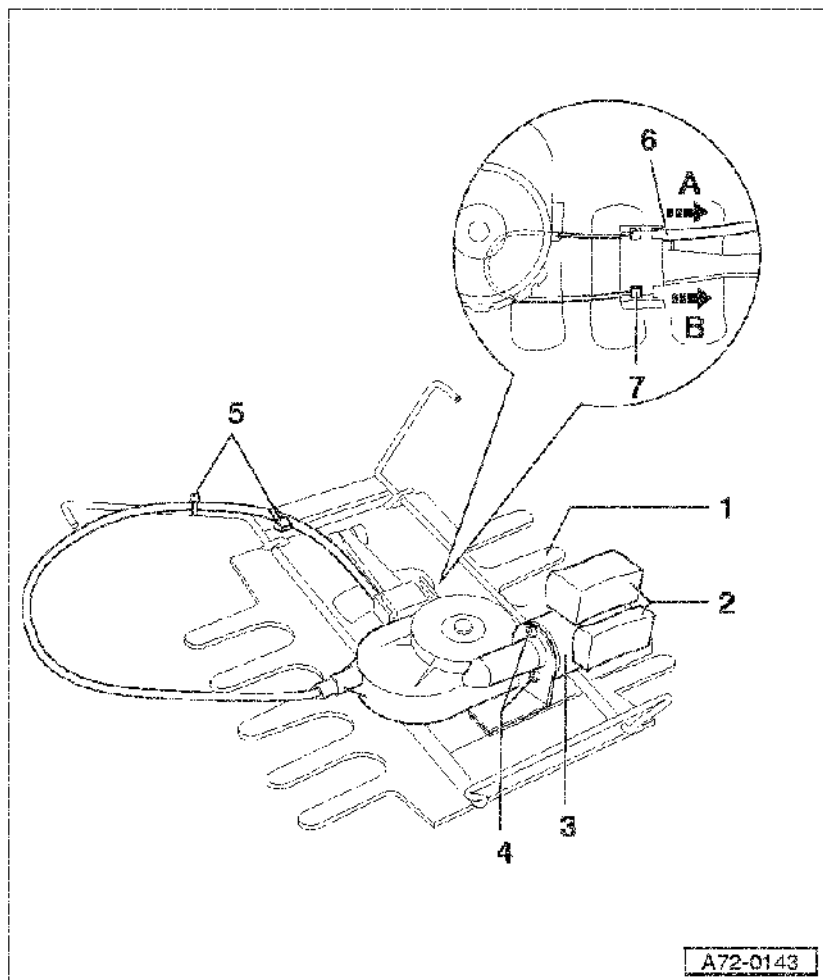
2 – Foam pads (2x)

- If not provided with replacement part detach pads from old motor and attach them to new one.

3 – Motor with gear unit and Bowden cable

- Remove the seat => Page 72-116
- Remove 2-way lumbar support => Page 72-101
- Cut cable ties -5- (2x).
- Squeeze lumbar support together.
- Pull out Bowden cable – 6- in direction of arrow -A-.

72-152



- Disengage Bowden cable -6- at guide roller.
- Pull fastener -7- out of mount in direction of arrow -B-.
- Remove bolts -4- (2x).

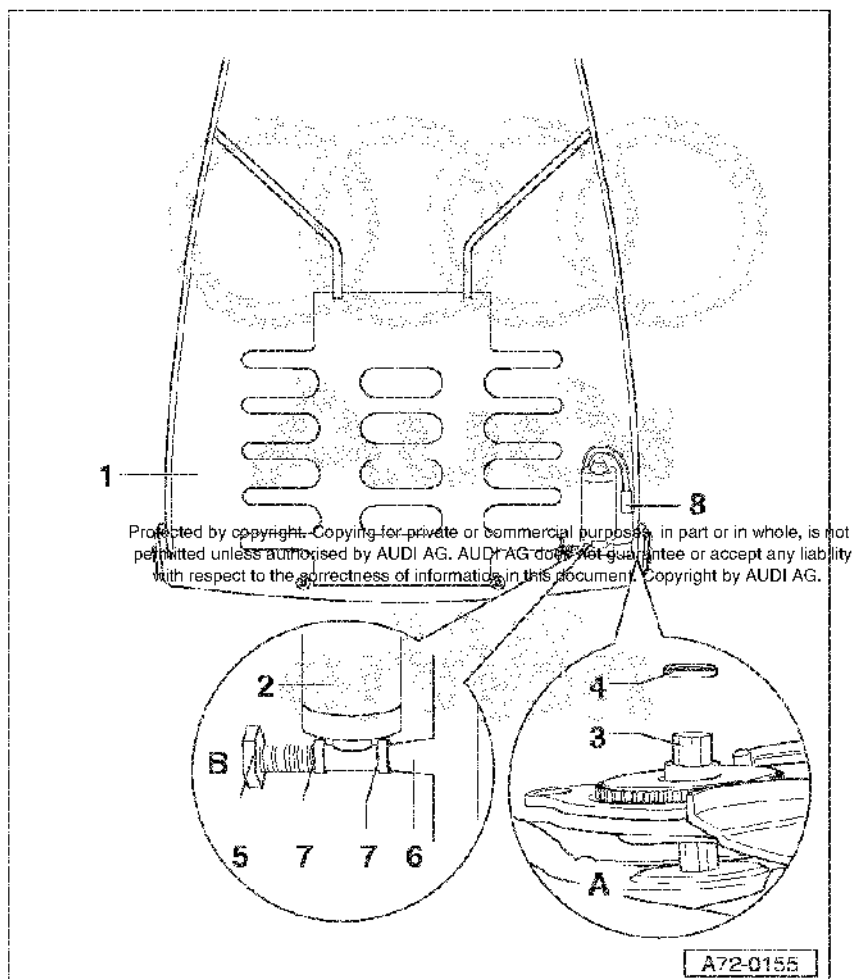
4 - Bolts (2x)

5 - Cable tie

6 - Bowden cable

7 - Retaining tabs

72-153



Removing and installing backrest motor with gear unit

Note:

For ease of illustration, Fig. only shows backrest.

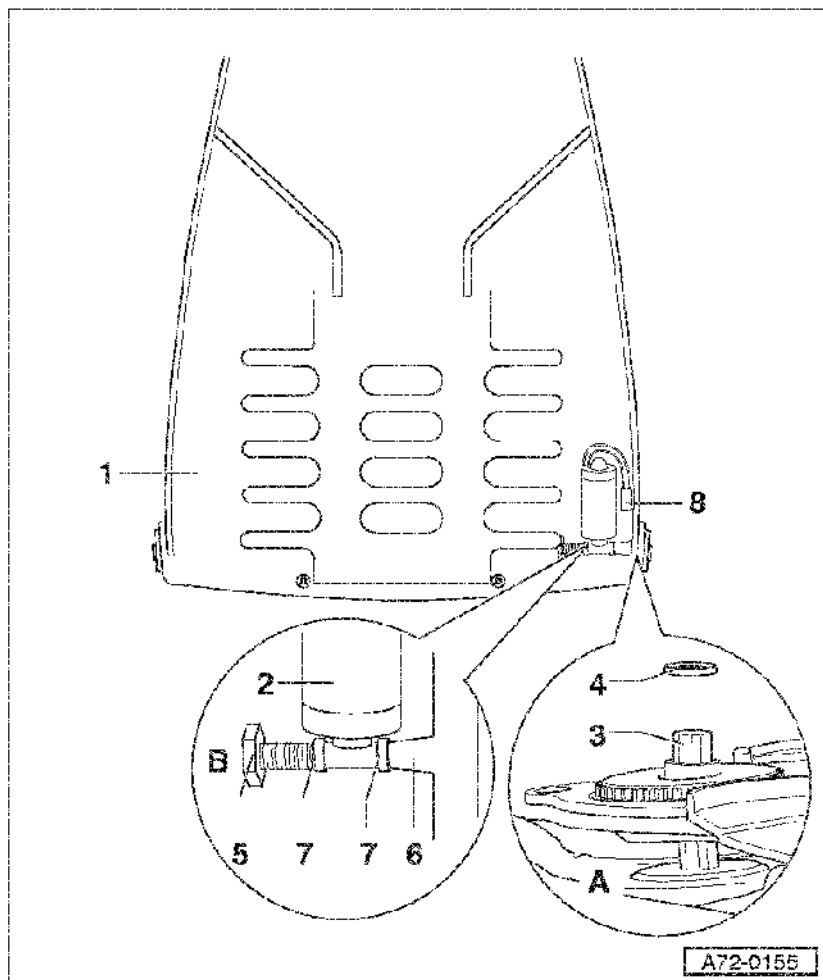
1 - Backrest frame

2 - Backrest motor with gear unit

◆ Removing

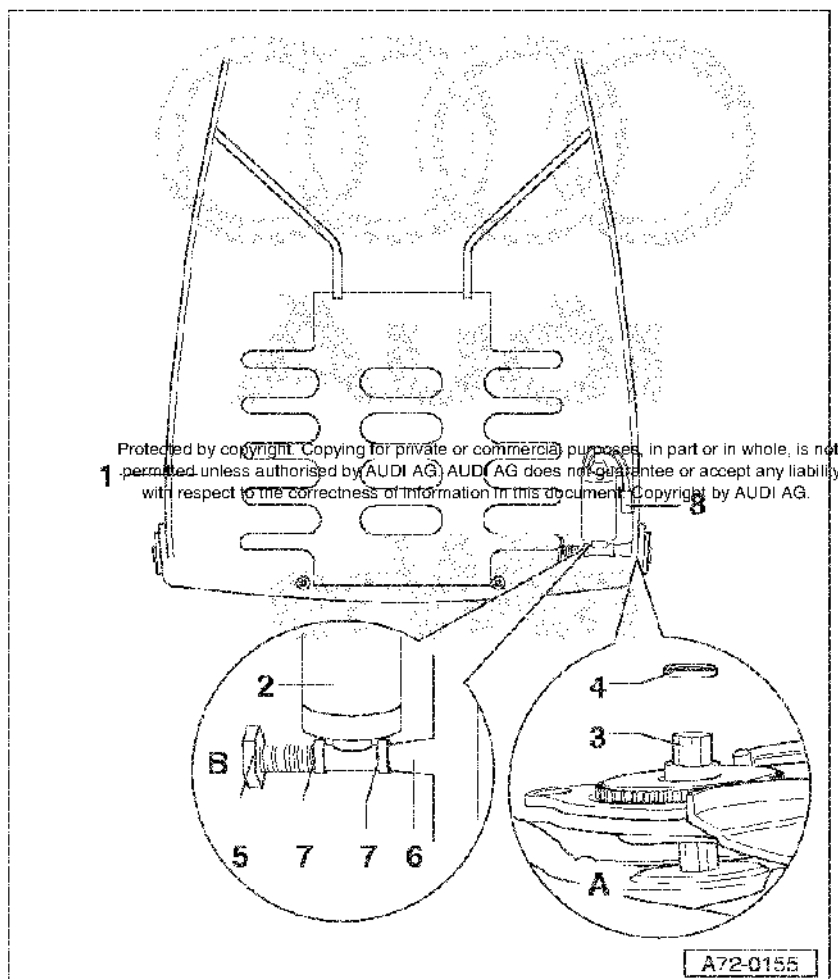
- Raise seat as far as possible.
- Remove seat => Page 72-116
- Remove fitting panels => Page 72-147
- Remove upholstery from backrest => Page 74-32

72-154



- Lever off lock washer -5- on backrest motor side, see detailed drawing -B-.
- Pull shaft out of backrest frame -1- until backrest motor -2- can be removed.
- Use side-cutting pliers to cut through cable ties at cable of backrest motor.
- Detach connector -8-.
- Detach bolt for backrest motor -5- from welded-on threaded bush -6-.
- Take out backrest motor -2-.

72-155



◆ Installing

- Push shaft -3- through backrest and backrest frame -1-.
- Fasten backrest motor -2- between two plastic washers -7- to threaded bush -6- with bolt -5-.
- Drive securing washer -4- onto shaft -3-.

3 – Shaft

4 – Locking plate

5 – Bolt

6 – Threaded bushing

7 – Plastic washer (2x)

8 – Connector

72-156

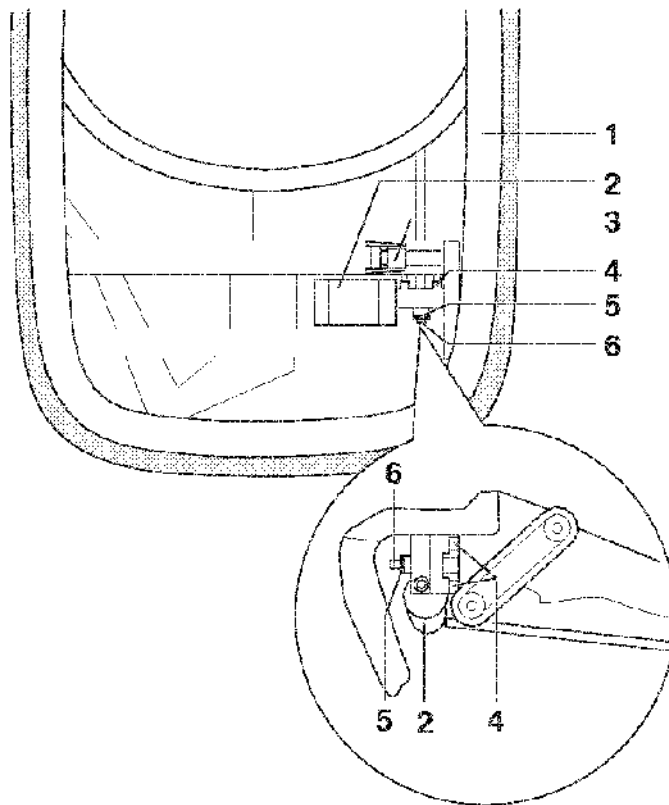
Removing and installing seat height adjustment motor

1 – Seat frame

2 – Seat height adjustment motor

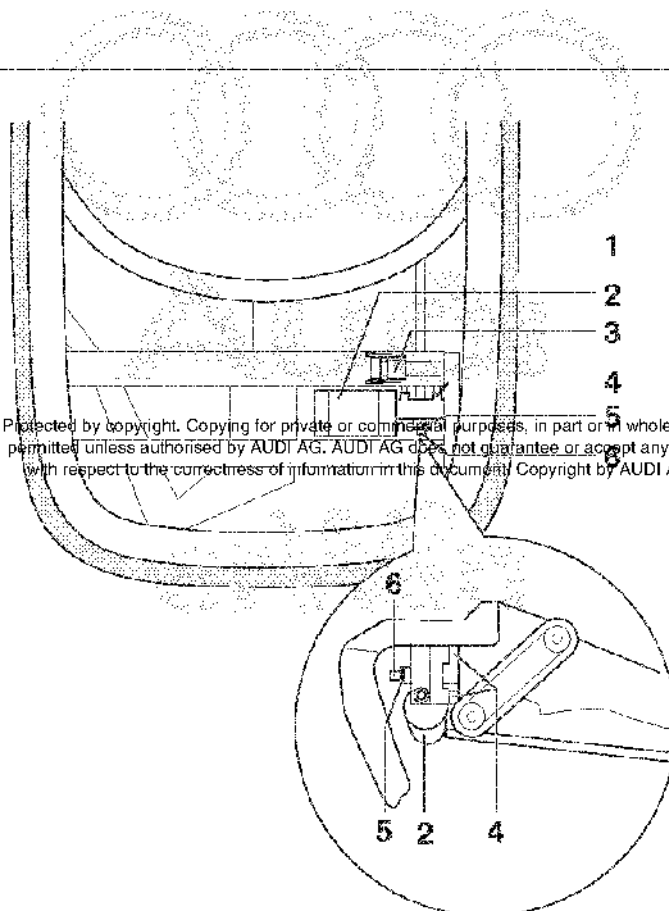
◆ Removing

- Raise seat as far as possible.
- Remove seat => Page 72-116
- Remove seat cushion => Page 72-130



A72-0156

72-157



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A72-0156

- Detach connector -3-.
- Detach connector housing -3- from seat frame.
- Use screwdriver to lever lock washer -5- off shaft -6-.
- Remove motor -2-.

◆ Installing

Note:

Ensure bushings -4- are correctly positioned in seat frame.

3 – Motor connector

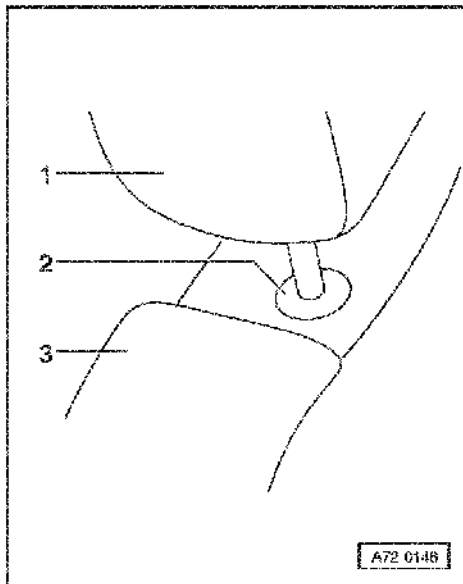
4 – Bushing (2x)

5 – Locking plate

6 – Shaft

72-158

Removing and installing head restraint



- Press from above onto guide sleeves -2-.
- Press down head restraint -1- slightly to release catch.
- Pull head restraint -1- upwards out of backrest -3-.

72-159

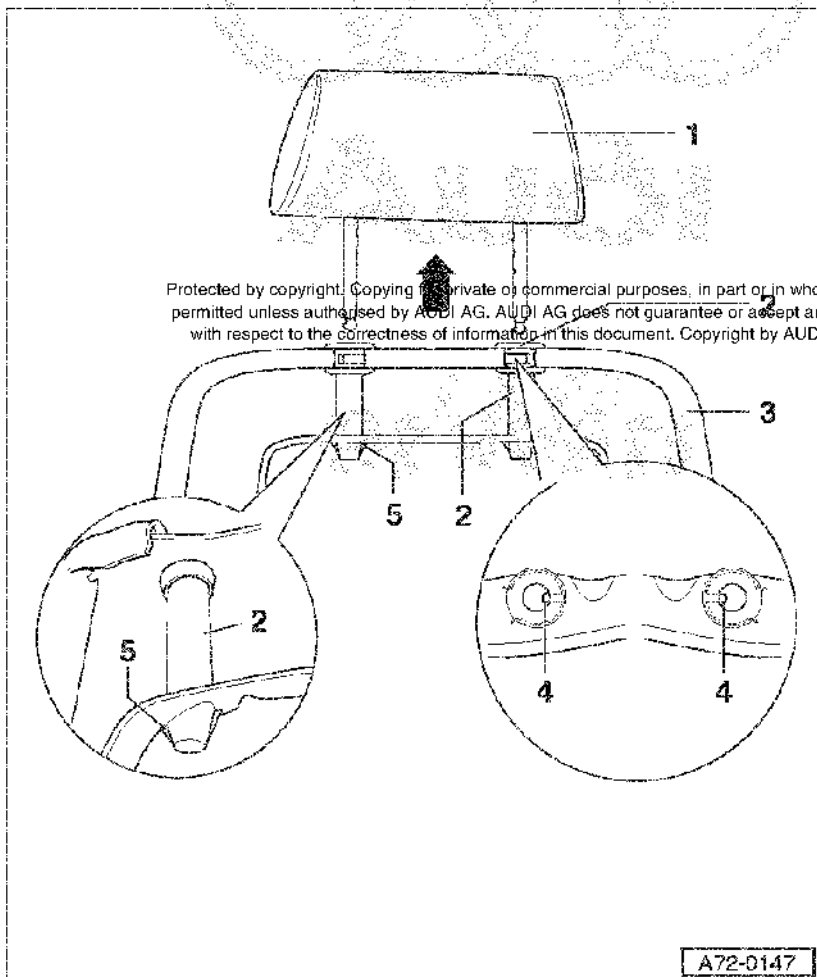
Removing and installing head restraint guide

1 - Head restraint

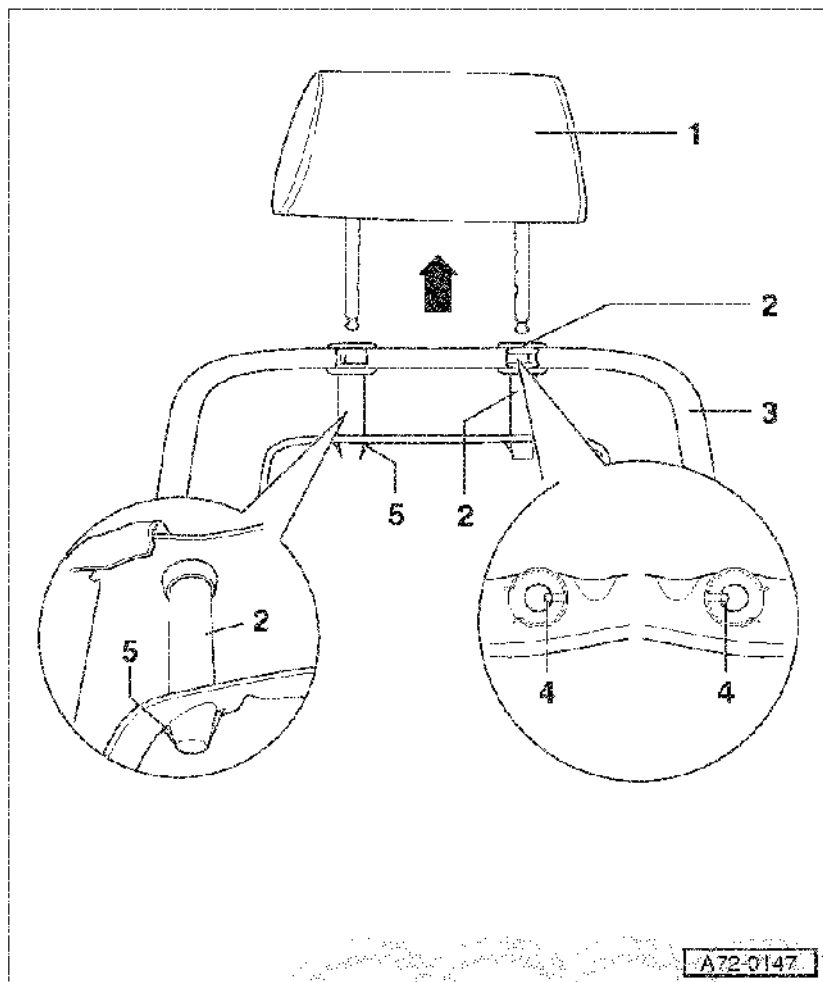
2 - Head restraint guide

◆ Removing

- Remove head restraint -1- => Page 72-159
- Detach upholstery from backrest frame -3- => Page 74-3
- Squeeze retainer tabs -5- of head restraint guide -2- together and pull out head restraint guide -2- upwards.



72-160



◆ Installing

Important

Locking pins of both head restraint guides must be on inside to enable them to engage in height adjustment ratchets of head restraint.

- Insert head restraint guides -2- such that locking pins -4- of both head restraint guides are on inside.

3 – Backrest frame

4 – Locking pins

5 – Retainer tabs

72-161

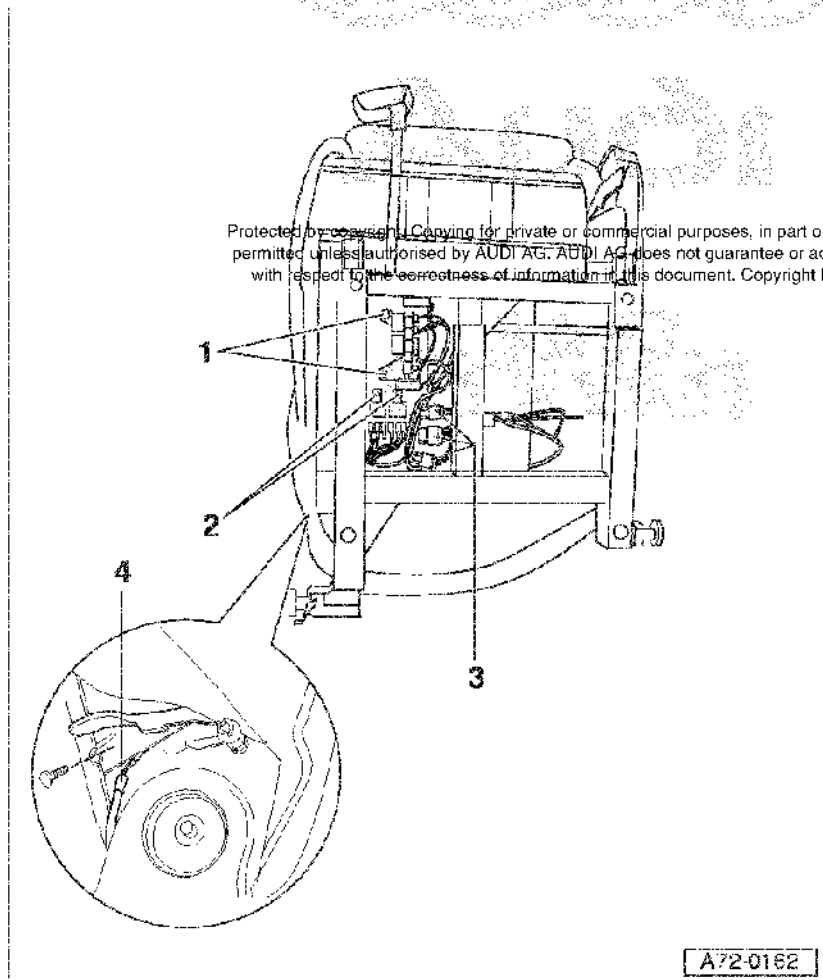
Removing and installing and disassembling underbody

Note:

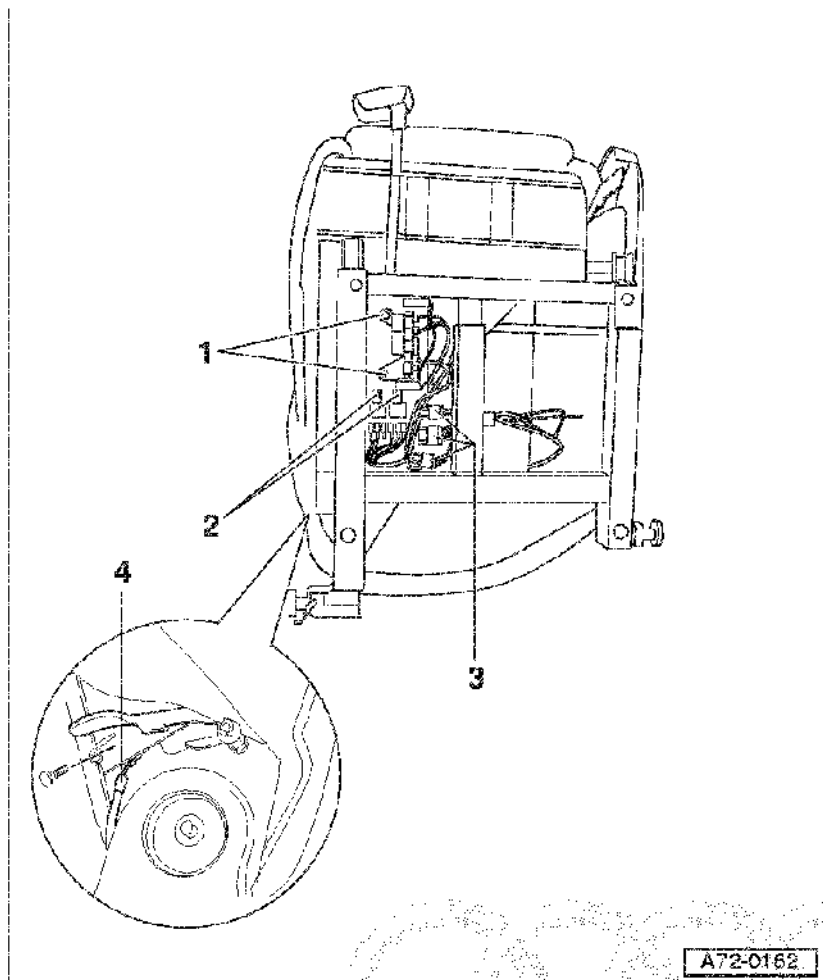
The illustration shows a left seat. The underbody consists of console, seat rail and adapter. The Recaro seat runs on these seat rails and not on the rails on the vehicle floor.

◆ Removing

- Move seat as far back as possible.
- Remove seat => Page 72-116
- Remove fitting panel => Page 72-147
- Release bolt on lever for transfer rod and remove lever.



72-162



A72-0162

1 – Bolts (2x)

2 – Relays (2x)

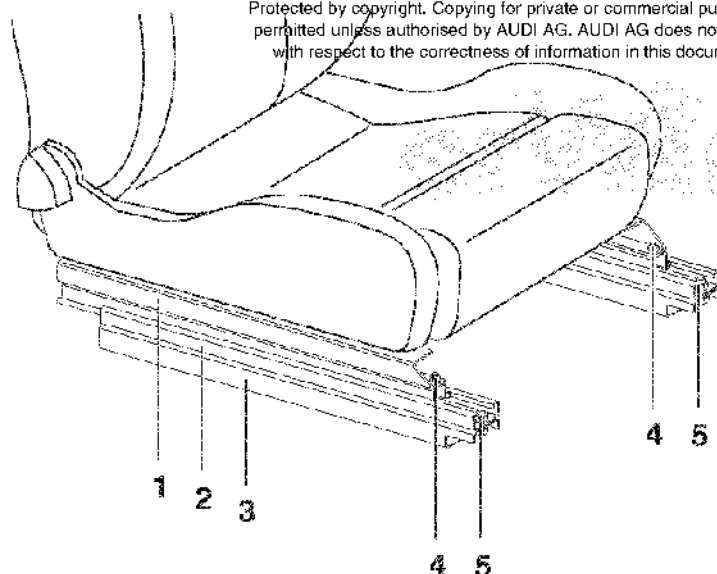
3 – Connectors

4 – Bowden cable

- Detach Bowden cable -4- from Bowden cable thrust bearing at lever.
- Disconnect Bowden cable -4- from fitting.
- Set down seat such that underside of cushion is readily accessible.
- Unfasten all cable ties attached to console.
- Unscrew connector bracket (2 bolts).
- Unbolt the two relays.
- Disconnect black connector from lumbar support and backrest adjustment -3-.

72-163

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1 – Adapter

2 – Seat rail

3 – Console

Drive console -3- onto seat rails -2- in centre.

- Unscrew adapter -1- from seat rails -2- (remove 1 bolt -4- at both front and rear).
- If necessary, remove memory module => Page 72-169

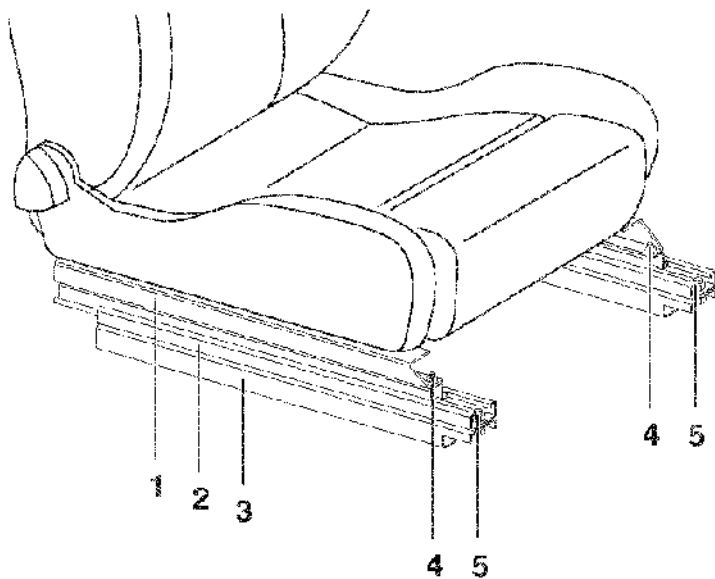
Important

Ensure when detaching the console from the adapter that you do not damage the tape for the memory module.

- Remove bolts -5- (4x) on console -3- (on tunnel side via bore, on door side via inside of console).

A72-0163

72-164



A72-0163

- Detach console -3- from seat rails -2- and adapter -1- with seat.
- Detach seat from adapter where necessary.

◆ Installing

- Bolt console, rails and adapter to tightening torque 23 Nm.
- Install new, microencapsulated bolts, or use Locktite.
- Reinstall memory module where applicable => Page 72-169

4 – Bolts (4x) for securing adapter to seat rail

- Tightening torque 23Nm

5 – Bolts (4x) for securing seat rail to console

- Tightening torque 23Nm

72-165

Removing and installing seat rails

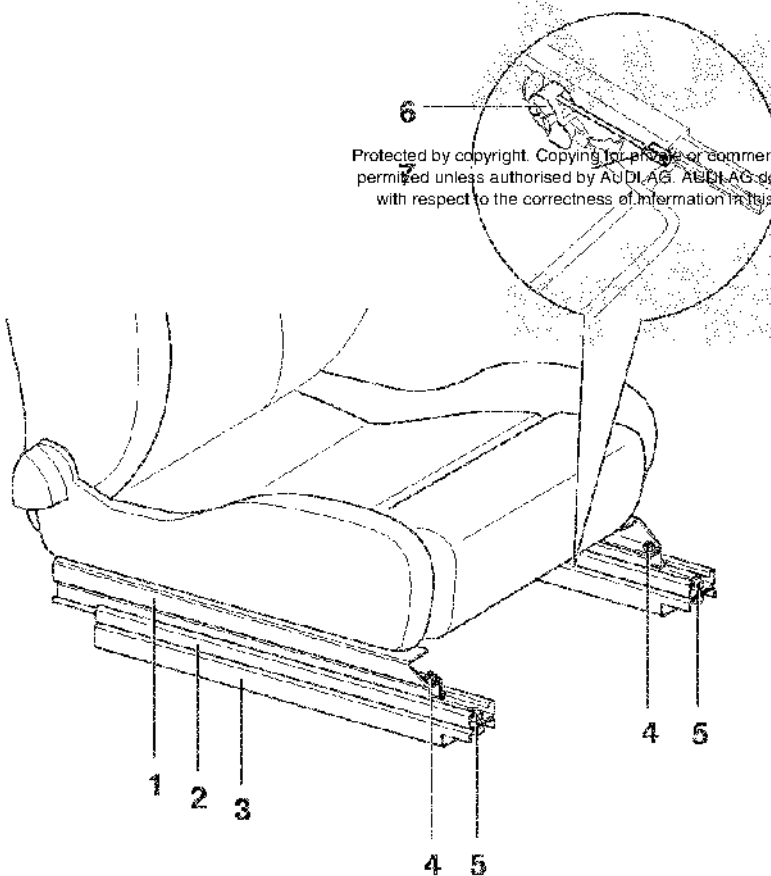
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1 – Adapter

2 – Seat rail

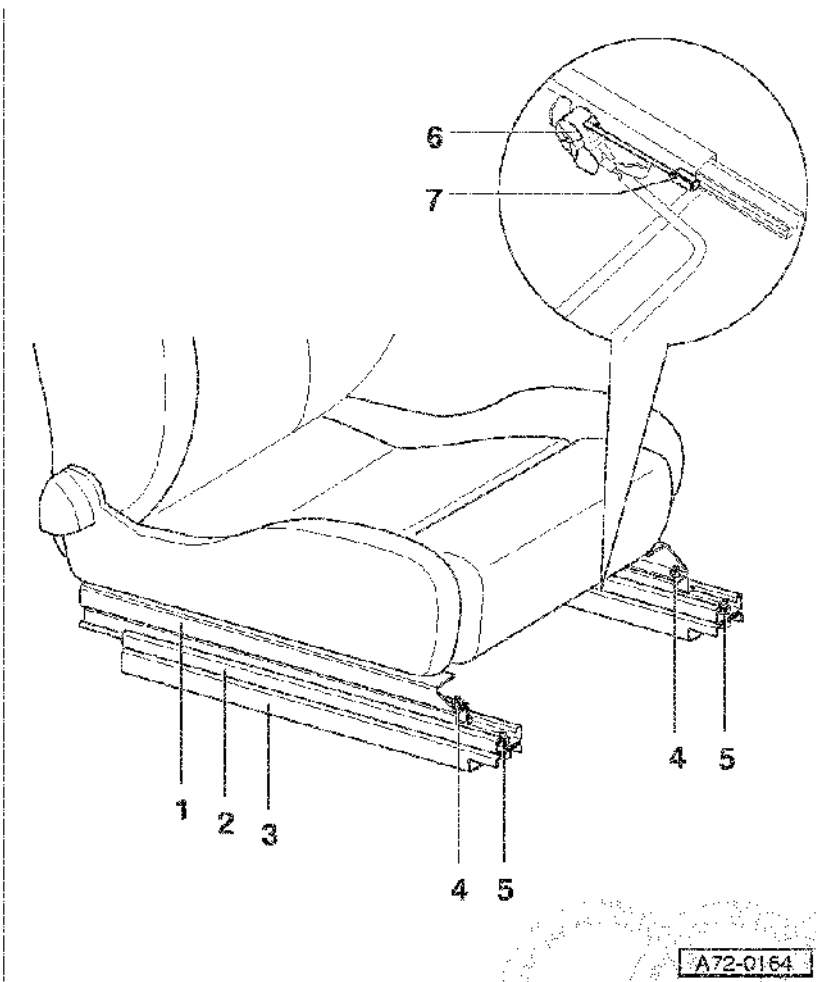
◆ Removing

- Move seat as far back as possible.
- Remove seat => Page 72-116
- Remove underbody => Page 72-162
- Detach adapter -1- from seat rails -2- (remove one bolt -4- at both front and rear).
- Move seat rail -2- as far forward as possible and remove bolts -5- at rear between console and seat rail.



A72-0164

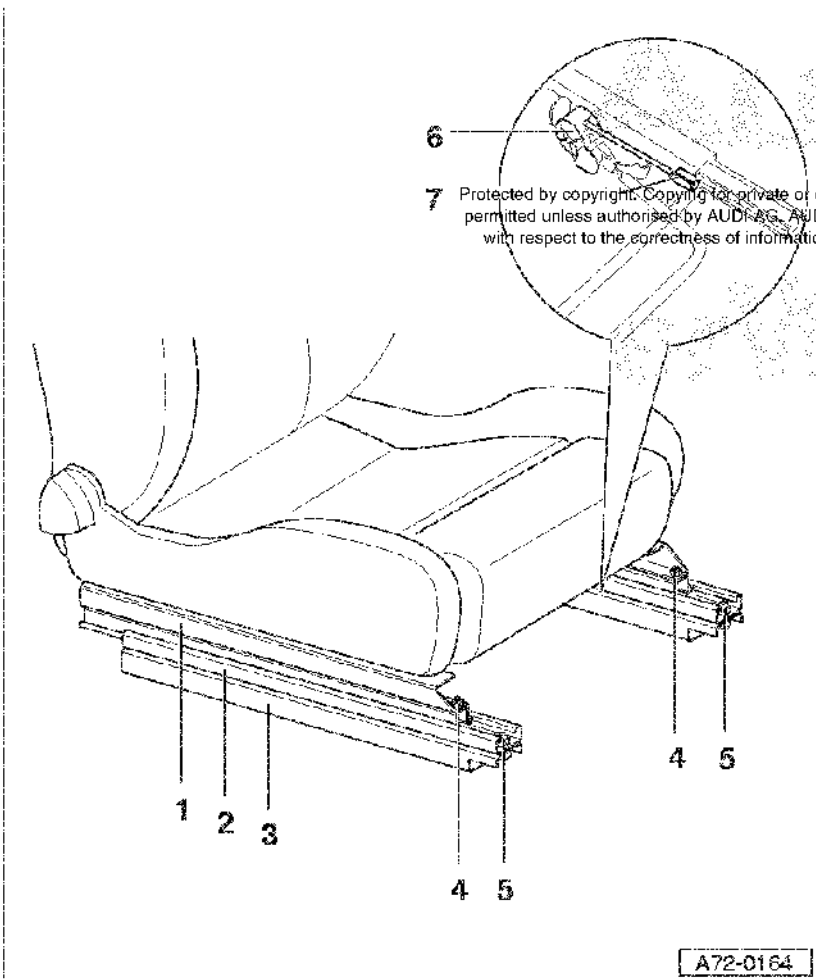
72-166



- Move seat rail -2- as far back as possible and remove bolts at front between console -3- and seat rail -2-.
- Remove memory module => Page 72-169
- Detach seat rails -2-.

◆ Installing

- Bolt console, rails and adapter to tightening torque 23 Nm.
- Install new, microencapsulated bolts, or use Locktite.
- Position tape hook -7- for memory module -6- on door side at front between seat rail -2- and console -3- and bolt down together with seat rail and console.



3 – Console

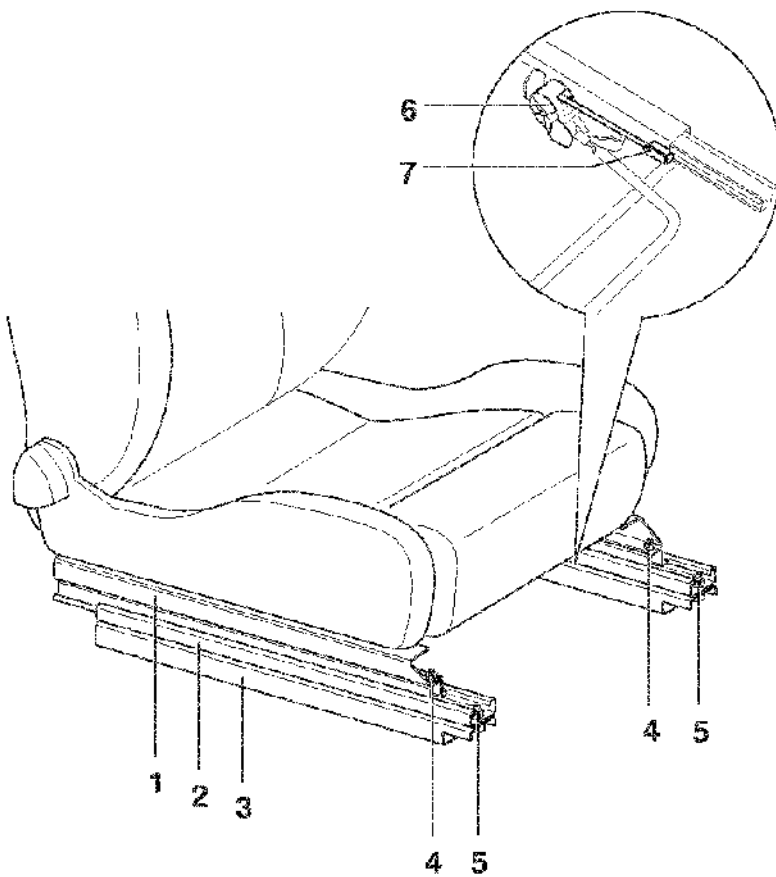
4 – Bolts (4x) for securing adapter to seat rail

5 – Bolts (4x) for securing seat rail to console

6 – Memory module

7 – Tape hook for memory module

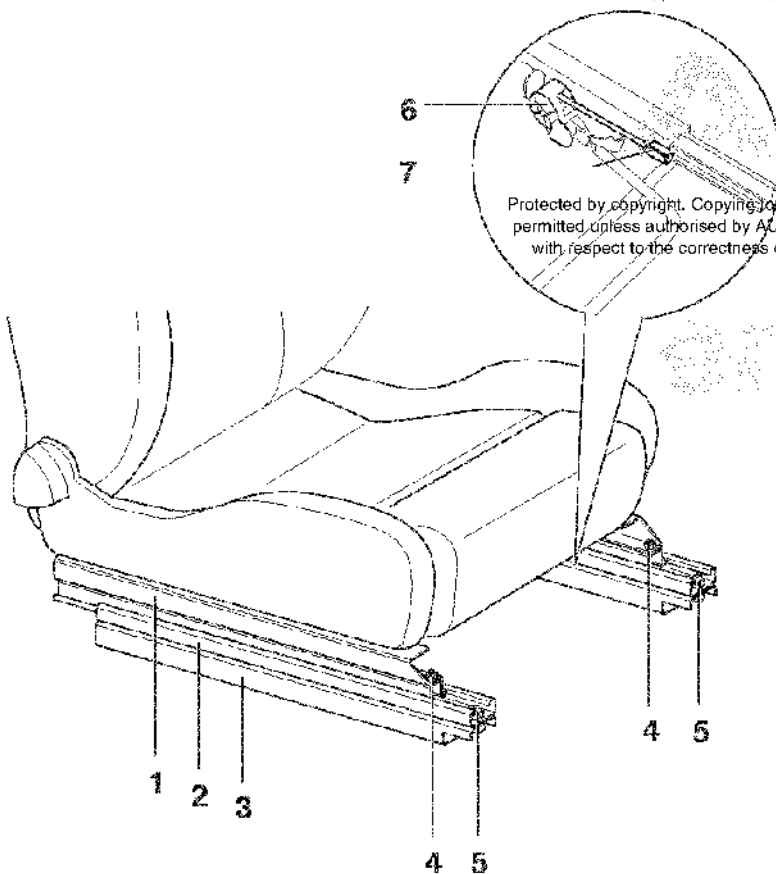
Removing and installing memory module



- 1 - Adapter
- 2 - Seat rail
- 3 - Console
- 4 - Bolts (4x) for securing adapter to seat rail
- 5 - Bolts (4x) for securing seat rail to console
- 6 - Memory module
- 7 - Tape hook for memory module

A72-0164

72-169



♦ Removing

- Move seat as far back as possible.
- Remove seat => Page 72-116
- Remove underbody => Page 72-162
- Detach adapter -1- from seat rail -2- by remove one bolt -4- at both front and rear).
- Detach console -3- from seat rail -2- on door side at front and remove retaining sheet for tape hook -7-.
- Remove bolt for memory bracket on seat rail -2-.
- Push catch on side of memory module -6- out of recess on bracket and detach memory module -6-.

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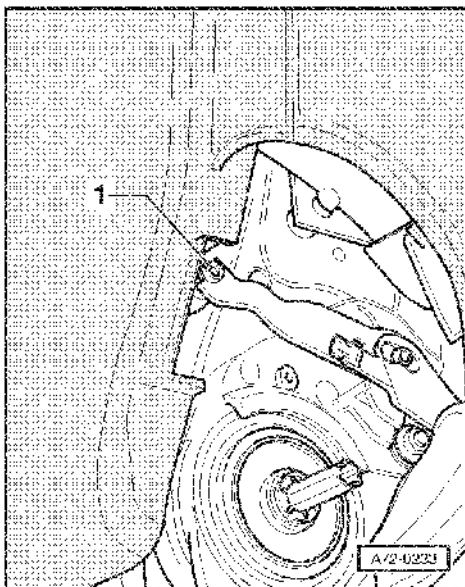
A72-0164

72-170

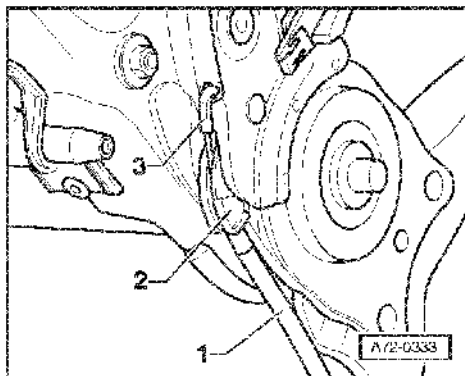
Removing and installing EASY ENTRY Bowden cable

Driver's seat

- Remove seat => Page 72-116
- Remove fitting panel (tunnel side) => Page 72-147
- Unscrew bolt -1- and detach transfer lever.



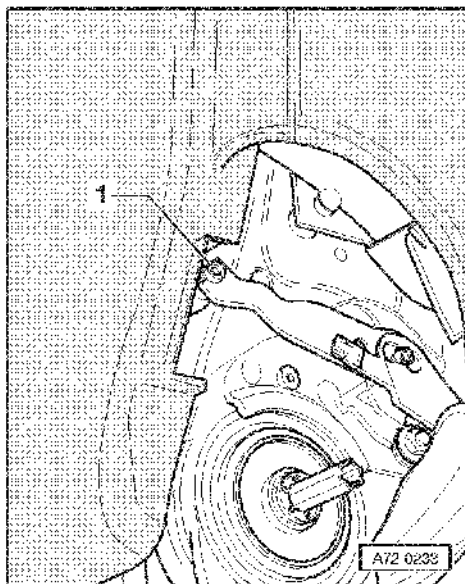
- Detach Bowden cable -1- downwards from guide -2-.
- Remove tab -3-.



72-171

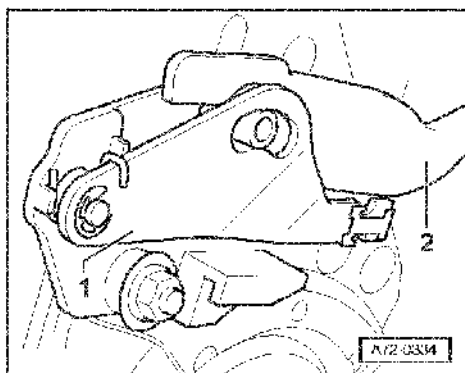
Passenger's seat

- Remove seat => Page 72-116
- Remove fitting panel (tunnel side) => Page 72-147
- Remove fitting panel on door side => Page 72-147
- Unscrew bolt -1- and detach transfer lever.

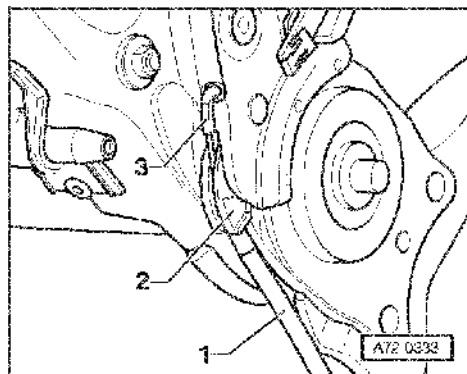


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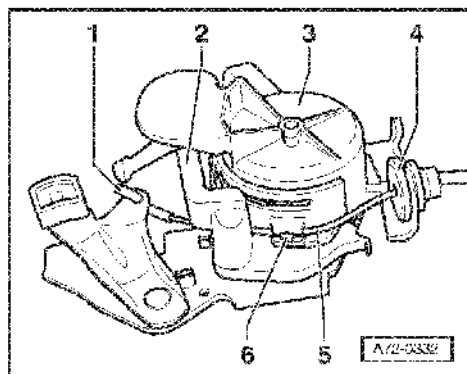
- Remove mounting plate -1- on opposite side and pull out transfer shaft -2-.



72-172



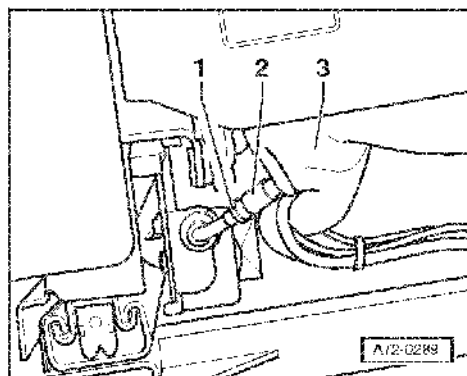
- ◀ – Detach Bowden cable -1- downwards from guide -2-.
- Remove tab -3-.
- Pull Bowden cable -1- through downwards.



- All models, continued**
- ◀ – Remove memory module => Page 72-169
 - Lever out bearing -4- with a flat screwdriver.
 - Lever out ball bearing -6-.
 - Route Bowden cable -5- around spring lever -2-.
 - Remove tab -1-.
 - 3 - Memory module

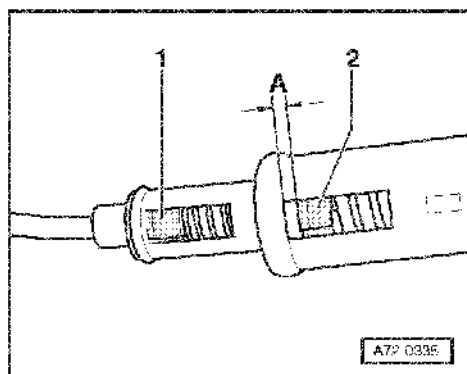
— 72-173 —

Adjusting EASY ENTRY Bowden cable



- ♦ If the longitudinal adjustment mechanism chatters, the Bowden cable is too loose.
- ◀ ♦ If the memory positioning is not OK, the Bowden cable is too tight.
- Pull the cover -3- back onto the outside of the seat.
- Turn knurled nut for adjustment.

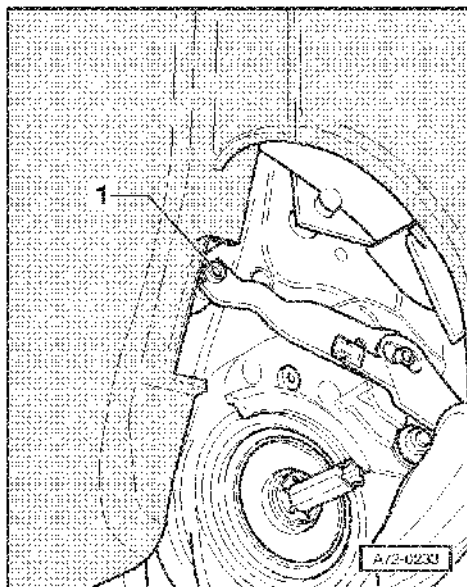
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Basic setting

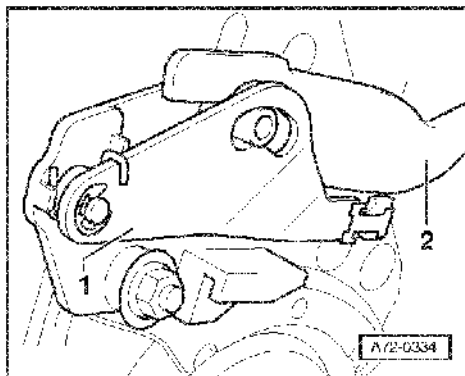
- ♦ If the backrest is tilted back and the rails are locked, spring -1- must not leave its installation position.
- ♦ If the backrest is tilted forward (push backrest forward as far as possible) spring -2- must be tightened at least 3 mm -A-.

— 72-174 —



Removing transfer rod

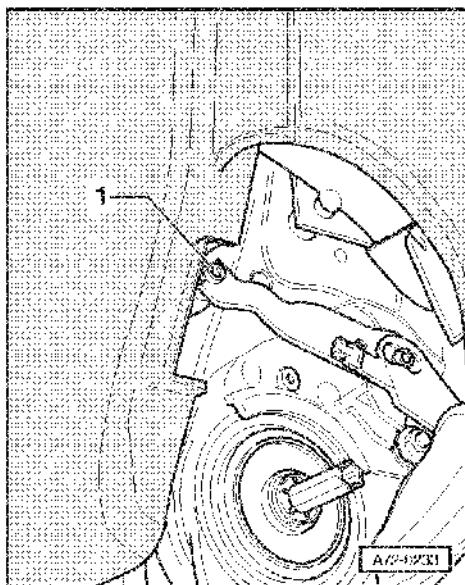
- Remove seat => Page 72-116
- Remove fitting panel (tunnel side) => Page 72-147
- ◀ - Remove fitting panel on door side => Page 72-147
- Unscrew bolt -1- and detach transfer lever.



- ◀ - Remove mounting plate -1- on opposite side and pull out transfer shaft -2-.

72-175

Adjusting transfer rod



- ◆ Adjust transfer rod in such a way that only one side is release when backrest is released.
- ◆ The transfer rod is adjustable on right side.
- Remove fitting panels on right => Page 72-147
- Loosen bolts -1- about 2 turns and press off lever using cone at bolt -1-.
- Move seat backrest forward several times. This causes the transfer rod to align itself independently.
- Tighten bolt -1-.
- Check backrest release and if necessary, repeat adjusting process.

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72-176

Recaro seat cable routing – seat pan

Connector station view

Notes:

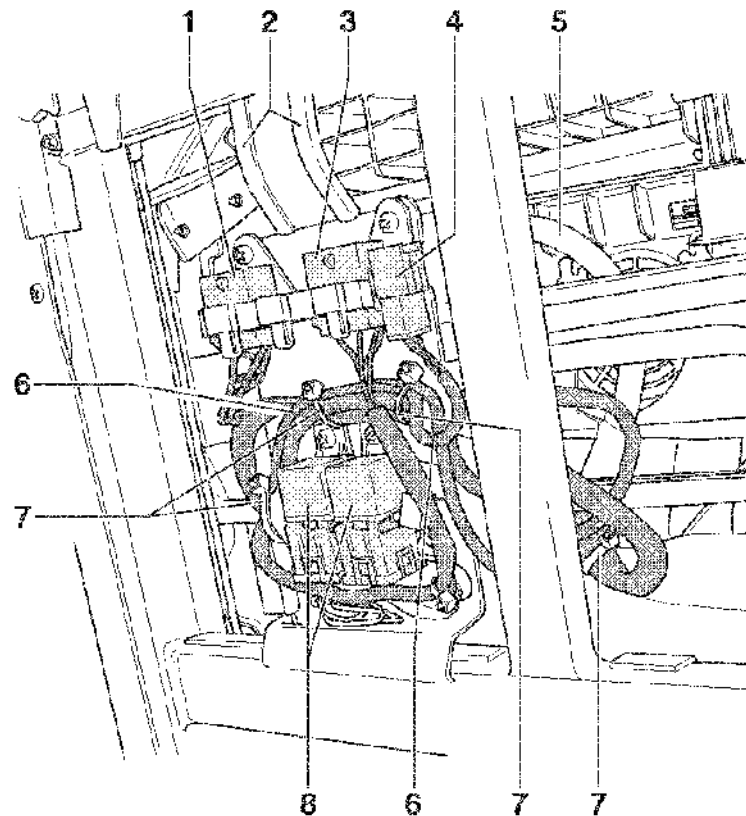
For better clarity, the illustrations show the seat with upholstery removed.

The illustration shows the right seat; the left seat is a mirror image.

1 – 6 way connector (red)

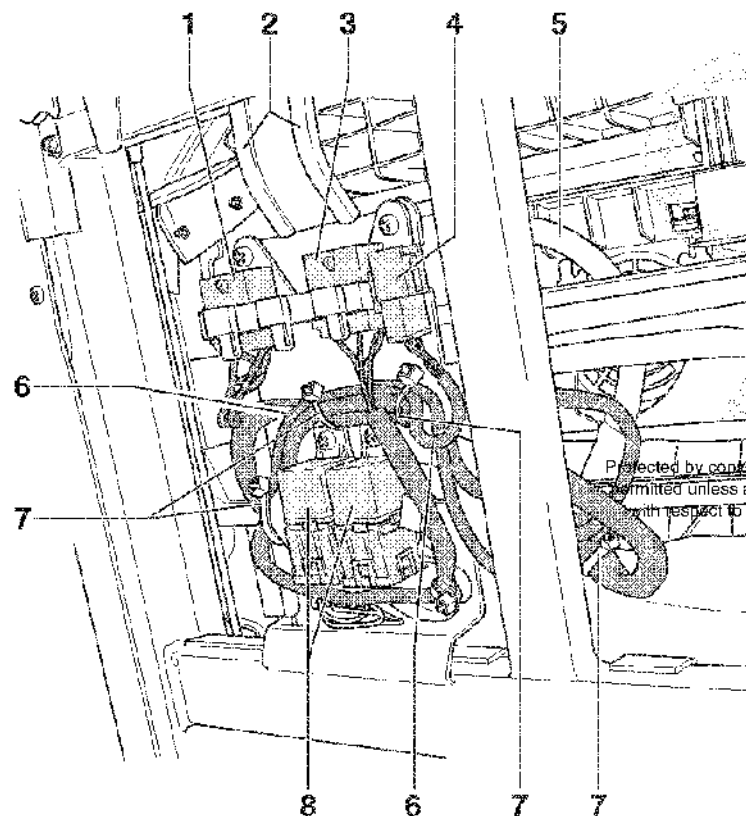
- ◆ Contact 1; electric belt buckle, black.
- ◆ Contact 2; electric belt buckle, black.
- ◆ Contact 3; supply voltage (+); red.
- ◆ Contact 4; supply voltage (-); brown.

2 – Edge protection



A72-0444

72-177



3 – 6 way connector, green

- ◆ Contact 1; NTC (-); brown/white.
- ◆ Contact 2; NTC (+); black/white.
- ◆ Contact 3; heater (-); brown.
- ◆ Contact 4; heater (+); black/yellow.

4 – 4 way connector, yellow, side airbag

- ◆ Contact 1; ignition circuit (+); black.
- ◆ Contact 2; ignition circuit (-); blue.
- ◆ Contact 3; side airbag earth; brown.

5 – Main wiring harness

6 – Side airbag wire

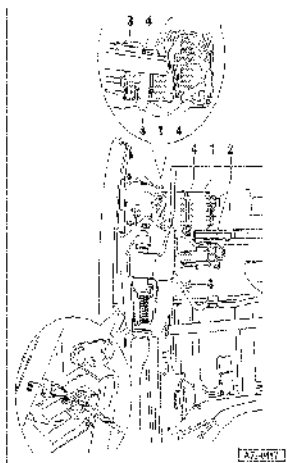
- Lay excess length as a loop.

7 – Cable tie

8 – Relays 1 and 2 for seat height adjustment

A72-0444

72-178



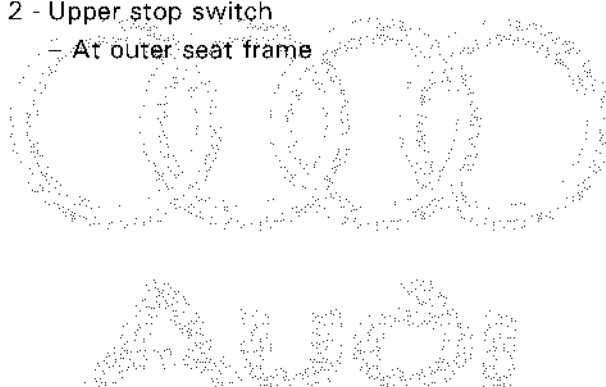
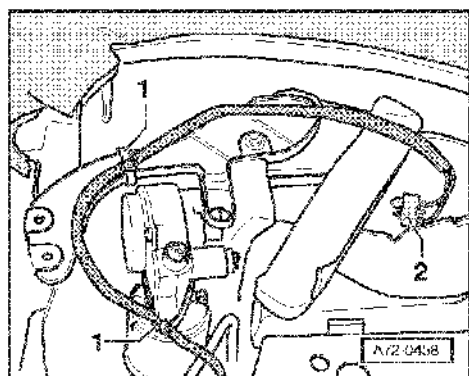
Height adjuster cable routing

- 1 – Seat height adjustment motor
- 2 – Seat height adjustment motor electrical connection
- 3 – Retaining clips (2x)
- 4 – Cable tie
- 5 – Upper stop switch
 - At outer seat frame

72-179

Wire to upper stop switch

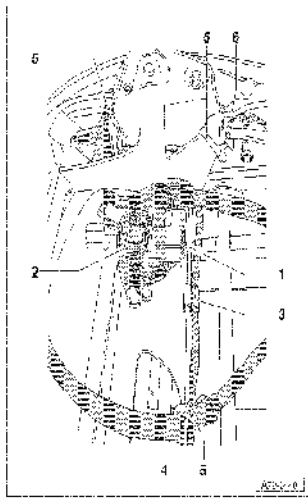
- 1 - Cable ties (2x)
- 2 - Upper stop switch
 - At outer seat frame



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72-180

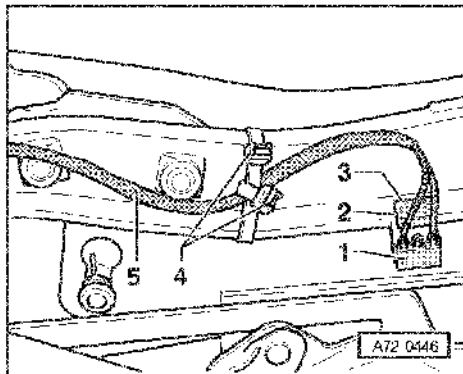


Right front cable routing

- 1 – Backrest motor and heater (seat/backrest) electrical connection
- 2 – Lumbar support motor electrical connection
- 3 – Retaining clips (2x)
- 4 – Main wiring harness
- 5 – Cable tie
- 6 – Wire to lower stop switch
 - At inner seat frame

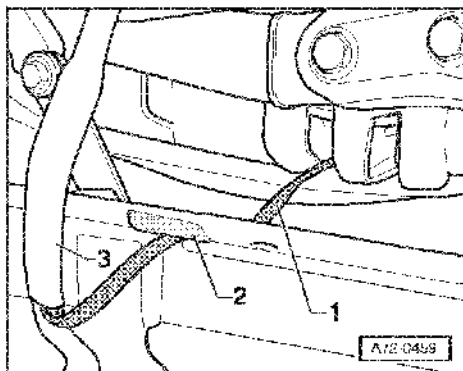
72-181

Wire to lower stop switch



- 1 - Lower stop switch
 - At inner seat frame
- 2 - Retaining clip marking
- 3 - Retaining clip
- 4 - Cable ties (2x)
 - Using a cable tie -4- lay a loop around the seat frame and fasten the wire -5- using a second cable tie -4-.
- 5 - Wire to lower stop switch

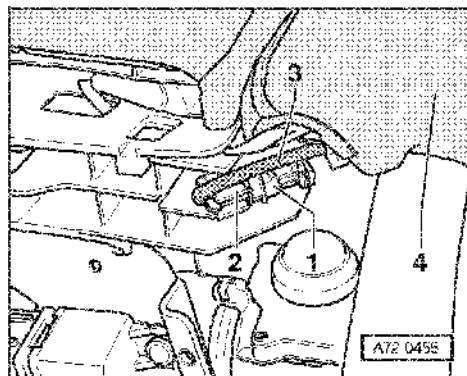
Belt buckle wire



- 1 - Belt buckle wire
 - Belt buckle wire clamped in place -1- with clamp protection -2-.
- 2 - Clamp protection

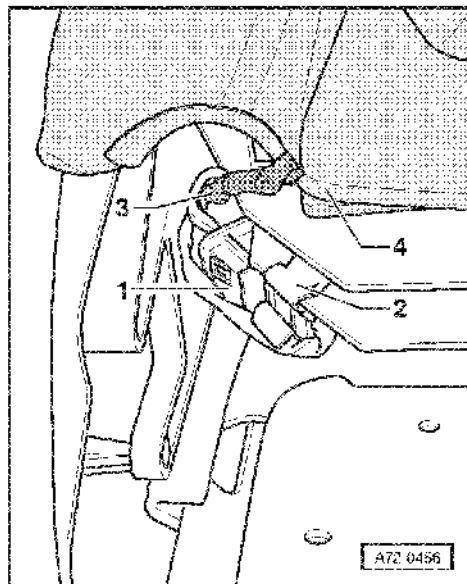
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72-182



Seat heater electrical connection to left seat side cushion

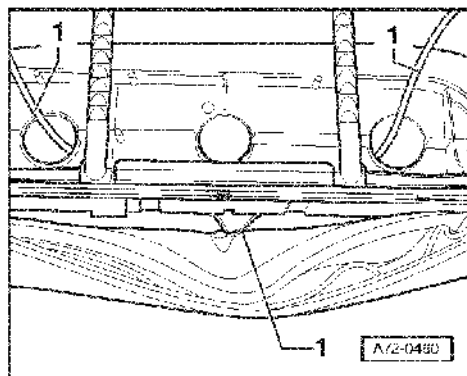
- 1 - Seat heater electrical connection to left seat side cushion
- 2 - Retaining clip
- 3 - Wire to seat side cushion
- 4 - Seat side cushion



Seat heater electrical connection to right seat side cushion

- 1 - Seat heater electrical connection to right seat side cushion
- 2 - Retaining clip
- 3 - Wire to seat side cushion
- 4 - Seat side cushion

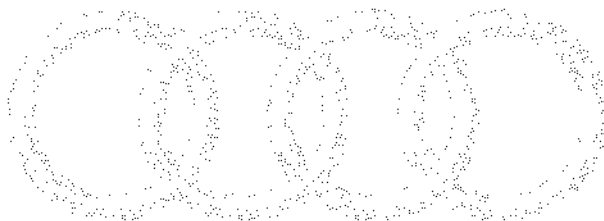
— 72-183 —



Seat heater wire to seat extension

Note:

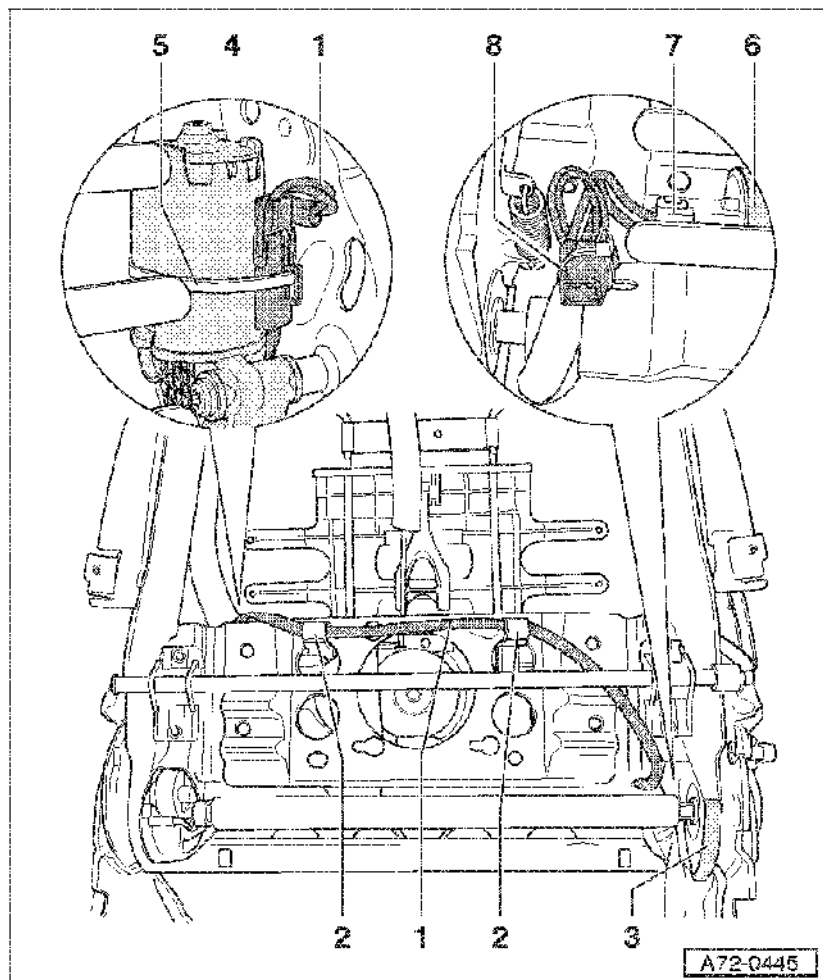
- ◆ The illustration shows the seat extension removed and viewed from below.
- 1 - Seat heater wire to seat extension



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— 72-184 —



Recaro backrest cable routing

Notes:

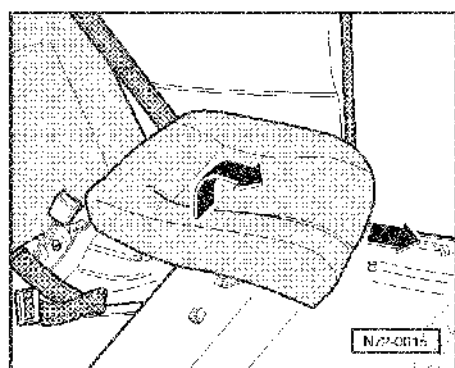
For better clarity, the illustrations show the backrest with upholstery removed.

View of backrest cable routing from rear.

Magnified views shown from front.

- 1 – Wire to backrest motor
- 2 – Retaining clips (2x)
- 3 – Edge protection (right side only)
- 4 – Backrest motor
- 5 – Cable tie
- 6 – Lumbar support motor
- 7 – Lumbar support motor electrical connector
- 8 – Seat heater electrical connector

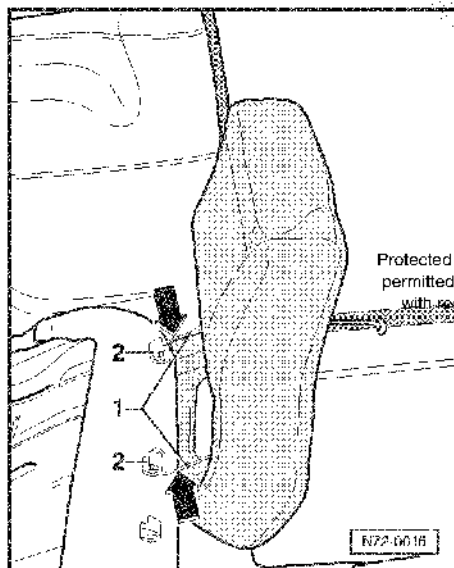
72-185



Rear seat

◀ Removing seat and backrest (split)

- Use loops to pull forward and lift up seat bench sections.



- Press spring bracket -1- in direction of arrow and guide out of hinges -2-.
- Lift seat bench sections out of vehicle.
- ♦ For vehicles with third three-point belt:
- Unscrew attachment point for centre floor panel => Page 69-39

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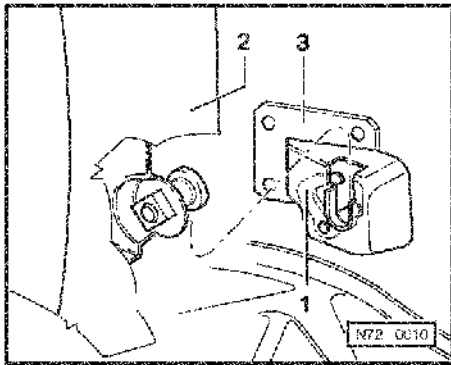
72-186

- Fold both backrests down.

Note:

Backrest can only be removed and installed when lying flat.

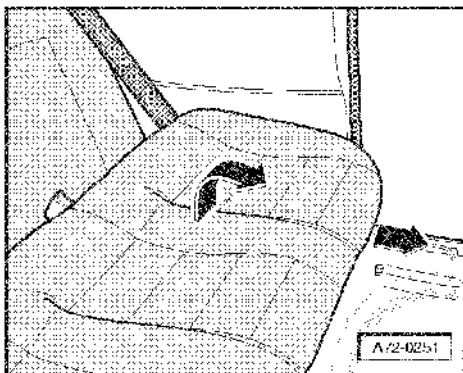
- Push back release hook -1- left and right with a screwdriver and pull out backrest -2- from backrest bearing -3- towards top.
- Pull backrest out of centre console and remove from vehicle.



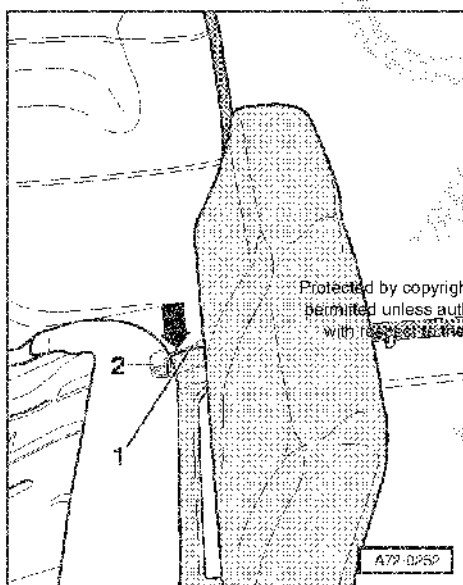
72-187

Removing seat bench (non-split)

- Use loops to pull forward and lift up seat bench.

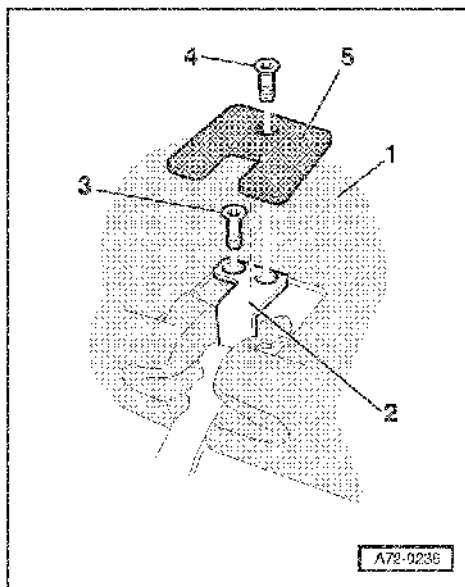


- Push left and right spring brackets -1- in direction of arrow and guide out of hinges -2-.
- Lift seat bench out of vehicle.



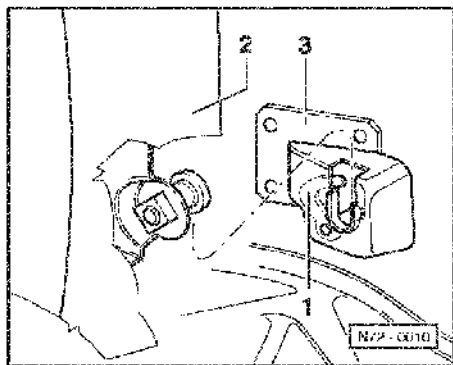
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72-188



Removing backrest (non-split)

- ◆ Removal of seat bench analogous to that of split backrest => Page 72-186
- ◀
 - Fold backrest forwards -1-.
 - Unscrew bolt -4-.
 - Tightening torque 20 Nm
 - Detach panel -5-.
 - Unscrew bolt -3-.
 - Tightening torque 20 Nm

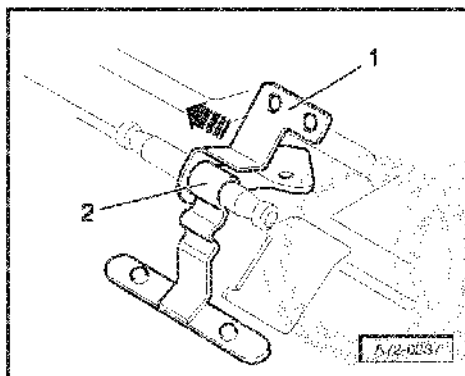


Note:

- ◀ *Backrest can only be removed and installed when lying flat.*
 - Push back release hook -1- left and right with a screwdriver and pull out backrest -2- from backrest bearing -3- towards top.

— 72-189 —

Removing bracket for backrest (non-split)



- Remove rear seat backrest => Page 72-189
- Remove bracket -1- from centre console -2- in direction of arrow.
- ◆ Push bracket onto right centre console.

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— 72-190 —

Front seat covers and upholstery

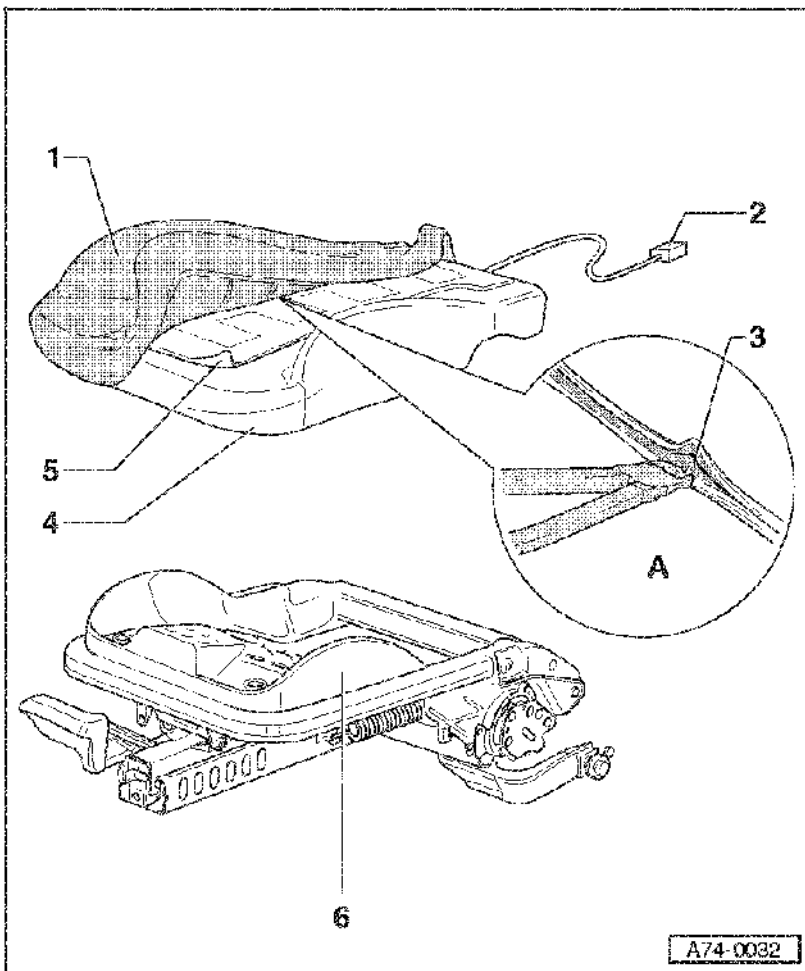
Removing and installing seat cover and upholstery

◆ Removing

- Removing seat up to 01. 1999 => Page 72-7
- as of 01. 1999 => Page 72-11
- Remove backrest => Page 72-20
- Remove drawer frame => Page 72-29
- Unclip (2x) connector -2- for seat heating from bracket.
- Lever fabric fastening strip out of guide slot.
- Lift up cover -1- and cut staples -A-.

◆ Installing

- Use stapling tool V.A.G 1634 to fit new staples.



74-1

- When fitting, staple transverse rods first, then longitudinal rods.

1 - Seat cover

2 - Connector

3 - Staples

4 - Padding

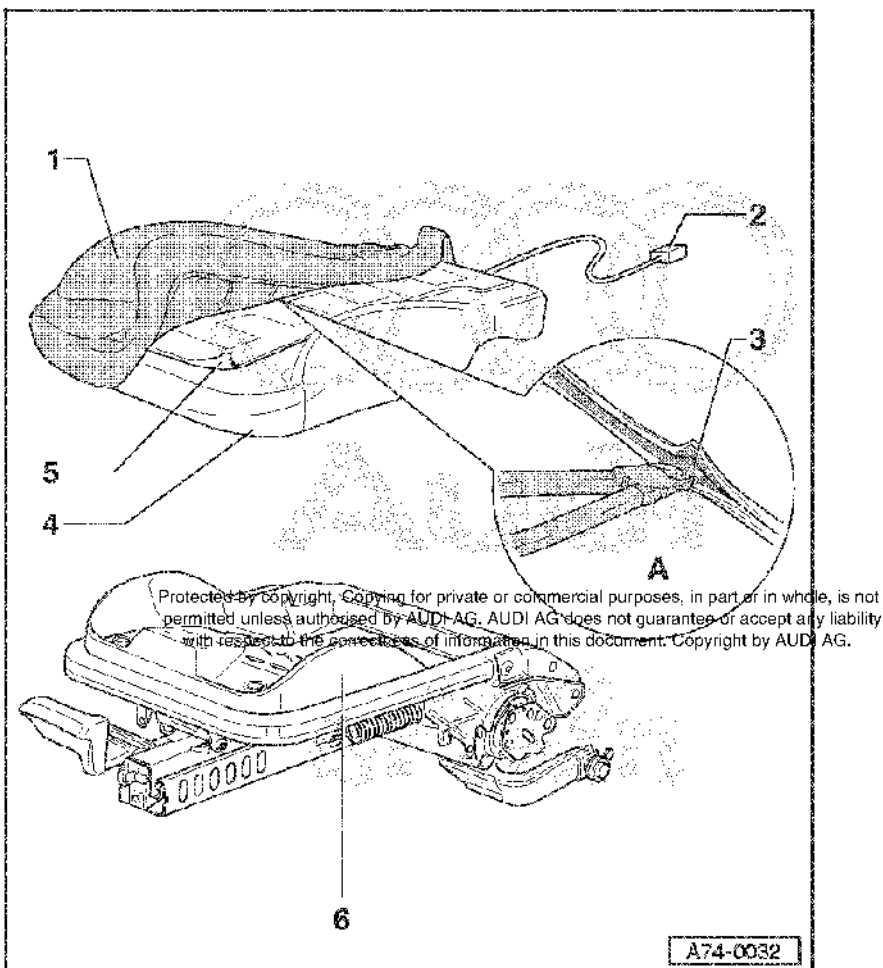
- Remove upholstery.

5 - Seat heating

- Removing and installing seat heating in vehicles without side airbag => Fig. 2

- ◆ For vehicles with side airbag the seat heating is offered as spare part only in connection with sensor mat and seat upholstery.

6 - Seat pan



74-2

Removing and installing seat cover and upholstery

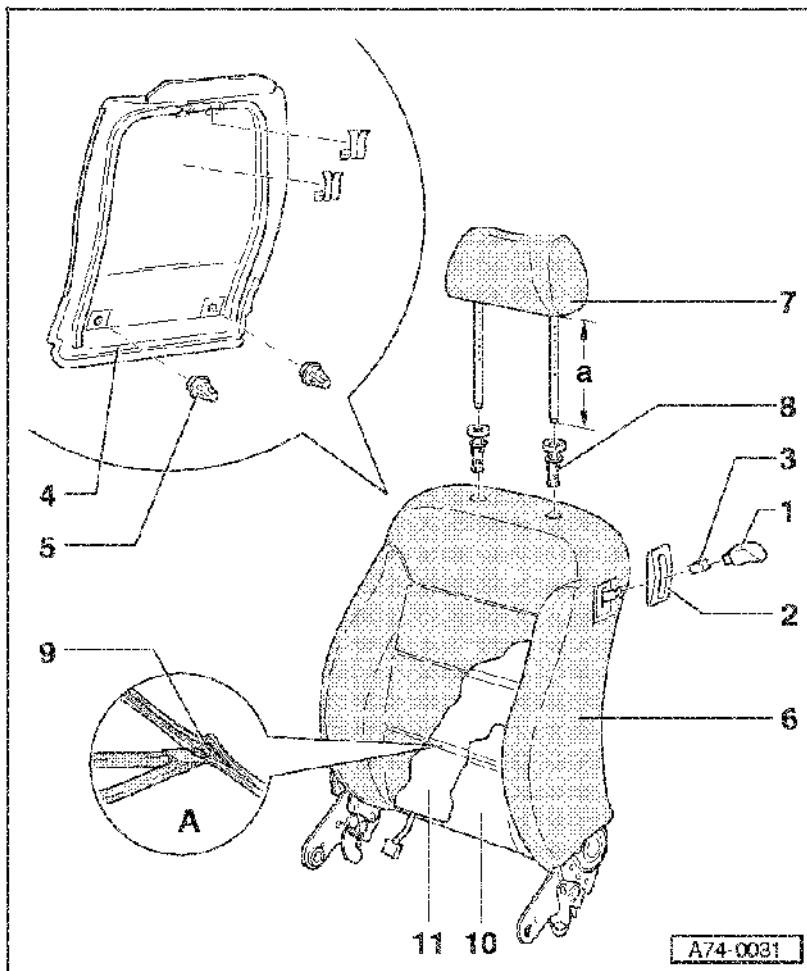
Important

Important

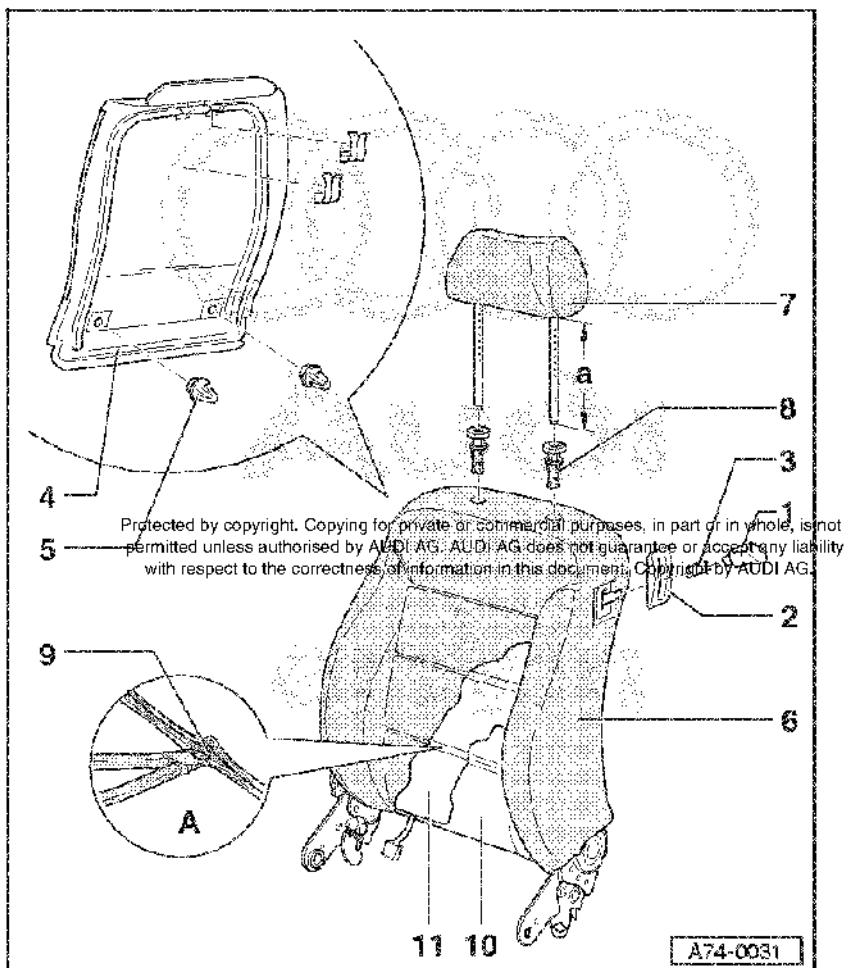
Always read the relevant current safety precautions for vehicles fitted with side air-bags =>

♦ Removing

- Removing seat up to 01. 1999 => Page 72-7
- as of 01. 1999 => Page 72-11
- Remove backrest => Page 72-20

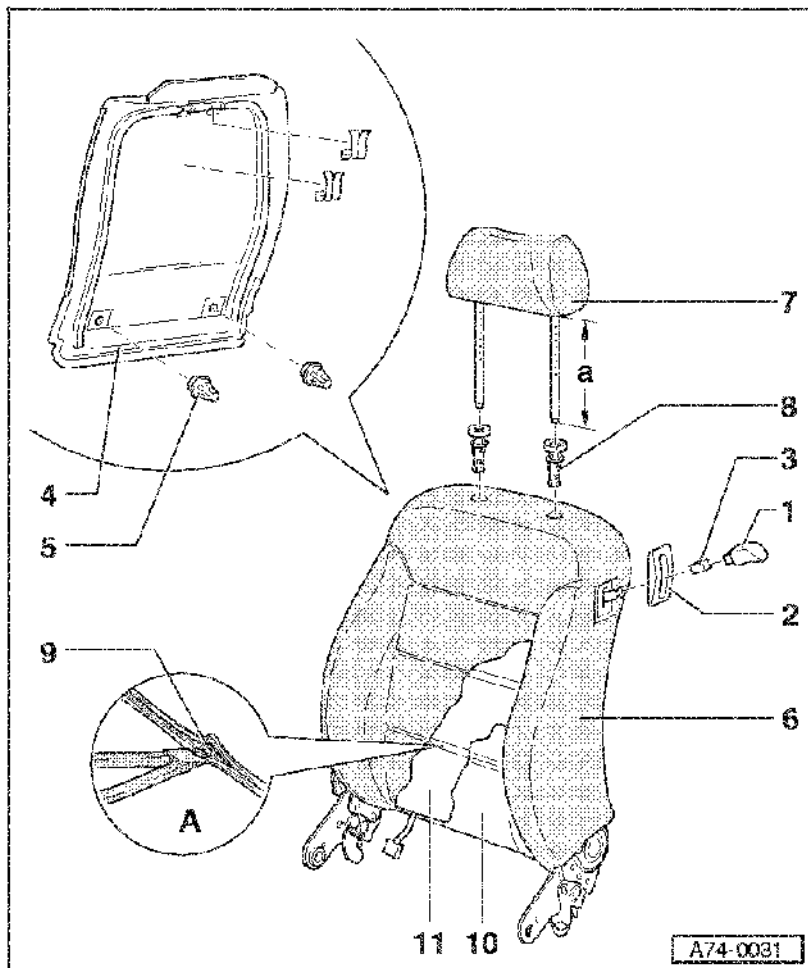


74-3



- Unscrew bolts (2x) from elastic strips.
- Remove backrest release -1-.
- Lever out cover plate -2-.
- Lever seat cover fastening strip off backrest cover -4- => Page 74-10
- Unclip backrest trim -4- with clips -5-.
- Pull out backrest cover -4- towards bottom.
- Detach backrest cover at rear.
- Remove head restraint -7- by pressing catch on left rod.
- Remove head restraint guide => Fig. 1
- Lift up cover -9- and cut staples -A-.

74-4

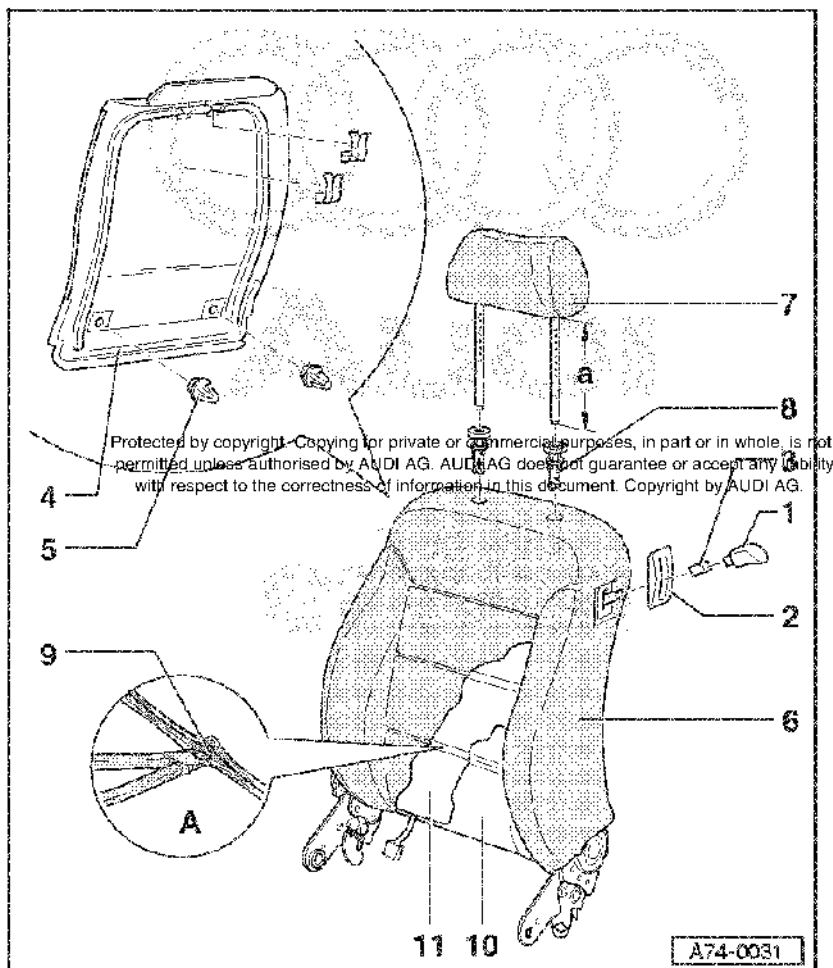


- Remove upholstery.
- Remove backrest heating => Fig. 3

◆ Installing

- Use stapling tool V.A.G 1634 to fit new staples.
- To facilitate assembly, push back longitudinal rods as far as first transverse rod.
- When fitting, staple transverse rods first, then longitudinal rods.
- If fitting a new seat cover, feel for backrest locking mechanism and cut fabric accordingly.
- The cut must be covered by the cover plate.

74-5



- 1 – Backrest release
- 2 – Cover plate
- 3 – Clamp
- 4 – Backrest trim
- 5 – Clips
- 6 – Backrest cover
- 7 – Head restraint
 - Head restraint with short rod (a = 175 mm) for front.
- 8 – Head restraint guide
- 9 – Staples
- 10 – Padding
- 11 – Backrest heating

74-6

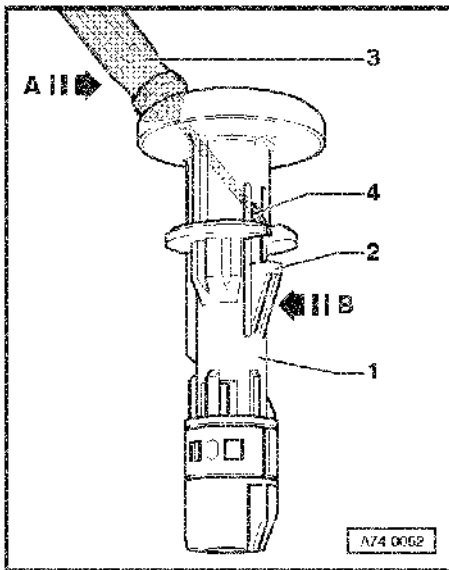


Fig.1 Removing head restraint guides

For improved clarity, head restraint guide -1- is shown removed.

- Insert padding needle or screwdriver -3- with maximum width of 2 mm into hole -4- (hole -4- is opposite retaining clip for head restraint guide).
- By levering screwdriver -3- in direction of arrow -A- press retainer tab -2- in direction of arrow -B- and in doing so pull out head restraint guide -1-.

♦ Front head restraint guide; short version with straight head.

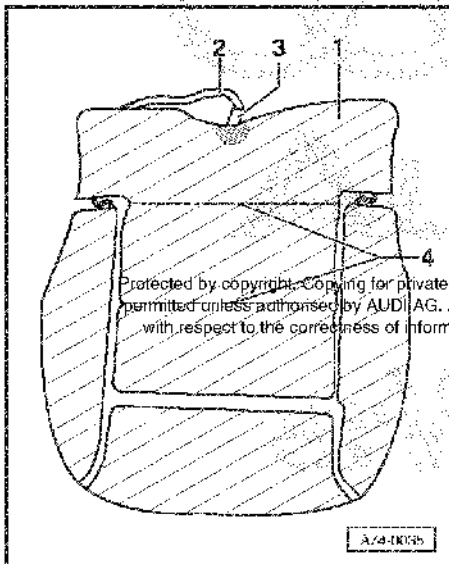
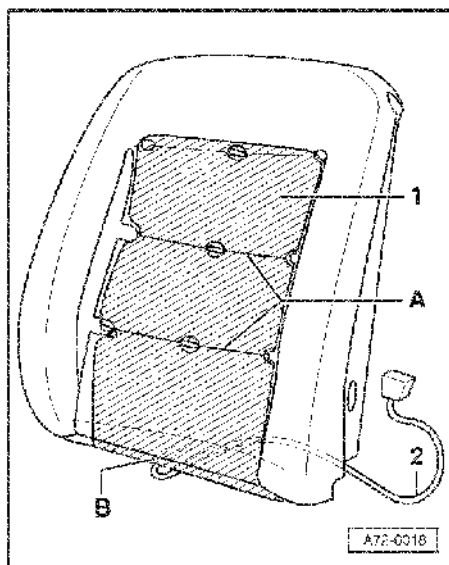


Fig.2 Removing seat heating

- Remove seat cover => Page 74-1
- When removing, warm heating element -1- slightly with workshop hot air blower and detach carefully.
- Bond new heating element on, making sure there are no folds in it.
- Enter heating element into folds at locations marked -4-.
- Enter electric wiring -2- into the intended groove -3-.

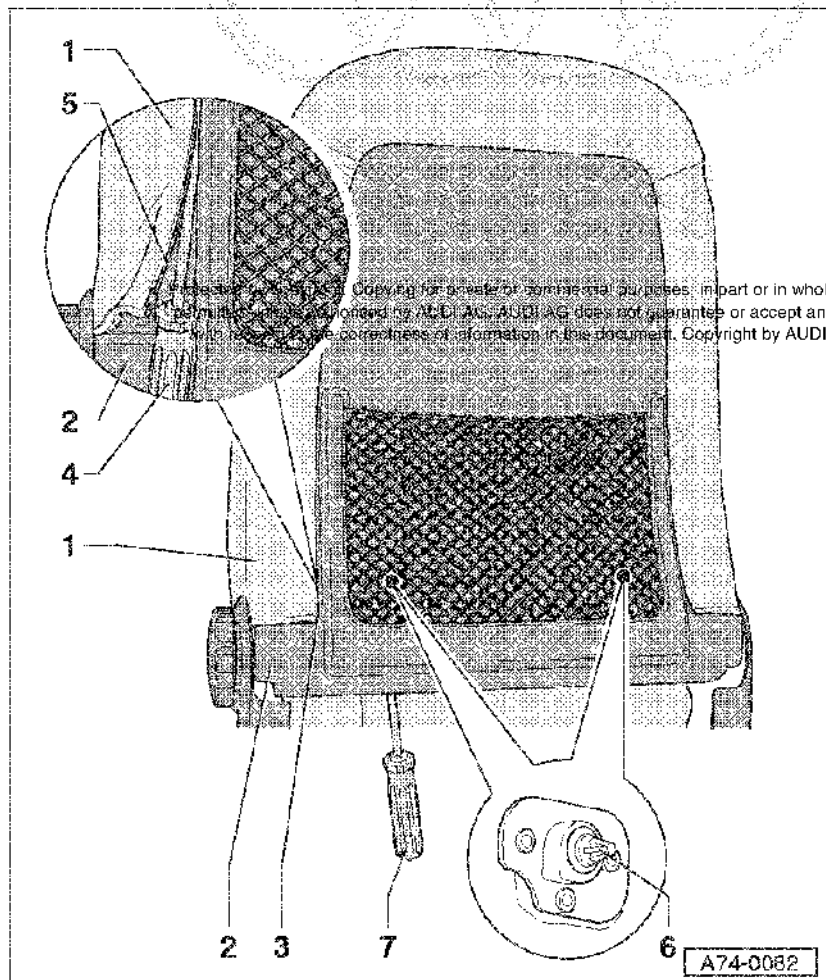
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◀ **Fig.3 Removing backrest heating**

- Remove cover for backrest => Page 74-3
- When removing, warm heating element -1- slightly with workshop hot air blower and detach carefully.
- Bond new heating element on, making sure there are no folds in it.
- Enter heating element into folds at locations marked -A-.
- Enter electric wiring -2- into the intended groove - B-.

74-9

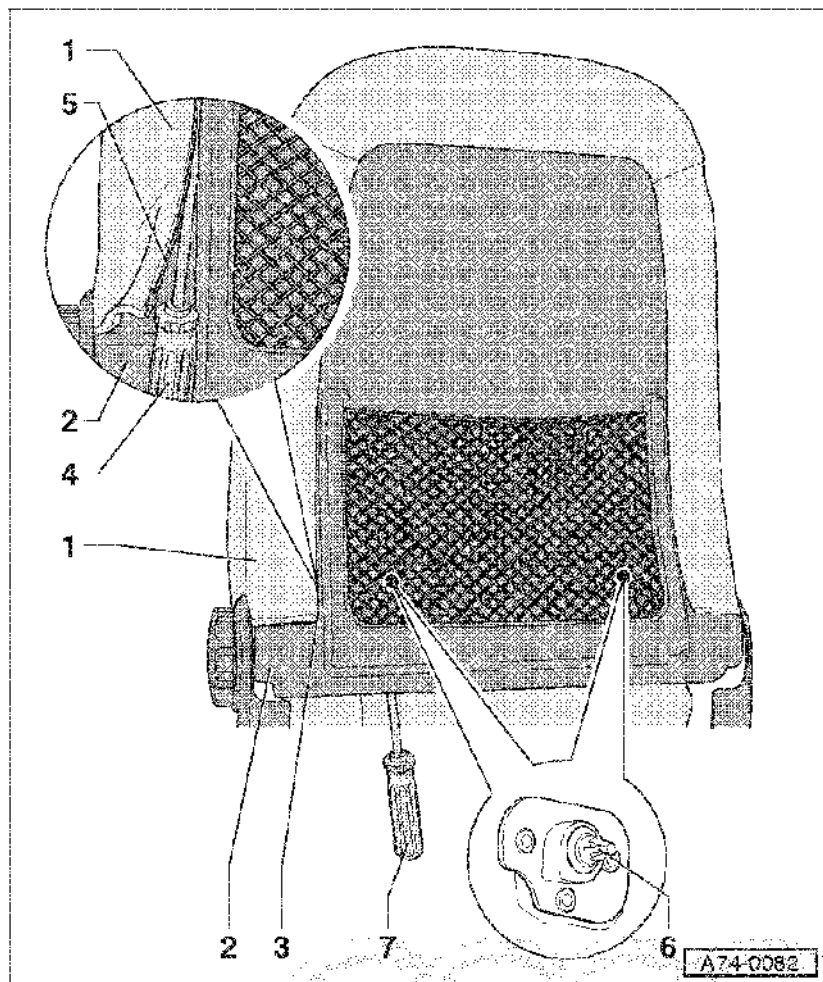


Removing and installing backrest cover

1 - Seat cover

- Use screwdriver -4- to lever out fabric piping -5- starting at Item -3-.
- Lever out piping -3- all round.
- Apply screwdriver -7- at clips -6- and turn/lever with screwdriver -7- until clip -6- disengages.

74-10



2 – Backrest trim

3 – Fabric offset

4 – Screwdriver

5 – Beading

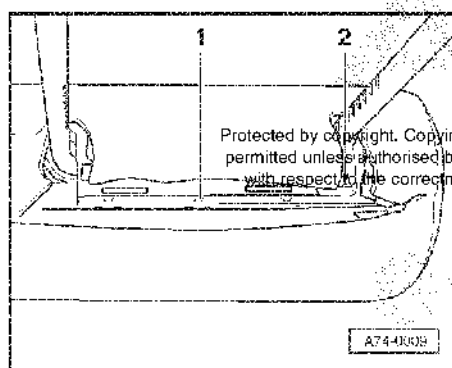
6 – Clip (2x)

♦ Always renew damaged clips.

7 – Screwdriver

74-11

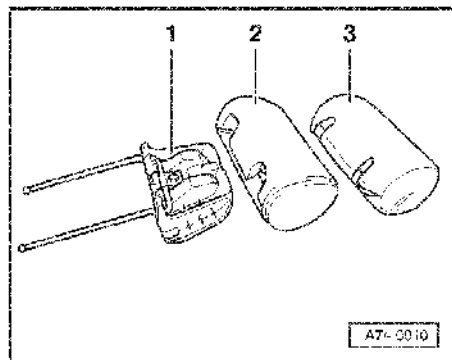
Removing and installing seat cover and upholstery



– Remove head restraint.

♦ Removing:

– Use a screwdriver to lever out fastening strip -2- from guide



– Remove head restraint mount -1- from upholstery -2-.

– Remove padding -2- from cover -3-.

♦ Installing:

– Insert padding -2- correctly into cover -3-.

– Insert head restraint mount -1- into upholstery -2-.

– Press fastening strips firmly into guide channel (pull to check).

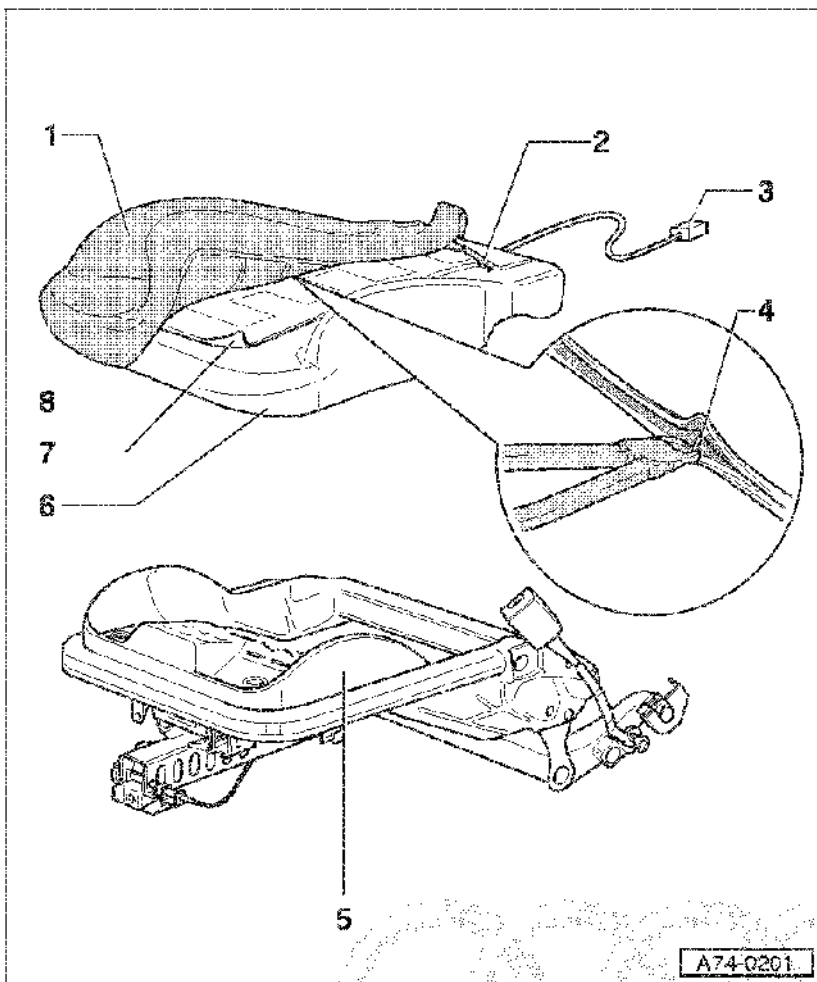
74-12

Covers and upholstery for sports seat

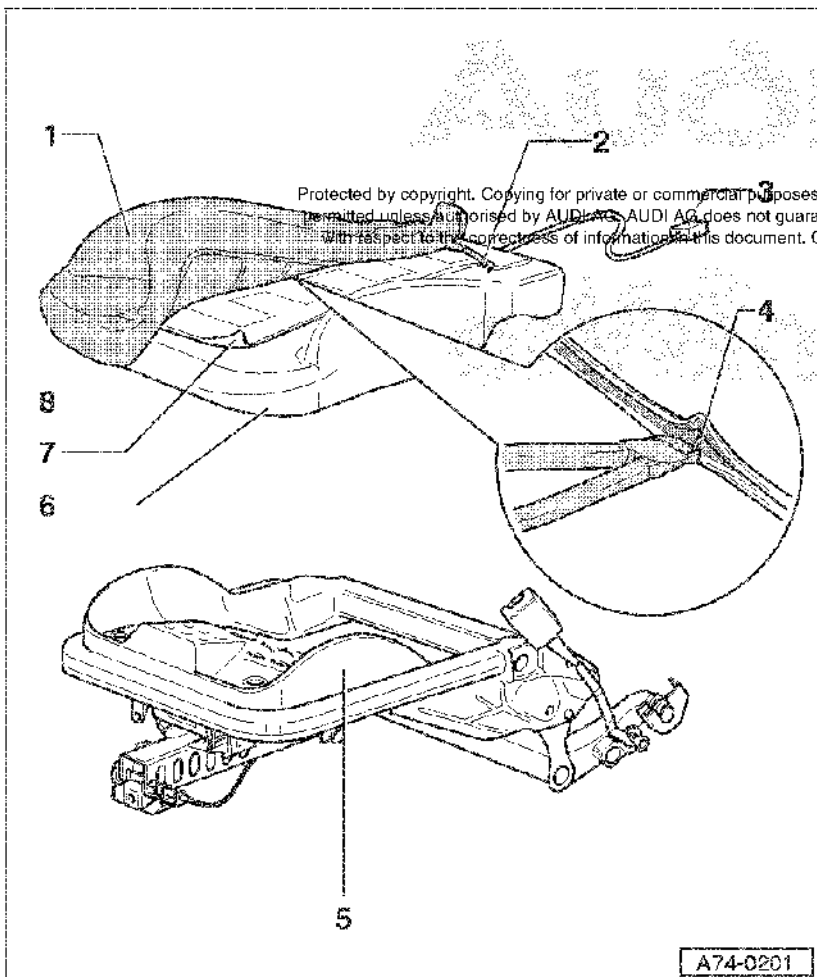
Removing and installing cover and upholstery for seat pan

◆ Removing

- Removing sports seat => Page 72-71
- Removing backrest => Page 72-78
- Dismantling drawer => Page 72-89
- Remove drawer frame => Page 72-90
- Unclip (2x) connector -2- for seat heating from bracket.
- Disengage the rubber belts -2- (2x).
- Lever out fastening strip -8- along edge of fabric cover -1-.



74-13



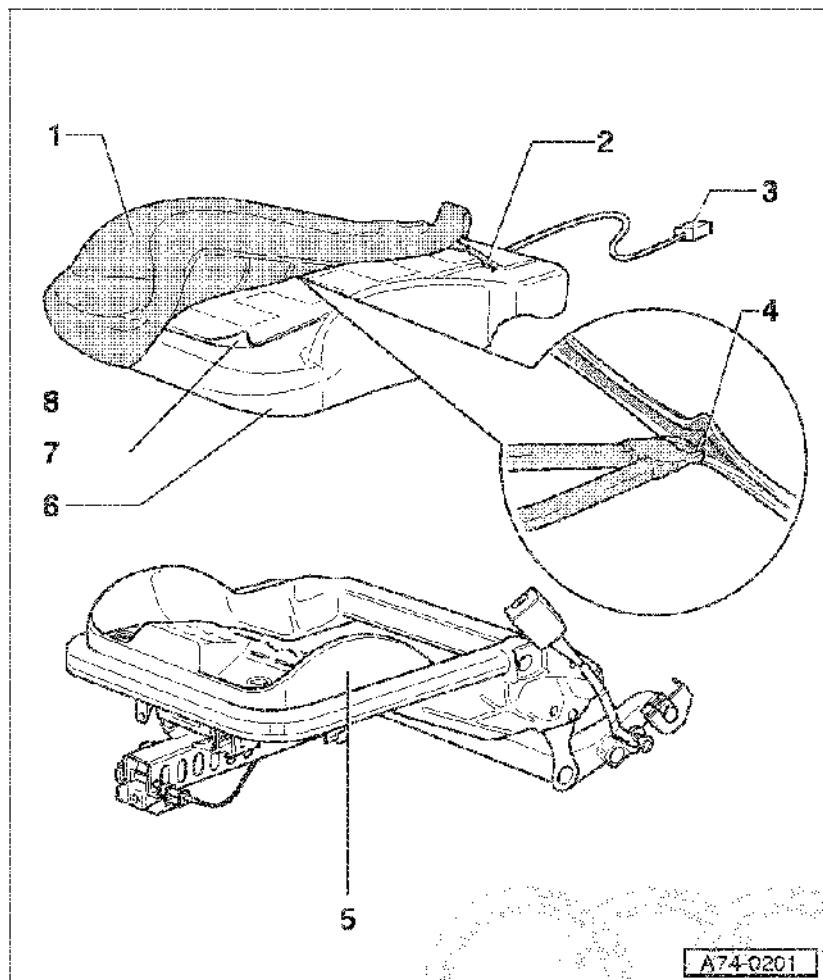
- Remove the fabric cover -1- and cut through the wire clips -4-.

◆ Installing

- Use stapling tool V.A.G 1634 to fit new staples.
- When fitting, staple transverse rods first, then longitudinal rods.

- 1 - Seat cover
- 2 - Rubber belts (2x)
- 3 - Seat heating connector
- 4 - Staples
- 5 - Padding

74-14



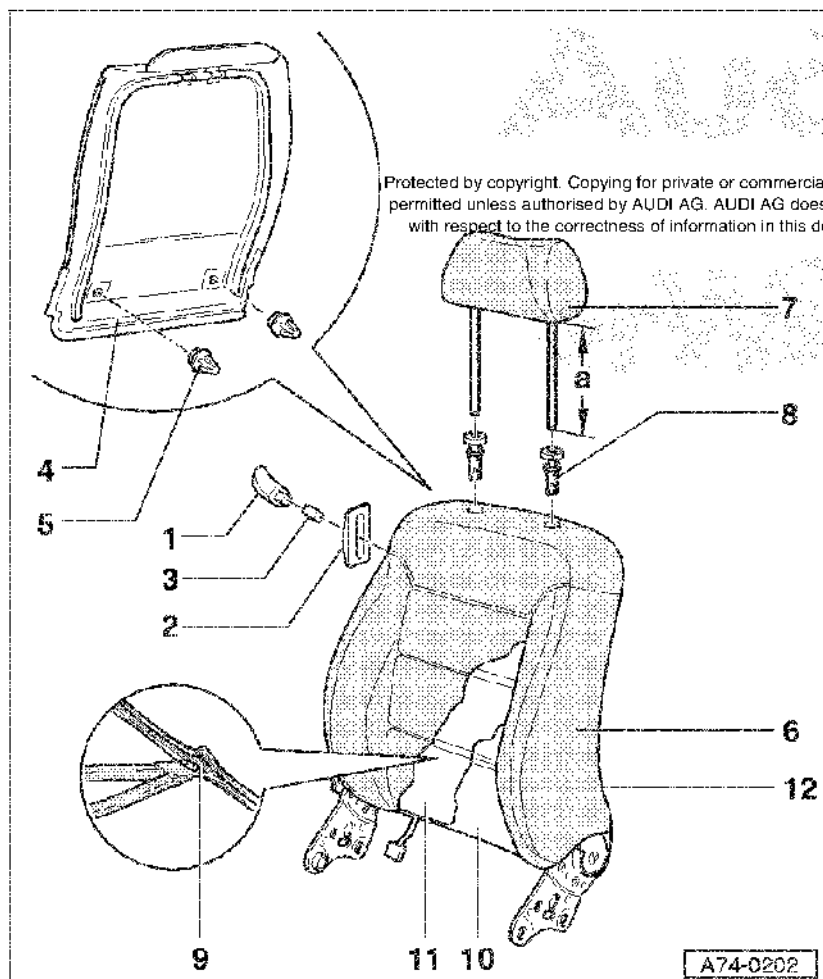
6 – Seat pan

7 – Seat heating

- Removing and installing seat heating in vehicles without side airbag => Fig. 2
- ◆ For vehicles with side airbag the seat heating is offered as spare part only in connection with sensor mat and seat upholstery.

8 – Fastening strip along edge

74-15



Removing and installing backrest cover and upholstery

Important

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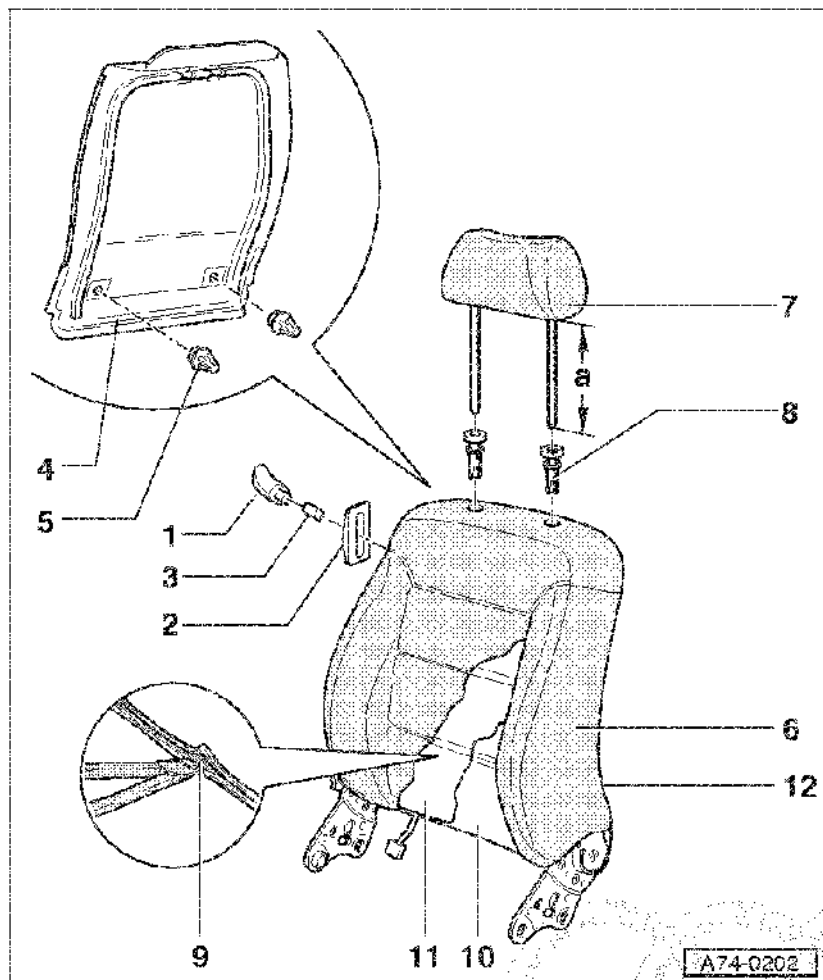
Important

Always read the relevant current safety precautions for vehicles fitted with side airbags =>

◆ Removing

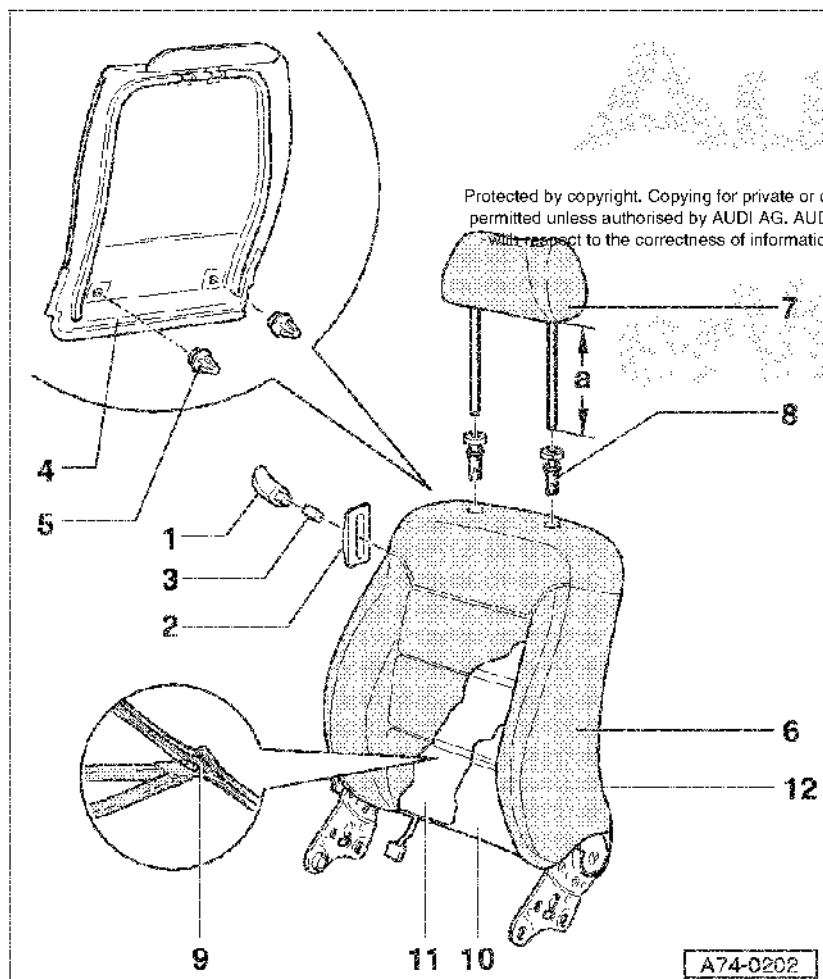
- Removing sports seat => Page 72-71
- Removing backrest => Page 72-78

74-16



- Unscrew the bolt from the elastic strips.
- Pull off the backrest release - 1-.
- Lever out the cover plate - 2-.
- Lever out the backrest cover - 4- with clips - 5-.
- Lever out the fastening strip along edge - 12- of backrest fabric cover - 6-.
- Remove head restraint - 7- by pressing button on left rod.
- Remove head restraint guide => Fig. 1
- Remove backrest fabric cover - 6- from bottom to top and cut through the wire clips - 9-.
- Remove padding - 10-.
- Remove backrest heating => Fig. 3

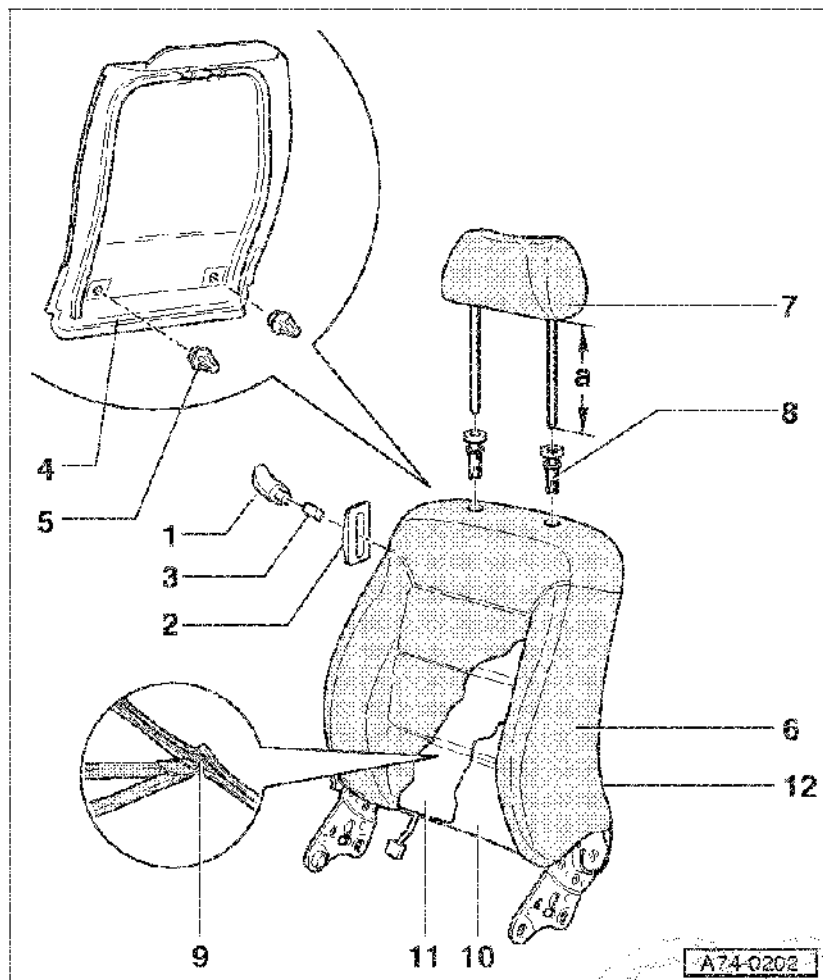
74-17



◆ Installing

- Use stapling tool V.A.G 1634 to fit new staples.
- To facilitate assembly, push back longitudinal rods as far as first transverse rod.
- When fitting, staple transverse rods first, then longitudinal rods.
- If fitting a new seat cover, feel for backrest locking mechanism and cut fabric accordingly.
- The cut must be covered by the cover plate.

74-18



- 1 – Backrest release
- 2 – Cover plate
- 3 – Clamp
- 4 – Backrest trim
- 5 – Clips
- 6 – Backrest cover
- 7 – Head restraint
 - Head restraint with short rod (a = 175 mm) for front.
- 8 – Head restraint guide
- 9 – Staples
- 10 – Padding
- 11 – Backrest heating
- 12 – Fastening strip along edge

74-19

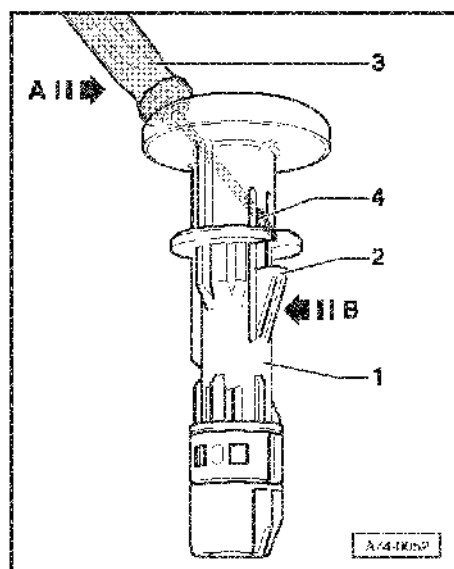


Fig.1 Removing head restraint guides

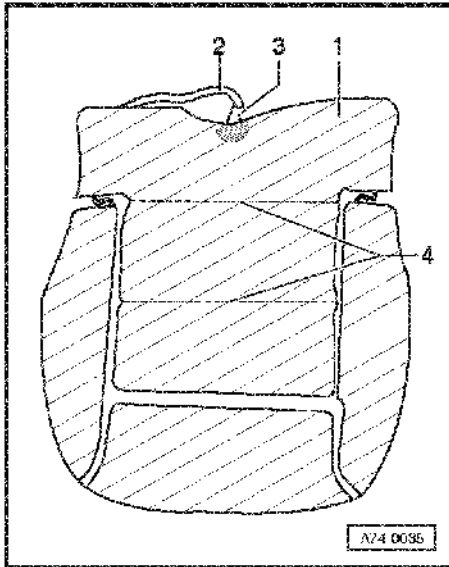
For improved clarity, head restraint guide -1- is shown removed.

– Insert padding needle or screwdriver -3- with maximum width of 2 mm into hole -4- (hole -4- is opposite retaining clip for head restraint guide).

– Press retainer tab -2- in direction of arrow -B- by levering screwdriver -3- in direction of arrow -A- and pull out head restraint guide -1-.

♦ Front head restraint guide; short version with straight head.

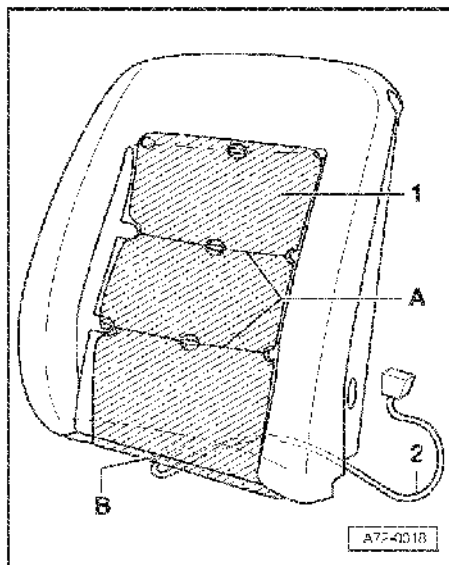
74-20



◀ Fig.2 Removing seat pan heater

- Remove seat pan fabric cover => Page 74-13
- When removing, warm heating element -1- slightly with workshop hot air blower and detach carefully.
- Bond new heating element on, making sure there are no folds in it.
- Enter heating element into folds at locations marked -4-.
- Enter electric wiring -2- into the groove -3- provided.

74-21



◀ Fig.3 Removing backrest heating

- Remove cover for backrest => Page 74-16
- When removing, warm heating element -1- slightly with workshop hot air blower and detach carefully.
- Bond new heating element on, making sure there are no folds in it.
- Enter heating element into folds at locations marked -A-.
- Enter electric wiring -2- into the groove -B- provided.

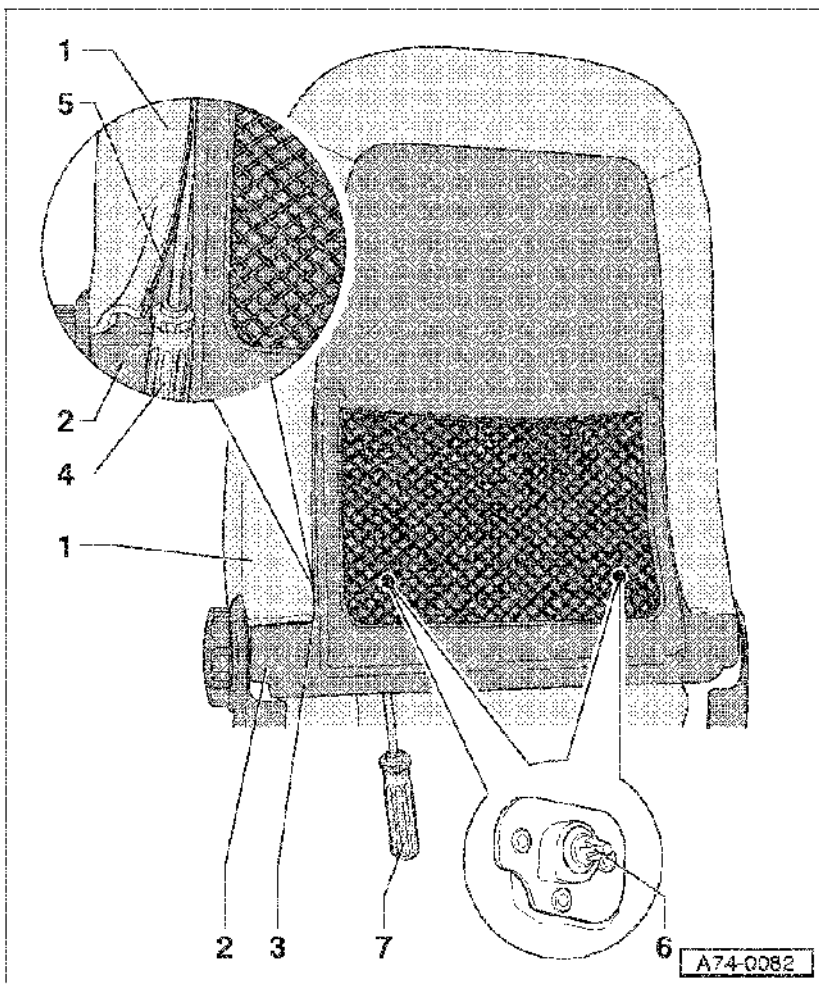
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74-22

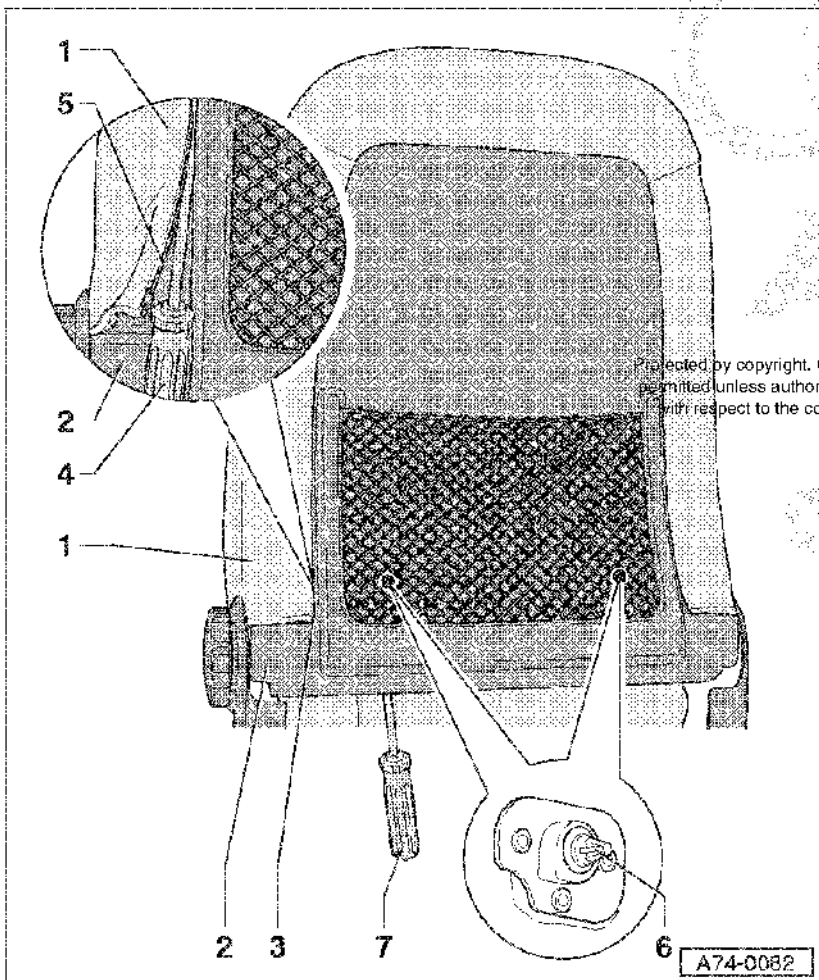
Removing and installing back-rest cover

1 – Seat cover

- Use screwdriver -4- to lever out fabric piping -5- starting at item -3-.
- Lever out piping -3- all round.
- Apply screwdriver -7- at clips -6- and turn/lever with screwdriver -7- until clip -6- disengages.



74-23



2 – Backrest trim

3 – Fabric offset

4 – Screwdriver

5 – Beading

6 – Clip (2x)

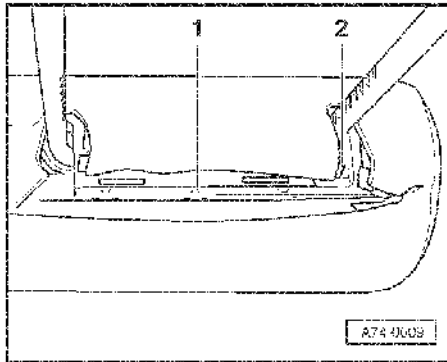
◆ Always renew damaged clips.

7 – Screwdriver

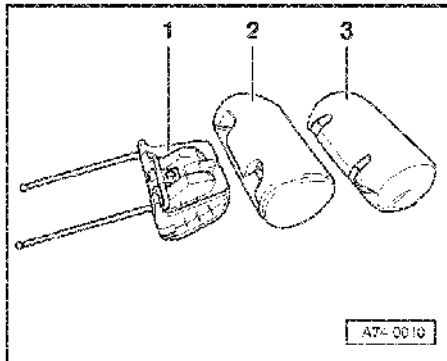
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74-24

Removing and installing head restraint fabric and upholstery

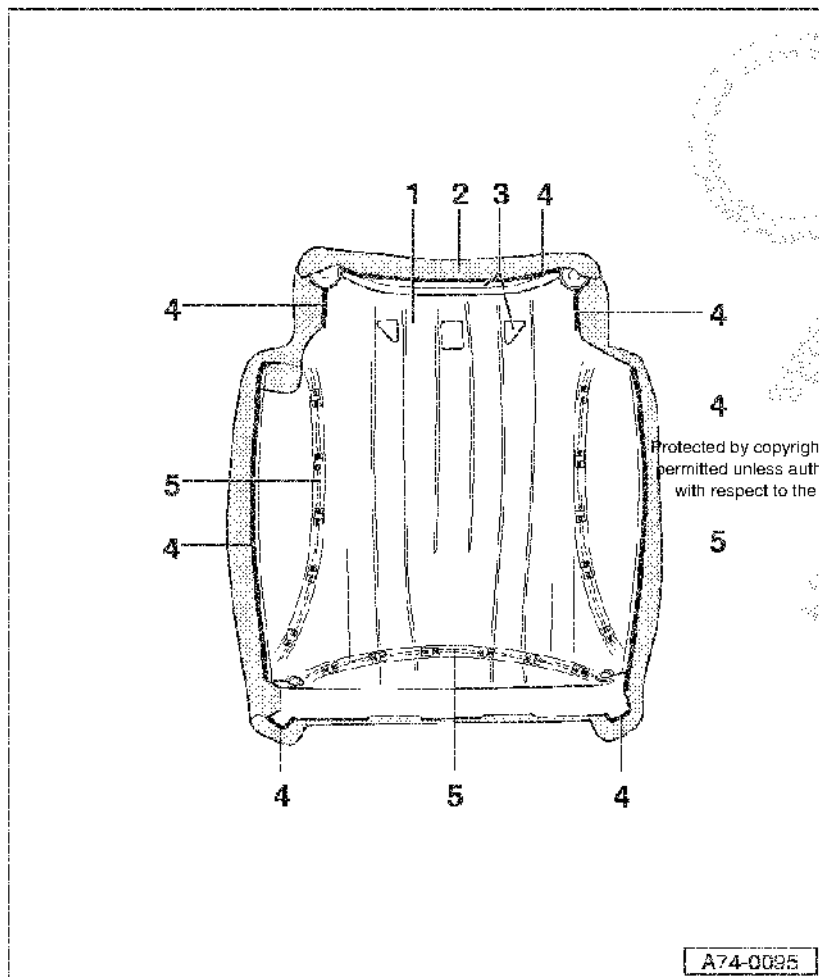


- ◀ – Remove head restraint.
- ◆ Removing:
 - Use a screwdriver to lever out fastening strip -2- from guide channel -1-.



- ◀ – Remove head restraint mount -1- from upholstery -2-.
- Remove padding -2- from cover -3-.
- ◆ Installing:
 - Insert padding -2- correctly into cover -3-.
 - Insert head restraint mount -1- into upholstery -2-.
 - Press fastening strips firmly into guide channel (pull to check).

74-25



Covers and upholstery Re-caro seat

Removing and installing seat cover and upholstery

Note:

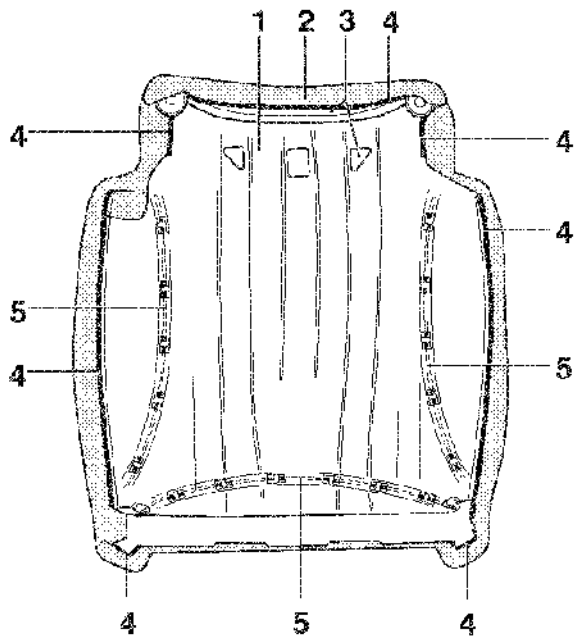
For greater clarity cushion is shown from below and without console. Upholstery work does not involve removing console.

1 – Seat shell

2 – Seat cover

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74-26

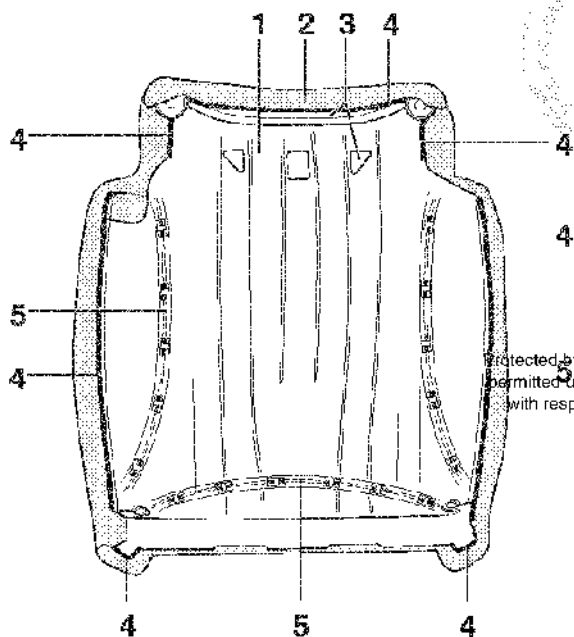


A74-0095

◆ Removing

- Raise seat as far as possible.
- Remove seat => Page 72-116
- Remove seat cushion => Page 72-130
- Set down cushion such that underside of seat shell -1- is readily accessible.
- If applicable, detach seat heating cables => Page 74-39
- Pull fabric -2- out of the seven insertion slots -4- on outside of seat pan.
- Unclip seat extension cover.
- Disengage fabric fastening strips from fastening hooks -5- at seat shell.
- Detach both seat cover -2- and upholstery -3- (and if fitted seat heating/seat occupied sensor) from seat shell.
- Pull cover -2- off upholstery -3-.

74-27



A74-0095

◆ Installing

- Place upholstery -3- on cushion.
- Pull fabric fastening strips through slits in upholstery.
- Engage fastening strips at fastening hooks -5- at seat shell.
- Pull cover -2- completely over upholstery -3-.
- Fold edge of fabric with securing strips inwards.
- Press fabric securing strips into the seven seat-shell insertion slots -4- such that they engage.
- Clip in the seat extension cover => Fig. 1

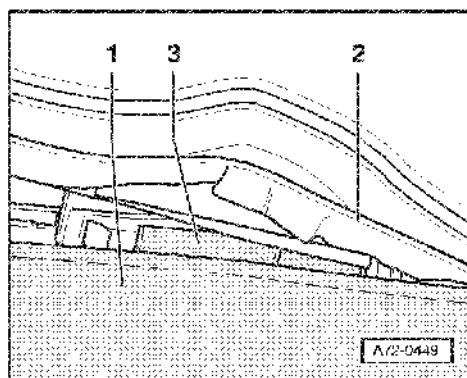
3. Padding

4 - Insertion slots on outside of seat shell (7x)

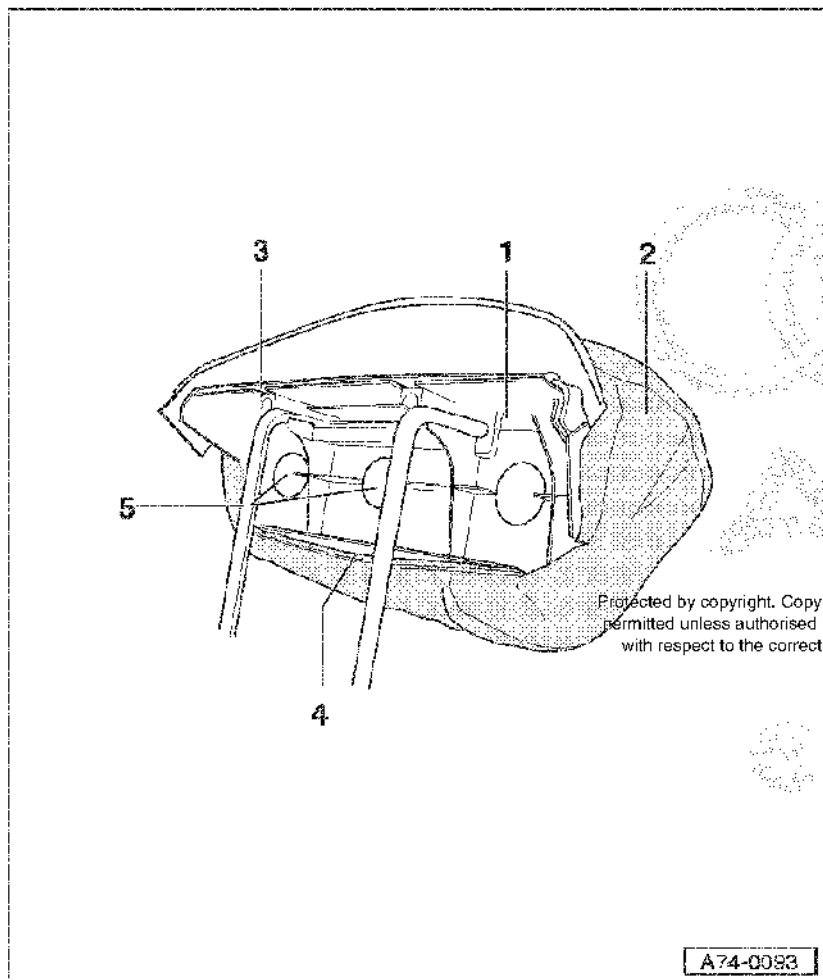
5 - Fastening hooks at seat shell

74-28

Fig.1 Seat extension cover



When installing the seat extension cover -1-, the fabric -2- must be pushed back and engaged in the seat shell with tab -3-.



Removing and installing cover and upholstery for seat extension

1 – Seat extension

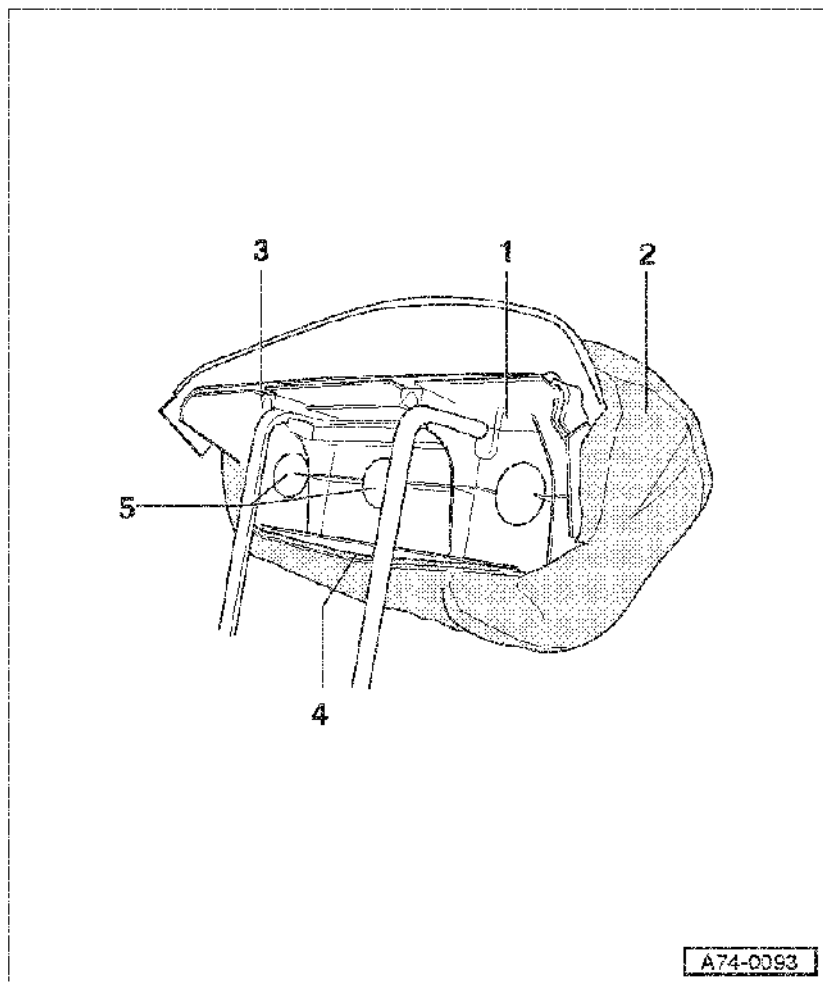
2 – Seat cover

◆ Removing

- Raise seat as far as possible.
- Remove seat => Page 72-116.
- Remove seat extension => Page 72-133
- If applicable, detach seat heating cables => Page 74-41
- Lever terminal strip -4- out of plug-in channel -3-.

Remove seat cover 2.

Detach upholstery -5- from bracket of seat extension -1-.



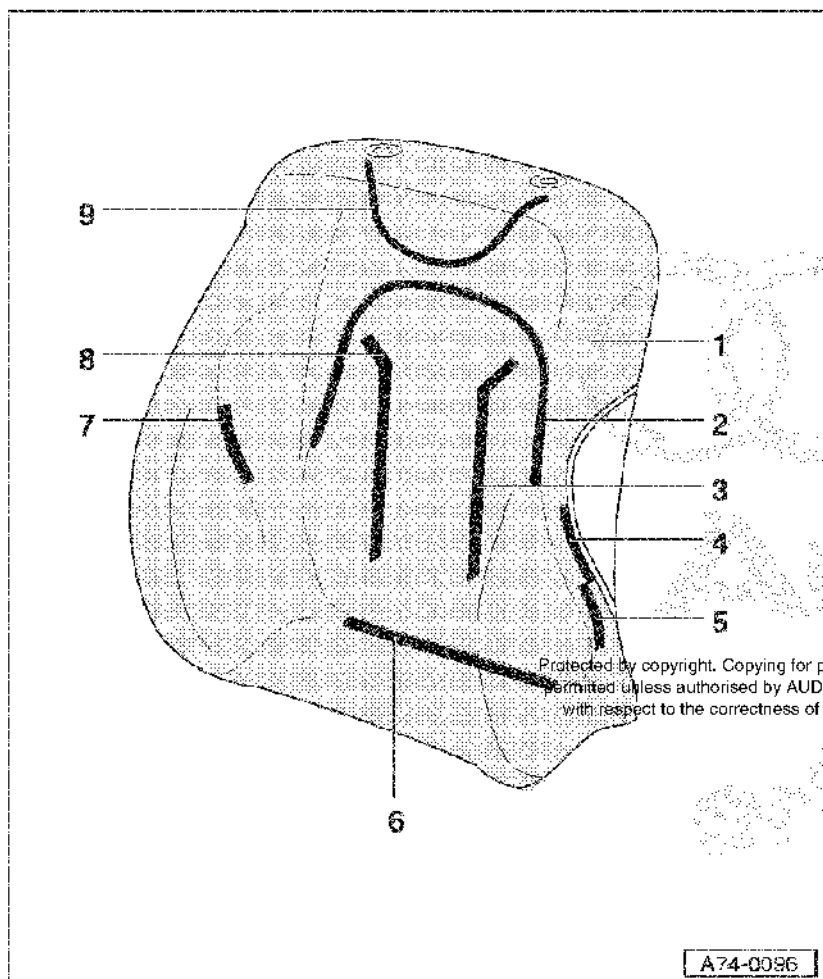
◆ Installing

- Fold edge of fabric with securing strip -4- inwards.
- Press terminal strip -4- into plug-in channel -3-.

3 – All-round insertion slot

4 – Fastening strip at edge of fabric

5 – Padding



Removing and installing seat cover and upholstery

Important

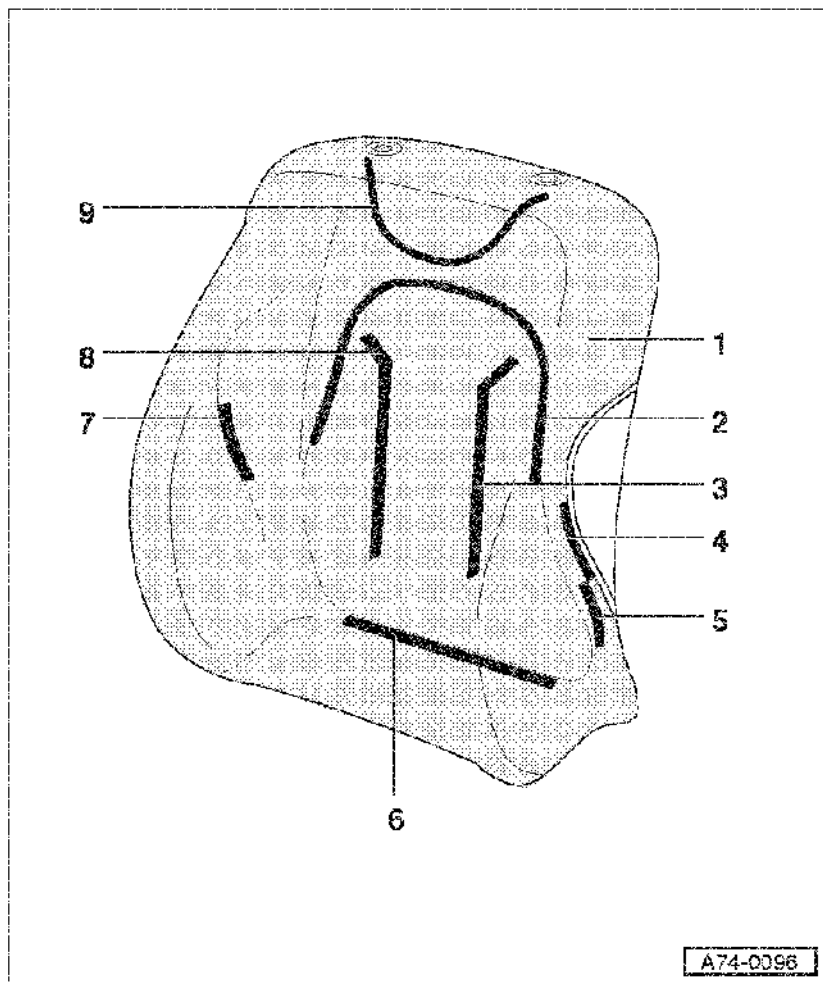
Observe safety precautions for side airbag.

1 – Seat cover

◆ Removing

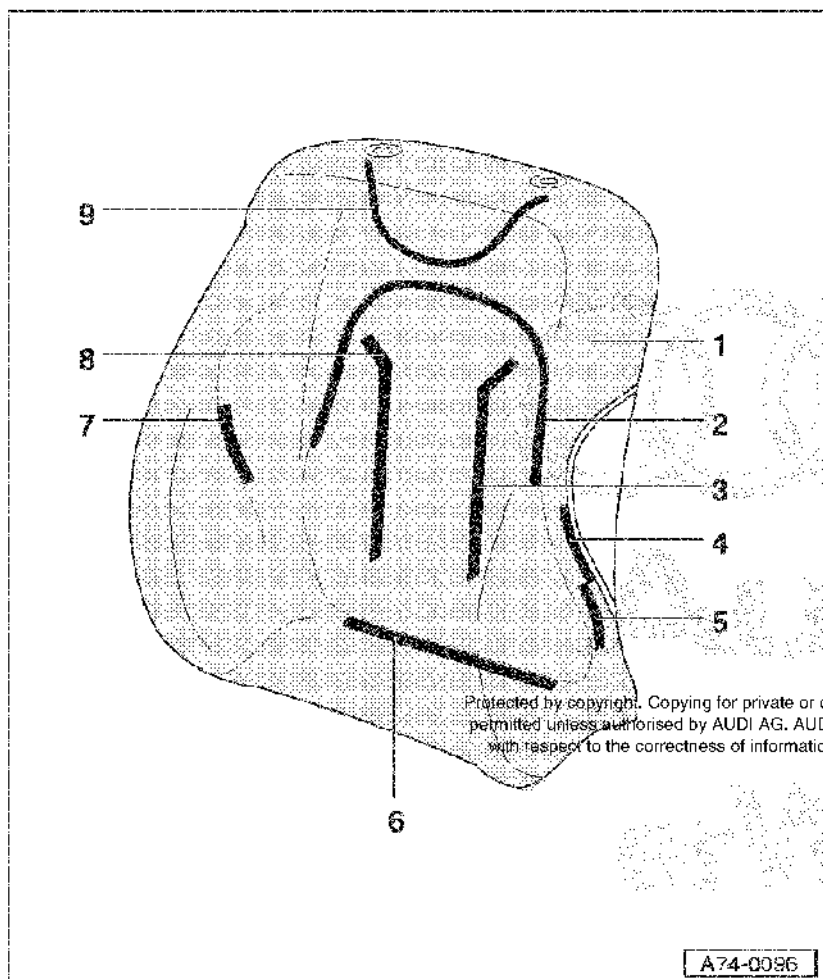
- Raise seat as far as possible.
- Remove seat => Page 72-116
- Remove backrest => Page 72-125
- Remove head restraint => Page 72-159
- Remove side airbag => Page 69-108

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- If applicable, detach seat heating cables => Page 74-43
- Lever one corner of securing strip of fabric -6- out of insertion slot at bottom of backrest shell.
- Pull securing strip -6- completely out of insertion slot. The two clips on either side of the securing strip cannot be reused.
- Detach the two bottom insertion strips -5- and -7- from backrest frame.
- Disengage longer inner fastening strips of fabric -3- from separate fastening strip at backrest frame on either side.
- Lever securing strip on outside of fabric -2- out of insertion slot at backrest shell. The five clips on either side of the securing strip cannot be reused.

74-33



- Disengage fabric at bracket of side airbag module -4-.
- Fold back fabric -1- and pull it upwards.
- Disengage the small fastening strips -8- at top between upholstery section.
- Remove upholstery together with cover -1-.
- Detach securing strip -9- from upholstery in area of logo and detach fabric -1-.

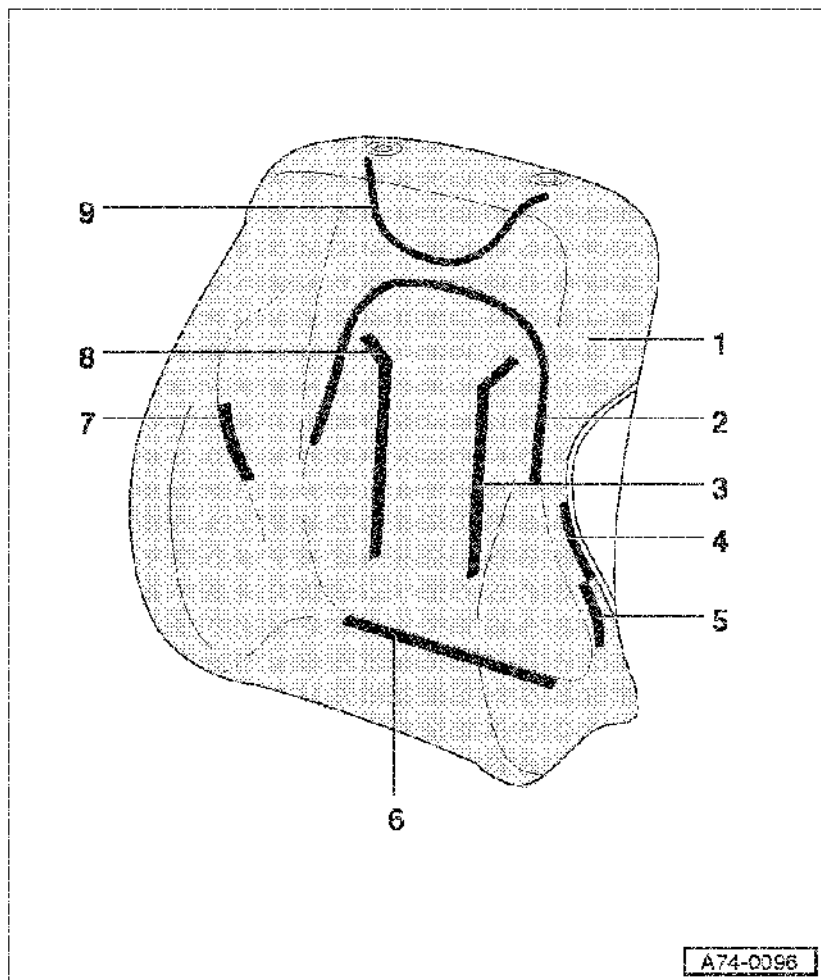
◆ Installing

Note:

The clips at the securing strips with which the fabric is attached to the backrest shell must be replaced when installing.

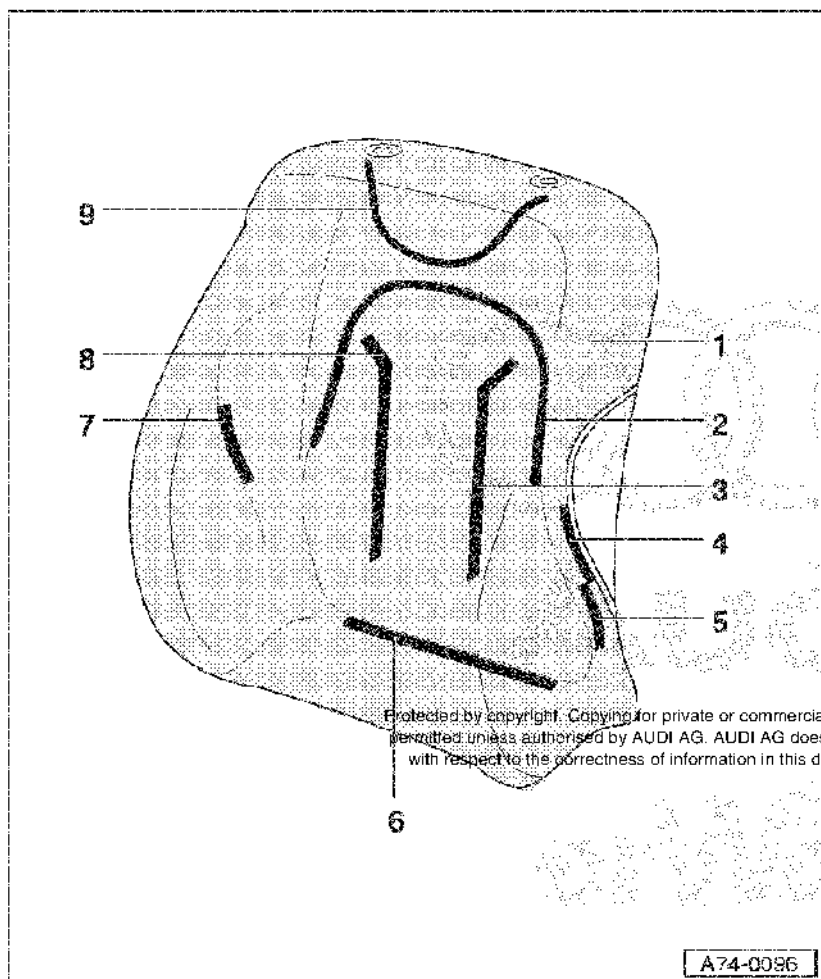
The eyelets with rings for the head restraint guide in the fabric must be replaced when installing.

74-34



- Attach one clip to each end of lower securing strip for attachment to backrest shell.
- Attach one clip to each end of upper securing strip for attachment to backrest shell.
- Fit the remaining three clips at regular intervals along the upper securing strip.
- Fit eyelets with rings for head restraint guide such that they engage in holes in upholstery.

74-35



- 2 – Securing strip for fastening into backrest shell
- 3 – Inner fastening strip (2x)
- 4 – Securing strip in area of side air-bag module
- 5 – Bottom securing strip for securing to backrest frame
- 6 – Bottom securing strip for fastening into backrest shell
- 7 – Bottom securing strip for securing to backrest frame
- 8 – Top fastening strip (2x)
- 9 – Securing strip in area of logo

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74-36

Removing and installing head restraint cover and upholstery

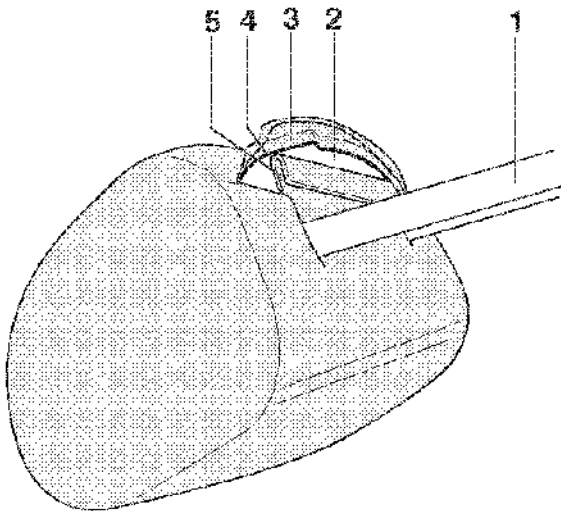
1 – Head restraint bracket

2 – Padding

3 – Seat cover

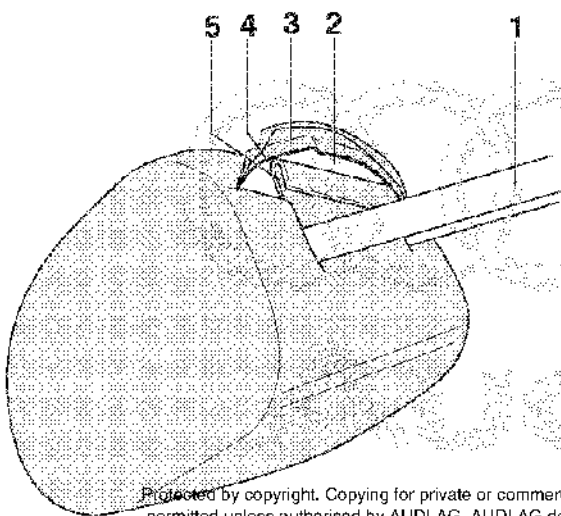
◆ Removing

- Remove head restraint => Page 72-159
- Lever securing strip -4- at one edge of fabric out of insertion slot -5- at other edge of fabric.
- Remove seat cover -3-.
- Pull upholstery -2- off head restraint mount -1-.



A74-0094

74-37



◆ Installing

- Position upholstery -2- correctly on head restraint bracket -1-.
- Pull cover -3- completely over upholstery -2-.
- Fold edge of upholstery with securing strip -4- inwards.
- Press fastening strip -4- into insertion slot -5- such that it engages.

4 – Fastening strip at edge of fabric

5 – Insertion slot at edge of fabric

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A74-0094

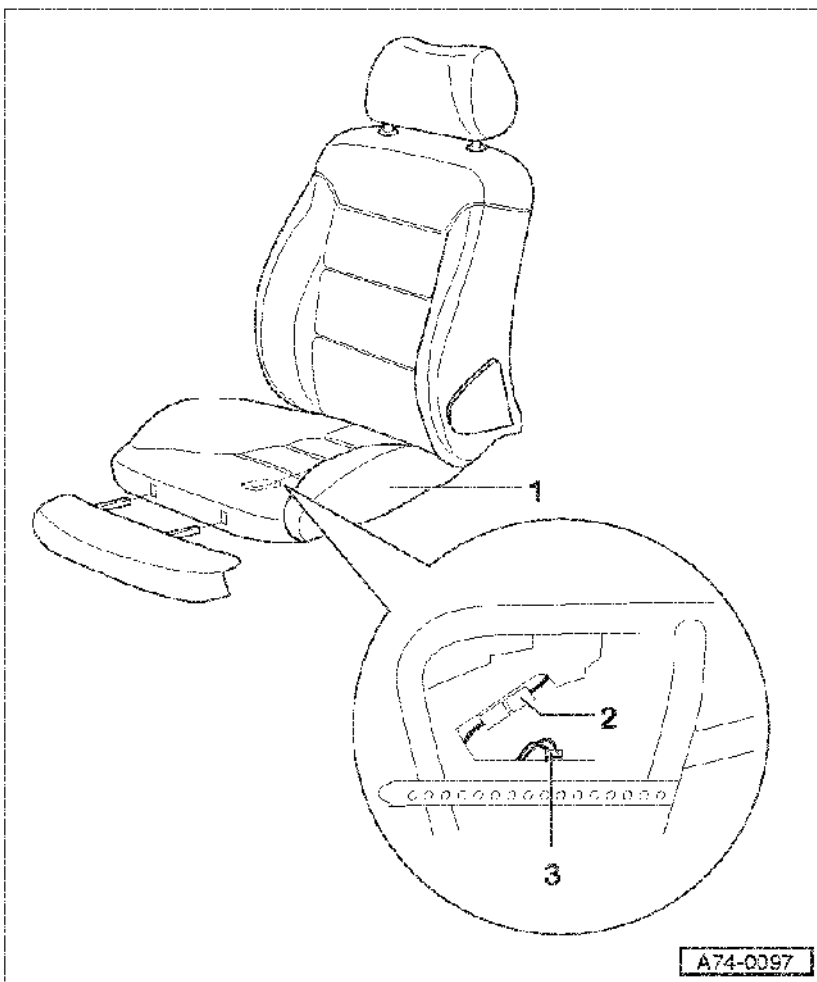
74-38

Removing and installing seat heating element

1 – Cushion with heating element bonded onto upholstery foam fill

◆ Removing

- Remove seat => Page 72-116
- Remove seat extension, removing both connectors for seat extension heating element => Page 72-133
- Remove seat cushion cover => Page 74-26
- Detach connector -2- for seat heating element at green connector under seat.
- Detach connector -3- of seat heating cable.
- Detach cable fasteners at seat heating cable.



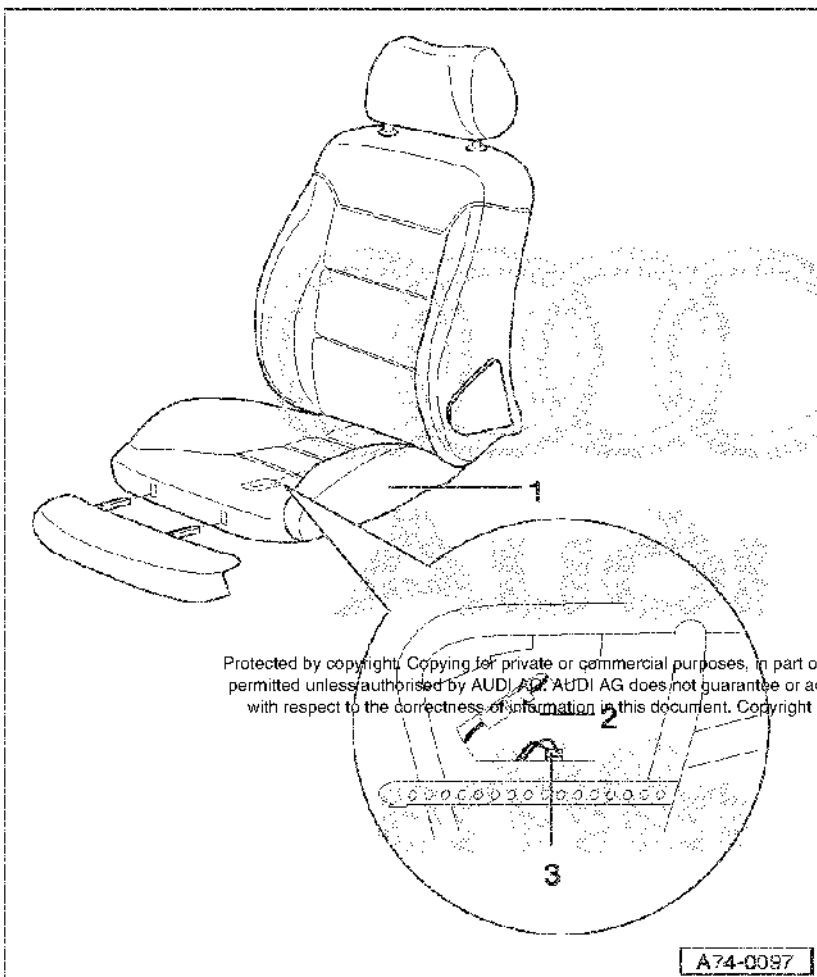
74-39

◆ Installing

- Cut cables off old heating element.
- Bond new seat heating element onto old one such that there are no creases.

2 – Green heating connector

3 – Seat heating cable connector



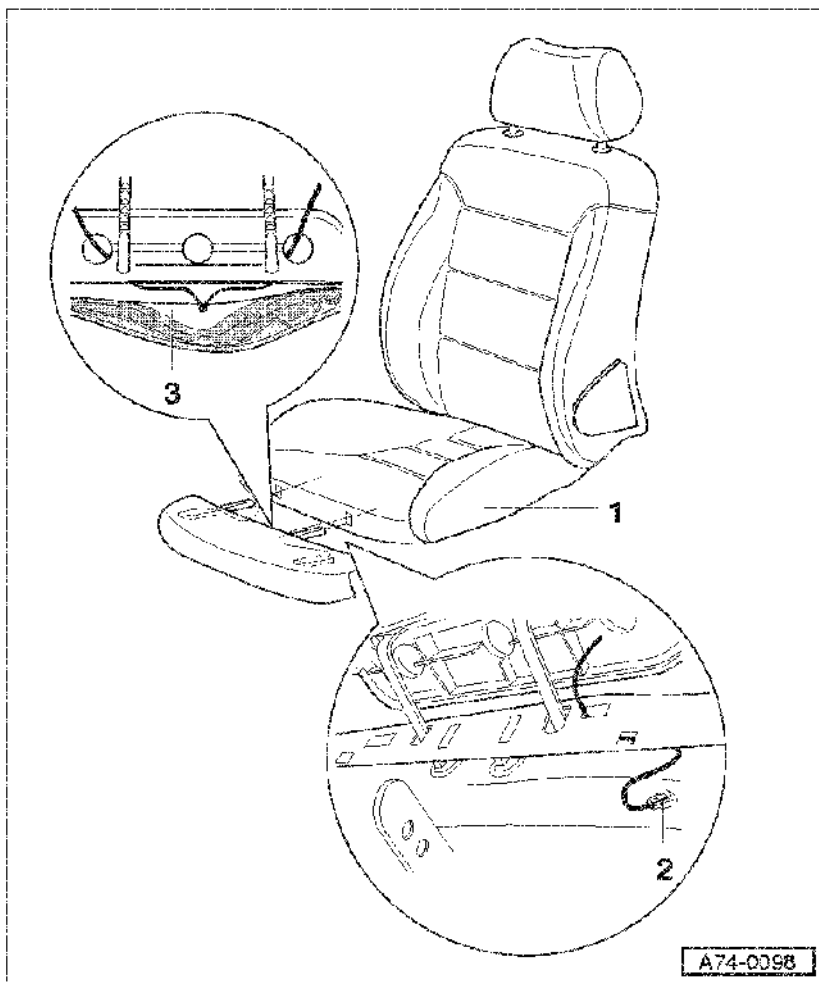
74-40

Removing and installing seat extension heating element

1 – Seat extension with heating element bonded onto upholstery foam fill

◆ Removing

- Remove seat => Page 72-116
- Remove seat extension -1-, detaching both connectors -2- for seat extension heating element => Page 72-133
- Detach seat extension fabric => Page 74-30
- Detach seat extension cables from upholstery foam fill -3-.



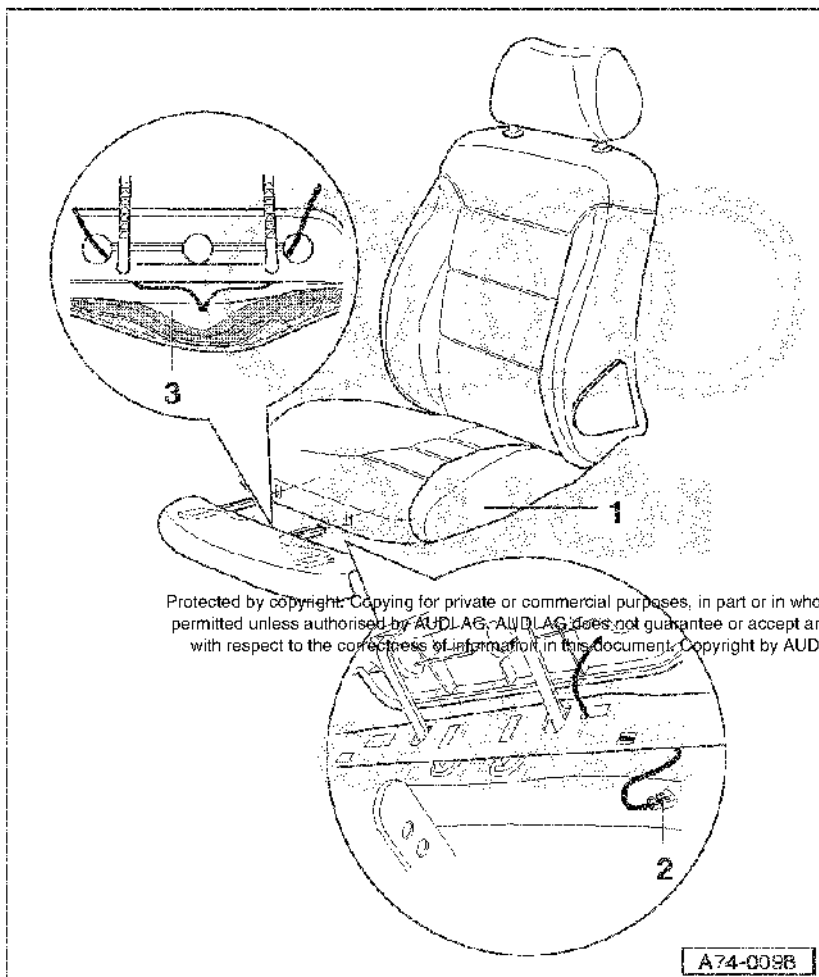
74-41

◆ Installing

- Cut cables off old heating element.
- Bond new seat heating element onto old one such that there are no creases.
- Pull seat extension cables through cuts in upholstery foam -3-.

2 – Connectors (2x)

3 – Appropriately cut upholstery foam fill



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A74-0098

74-42

Removing and installing backrest heating element

1 – Backrest with heating element bonded onto upholstery foam fill

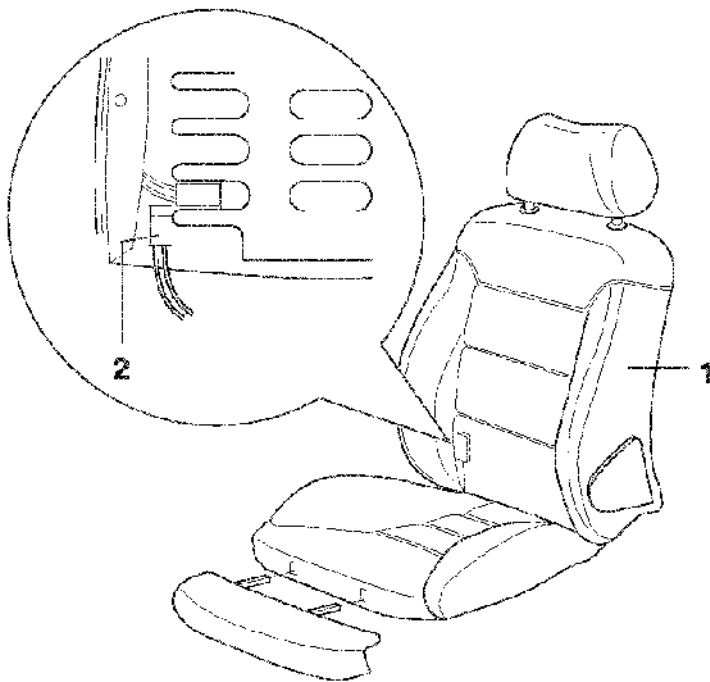
◆ Removing

- Remove seat => Page 72-116
- Remove cover of backrest => Page 74-32
- Detach connector -2- of backrest heating cable.
- Detach cable fasteners at backrest heating cable.

◆ Installing

- Cut cables off old heating element.
- Bond new seat heating element onto old one such that there are no creases.

2 – Backrest heating cable connector



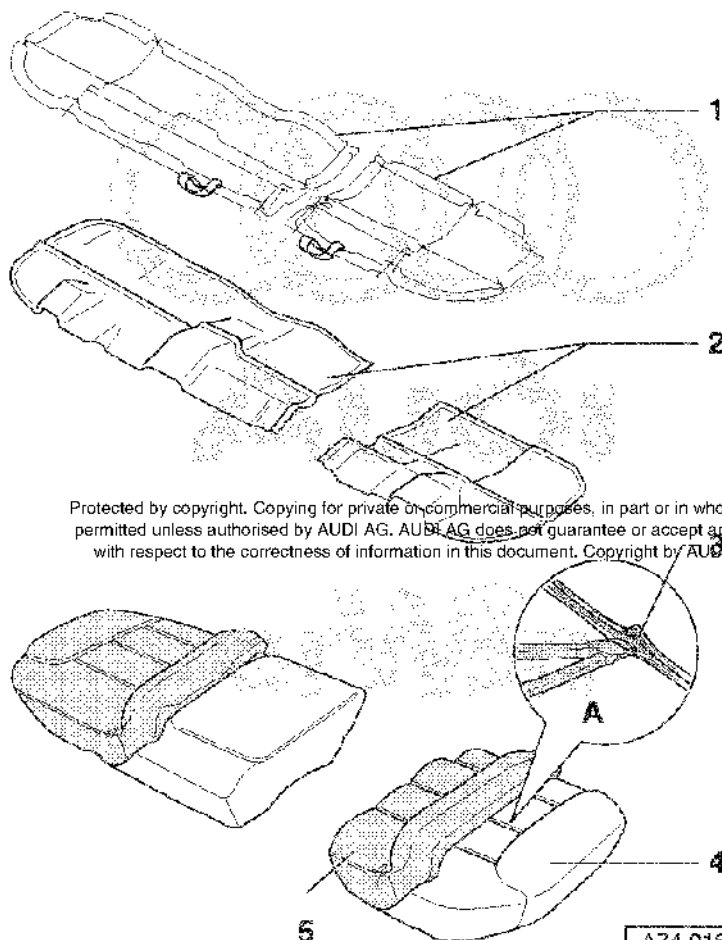
A74-0099

74-43

Rear seat covers and upholstery

Removing and installing seat cover and upholstery

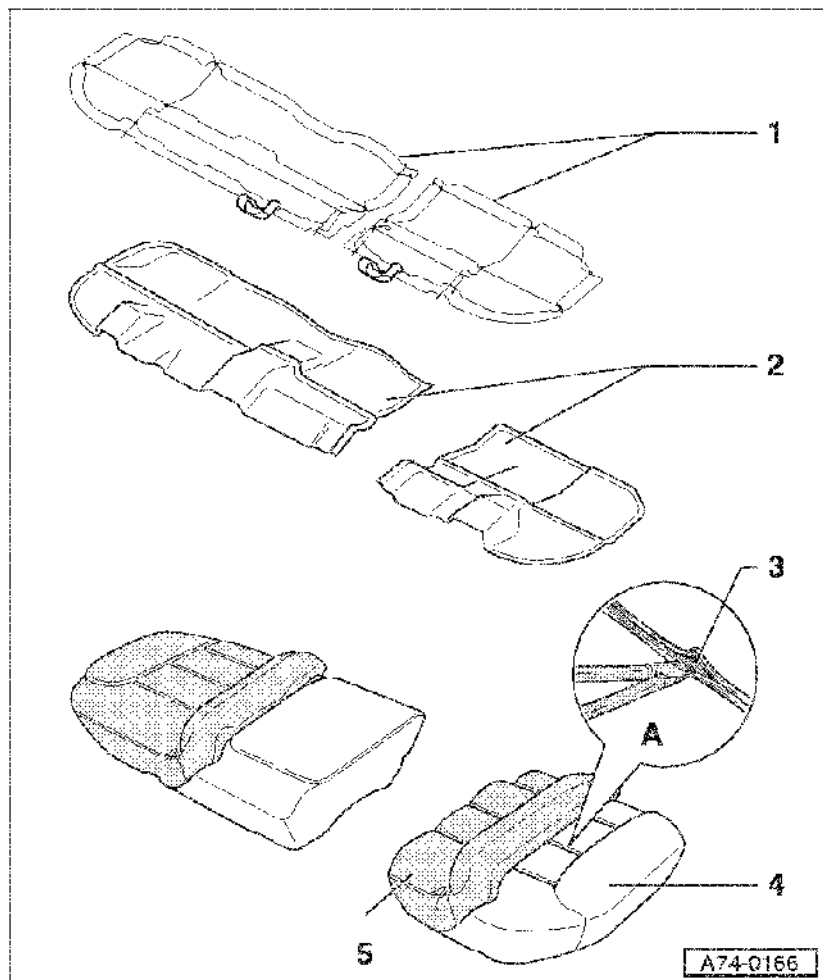
- Remove seat bench => Page 72-186
- Lever fastening strip out of wire frame -1-.
- Remove wire frame -1-.
- Remove facing -2-.
- Roll back seat cover -5-.
- Remove fabric cover -5- at belt buckle cut-out => Fig. 1
- Snip off staples -3- and remove seat cover -A-.
- Use stapling tool V.A.G 1634 to fit new staples.



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A74-0166

74-44



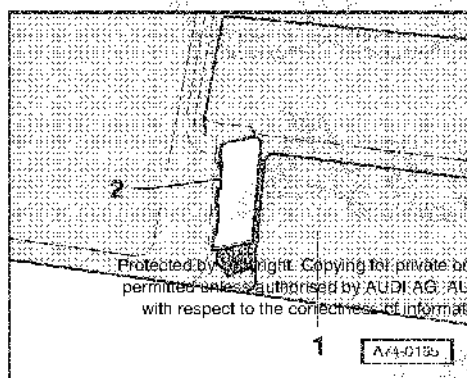
- 1 – Wire frame
- 2 – Facing
- 3 – Staples
- 4 – Padding
- 5 – Seat cover

74-45

Fig.1 Mounting at belt buckle cut-out

Vehicles with Velcro strip:

- Pull off fabric cover at Velcro strip.

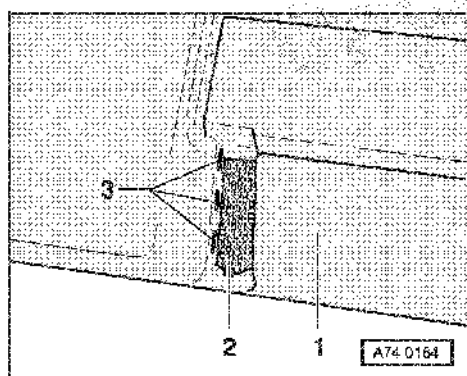


For vehicles with plastic channel:

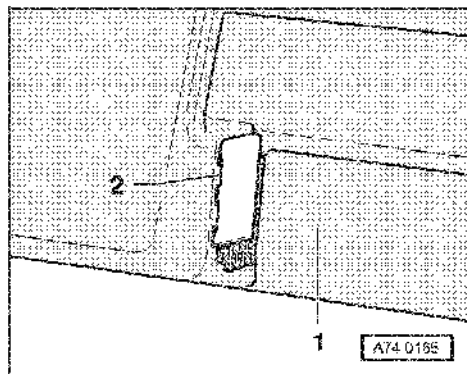
- Pull the fabric cover with plastic channel -2- from the padding -1-.

For vehicles with Velcro strip and new fabric cover with plastic channel:

- Using a knife, cut three slots -3- of approx. 1cm each at a 45° angle towards left, in the padding -1-.
- Use the plastic channel of the new fabric cover as a pattern for this purpose.
- 2 - Old Velcro strip

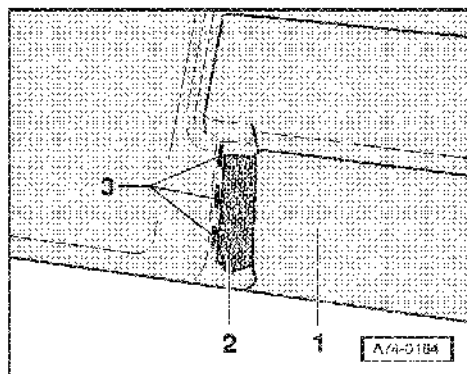


74-46



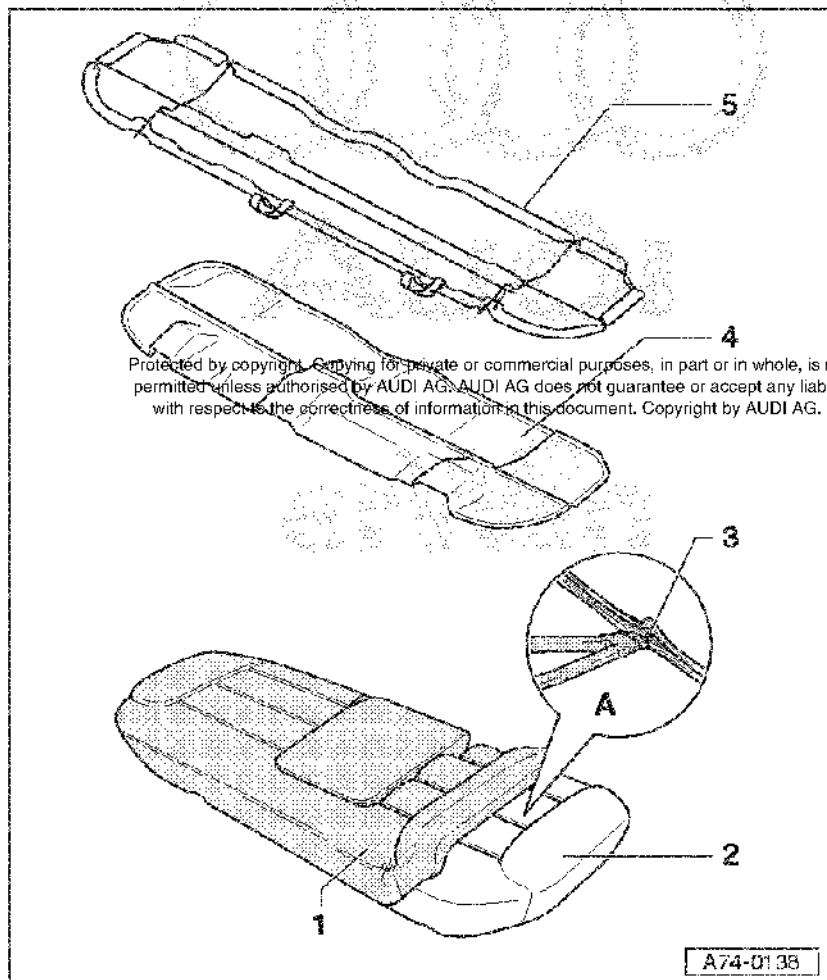
- ◀ – Push the fabric cover with plastic channel -2- into the padding -1-.

For vehicles with Velcro strip and new fabric cover without Velcro strip:



- ◀ – For new upholstery without Velcro strip -2- the old fabric cover is no longer fastened in place at this location.

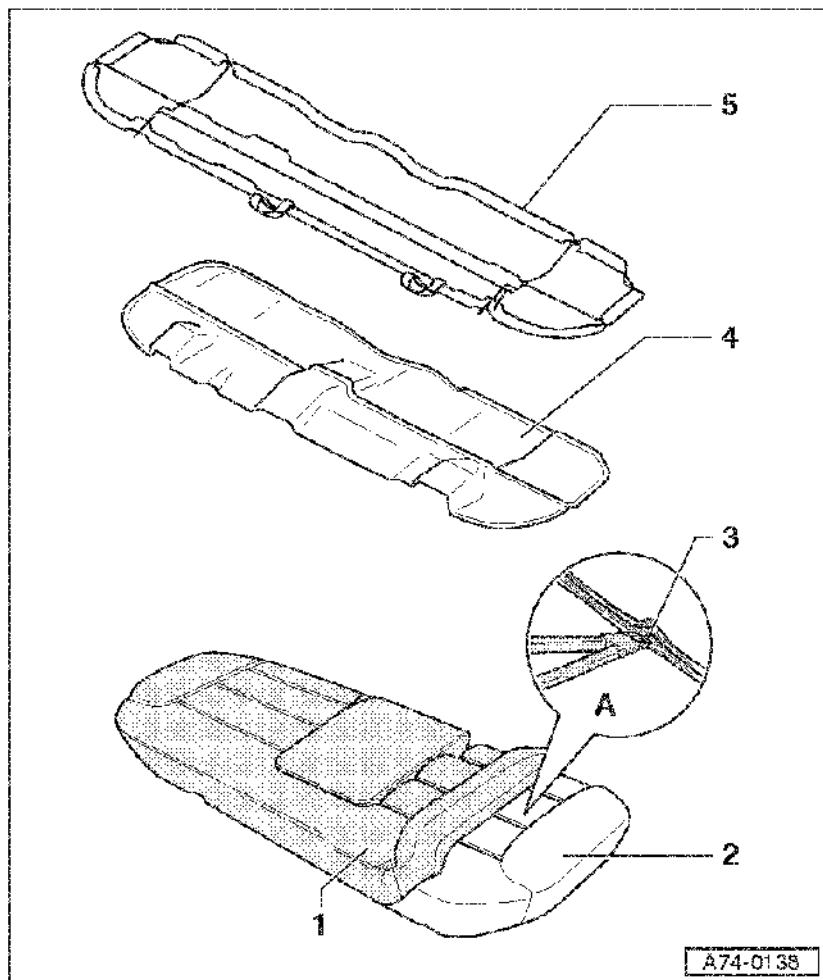
74-47



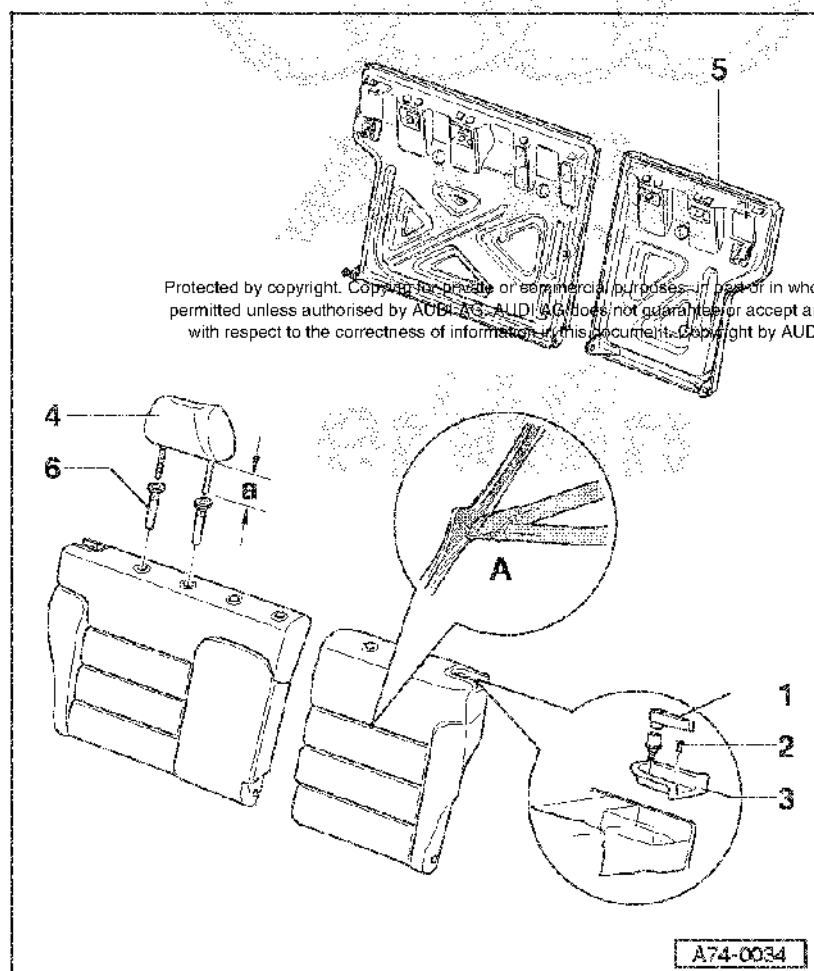
Removing and installing cover and upholstery for seat bench (non-split)

- Remove seat bench => Page 72-183
- Lever fastening strip out of wire frame -5-.
- Remove wire frame -5-.
- Remove facing -4-.
- Roll back seat cover -1-.
- Snip through staples -3- and remove seat cover -1- -A-.
- Use stapling tool V.A.G 1634 to fit new staples.

74-48



74-49



Removing and installing seat cover and upholstery

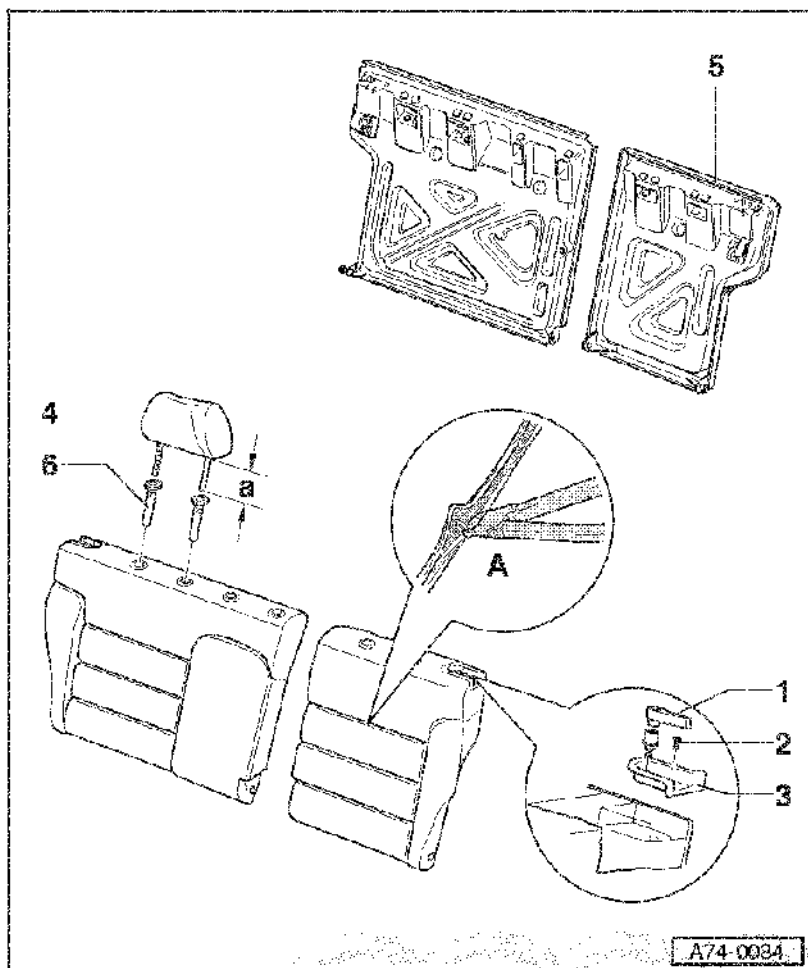
- Remove backrest => Page 72-186
- Lever off lock lever -1-.
- Unscrew bolts -2- (3x) from lock trim -3-.
- Remove head restraint -4- by pressing catch on left rod.
- Lever fastening strip out of backrest pan -5-.
- Remove head restraint guide -6- Fig. 1
- Snip off staples and remove seat cover -A-.
- Use stapling tool V.A.G 1634 to fit new staples.

1 – Locking lever

2 – Bolts

3 – Lock trim

74-50



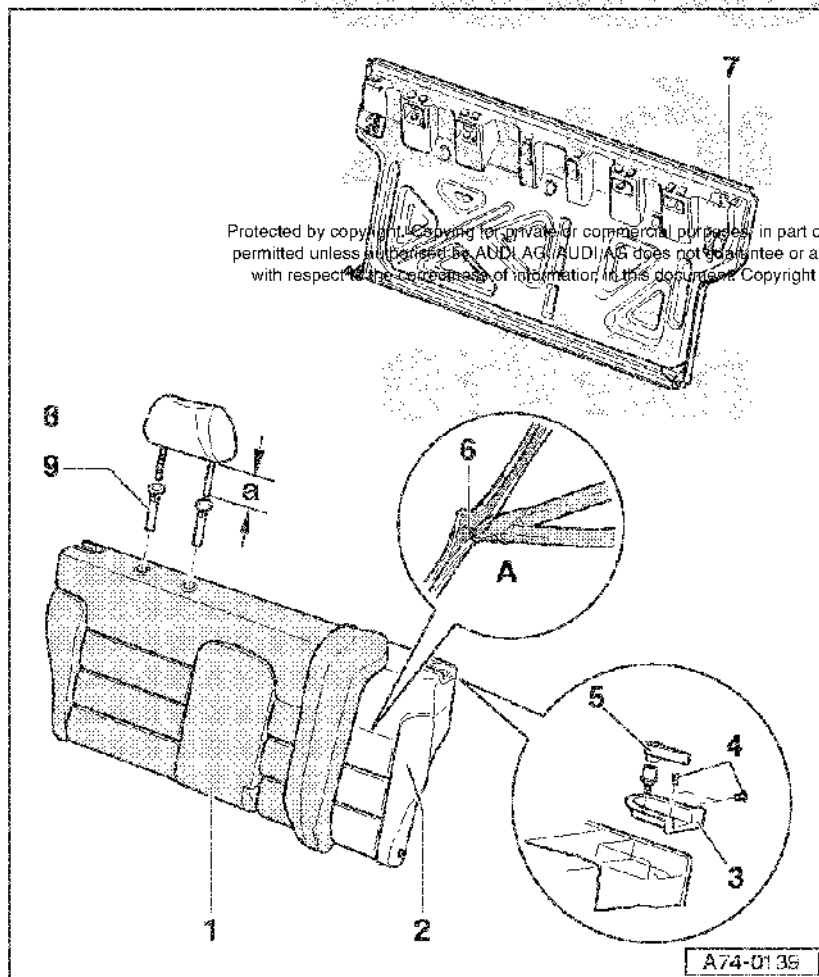
4 – Head restraint

- Head restraint -4- with long rod
(a = 210 mm) for rear.

5 – Backrest panel

6 – Head restraint guide

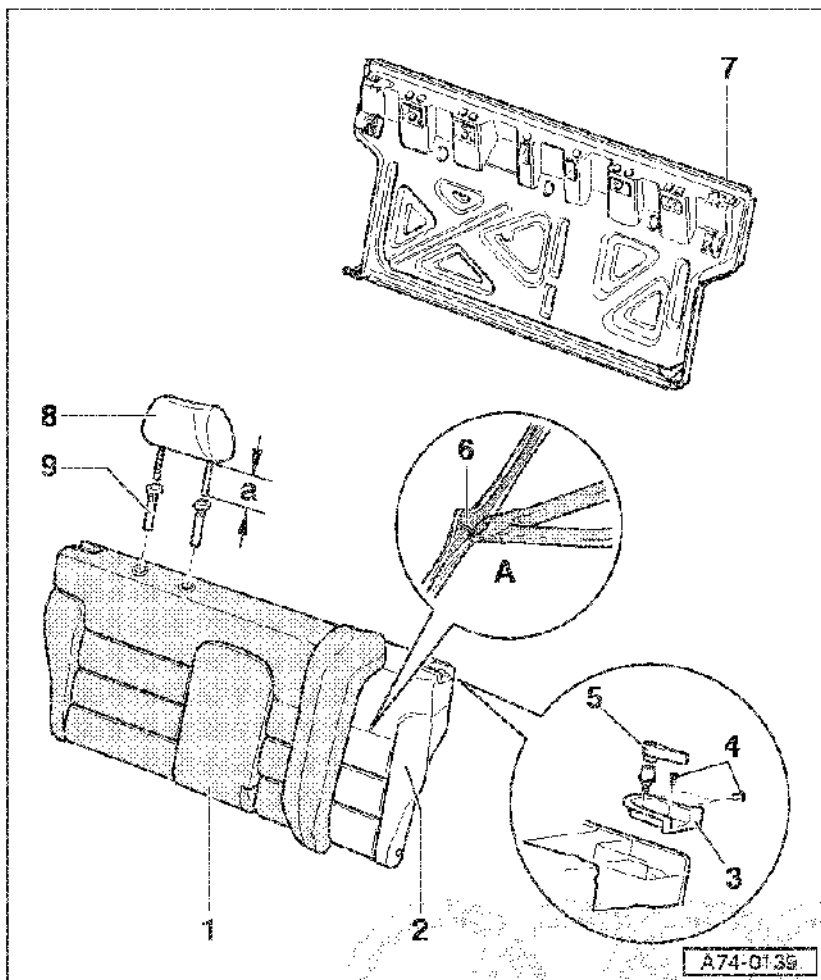
74-51



Removing and installing cover and upholstery for backrest (non-split)

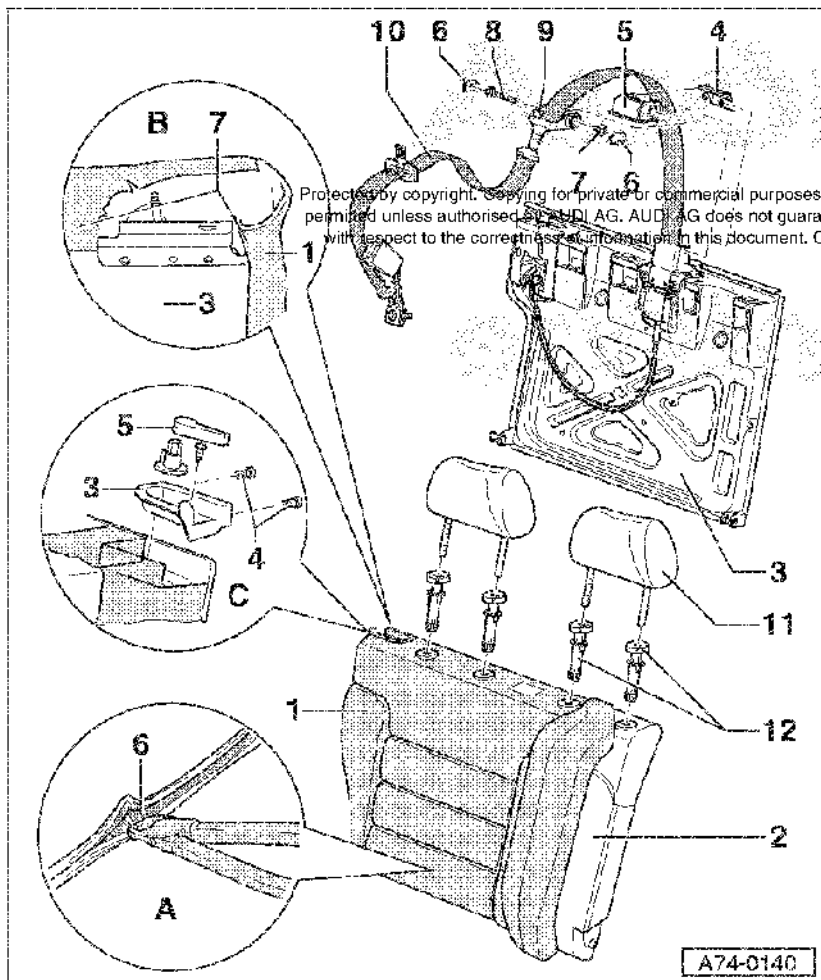
- Remove backrest => Page 72-189
- Lever off lock lever -5-.
- Unscrew bolts -4- (3x) from lock trim -3-.
- Remove head restraint -8- by pressing catch on left rod.
- Remove head restraint guide -9- Fig. 1
- Lever fastening strip out of backrest pan -7-.
- Roll back seat cover -1-.
- Snip through staples -6- and remove seat cover -1- -A-.
- Use stapling tool V.A.G 1634 to fit new staples.

74-52



- 1 – Seat cover
- 2 – Padding
- 3 – Lock trim
- 4 – Bolts (3x)
– Tightening torque 1.5 Nm
- 5 – Locking lever
- 6 – Staples
- 7 – Backrest panel
- 8 – Head restraint
– Head restraint -4- with long rod
(a = 210 mm) for rear.
- 9 – Head restraint guide

74-53

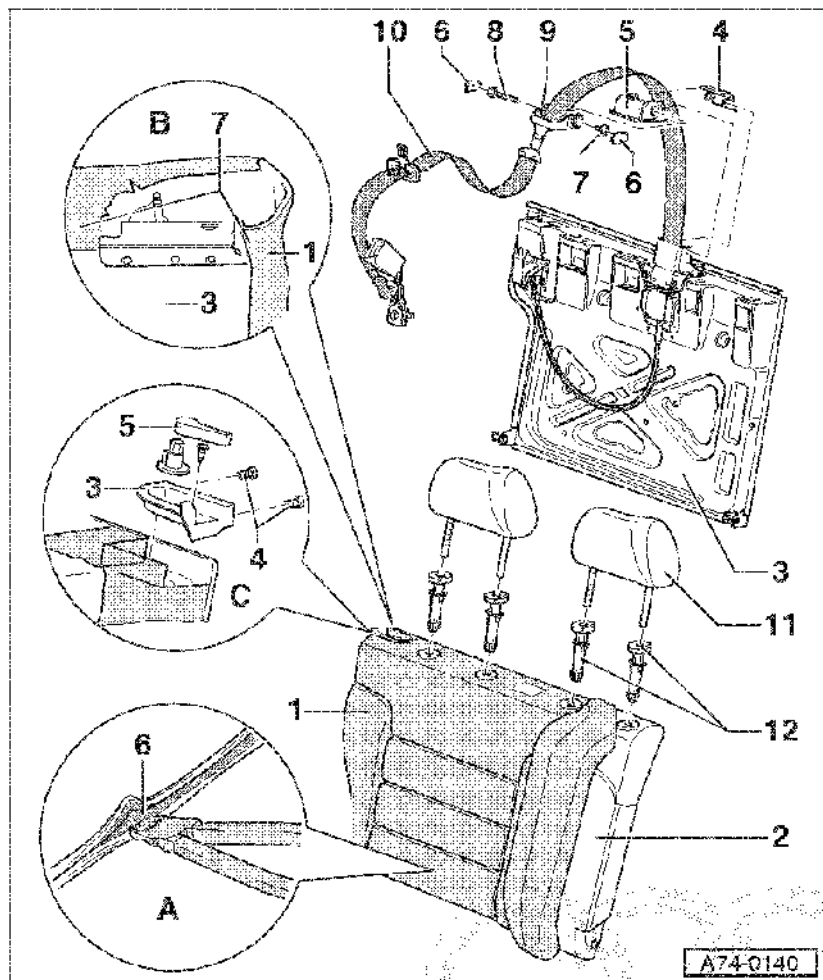


Removing and installing cover and upholstery for backrest (with third three-point belt)

1. Seat cover

- Remove backrest => Page 72-186
- Lever off trim caps -6- (2x) using flat screwdriver.
- Unscrew bolt -8-, counterholding counter nut -7-.
- Detach belt delivery arm -9-.
- Unclip trim cap -4-, starting at bottom.
- Detach webbing guide -5-.
- Remove head restraint guide -12- Fig. 1
- Lever off lock lever -15-.

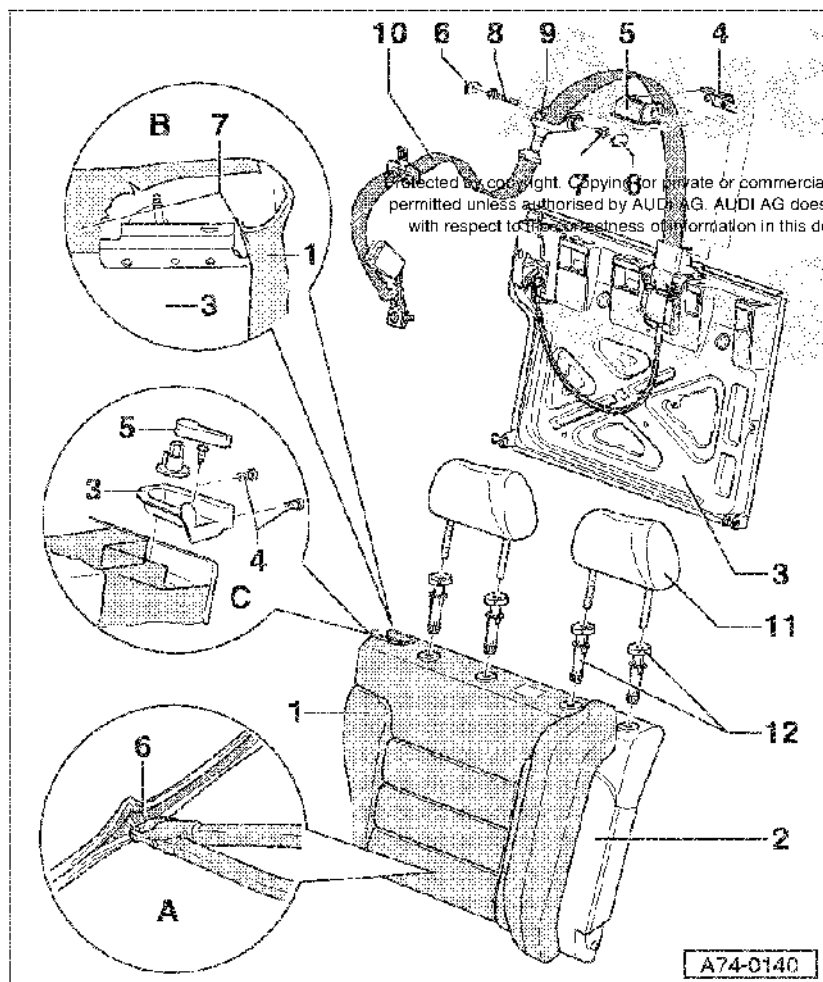
74-54



- Unscrew bolts -14- (3x) from lock trim -13-.
- Remove head restraint -11- by pressing catch on left rod.
- Lever fastening strip -17- out of backrest pan -3- -B-.
- Remove upholstery -2- with seat cover -1- from backrest pan -3-, guiding the webbing -10- through the seat cover.
- Roll back seat cover -1-.
- Snip through staples -16- and remove seat cover -1- -A-.
- Use stapling tool V.A.G 1634 to fit new staples.

2 - Padding

74-55



3 - 2/3 backrest

4 - Trim cap

5 - Belt guide

6 - Trim cap

7 - Counter nut

8 - Bolt

- Tightening torque 1.5 Nm

9 - Belt delivery arm

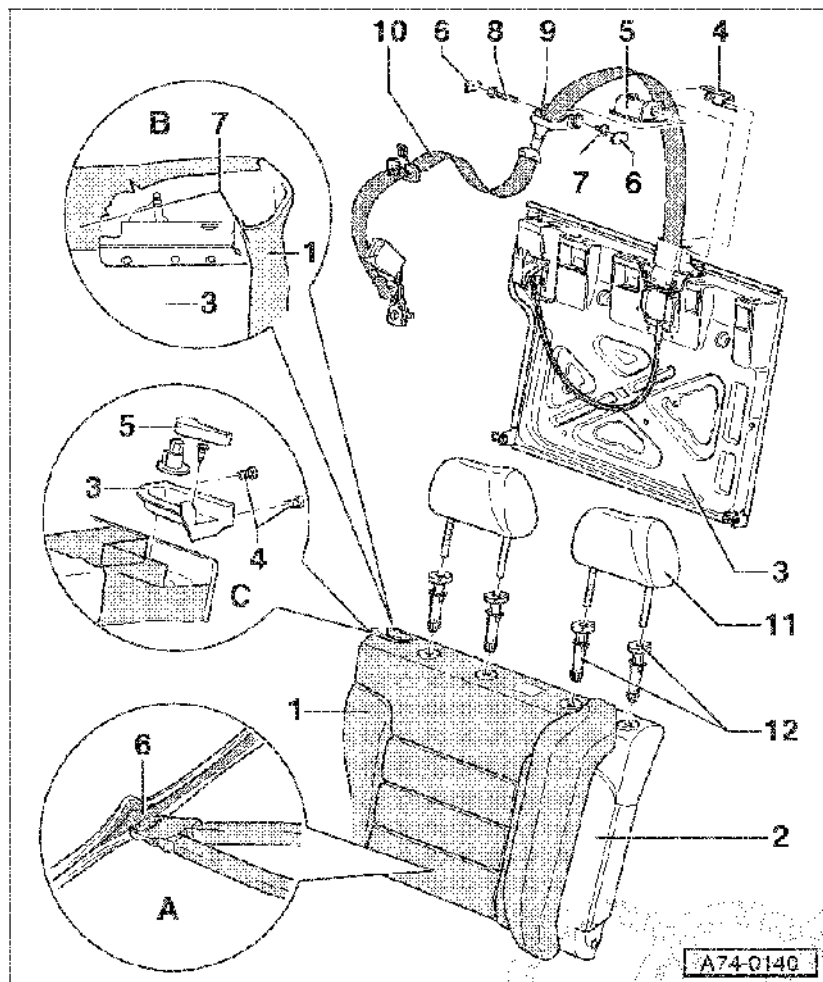
10 - Belt

- ♦ The webbing can only be removed with the backrest engaged in position.

11 - Head restraint

- Head restraint -4- with long rod (a = 210 mm) for rear.

74-56



- 12 – Head restraint guide
- 13 – Lock trim
- 14 – Bolts (3x)
– Tightening torque 1.5 Nm
- 15 – Locking lever
- 16 – Staples
- 17 – Fastening strip

74-57

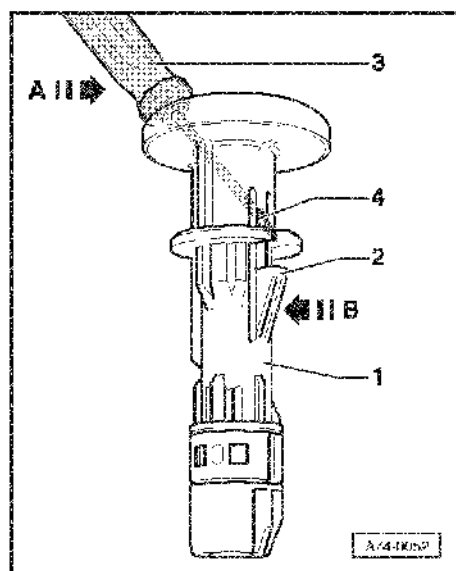


Fig.1 Removing head restraint guides

For improved clarity, head restraint guide -1- is shown removed.

– Insert padding needle or screwdriver -3- with maximum width of 2 mm into hole -4- (hole -4- is opposite retaining clip for head restraint guide).

By levering screwdriver -3- in direction of arrow -A- press retaining tab -2- in direction of arrow -B- and in doing so pull out head restraint guide -1-.

♦ Rear head restraint guide is long version with slanted head piece.

74-58