Audi A4 1995 ➤

General Body Assembly, Interior (Repair groups 68, 69, 70, 72, 74)

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List of Workshop Manual Repair GroupsList of Workshop Manual Repair GroupsList of Workshop Manual Repair Groups

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General Body Assembly, Interior (Repair groups 68, 69, 70, 72, 74)

Repair Group

68 - Interior equipment

69 - Passenger protection

70 - Trim/Insulation

72 - Seat frames

74 - Seats - Upholstery, Covers

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Technical information should always be available to the foremen and mechanics, because their careful and constant adherence to the instructions is essential to ensure vehicle road-worthiness and safety. In addition, the normal basic safety precautions for working on motor vehicles must, as a matter of course, be observed.

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Contents

68 - Interior equipment 1
1 Storage compartments/covers 1
1.1 Storage compartments/covers 1
1.2 Removing and installing glove compartment 1
1.3 Removing and installing glove compartment lock 3
1.4 Removing and installing glove compartment lid 4
1.5 Removing cushioning mechanism for glove compartment lid 5
1.6 Removing driver's storage compartment 6
1.7 Removing and installing steering column trim 7
1.8 Removing and installing centre console at rear 9
1.9 Removing and installing handbrake lever trim 11
1.10 Removing and installing components of rear section of centre console 12
1.11 Removing and installing centre armrest 15
1.12 Making template for centre armrest cut-out 17
1.13 Cutting out centre console for centre armrest 18
1.14 Removing and installing cover for centre armrest 19
1.15 Removing and installing centre armrest lift for car phone/mobile phone 20
1.16 Removing and installing cable for telephone 22
1.17 Removing and installing cable and holder for mobile phone 23
1.18 Removing and installing trim for centre armrest base 23
1.19 Removing and installing front section of centre console 25
1.20 Removing front ashtray 27
2 Interior rear-view mirror 28
2.1 Interior rear-view mirror 28
2.2 Removing interior rear-view mirror 28
2.3 Installing interior rear-view mirror 29
2.4 Removing interior rear-view mirror (automatic anti-glare mirror) 29
2.5 Installing interior rear-view mirror (automatic anti-glare mirror) 30
2.6 Checking function of automatic anti-glare interior rear-view mirror 30
2.7 Cementing retainer plate for interior rear-view mirror 30
3 Removing and installing partition grille 33
3.1 Removing and installing partition grille 33

69 - Passenger protection 36
1 Seat belts 36
1.1 Seat belts 36
1.2 Safety regulations for handling pyrotechnic belt tensioners 36
1.3 Disposal of pyrotechnic belt tensioners 36
1.4 Seat belt attachment points (layout) 37
1.5 1 - Removing and installing three-point seat belt with belt height adjuster and belt tensioner 39
1.6 2 - Anchorage point for belt buckle 44
1.7 3 - Anchorage point - outer floor panel 45
1.8 Removing and installing Recaro seat belt buckle 45
1.9 4 - Removing and installing rear left and right three-point seat belt 46
1.10 Removing rear belt adjuster 53
1.11 5 - Removing and installing third rear three-point seat belt (Avant) 54
1.12 6 - Anchorage points - centre floor panel 58
2 Checking seat belts 60
2.1 Checking seat belts 60
2.2 Checking child-seat restraint function for additional child seats (not for driver's seat belt) 60
2.3 Checking belt-fastened sensor for rear three-point belts with belt tensioner 60
3 Airbag safety precautions 61
3.1 Airbag safety precautions 61

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3.2 Safety precautions when working on airbag 61
3.3 Safety instructions for side airbag 61
3.4 Additional safety precautions for head airbag 62
3.5 Replacing airbag units after accident 62

4 Repairing airbag 65
4.1 Repairing airbag 65
4.2 Fitting locations overview 65
4.3 Removing and installing airbag control unit (J 234) 68

5 Repairing driver's airbag 68
5.1 Repairing driver's airbag 68
5.2 Removing and installing driver's airbag > MY 1998 68
5.3 Removing and installing driver's airbag unit MY1998 ä 70
5.4 Removing and installing steering wheel 74
5.5 Removing and installing driver's airbag unit with sports steering wheel > MY 1998 75
5.6 Retrofitting airbag sports steering wheel 77
5.7 Removing and installing driver's airbag with sports steering wheel MY 1998 ä 78
5.8 Removing and installing sports steering wheel 81
5.9 Removing and installing self-cancelling ring with slip ring > MY 1998 82
5.10 Removing and installing self-cancelling ring with slip ring from sports steering wheel > MY 1998 85
5.11 Removing and installing self-cancelling ring with slip ring 87

6 Repairing passenger airbag 89
6.1 Repairing passenger airbag 89
6.2 Removing and installing passenger's airbag 89
6.3 Removing and installing key switch for passenger airbag 92

7 Repairing side airbags 93
7.1 Repairing side airbags 93
7.2 Removing and installing side airbag 93
7.3 Removing and installing side airbag for Recaro seat 98
7.4 Removing and installing seat occupied sensor 100
7.5 Removing and installing sensor for lateral acceleration 102

8 Repairing head airbag 103
8.1 Repairing head airbag 103
8.2 Removing and installing head airbag - Saloon 104
8.3 Removing and installing head airbag - Avant 110

70 - Trim/Insulation 116

1 Front door trims 116
1.1 Front door trims 116
1.2 Fitting locations - Exploded view 116
1.3 Removing and installing front door trim 118
1.4 Removing and installing front door trim insulation 119
1.5 Adjusting release button 120
1.6 Removing and installing driver's window lifter switch 120
1.7 Removing and installing passenger's window lifter switch 121
1.8 Removing and installing top part of recessed handle moulding with window lifter switch unit and mirror adjuster switch 121
1.9 Removing sealing mat 122
1.10 Removing and installing mirror adjuster switch 122
1.11 Removing and installing door warning light and footwell light 122
1.12 Removing central locking switch 123
1.13 Removing bass speaker 123
1.14 Removing and installing treble loudspeaker 124
1.15 Removing trim panel in door trim 124
1.16 Removing interior door handle 125
1.17 Removing bracket and switch for tailgate release 125
1.18 Cutting out door trim for tailgate release switch 126

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1.19 Replacing speaker trim (standard, Bose) 126
2 Rear door trims 127
2.1 Rear door trims 127
2.2 Fitting locations - Exploded view 127
2.3 Removing and installing rear door trim 129
2.4 Removing interior door handle 130
2.5 Adjusting release button 131
2.6 Removing and installing window lifter switch 131
2.7 Removing bass speaker 132
2.8 Removing and installing door warning light and footwell light 132
2.9 Removing and installing top part of recessed handle moulding with window lifter switch unit 133
2.10 Removing sealing mat 133
2.11 Removing trim panel in door trim 134
2.12 Removing and installing rear door trim insulation 134
2.13 Cutting out replacement door trim for speaker 134
2.14 Installing speaker trim 135
3 Dash panel 136
3.1 Dash panel 136
3.2 Removing and installing dash panel with cross member 136
3.3 Removing and installing dash panel 143
3.4 Removing and installing dash panel trim 146
3.5 Removing and installing steering column switch 147
4 Roof trim 149
4.1 Roof trim 149
4.2 Removing and installing moulded headliner and sun visors 149
5 Roof trim 154
5.1 Roof trim 154
5.2 Roof trim MY 1999 > from chassis no. 8DXA 200 001 onwards 154
5.3 Removing and installing moulded headliner and sun visors 154
5.4 Installing adapter for roof grab handle 160
5.5 Cable routing on rear side of moulded headliner 161
6 Roof trim, Avant 163
6.1 Roof trim, Avant 163
6.2 Removing and installing moulded headliner 163
7 Roof trim, Avant 164
7.1 Roof trim, Avant 164
7.2 Roof trim, Avant MY 1999 > from chassis no. 8DXA 200 001 onwards 164
7.3 Removing and installing moulded headliner and sun visors 164
7.4 Installing adapter for roof grab handle 172
7.5 Cable routing on rear side of moulded headliner 173
8 Trims 175
8.1 Trims 175
8.2 Removing and installing lower A-pillar trim 175
8.3 Removing and installing foot rest and foot rest bracket 175
8.4 Removing and installing upper A-pillar trim 176
8.5 Removing and installing B-pillar trim 177
8.6 Removing and installing C/D-pillar trim 180
8.7 Removing and installing lower C-pillar trim 181
8.8 Removing and installing sill panel trim 181
8.9 Removing and installing boot trim 182
8.10 Removing and installing rear cross panel trim 182
8.11 Removing and installing rear shelf 183
8.12 Removing rear belt adjuster 185
8.13 Removing and installing left/right boot trim 186
9 Trims 187

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9.1 Trims 187
9.2 Trims MY 1999 > from chassis no. 8DXA 200 001 onwards 187
9.3 Removing and installing upper A-pillar trim for head airbag 187
9.4 Removing and installing upper A-pillar trim without head airbag 190
9.5 Removing and installing B-pillar trim 191
9.6 Removing and installing upper C-pillar trim 196
9.7 Removing and installing D-pillar trim 198

10 Trims, Avant 201
10.1 Trims, Avant 201
10.2 Removing and installing rear side trim 201
10.3 Removing and installing C-pillar trim 201
10.4 Removing and installing D-pillar trim 202
10.5 Removing and installing roof frame trim 202
10.6 Removing and installing left and right side trim 203
10.7 Removing and installing rear cross-panel trim 204
10.8 Removing and installing fastening ring (Avant) 204

11 Trims, Avant 205
11.1 Trims, Avant 205
11.2 Removing and installing C-pillar trim 205
11.3 Removing and installing D-pillar trim 205

12 Floor mat 206
12.1 Floor mat 206
12.2 Removing and installing floor covering 206

72 - Seat frames 208

1 Front seats 208
1.1 Front seats 208
1.2 Tools 208
1.3 Removing and installing front seat 208
1.4 Removing and installing front seat (memory seat, electric seat) 210
1.5 Detaching connector for side airbag 212
1.6 Connecting airbag adapter VAS 5094 213
1.7 Lubrication points for front seat 215
1.8 Removing and installing seat side panels 215
1.9 Removing and installing seat side panel (memory seat, electric seat) on sill side 217
1.10 Removing and installing seat side panel (memory seat, electric seat) on tunnel side 218
1.11 Removing and installing seat adjustment switch 219
1.12 Removing and installing lumbar support adjustment switch 219
1.13 Removing and installing connector for side airbag 220
1.14 Removing and installing connector for backrest motor 221
1.15 Removing and installing connector for backrest heater 222
1.16 Removing and installing connector for lumbar support 223
1.17 Removing and installing connector for seat angle adjustment motor 224
1.18 Removing and installing connector for seat height adjustment motor 225
1.19 Removing and installing connector for forward and backward seat adjustment motor 226
1.20 Removing and installing seat angle adjustment motor 227
1.21 Removing and installing seat height adjustment motor 229
1.22 Removing and installing forward and backward seat adjustment motor 231
1.23 Removing and installing front seat backrest 233
1.24 Removing and installing front seat backrest (memory seat, electric seat) 237
1.25 Removing and installing cushioning element for backrest adjuster 241
1.26 Range of backrest covers 243
1.27 Removing and installing backrest cover up to date of manufacture, calendar week 40.1996 245
1.28 Removing and installing backrest cover for date of manufacture between calendar week 40.1996 and 10.1997 246

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1.29 Removing and installing backrest cover for date of manufacture between calendar week 10.1997 and 15.1997 248
1.30 Removing and installing backrest cover as of date of manufacture, calendar week 15.1997 249
1.31 Removing and installing surround 252
1.32 Converting lumbar support and retrofitting plastic inlay 255
1.33 Removing and installing Bowden cable for lumbar support adjustment motor 257
1.34 Removing and installing lumbar support 260
1.35 Removing and installing lumbar support adjustment motor 262
1.36 Removing and installing seat angle adjustment motor 264
1.37 Removing and installing head restraint 268
1.38 Removing and installing head restraint guides 269
1.39 Removing and installing head restraint guides 269

2 Recaro seat 270
2.1 Recaro seat 270
2.2 Tools 270
2.3 Removing and installing Recaro seat 270
2.4 Removing and installing backrest 272
2.5 Removing and installing backrest shell 275
2.6 Removing and installing seat cushion 277
2.7 Removing and installing seat extension 280
2.8 Removing and installing seat side panels 283
2.9 Removing and installing seat side panel brackets 286
2.10 Removing and installing switch unit 287
2.11 Removing and installing fitting panels 292
2.12 Removing and installing spring trim 294
2.13 Removing and installing 2-way lumbar support 296
2.14 Removing and installing lumbar support motor with gear unit 297
2.15 Removing and installing backrest motor with gear unit 299
2.16 Removing and installing seat height adjustment motor 302
2.17 Removing and installing head restraint 304
2.18 Removing and installing head restraint guide 305
2.19 Removing and installing console 307

3 Rear seat 309
3.1 Rear seat 309
3.2 Removing and installing rear bench seat 309
3.3 Removing and installing fixed rear seat backrest 310
3.4 Removing and installing split backrest (Saloon) 312
3.5 Removing and installing split backrest (Avant) > MY 1998 314
3.6 Removing and installing split backrest (Avant) MY 1998 ä 316
3.7 Removing and installing head restraint guide (fixed backrest) 319
3.8 Removing and installing centre support bracket (Saloon and Avant) MY 1998 ä 319
3.9 Removing and installing centre support bracket (Avant) > MY 1998 320
3.10 Removing and installing head restraint 320
3.11 Removing and installing lock for split backrest (Saloon and Avant) > MY 1998 321
3.12 Removing and installing lock for split backrest (Avant) MY 1998 ä 322
3.13 Removing and installing side padding 323
3.14 Removing and installing ISO FIX holder 325

74 - Seats - Upholstery, Covers 326

1 Front seat covers and upholstery 326
1.1 Front seat covers and upholstery 326
1.2 Removing and installing backrest cover 326
1.3 Replacing seat back heater element 327
1.4 Removing and installing seat cover 328
1.5 Removing and installing footwell trim for seat frame 329
1.6 Replacing seat heater element 330

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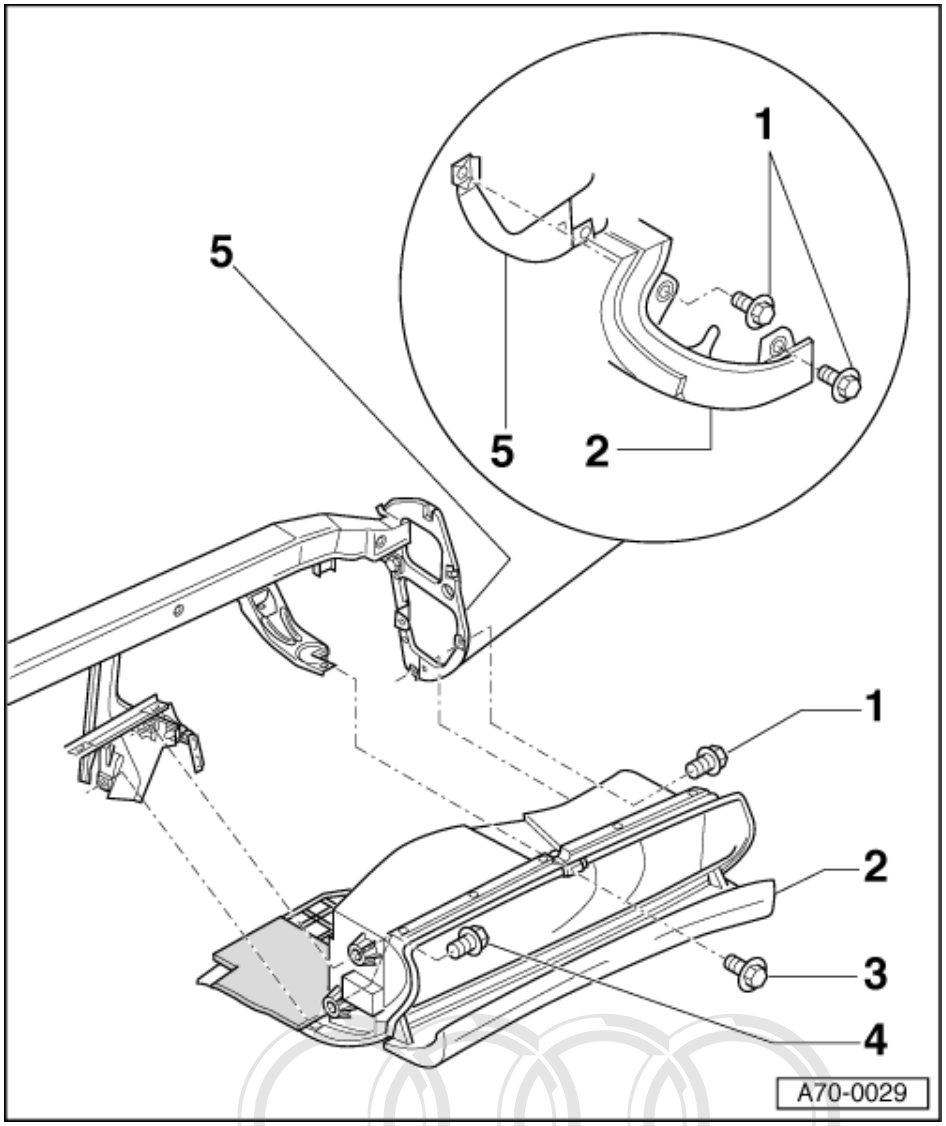
1.7 Removing and installing head restraint fabric and upholstery 331
2 Covers and upholstery 332
2.1 Covers and upholstery 332
2.2 Covers and upholstery Recaro seat 333
2.3 Removing and installing seat cover and upholstery 333
2.4 Removing and installing fabric and upholstery for seat extension 335
2.5 Removing and installing seat cover and upholstery 337
2.6 Removing and installing head restraint fabric and upholstery 342
2.7 Removing and installing seat heating element 344
2.8 Removing and installing seat extension heating element 346
2.9 Removing and installing backrest heating element 348
3 Rear seat covers and padding 349
3.1 Rear seat covers and padding 349
3.2 Removing and installing seat cover and upholstery 349
3.3 Removing and installing ski bag > MY 1998 350
3.4 Removing and installing split backrest cover and upholstery > MY 1998 350
3.5 Removing and installing split backrest cover and upholstery MY 1998 ä 352
3.6 Removing and installing fixed backrest fabric and upholstery 363
3.7 Removing centre armrest for fixed backrest 365
3.8 Removing centre armrest for 2/3 backrest 366
3.9 Removing and installing ski bag (folding rear seat) 367
3.10 Making cut-out for ski bag in fabric (folding rear seat) 367
3.11 Cutting out upholstery for child seat anchorage 368

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68 - Interior equipment

1 - Storage compartments/covers

1.1 - Storage compartments/covers



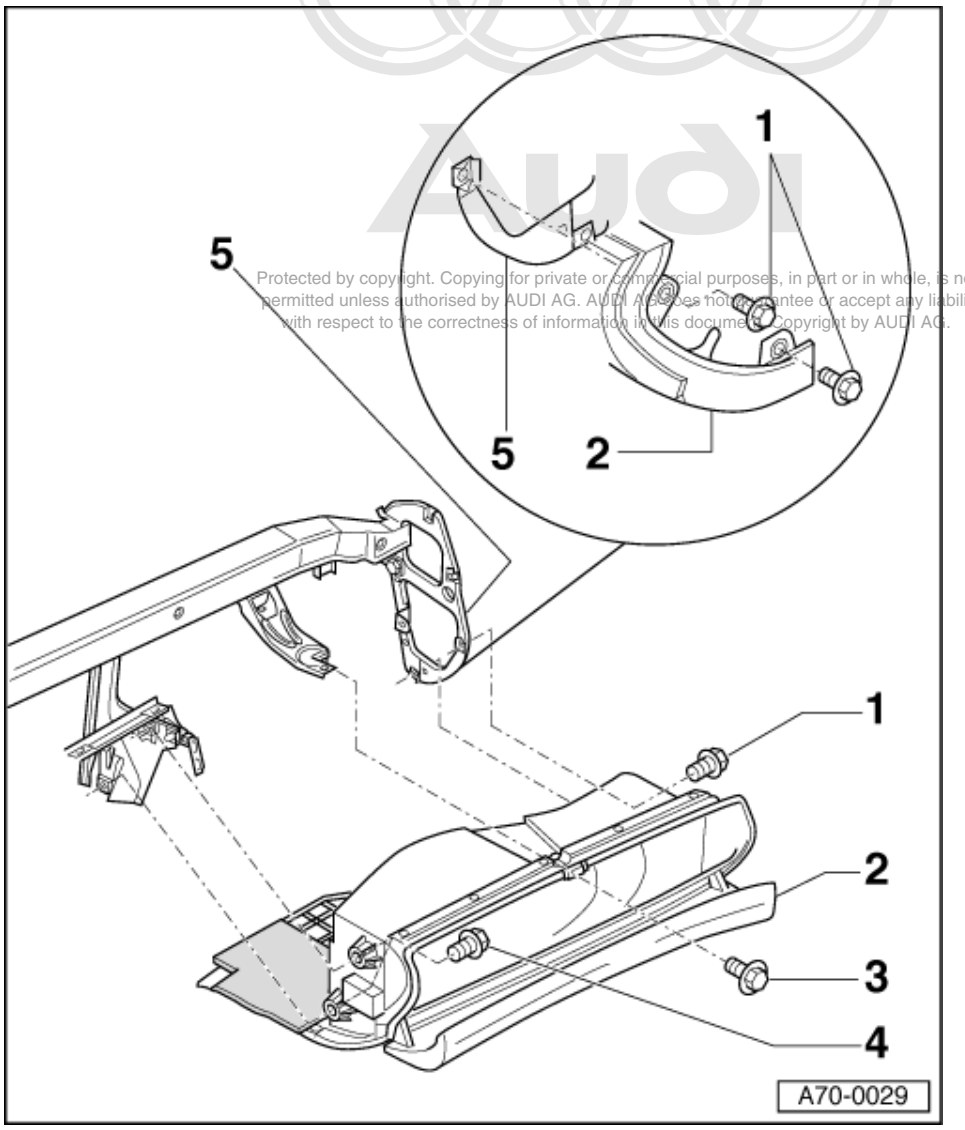
1.2 - Removing and installing glove compartment

1 Bolts (2x)
- Tightening torque 5 Nm

2 Glove compartment
- Unclip end trim for instrument panel.
- Unscrew bolts -1- (2x).
- Remove bolt -3- (1x).
- Open glove box.
- Remove bolts -4- (2x).
- Pull out glove box slightly.

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- Detach connector for glove box illumination.



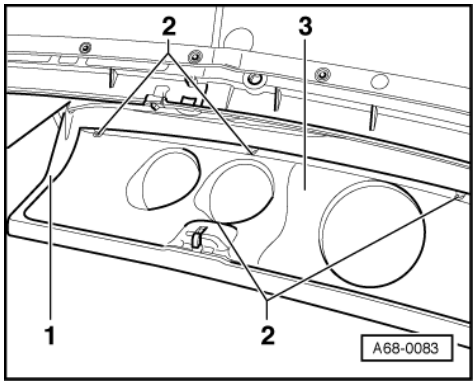
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3 Bolt (1x)
- Tightening torque 5 Nm

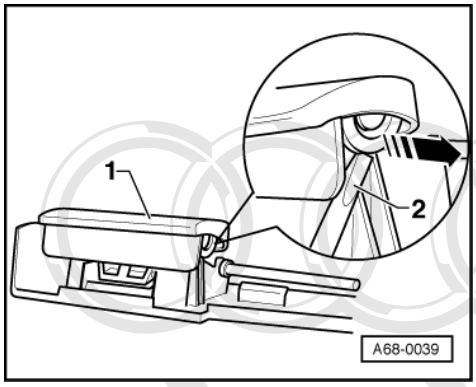
4 Bolts (2x)
- Tightening torque 5 Nm

5 Cross member for dash panel

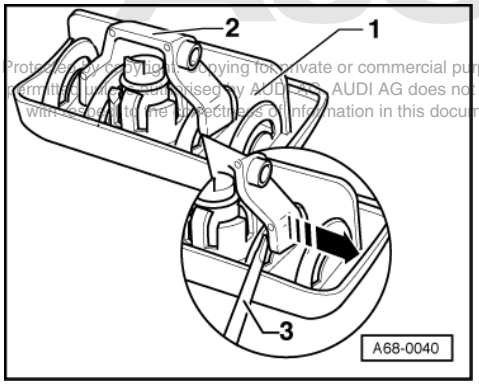
1.3 - Removing and installing glove compartment lock



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

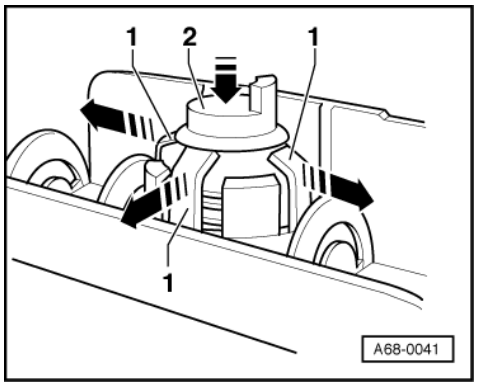


- -> Use screwdriver -2- to lever out glove compartment actuation -1- on left and right side in direction of arrow.
- Remove glove compartment actuation -1-.



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



Note:

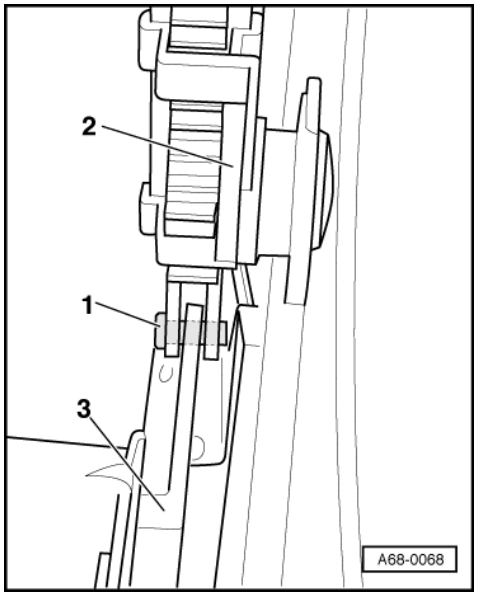
Lock cylinder can only be removed with key inserted.

- -> 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.

1.4 - Removing and installing glove compartment lid

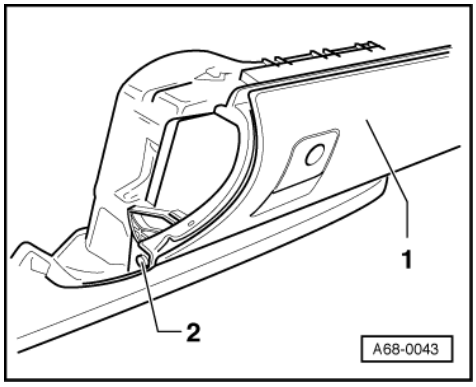


- Remove glove compartment => Page 1
- -> Press out pin -1- at connection between cushioning mechanism for glove compartment -2- and glove compartment lid -3- in direction of arrow.

◆ Removing:

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Notes:

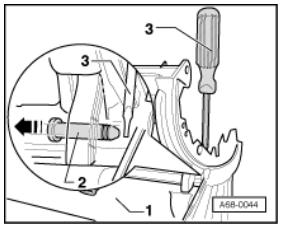


-> The pins -2- may be bonded in if they are a loose fit.
It is possible that there is a spacer at pin -2- between glove compartment lid and glove compartment.

- Pull out pin -2- with pliers.

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- Open glove compartment lid -1-.

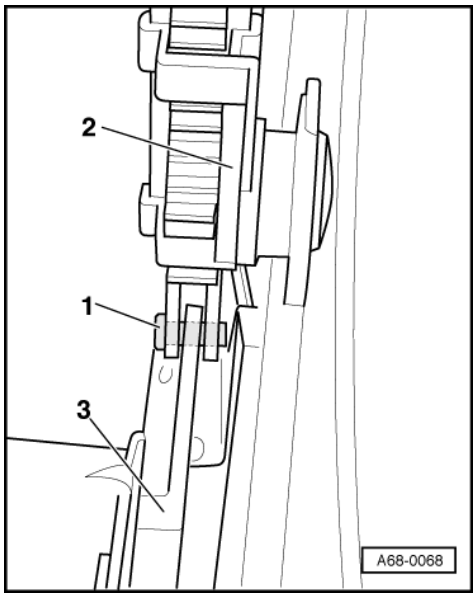


- -> Press pin -2- from the outside with a screwdriver -3- from the outside to the inside in the direction of the arrow (there are grooves in bolt -2- for easier pressing).
- Remove glove compartment lid -1- from glove compartment.
- Removing and installing glove compartment lock => Page 3 .

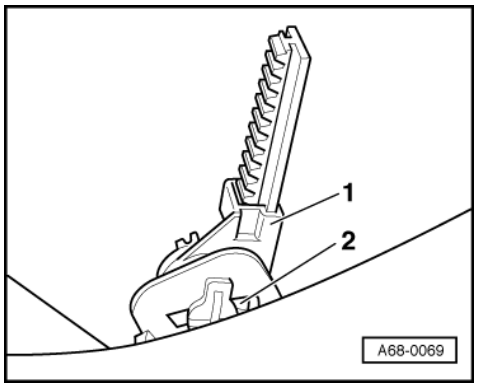
◆ Installing:

- Bond-in loose pins with AMV 195 KD1 O1.

1.5 - Removing cushioning mechanism for glove compartment lid

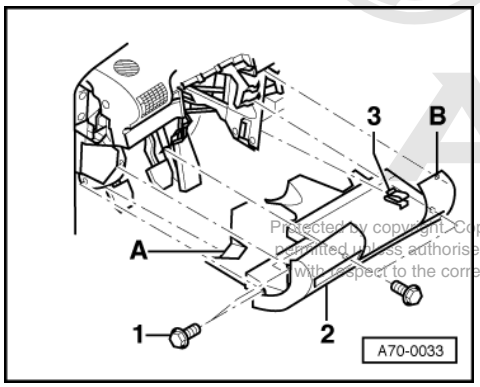


- Remove glove compartment => Page 1
- -> Press out pin -1- at connection between cushioning mechanism for glove compartment -2- and glove compartment lid -3- in direction of arrow.



- -> Turn cushioning mechanism for glove compartment lid -1- through approx. 90° into opening -2- and remove cushioning mechanism.

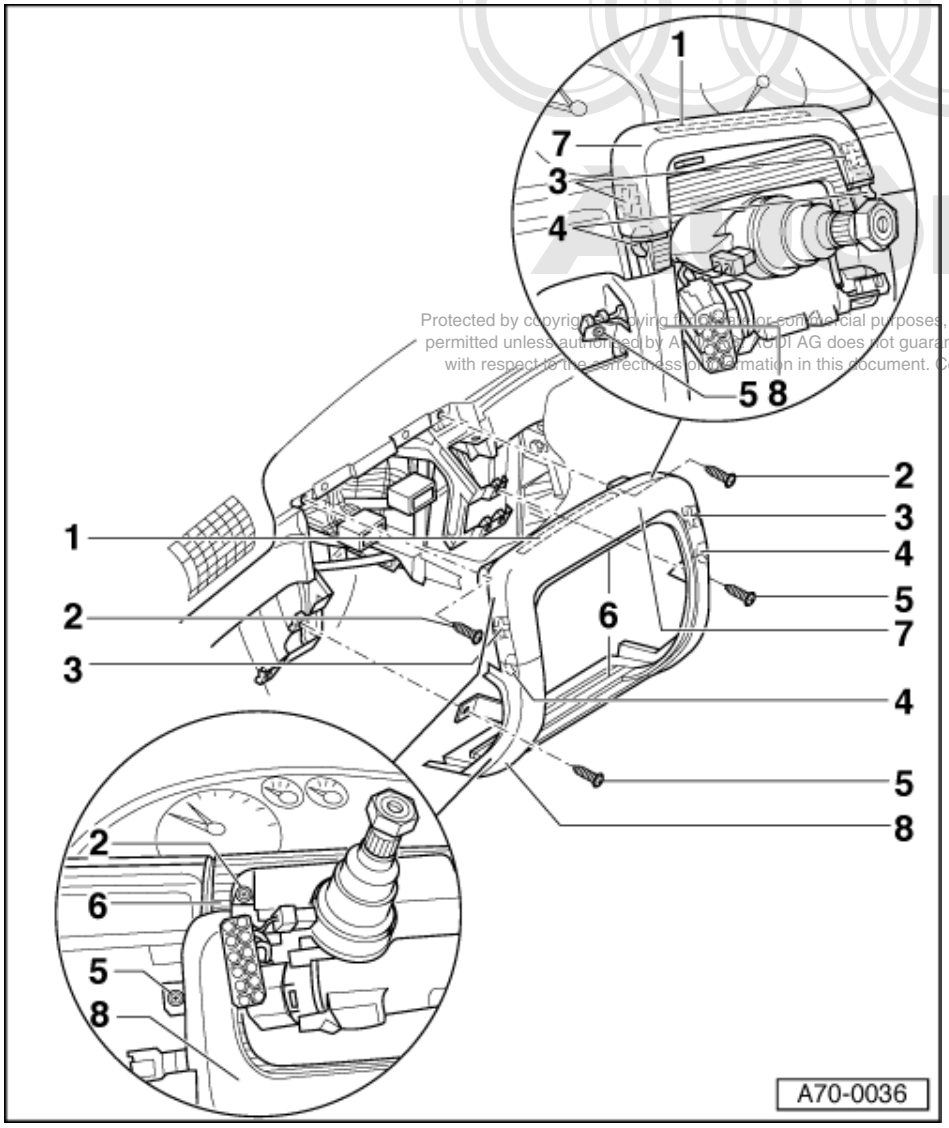
1.6 - Removing driver's storage compartment



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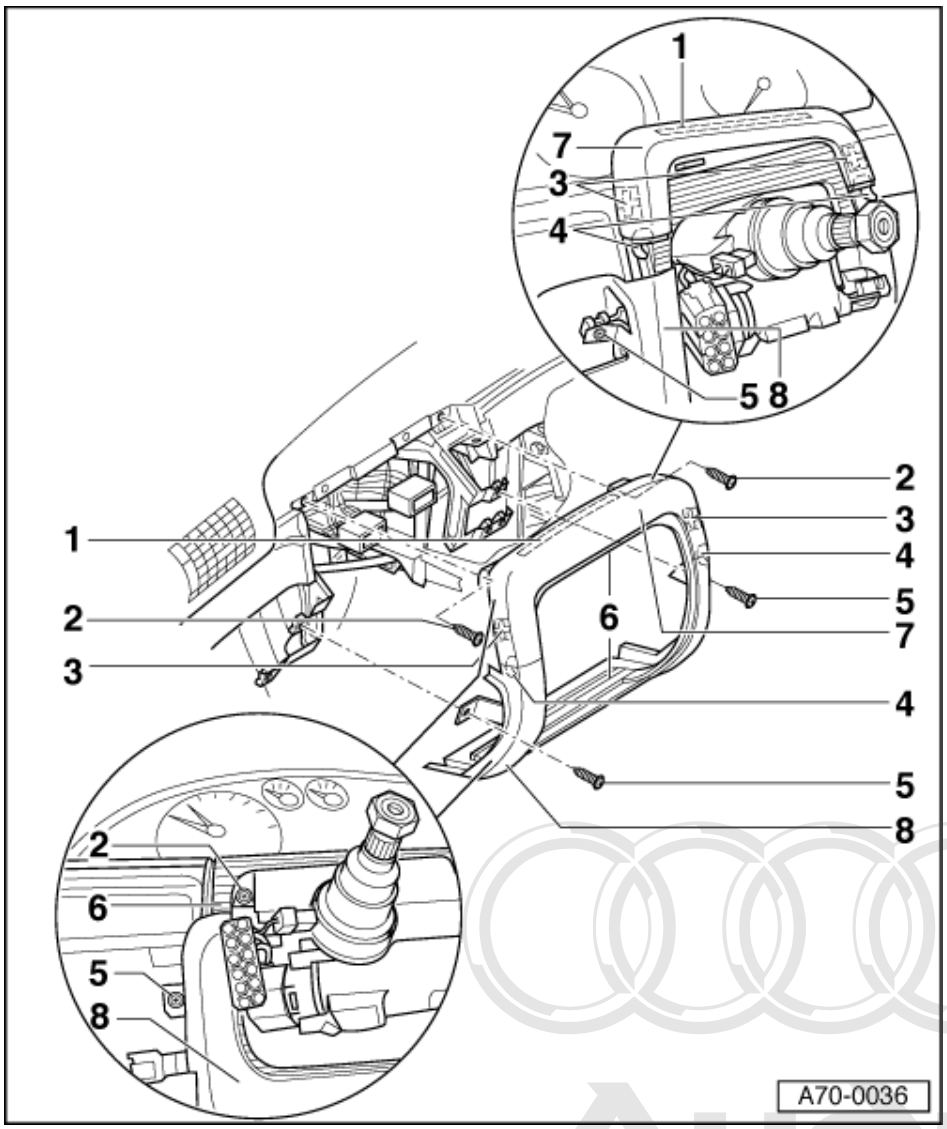
- Unclip dash panel cover.
- Unscrew bolts -1- (4x). Tightening torque 5 Nm.
- -> Unclip shelf from positions -A-, -B- as well as from clip -3-.
- On installation shelf must be clipped back in at positions -A- and -B- as well as clip -3-.

1.7 - Removing and installing steering column trim



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1 Guide for upper steering column trim
2 Bolts (2x)
3 Fastener
4 Guides (2x)
5 Bolts (2x)
6 Flexible trim
- Take care not to kink on removal.



7 Upper steering column trim

- To remove, unclip upper trim from fasteners -1- and -3-.
- Lift out of guides -4-.

8 Lower steering column trim

- Removing driver's shelf=>Page 6
- Remove airbag steering wheel =>Page 70
- Removing steering column switch.

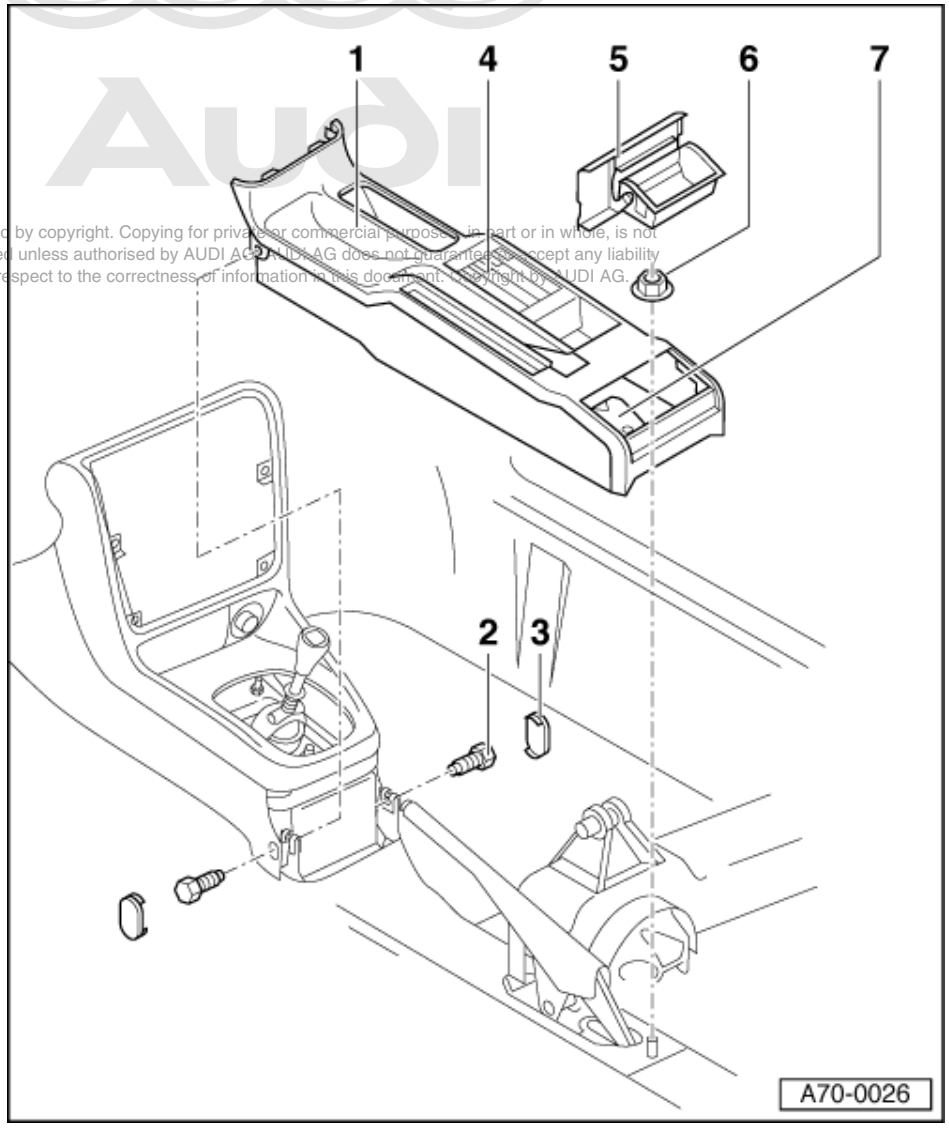
=> Electrical Systems; Repair group 96

- Remove upper steering column trim -7-.
- Remove bolts -2- (2x).
- Remove bolts -5- (2x).

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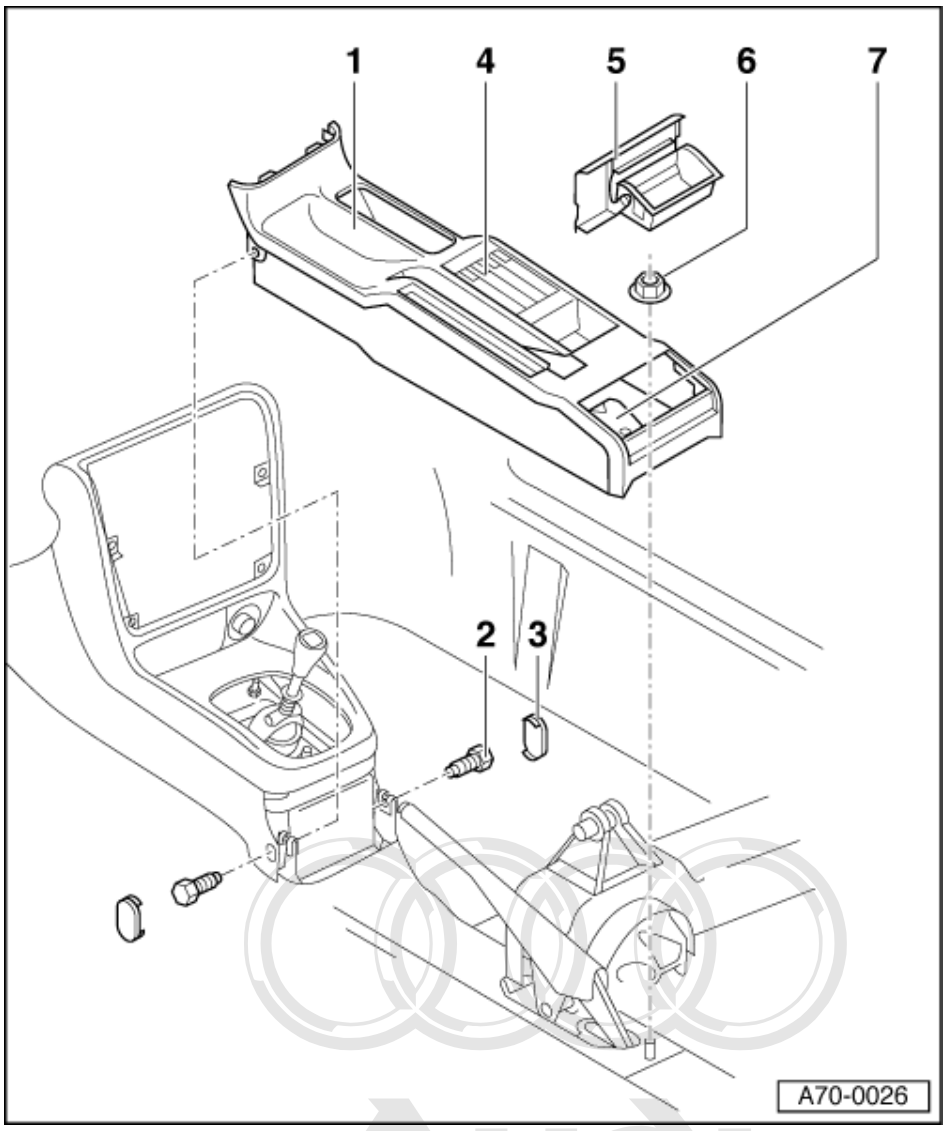
1.8 - Removing and installing centre console at rear

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1 Rear centre console

- ◆ Removing
- - Remove handbrake lever trim=> Page 11
- - Unclip cover -3-(2x).
- - Remove bolts -2- (2x).
- - Open cover for ashtray -5- and pull ashtray up and out.
- - Unscrew nut -6-.
- - If necessary, remove centre armrest =>Page 15
- - Pull handbrake lever, lift rear section of centre console -1- slightly and disengage at front from front section of centre console.



- Lift out rear section of centre console -1- forward over handbrake lever.
- Unclip diagnostic connector -7- from centre console.

2 Bolts (2x)
- Tightening torque 5 Nm

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3 Cover (2x)

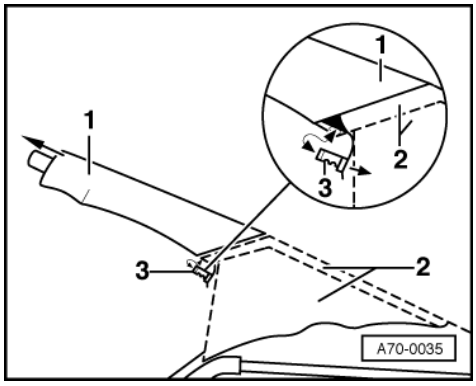
4 Cassette box

5 Rear ashtray
- ◆ To remove, open cover and lift out ashtray.

6 Nut
- Tightening torque 10 Nm

7 Diagnostic connector

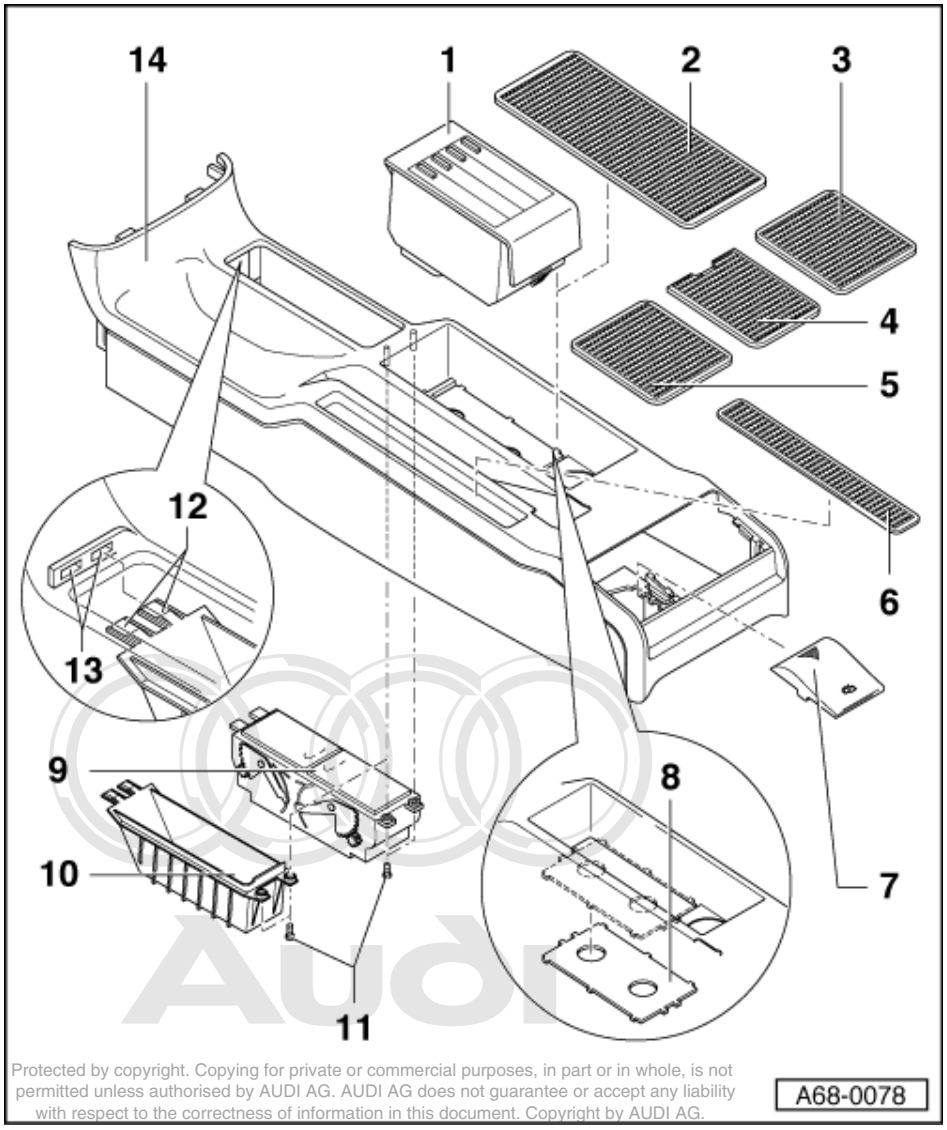
1.9 - Removing and installing handbrake lever trim



- -> Lever out securing pin -3- downwards.
- Detach trim -1- in direction of arrow.
- Detach trim -2-.

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1.10 - Removing and installing components of rear section of centre console



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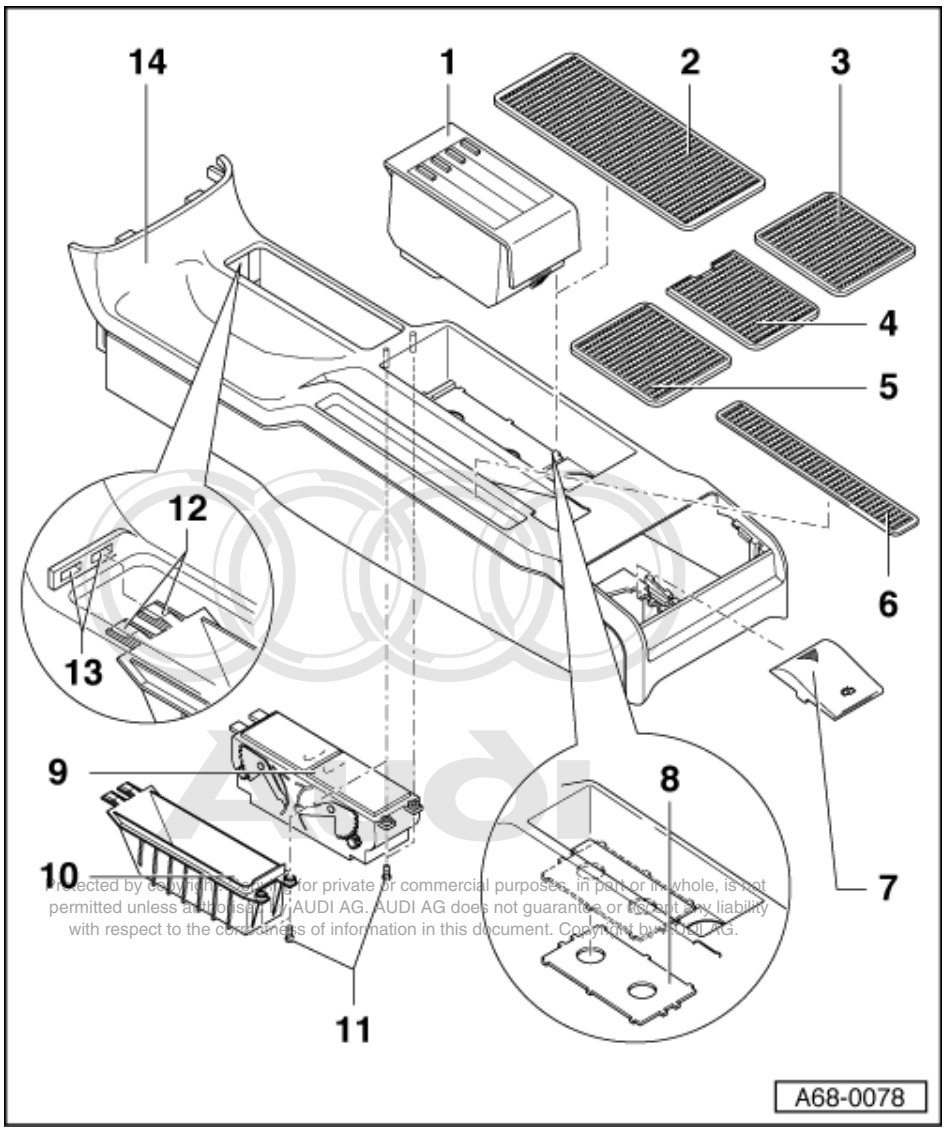
1 Cassette box
- Remove rear section of centre console => Page 9
- Press fastener on cassette box and remove cassette box.

2 Mat lining

3 Mat for telephone in armrest

4 Mat for telephone in centre console

5 Mat for cassette box



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6 Mat lining

7 Cover for diagnostic connector

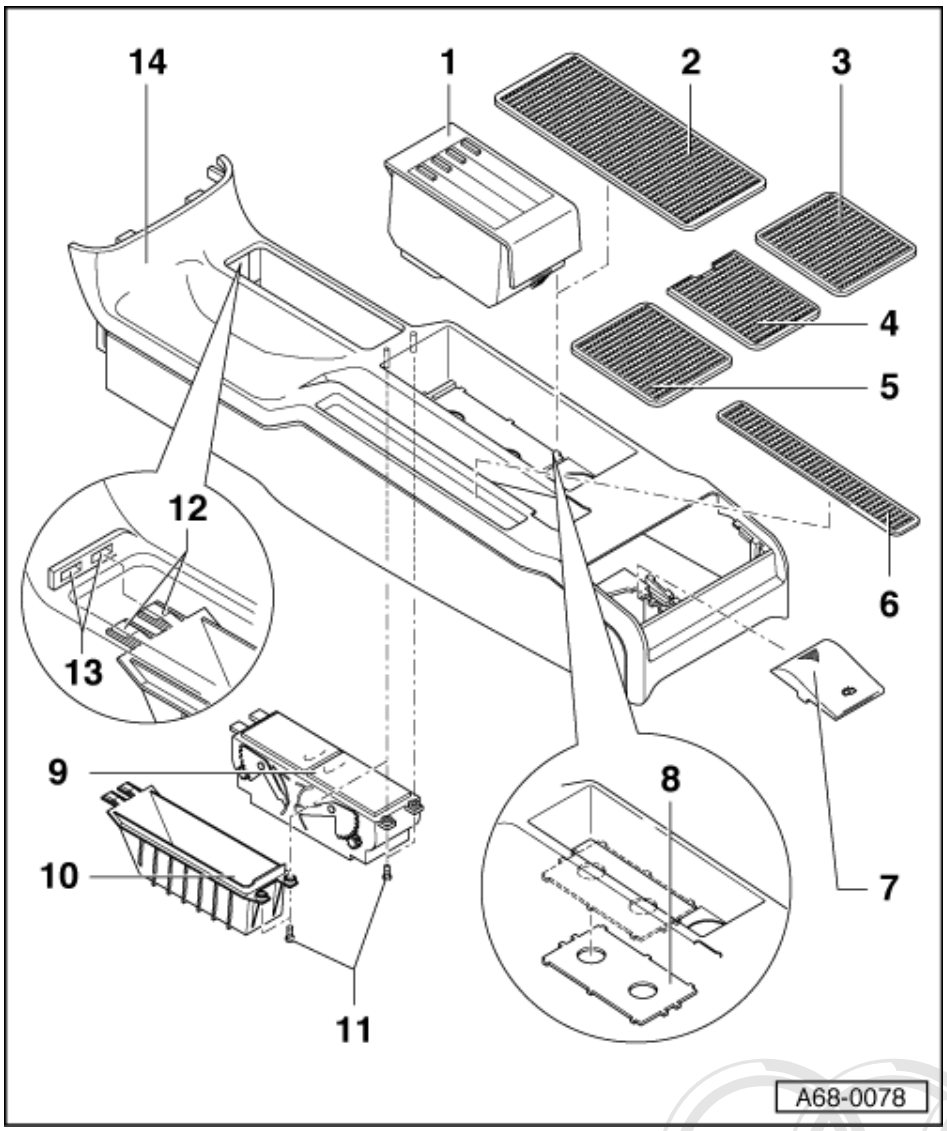
- ◆ Pull off cover of diagnostic connector to rear.

8 To be cut out for cassette box

9 Drinks holder

10 Storage compartment

- Remove rear section of centre console => Page 9
- Remove bolts -11- (2x).
- Pull drinks holder downwards and to rear with retainer tabs -12- out of holders -13-.



11 Bolts (2x)

- Tightening torque 1.5 Nm

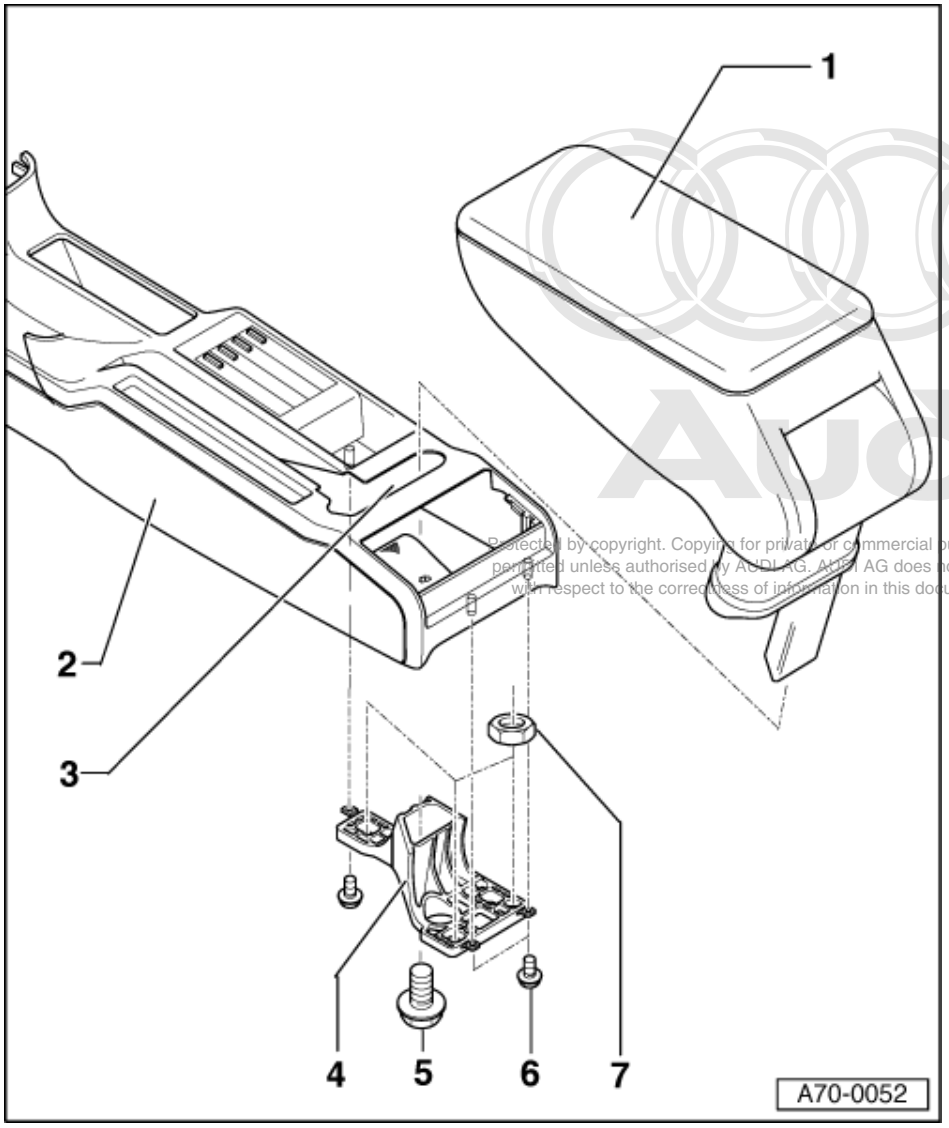
12 Retainer

13 Retainers

14 Rear centre console

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1.11 - Removing and installing centre armrest

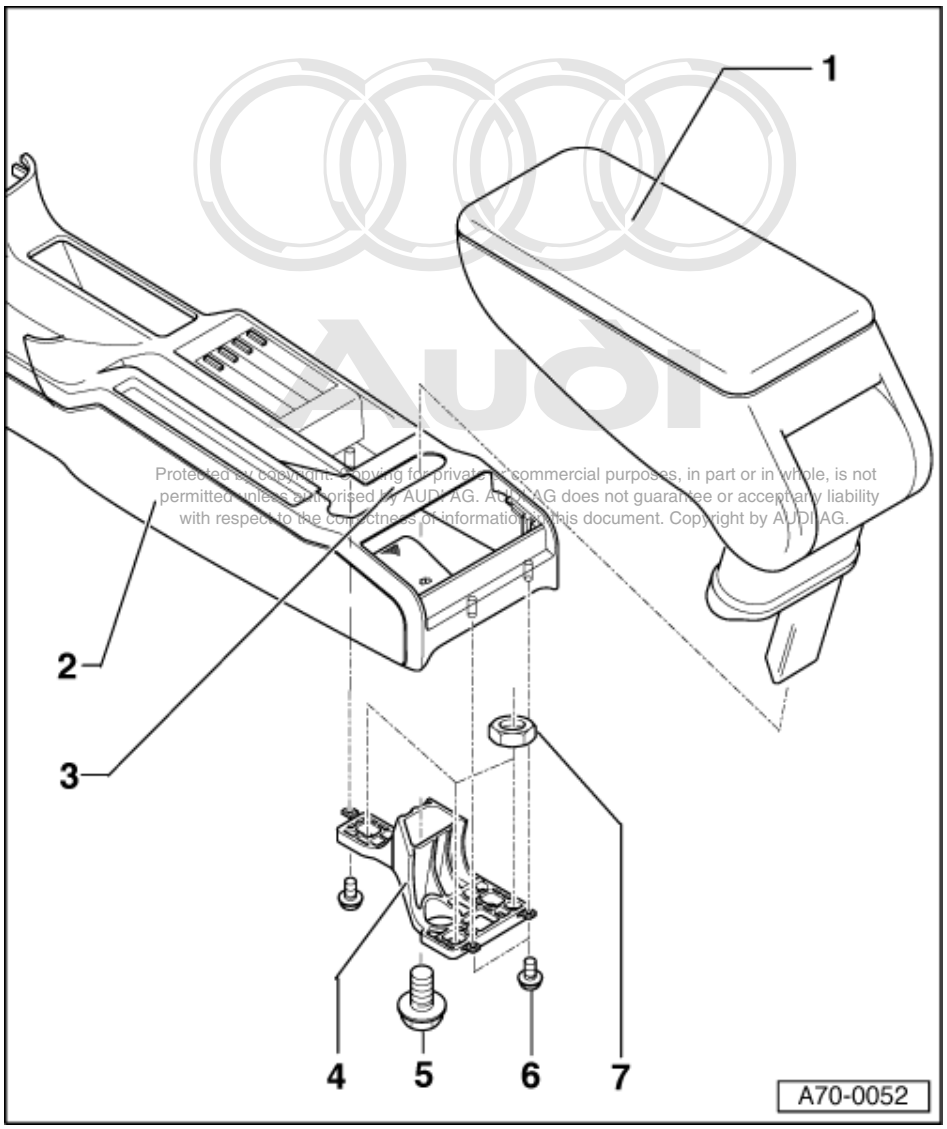


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1 Centre armrest

- Remove handbrake lever trim =>Page 11
- To remove, nut -7- rear ashtray and tray insert must be removed.
- Unscrew nut -7- (3x).
- Remove rear section of centre console with centre armrest.
- Unscrew bolt - 5- (1x).
- Pull centre armrest -1- out of bottom part of support bracket -4-.
- Unscrew bolts -6- (3x).
- Remove bottom part of support bracket -4- from rear section of centre console -2-.

2 Rear centre console



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3 Cut out for centre armrest

- Cut out for centre armrest -3- in centre console -2- is premarked for retrofitting on underside.
- For retrofitting without marking in centre console => Page 17 .

4 Bottom part of support bracket

5 Bolt (1x)

- Tightening torque 10 Nm

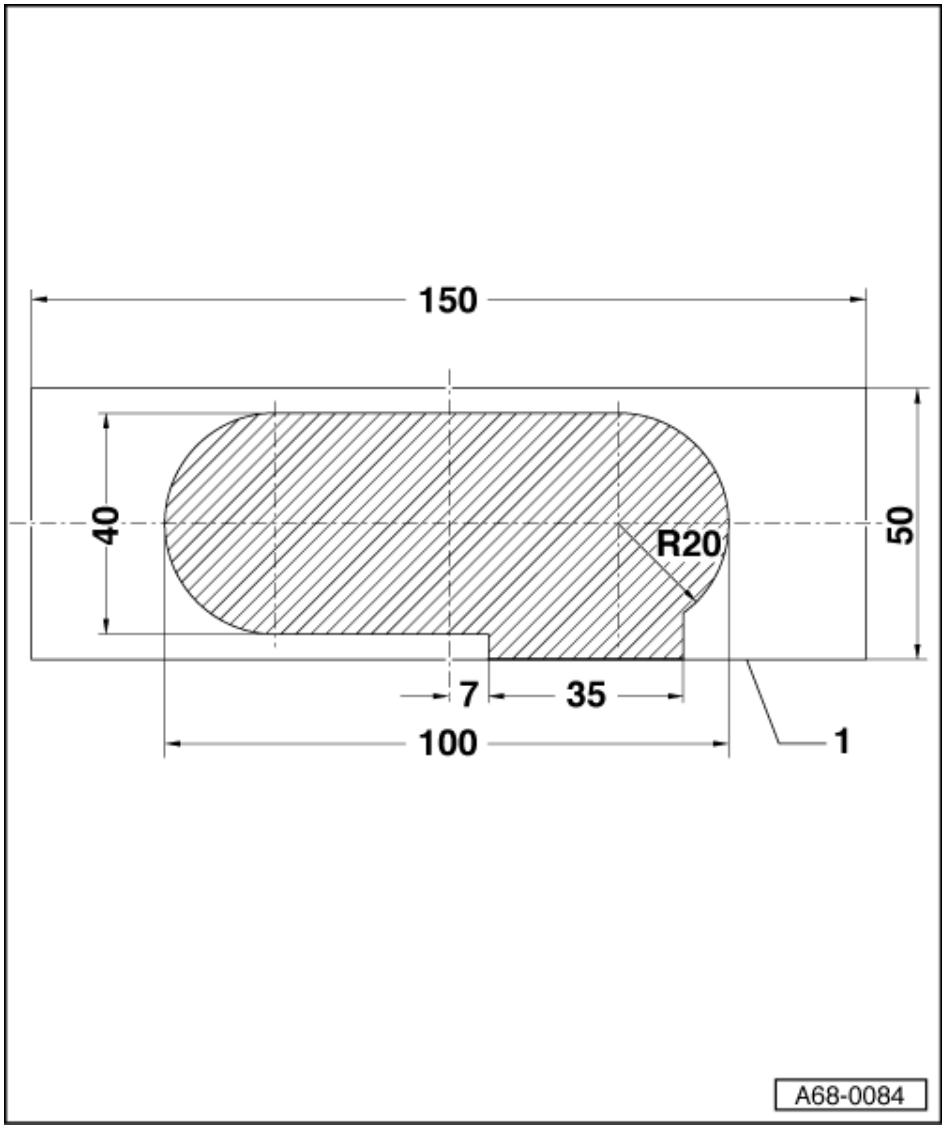
6 Bolts (3x)

- Tightening torque 3.5 Nm

7 Nut (3x)

- Tightening torque 10 Nm

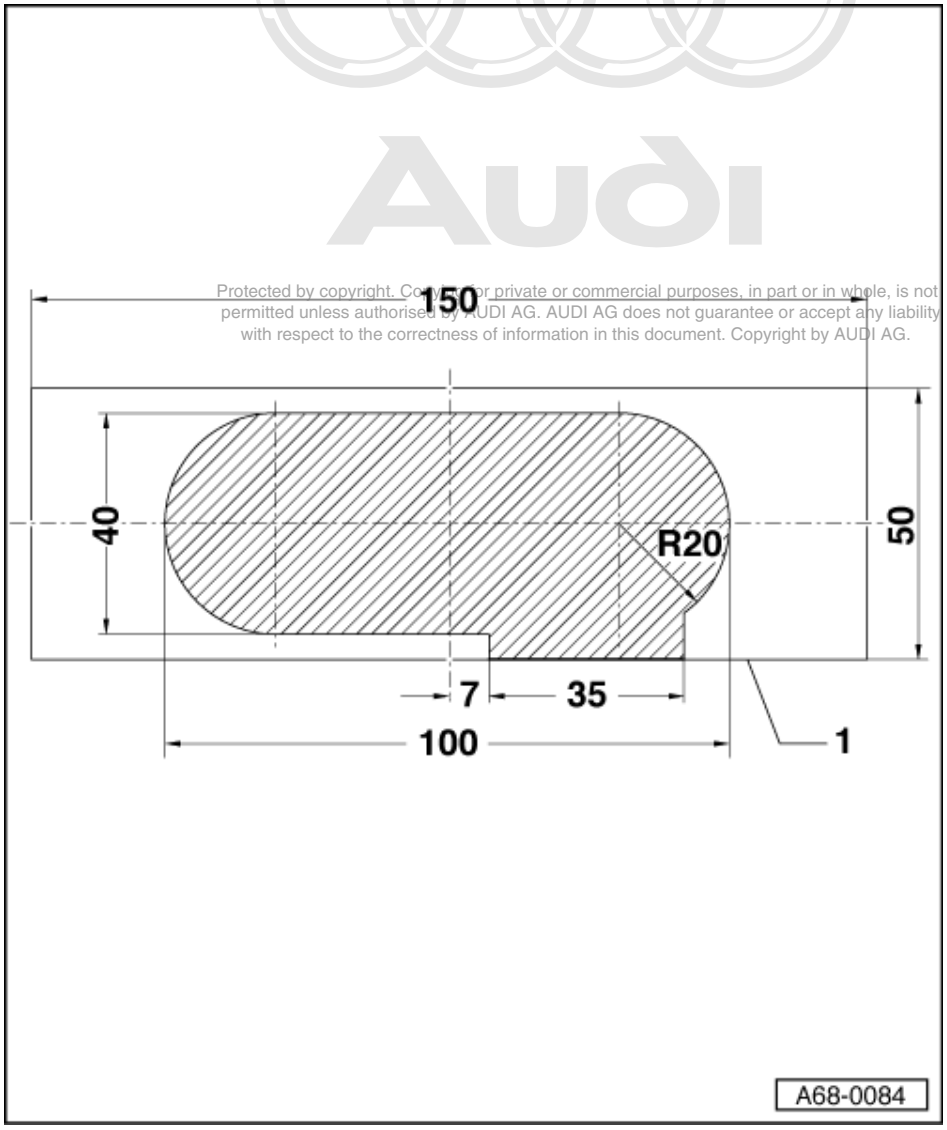
1.12 - Making template for centre armrest cut-out



- Mark out template in line with stated dimensions and cut out.
- Cut out hatched area.

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1.13 - Cutting out centre console for centre armrest



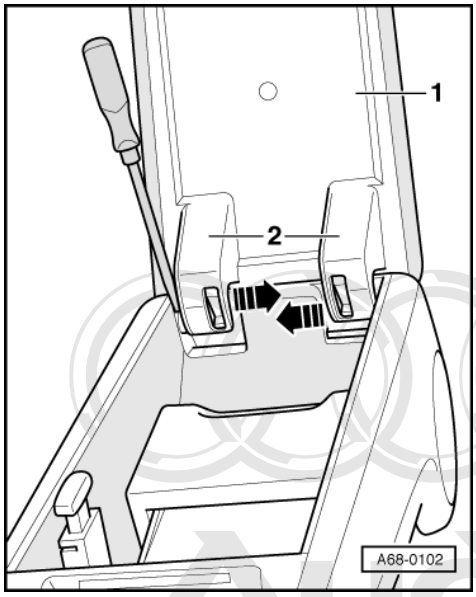
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Note:

Illustration does not correspond to actual size.

- Insert template from underneath in centre console (reference edge -1- is handbrake lever cut out) and mark area to be worked on centre console.
- Cut out centre console and smooth cut edges.

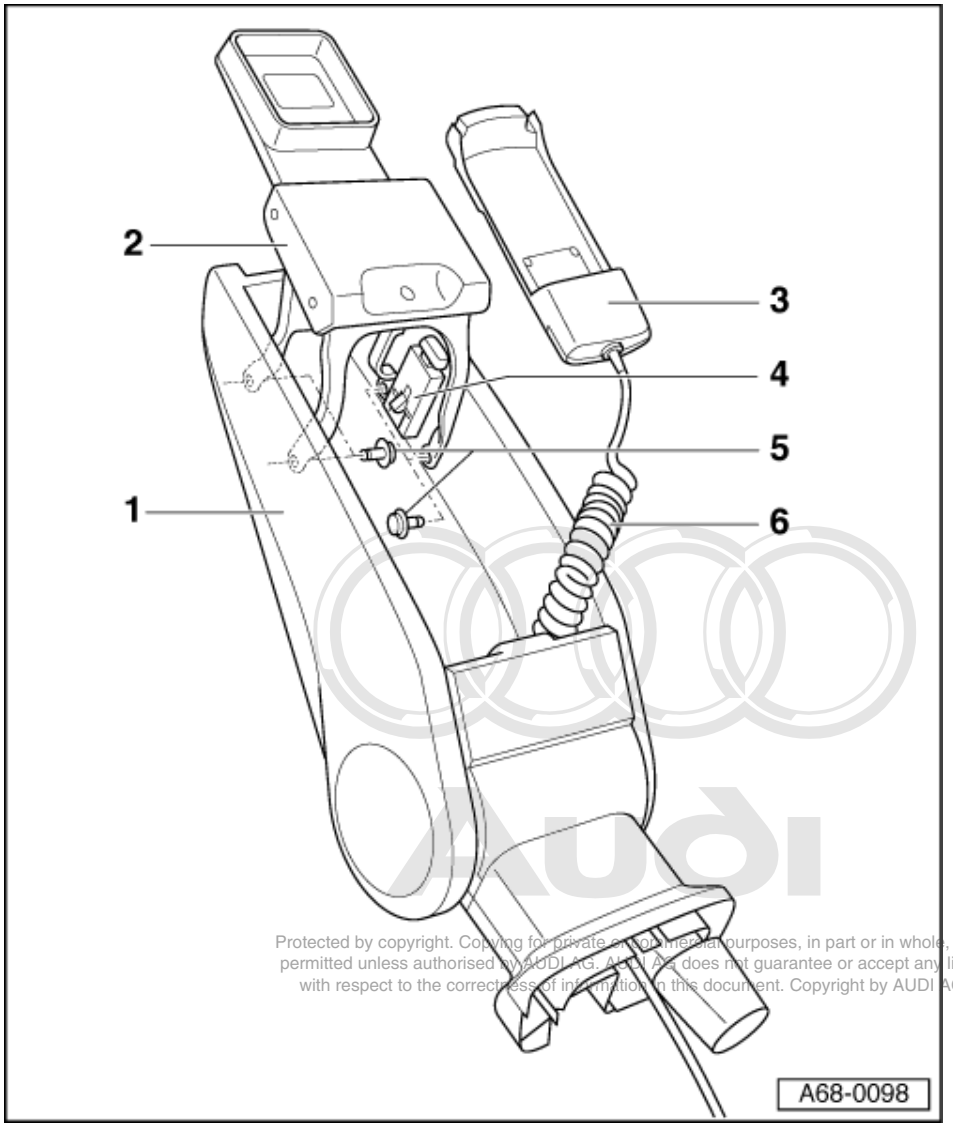
1.14 - Removing and installing cover for centre armrest



- Detach telephone cables on vehicles fitted with a telephone =>Page 22
- Use screwdriver to lever out arms -2- in direction of arrow.
- Remove cover for centre armrest -1-.

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1.15 - Removing and installing centre armrest lift for car phone/mobile phone



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1 Centre armrest

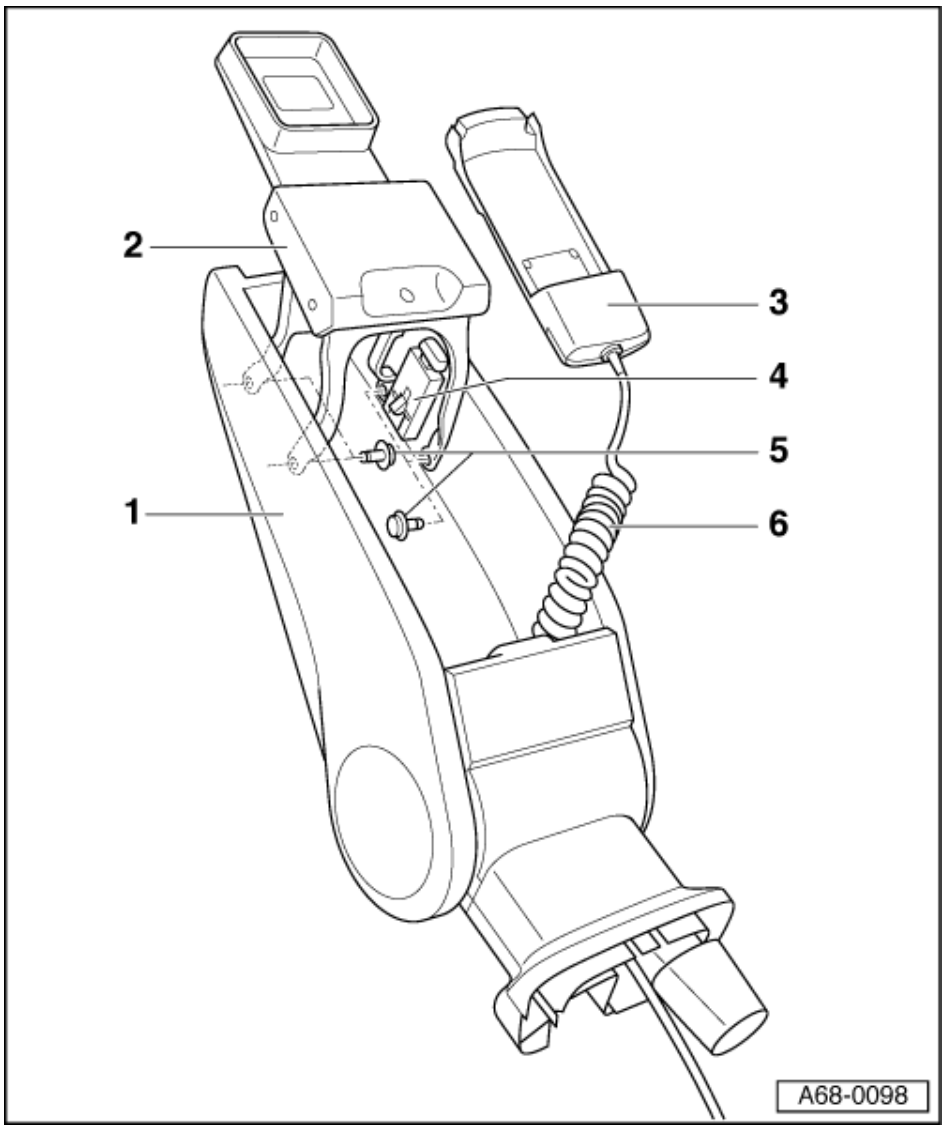
Notes:

For clarity, illustration shows components removed from vehicle and without cover.

Lift for car phone/mobile phone cannot be removed without destroying it.

2 Lift for car telephone/mobile phone

- Removing
  - Release lift mechanism -2-.
  - Use suitable small cutters to cut through arms of lift -2- =>Fig.: 1
  - Remove bolts -5- (4x) =>Fig.: 2
- Installing
  - Always use new bolts.



3 Carrier for mobile phone

- Removing => Page 23

4 Lift release mechanism

- Removing
  - Use a screwdriver to lever out lift release mechanism -4-.
  - Press out lift release mechanism -4- at the bottom.
- Installing
  - Insert at the bottom first.

5 Pin

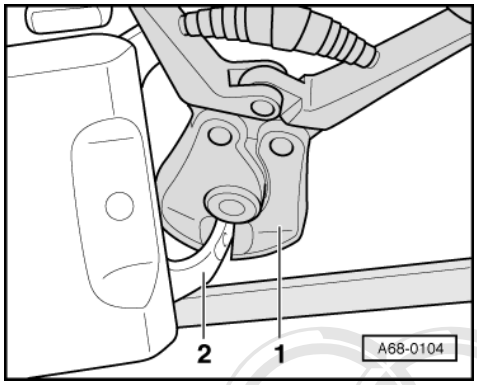
- Always renew

6 Cable

- Removing => Page 23

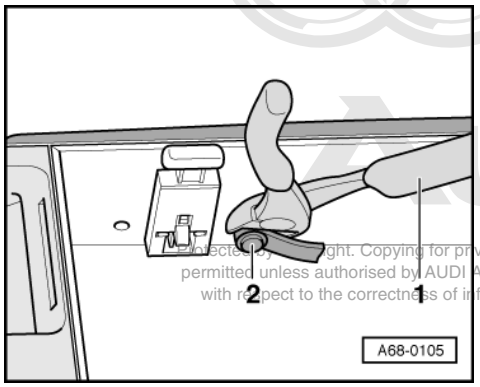
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Fig.:1 Cutting through arms



- Use cutter -1- to cut through arms (4x) of lift.

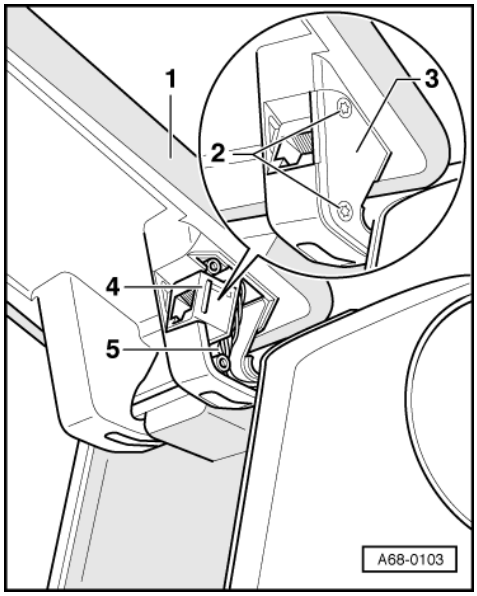
Fig.:2 Removing bolts



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- Use side cutting pliers - 1- to carefully lever out pins - 2- (4x) by turning and tilting.

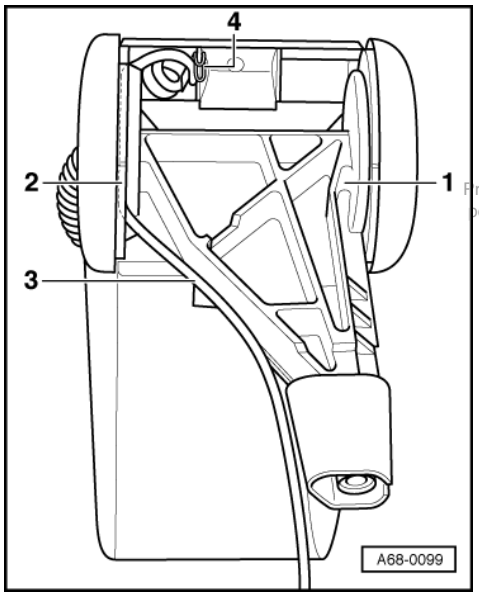
1.16 - Removing and installing cable for telephone



- Remove centre armrest => Page 15
- Use screwdriver to lever out arm for cover of centre armrest -1- on left side.
- -> Remove screws -2- (2x).
- Remove cover -3-.

- Remove connector -4-.
- Use screwdriver to lever out arm for cover of centre armrest -1- on right side.
- Remove cover for centre armrest -1-.
- On installation, ensure cables -5- are positioned in slot in arm of centre armrest.
- Removing trim for centre armrest base =>Page 23
- Lift out cable -5-.

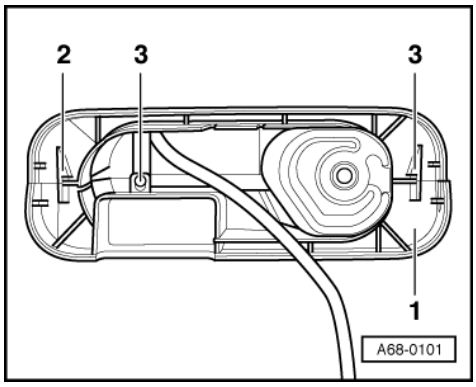
1.17 - Removing and installing cable and holder for mobile phone



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- Remove centre armrest => Page 15
- Removing trim for centre armrest base =>Page 23
- Removing cover for centre armrest base =>Page 19
- -> Detach cable -3- from clip -4-.
- Detach cable -3- from channel of hinge trim -2-.
- Pull cable -3- through upwards.
- On installation, ensure that cable -3- is positioned in channel of hinge trim -2-.

1.18 - Removing and installing trim for centre armrest base

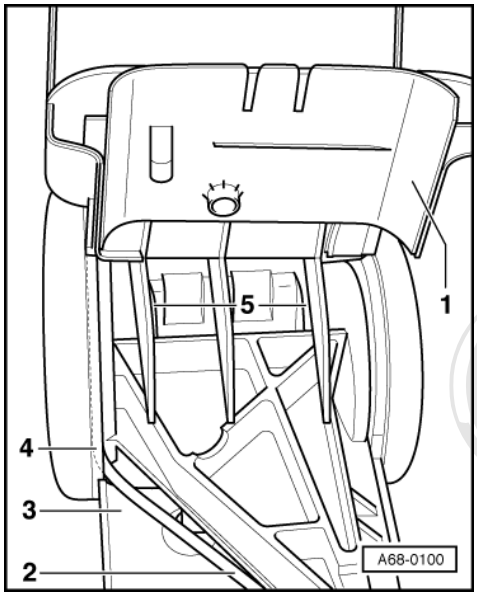


Note:

The trim for the centre armrest base cannot be removed without destroying it.

- Remove centre armrest => Page 15
- -> Release trim -1- at engaging hooks -2- (2x).

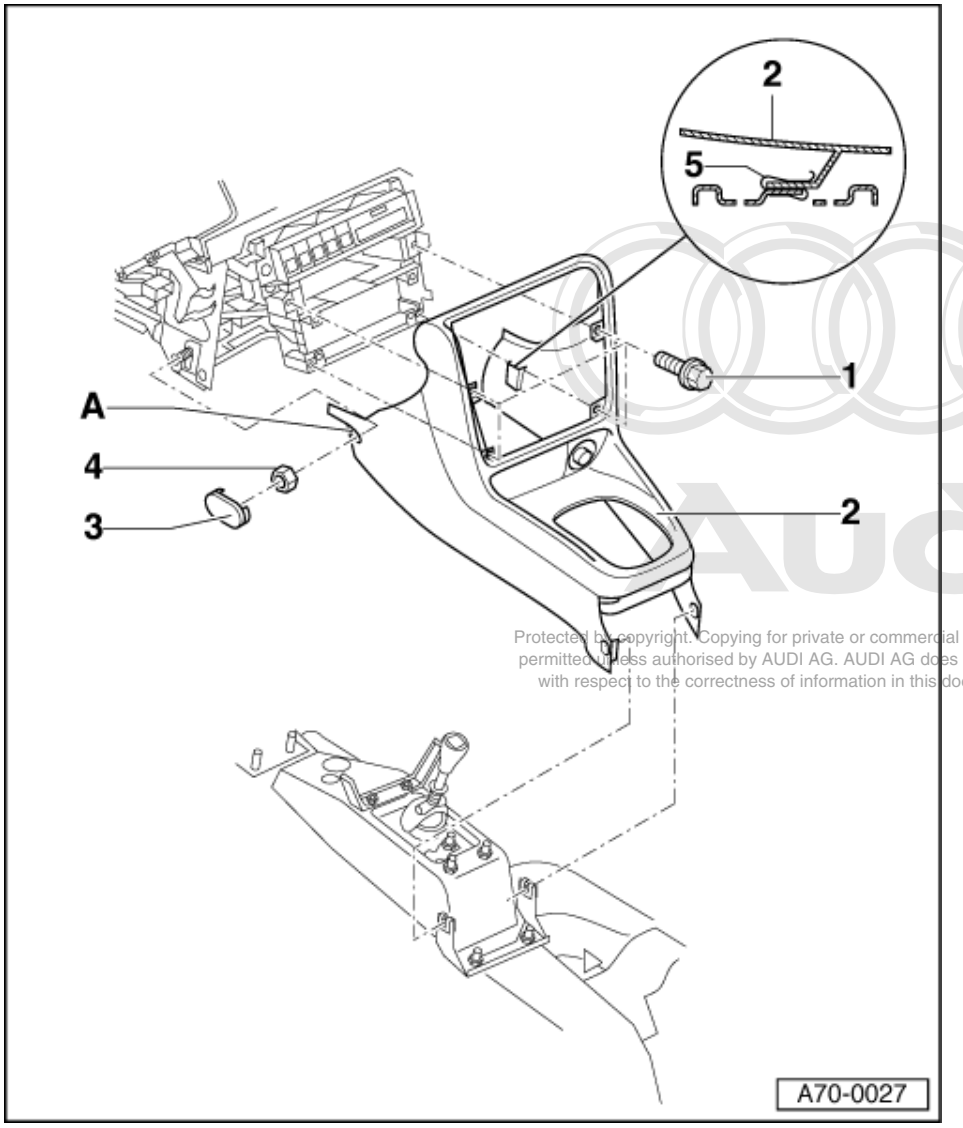
- Release retaining tab -3-.



- -> Tug top trim section -1- off centre armrest base.
- Use screwdriver to release top trim section -1- from bottom trim section -3- at engaging hooks -5-.
- Remove the two trim panels.
- On installation, ensure that cable -3- is positioned in channel of hinge trim -4-.

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1.19 - Removing and installing front section of centre console

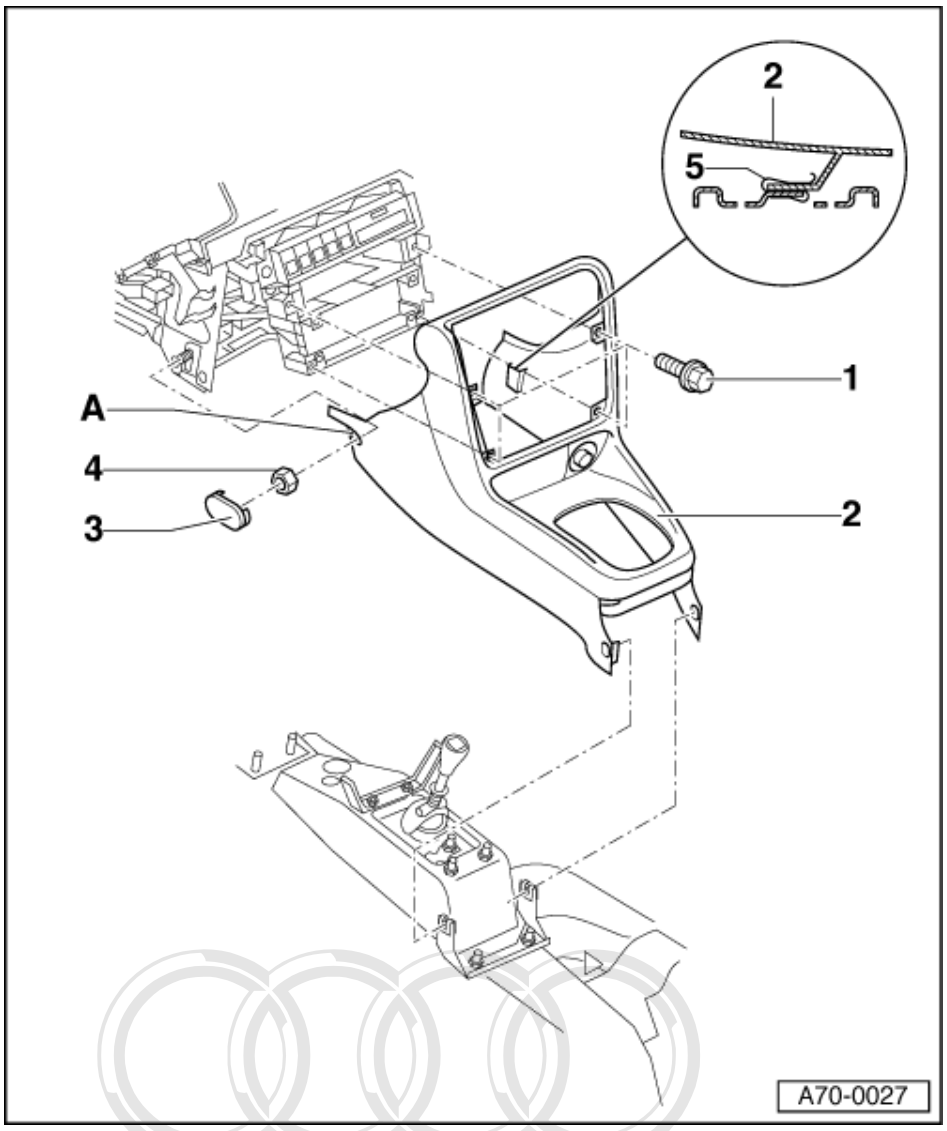


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1 Bolt (4x)
- Tightening torque 5 Nm

2 Front section of centre console

◆ Removing
- Remove rear section of centre console => Page 9
- Remove trim for centre section of dash panel =>Fig.: 4
- Unscrew heater control from centre section of instrument panel =>Fig.: 3 .
- Unclip cover -3-.
- Unscrew nut -4-.
- Unscrew bolts -1- (4x).
- Disengage centre console from position -A- and pull out to rear.



- Installing
  - On installation centre console must be inserted into fastener -5-.

3 Cover

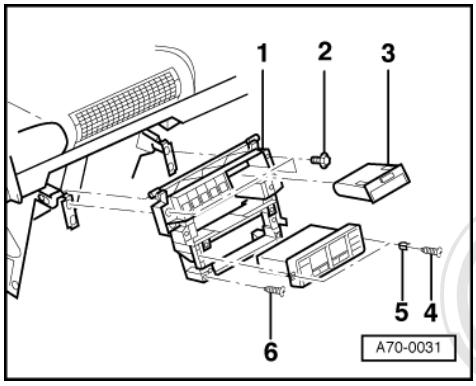
4 Nut

- Tightening torque 3.5 Nm

5 Fastener

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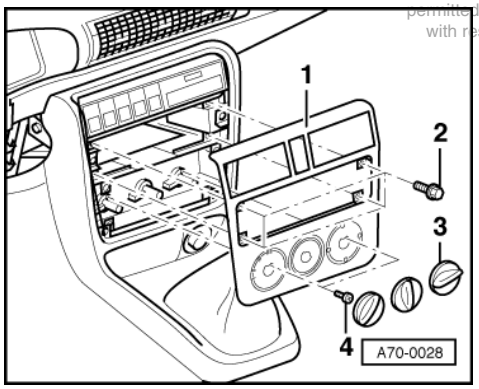
Fig.:3 Removing centre section of dash panel



- -> Unscrew bolts -2- (4x). Tightening torque 5 Nm.
  - On vehicles with air conditioning unscrew bolts -4- (2x). Tightening torque 3.5 Nm.
  - On vehicles with heater unscrew bolts -6- (4x). Tightening torque 5 Nm.
- Disengage centre section of dash panel -1- at top from the two guides, pull it forward slightly and detach wiring.
- Tray -3- is only unclipped.

Fig.:4 Removing cover for dash panel centre section

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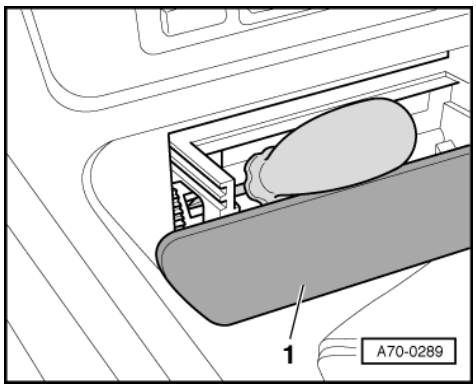


- Removing radio.

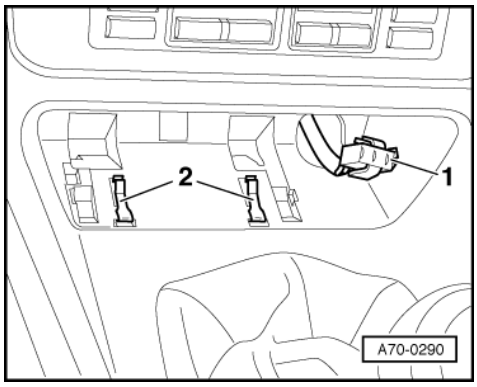
=> Electrical Systems; Repair group 91.

- On vehicles with heater: Pull off heater control knobs -3- (3x) and unscrew bolts -4- (2x). Tightening torque 3.5 Nm.
- -> Unscrew bolts -2- (4x). Tightening torque 5 Nm.
- Unclip trim -1-.

1.20 - Removing front ashtray



- Open front ashtray.
- Remove ashtray inlay.
- Use screwdriver to release clips -2- (2x).
- Remove ashtray -1- to front.

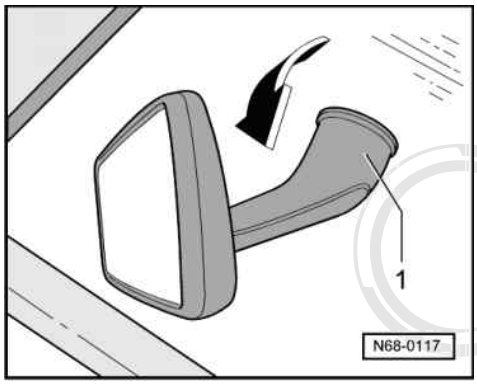


- Detach connector to cigarette lighter -1-.
- Clips for releasing ashtray -2- (2x).

2 - Interior rear-view mirror

2.1 - Interior rear-view mirror

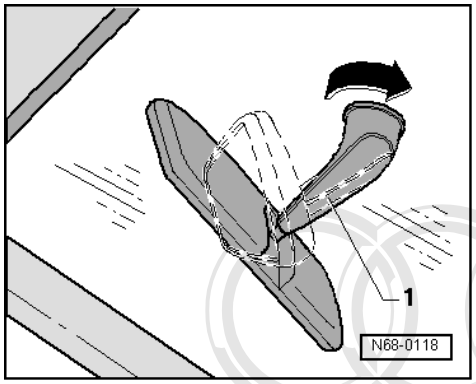
2.2 - Removing interior rear-view mirror



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

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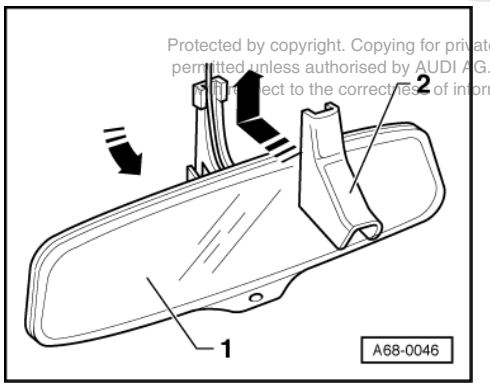
2.3 - Installing interior rear-view mirror



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

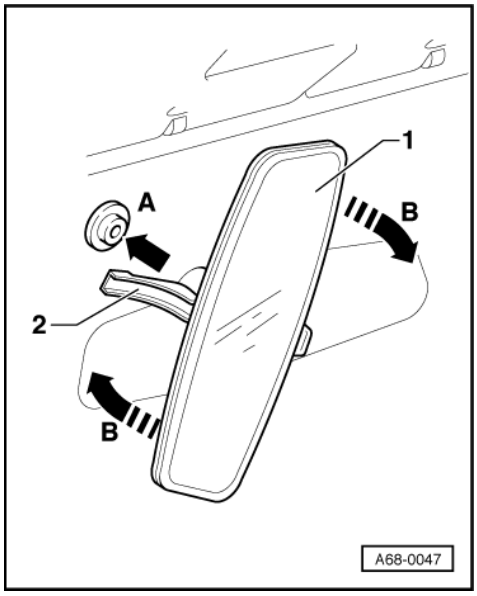
2.4 - Removing interior rear-view mirror (automatic anti-glare mirror)

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- 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).

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



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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.

2.6 - 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.

2.7 - 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)

- Remove mirror plate from mirror base.
- Use wire brush to remove PUR-adhesive from mirror plate.
- Grind off three spacers on bonding area. Use sandpaper (360/400 grain) on flat surface.
- Keep sanded surface clean and free from dirt and grease.

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- 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.

Note:

Wear hand protection (rubber glove).

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

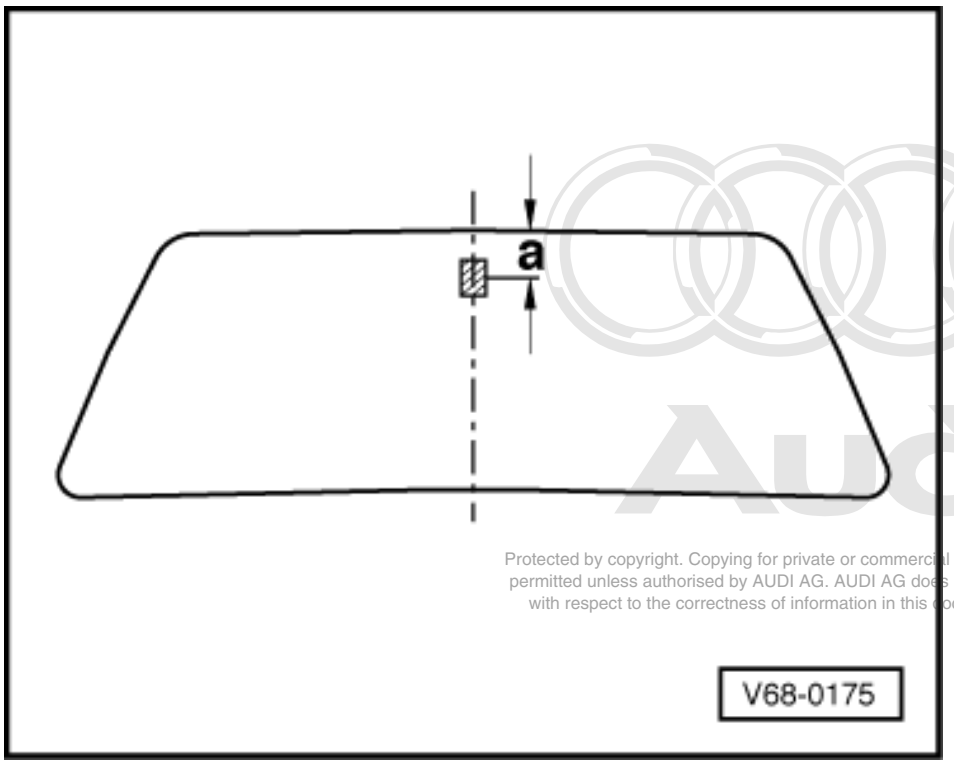
30 seconds are available for applying the adhesive to the nylon mesh fabric until pressing it onto the windscreen.

- 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.

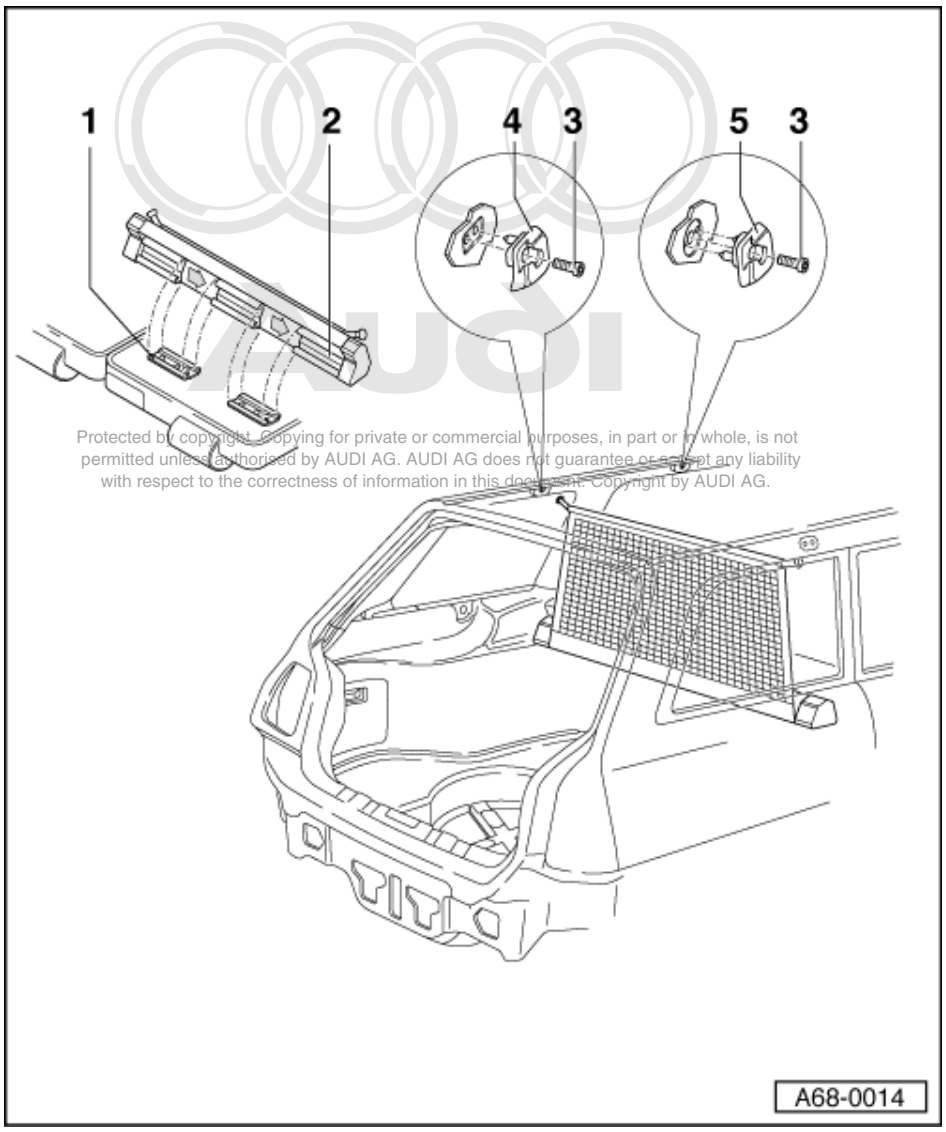


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- -> Dimension for interior rear-view mirror with ball joint a= 125 mm (bottom edge of trim strip to centre of bonding surface of mirror base).

3 - Removing and installing partition grille

3.1 - Removing and installing partition grille



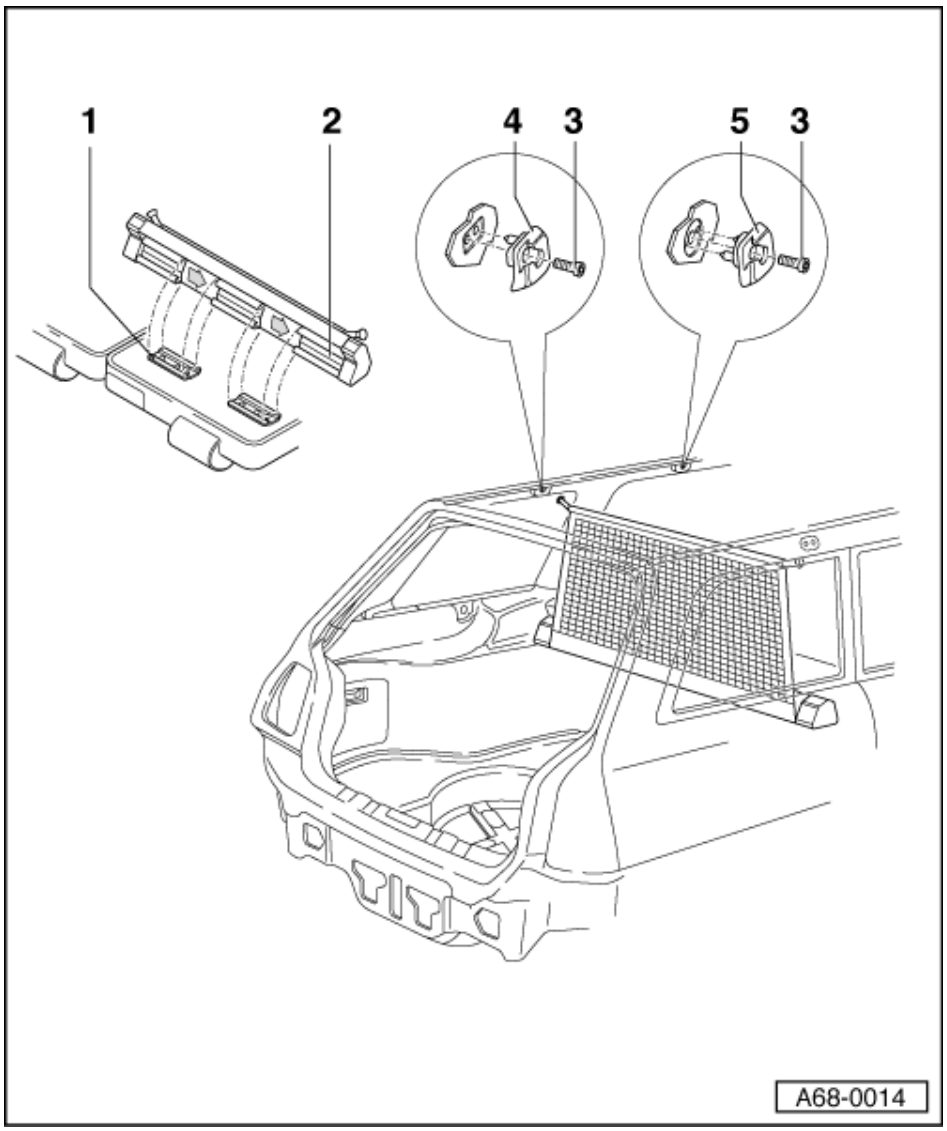
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1 Retainer rail

- To remove, unscrew bolts -3- (2x per retainer rail).
- Torque 4 Nm
- For retrofitting:
- Holes in backrest are already prepunched and are concealed by backrest trim. These points must be perforated with an awl (Dimensions =>Fig.: 1).

2 Partition grille

- To remove, fold backrest forward, open rear right door, push partition grille in direction of arrow and remove from retainer rail -1-.



3 Bolt

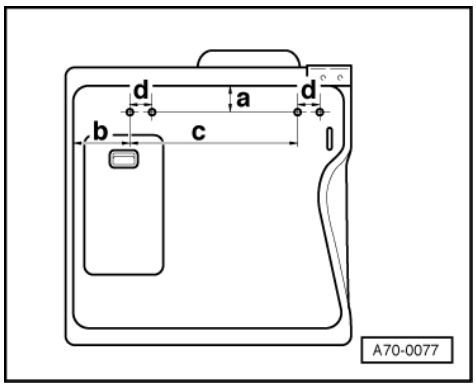
4 Rear eyelet

5 Front eyelet

- To remove eyelets, unscrew bolts -3- for front and rear eyelets -4/5-.
- Torque 6 Nm
- For retrofitting:
- Mark dimensions of cuts to be made (Fig.: 2 .) and cut out.
- Cut outs are prepunched on back and can be felt through headliner fabric.

Important
Eyelet openings must always face rear on installation!

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Fig.1 -> Dimensions for retainer holes

- Dimension a = 38 mm
- Dimension b = 86.5 mm
- Dimension c = 355 mm
- Dimension d = 66 mm
- All dimensions measured from edge of backrest trim.

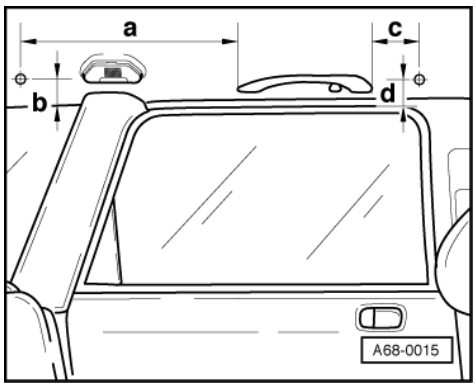


Fig. 2 -> Dimensions for eyelets

- Dimension a = 575 mm measured from grab handle.
- Dimension b = 60 mm measured from bottom edge of moulded headliner along contour.
- Dimension c = 45 mm measured from grab handle.
- Dimension d = 30 mm measured from top edge of moulded headliner along contour.

69 - Passenger protection

1 - Seat belts

1.1 - Seat belts

1.2 - 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.

- The belt tensioner units should be installed immediately after removing them from their transport containers.
- If the work is interrupted, the belt tensioner unit should 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.

1.3 - 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.

- Observe transportation regulations for explosive substances.
- Procedure for rear belt tensioners is similar to that for front tensioners (remove rear shelf and boot side trim or detach 2/3 backrest upholstery).
- Procedure for triggering pyrotechnic belt tensioner:

- Removing upper B-pillar trim => Page 177
- Removing lower B-pillar trim => Page 177
- Removing outer seat belt anchorage point => Page 45
- 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.

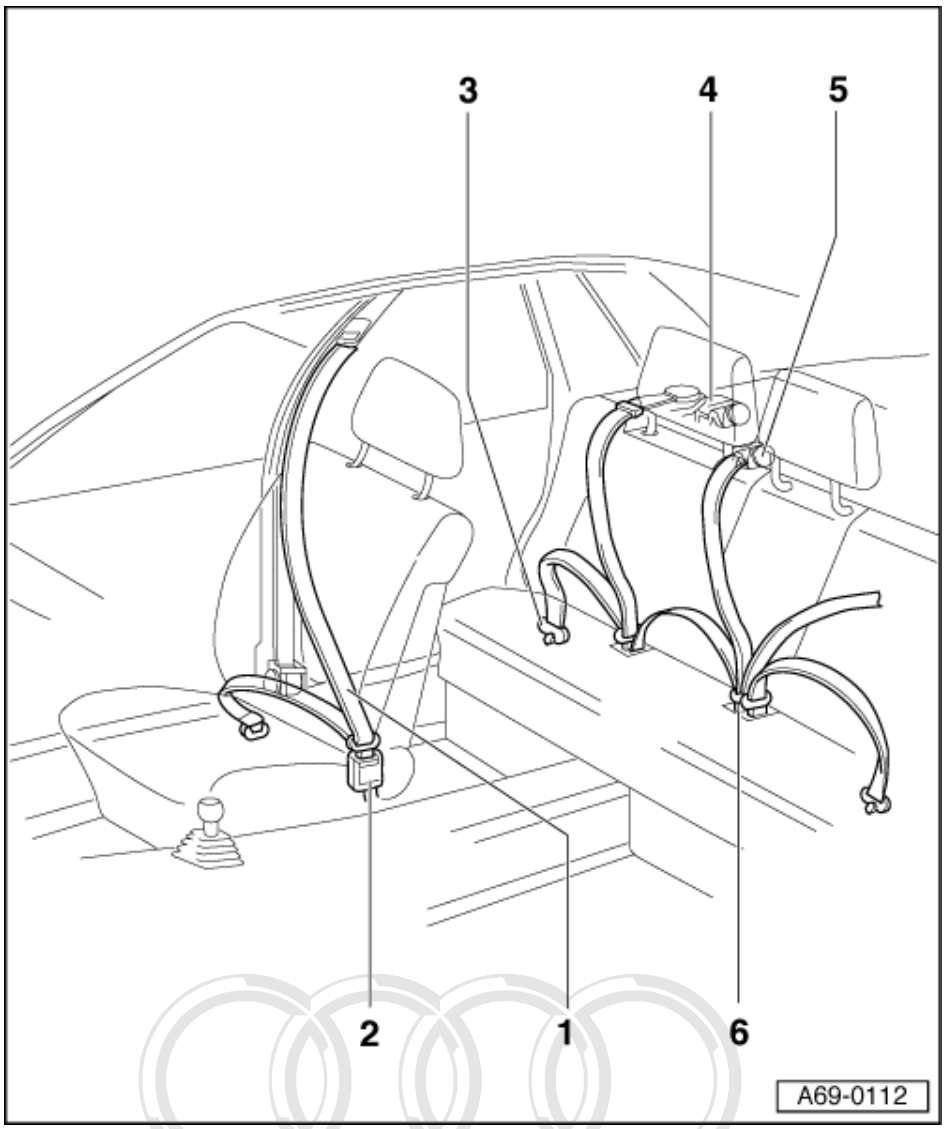
- Cut off connector on other end, strip the ends of the two wires and slit the cable sheath until the ends of the wires are at least 30 cm apart.
- Ensure that no-one is in the vehicle.

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- Trigger gas generator with doors closed and windows open using wiring harness and external battery (outside vehicle).

- Observe 10 m minimum distance.
- 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.

1.4 - Seat belt attachment points (layout)



1 Three-point seat belt with belt height adjuster and belt tensioner
- Removing Page => 39

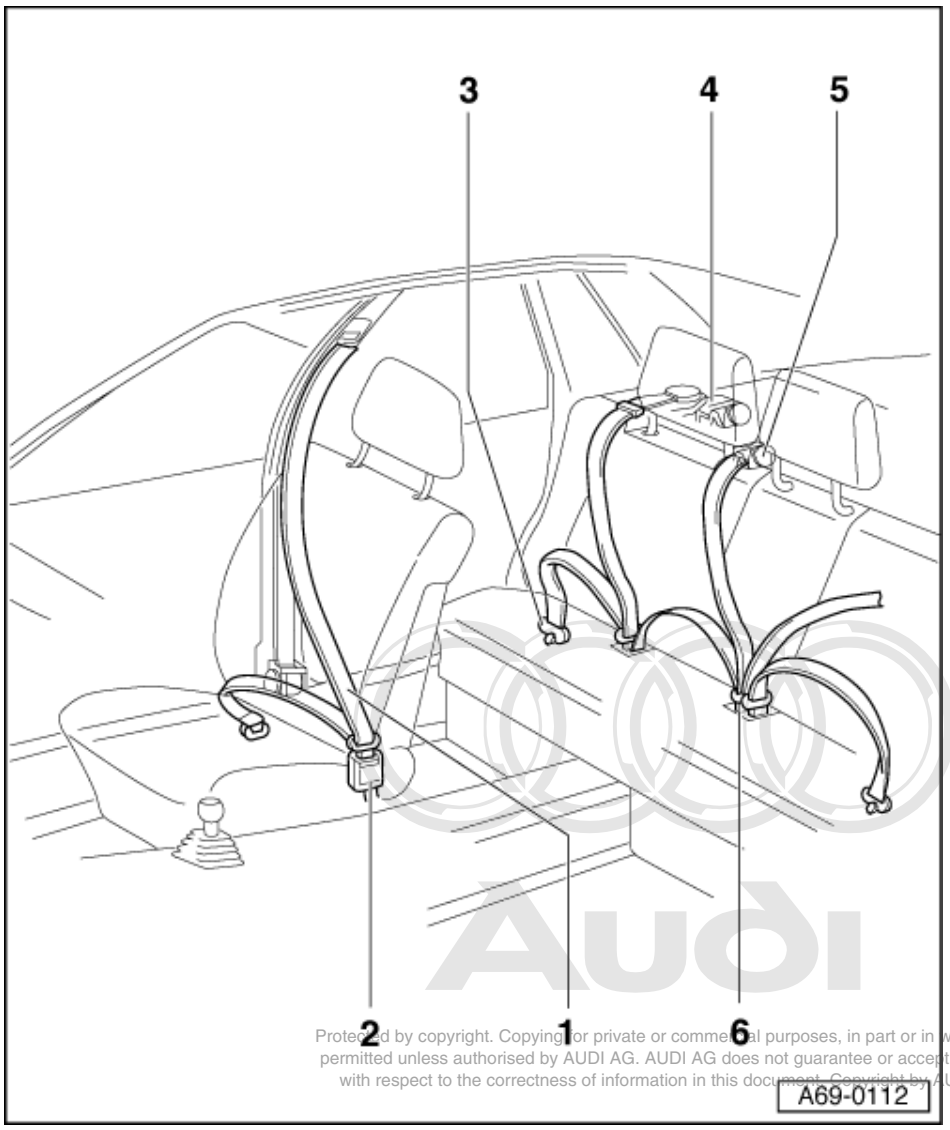
2 Anchorage point for belt buckle
- Removing Page => 44

3 Outer floor panel attachment point
- Removing Page => 45

4 Three-point seat belt, rear left and right
- Saloon
- Removing Page => 46
- Avant

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- Removing Page => 50



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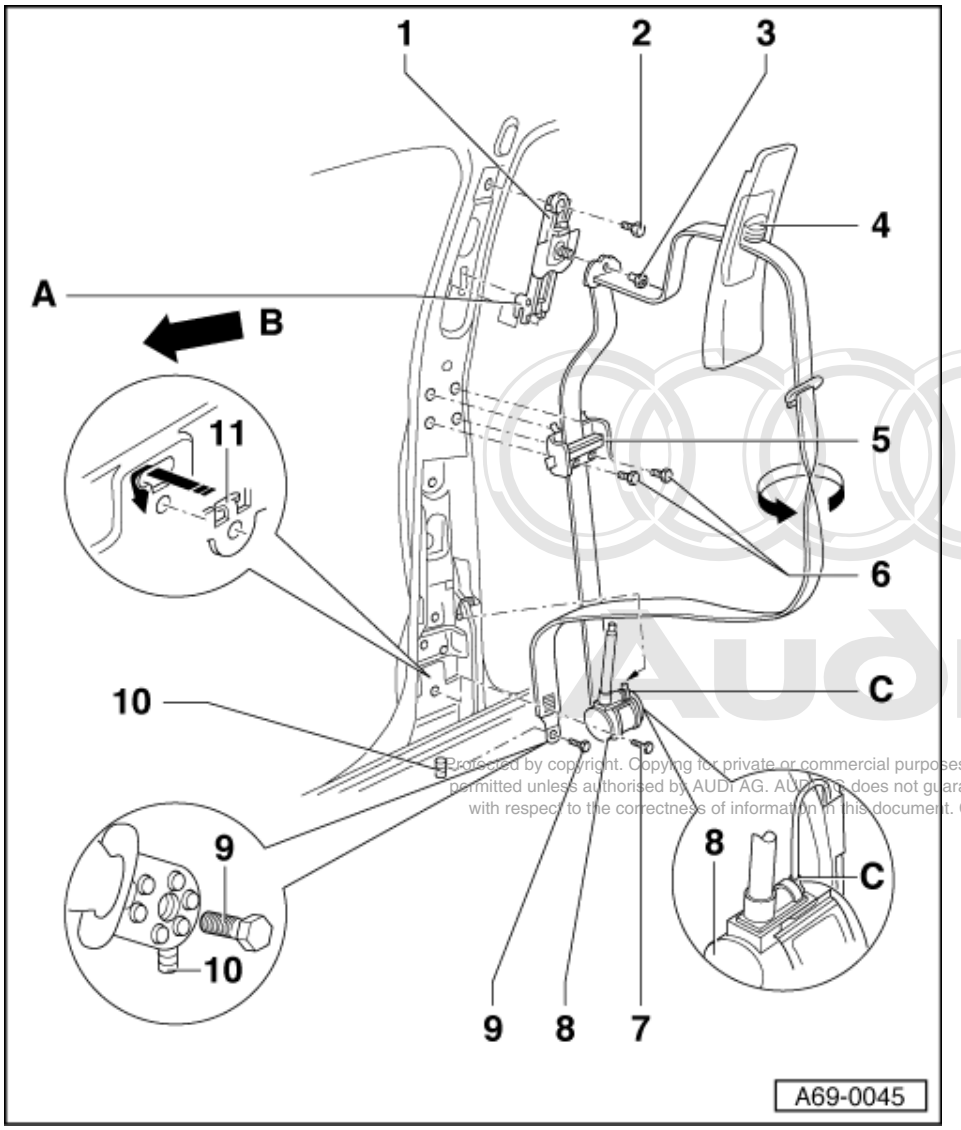
5 Rear centre three-point seat belt

- Folding backrest
- Removing Page => 54

6 Centre floor panel attachment point

- Removing Page => 58

1.5 - 1 - Removing and installing three-point seat belt with belt height adjuster and belt tensioner



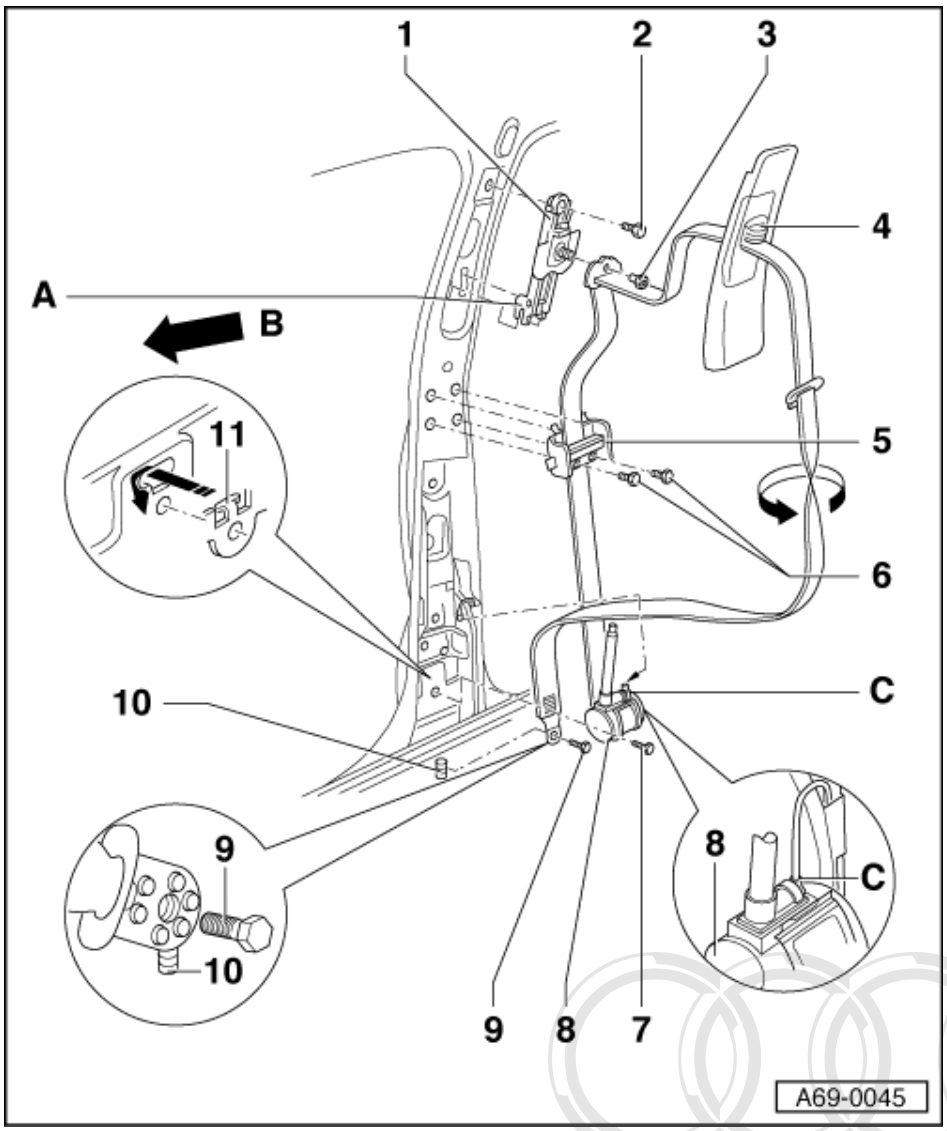
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1 Belt height adjuster

- Removing belt height adjuster
  - Remove upper B-pillar trim => Page 177
  - Unscrew shouldered nut -3- and bolt -2-.
  - Lift out seatbelt height adjuster -1- from position -A-.
- Installing belt height adjuster
  - Insert button for height adjuster -4- into height adjuster -1- => Fig.: 1

Notes:

Do not press button -4- 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.

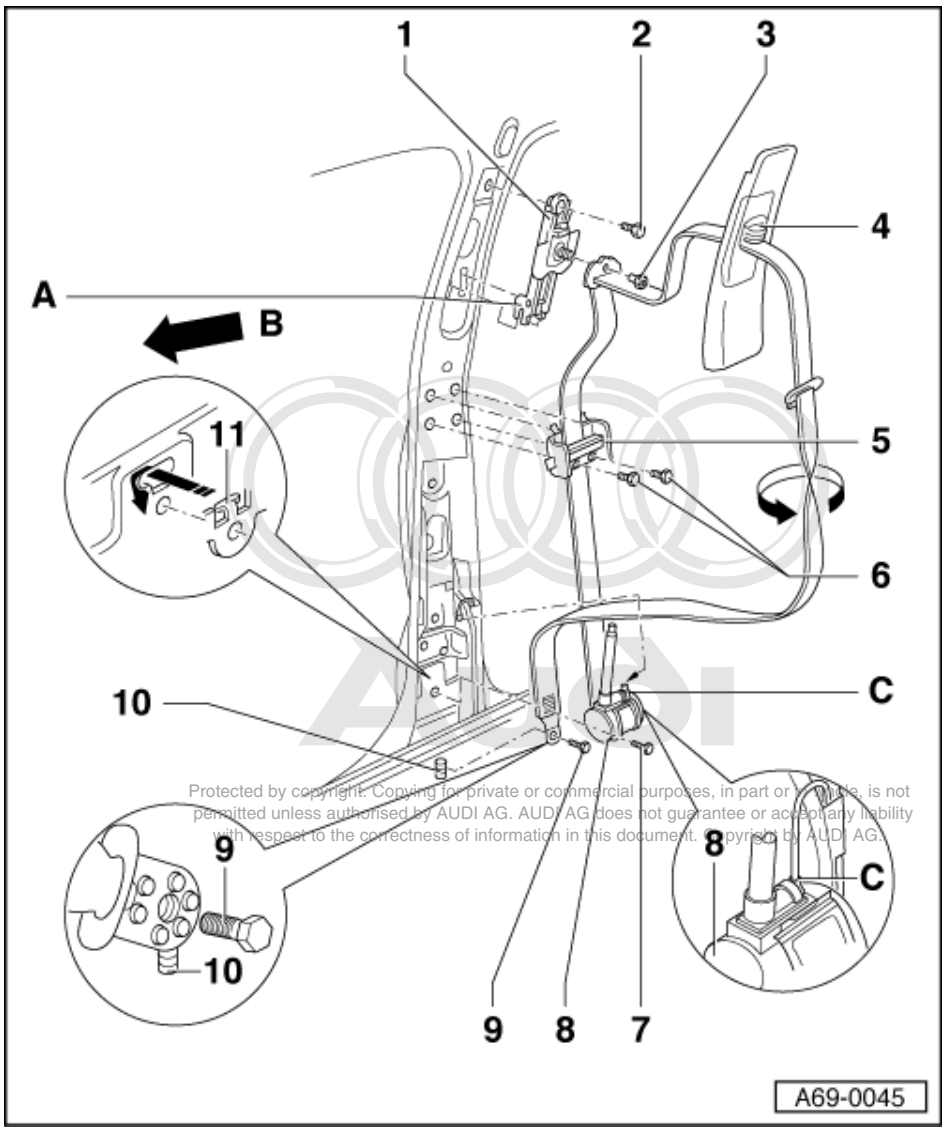
2 Bolt
- Tightening torque 23 Nm

3 Shouldered nut
- Tightening torque 50 Nm

4 Height adjustment button

5 Belt guide
- Remove bolts -7- (2x).
  - Unclip belt guide at bottom swivel upwards and disengage.

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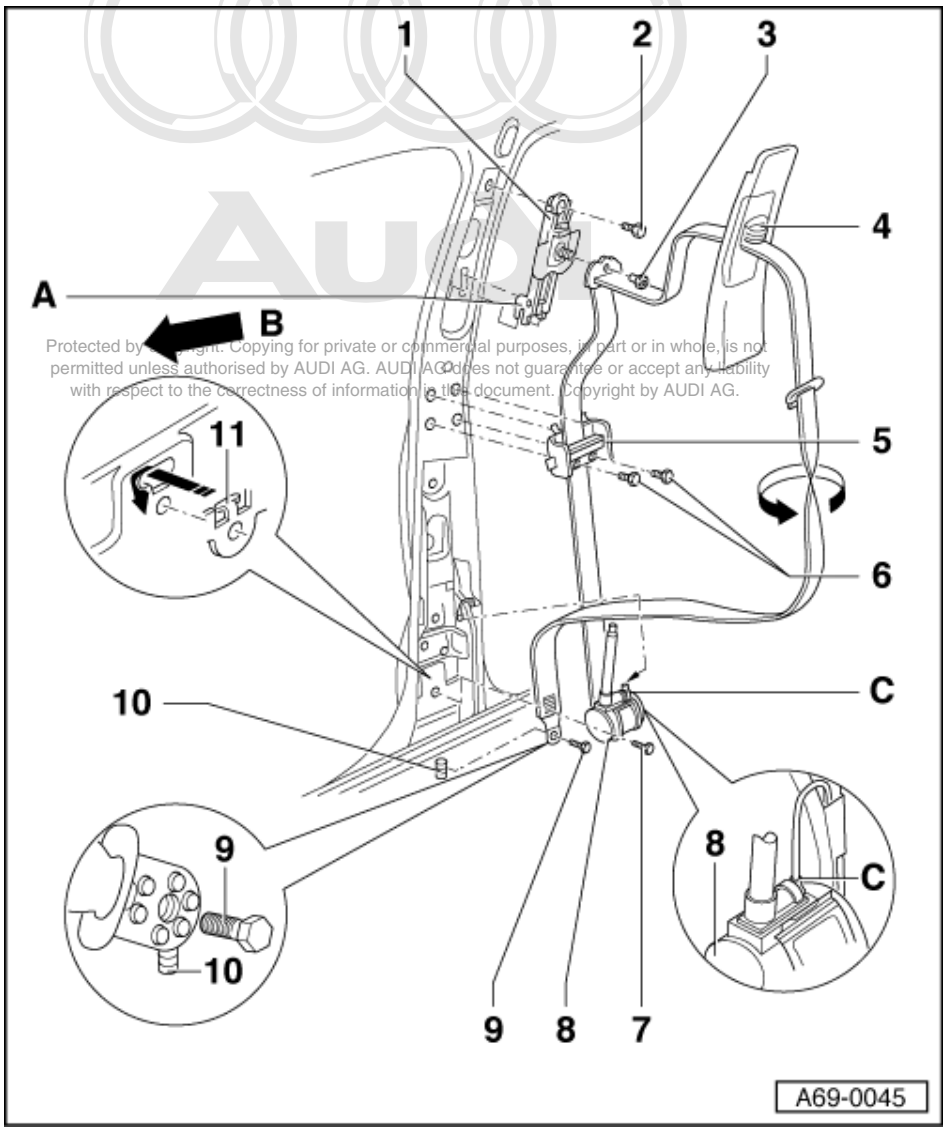
6 Bolts (2x)
- Tightening torque 2 Nm

7 Bolt
- Tightening torque 50 Nm

8 Bolt
- Tightening torque 50 Nm

9 Belt tensioner

◆ Removing three-point seat belt
- Disconnect battery.
- Remove sill panel trims => Page 181
- Remove bolt -9- (1x).
- Remove upper B-pillar trim => Page 177
- Pull webbing out of upper B-pillar trim.



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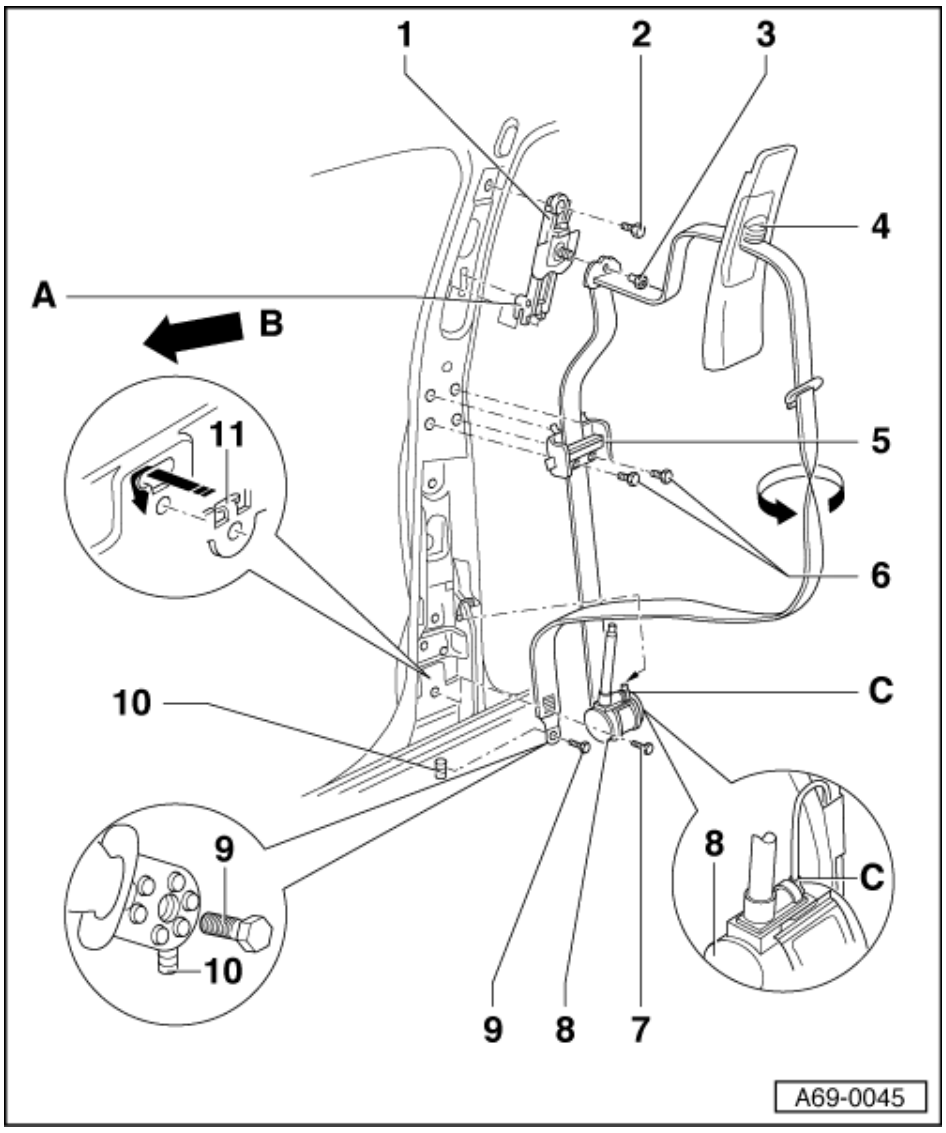
- Removing lower B pillar trim => Page 177
- Unscrew shouldered nut -3-.
- Pull connector -C- off belt tensioner.
- Unscrew bolt -7-.
- Lift belt tensioner -9- out of anti-twist element -11-.

◆ Installing three-point seat belt.

Note:

Arrow -B- indicates direction of travel

- Fit belt tensioner -9- with anti-twist element -11- as shown in magnified view.
- Fit webbing turned through 180° -arrow- as shown in illustration.



- Attachment point at bottom of webbing must be screwed to metal lug -10-, as shown in magnified view.
- Remainder of installation is carried out in reverse order of removal.

◆ After installing passenger's three-point seat belt check belt function for child seat => Page 60

◆ Ensure three-point seat belt is not impeded by cables, wires, insulation etc.

10 Metal lug in floor panel

◆ To prevent twisting of webbing holder.

11 Anti-twist element and fitting guide for three-point seat belt

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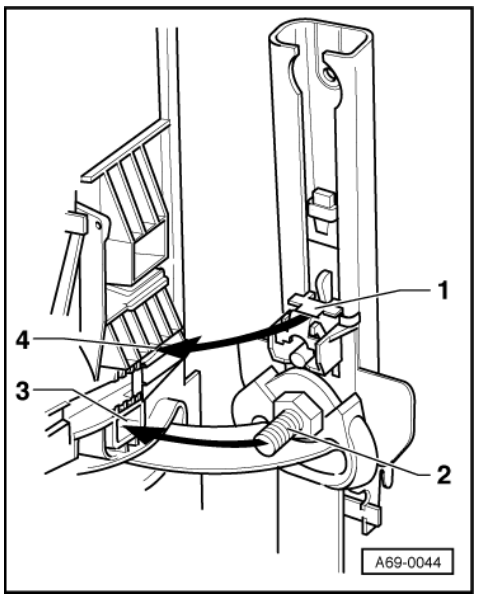
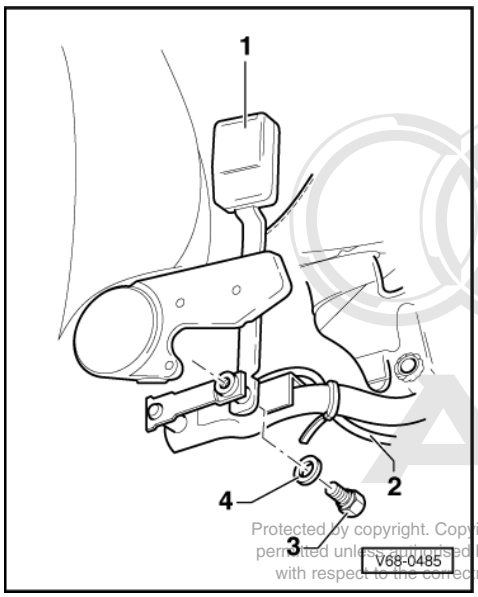


Fig.:1 Installing upper B-pillar trim in belt height adjuster

- 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-.

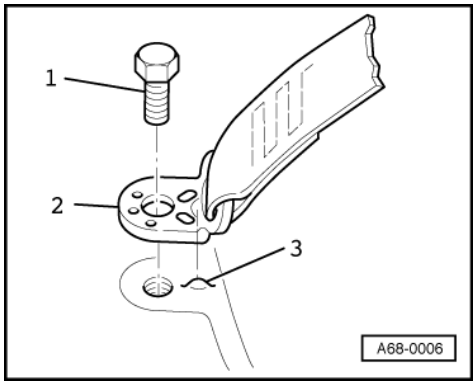
1.6 - 2 - Anchorage point for belt buckle



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- -> Remove seat => Page 208
- Belt buckle -1-
- Unscrew bolt -3-.
- Tightening torque 60 Nm
- Spring lock washer -4-
- Detach connector -2- for belt warning system, if applicable.

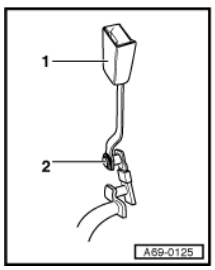
1.7 - 3 - Anchorage point - outer floor panel



- -> Unscrew bolt -1-. Tightening torque 50 Nm.
- Seat belt anchor -2- must be positioned in embossment -3- of floor panel.

1.8 - Removing and installing Recaro seat belt buckle

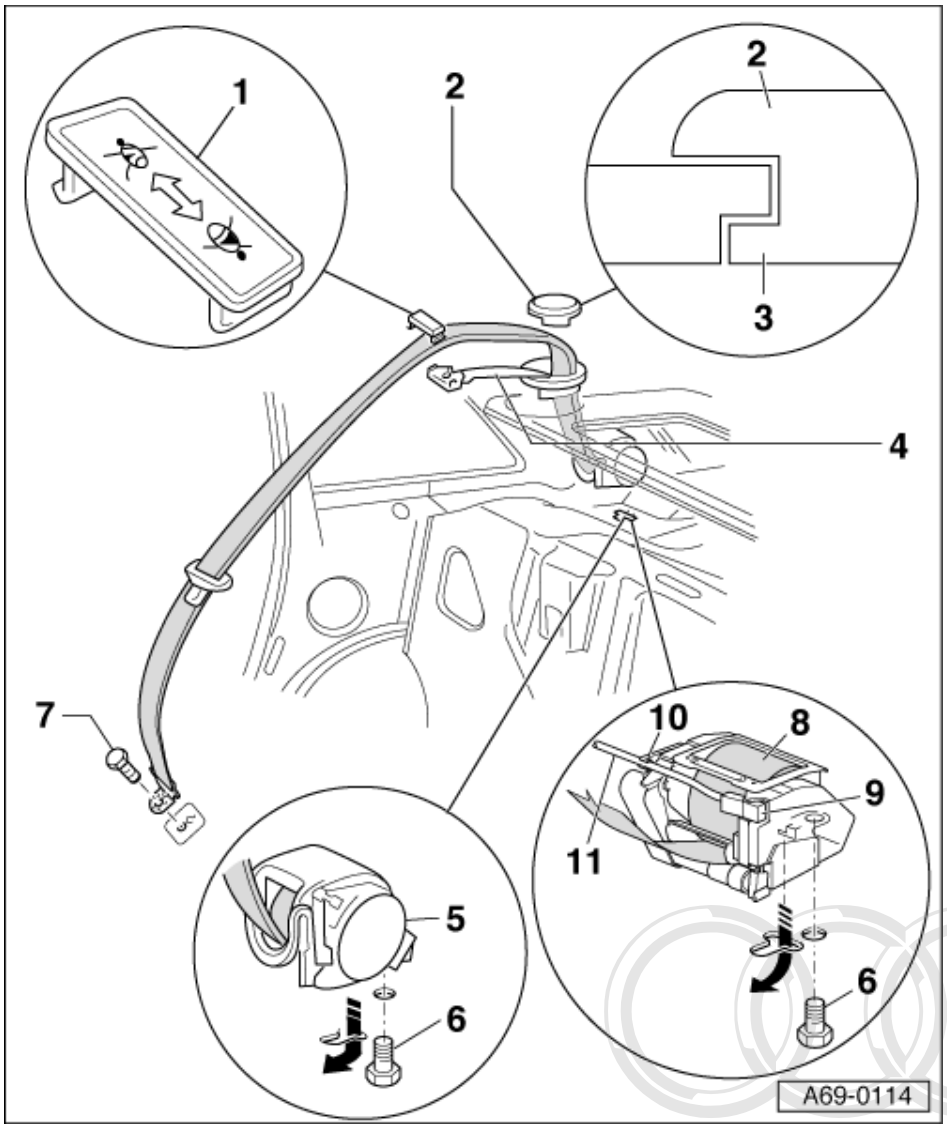
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- Remove seat => Page 270
- Swivel down belt buckle -1- to provide access to bolt -2-.
- Release bolt -2-.

- When tightening bolt -2- ensure a tightening torque of 60 Nm.

1.9 - 4 - Removing and installing rear left and right three-point seat belt



Saloon

1 **Belt guide cover**
- Large symbol must always face centre of vehicle

2 **Belt adjuster trim**

3 **Tab**

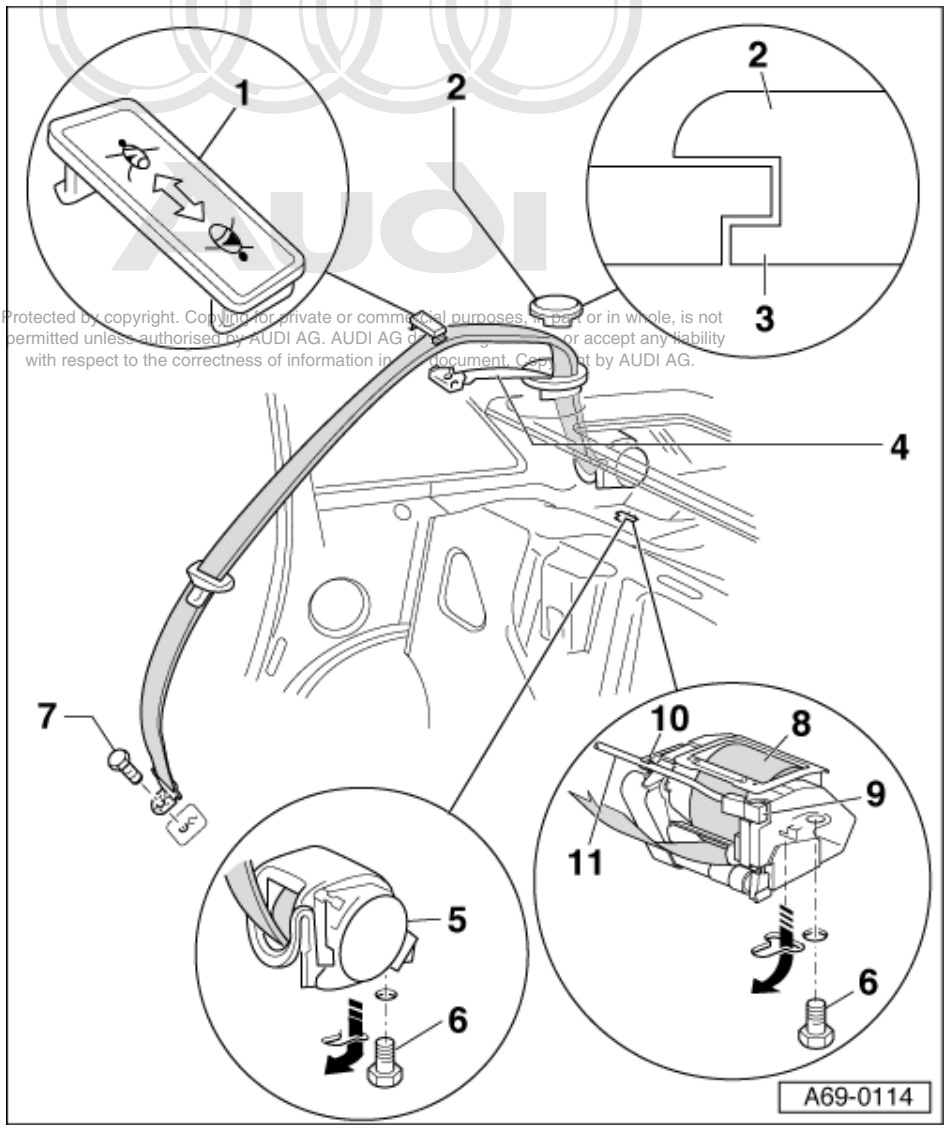
4 **Belt adjuster**
- Removing => Page 53

5 **Three-point seat belt**

- Removing
  - Remove rear seat bench => Page 309

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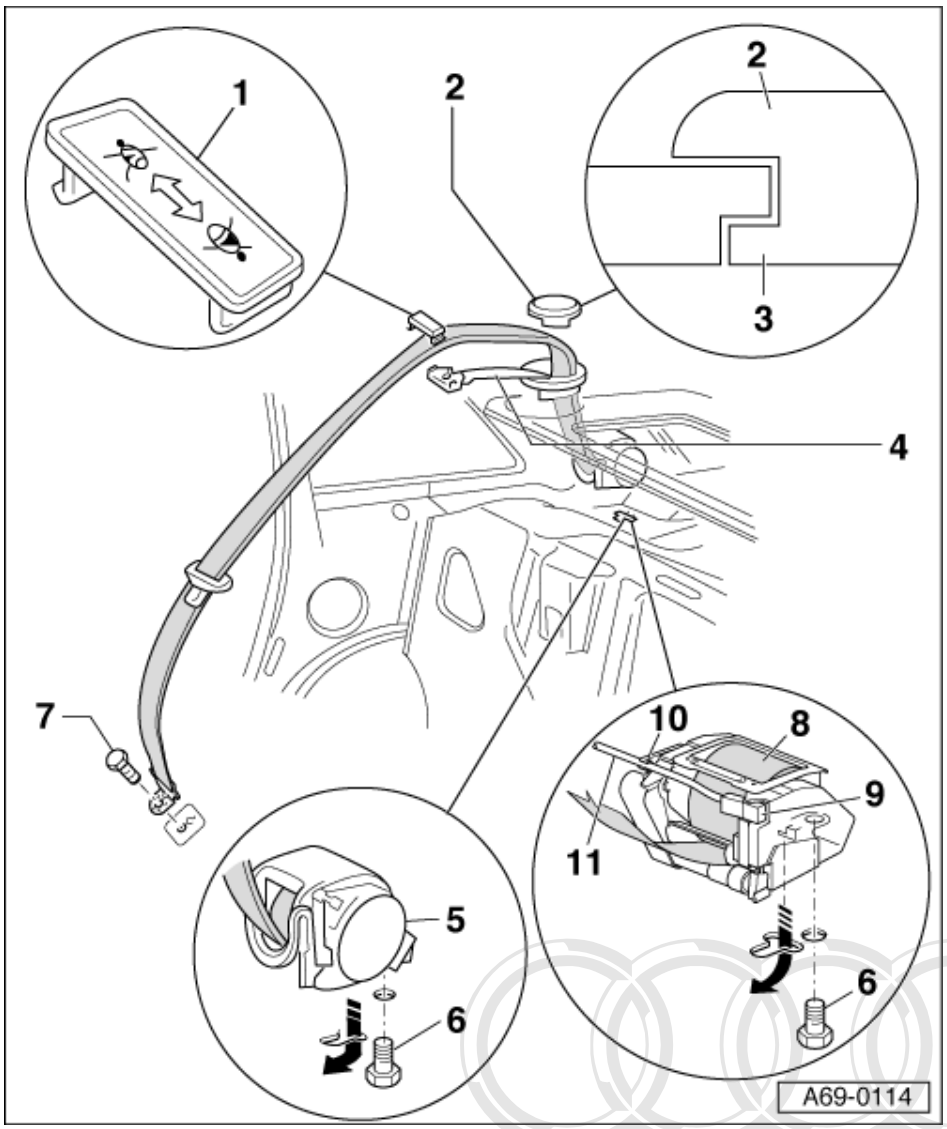


- Unscrew bolt -7-.
- Unclip belt guide trim -1-.
- Lever out belt adjuster trim -2- on left and right at tab -3-.
- Remove rear shelf => Page 183
- Open cover for luggage compartment side trim.

Vehicles with CD player and/or subwoofer or similar:

- Remove luggage compartment side trim => Page 186

◆ Vehicles with belt tensioner
- Unfasten triggering cable -11- at clip -10-.



- Release triggering cable connector at clip -9-.
- Unscrew bolt - 6- (1x).
- Disengage seatbelt in direction opposite to that of arrow.

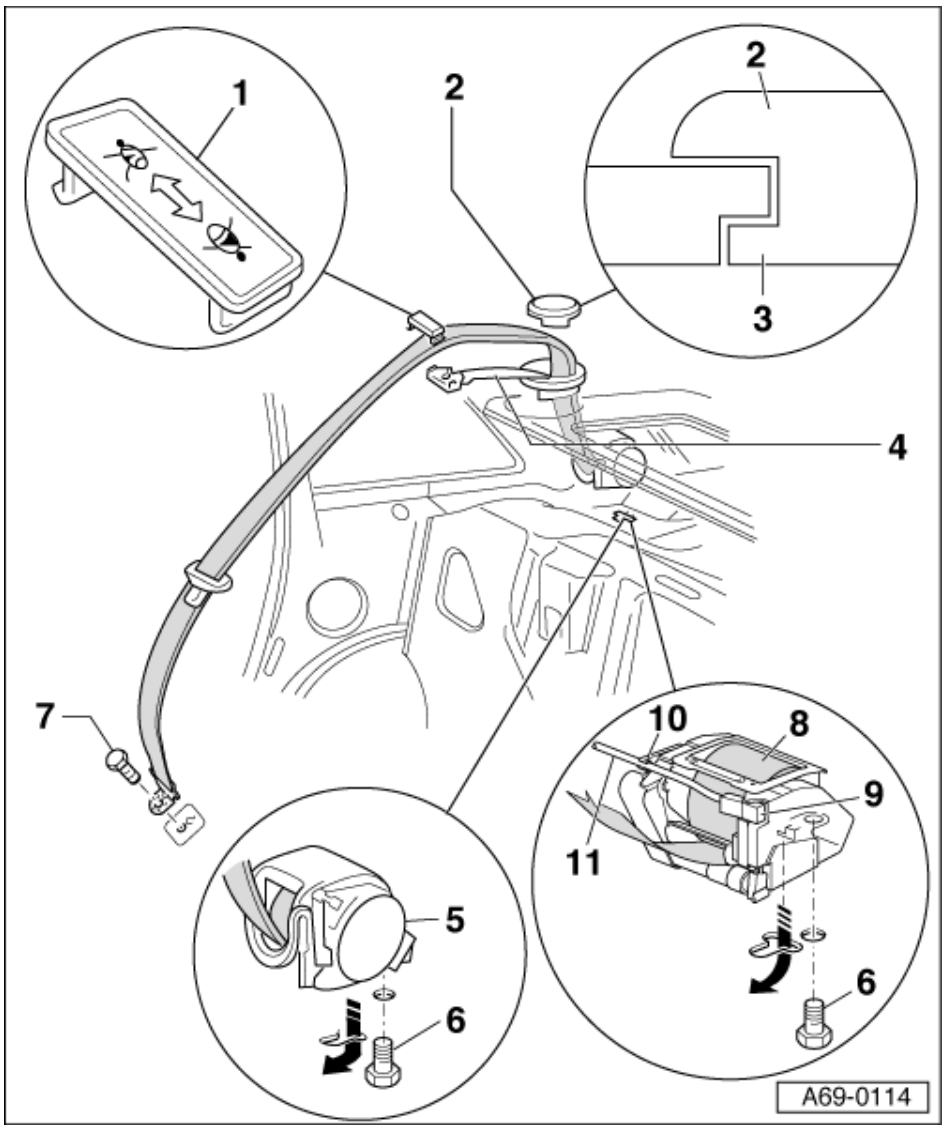
◆ Installing
- Ensure connector of triggering cable -11- engages.
- Fasten triggering cable -11- at clip -10-.

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Triggering cable -11- must not be positioned in vicinity of belt.

- Check belt-fastened sensor on vehicles with belt tensioner => Page 60



- Checking belt function for child seat after installing rear three-point seatbelt => Page 60
- Ensure three-point seat belt is not impeded by cables, wires, insulation etc.

6 Bolt
- Tightening torque 50 Nm

7 Bolt
- Tightening torque 50 Nm

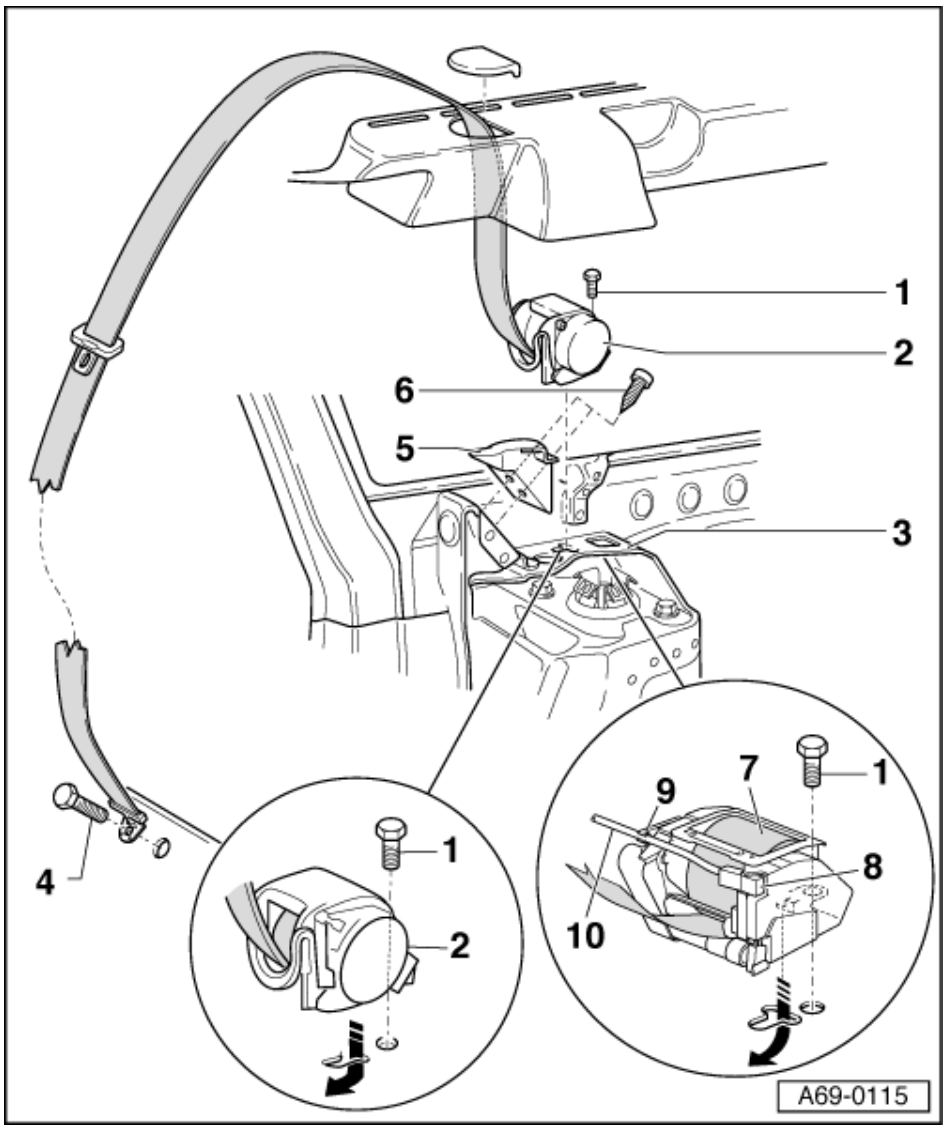
8 Three-point seat belt with belt tensioner

9 Clamp

10 Clips

11 Ignition cable

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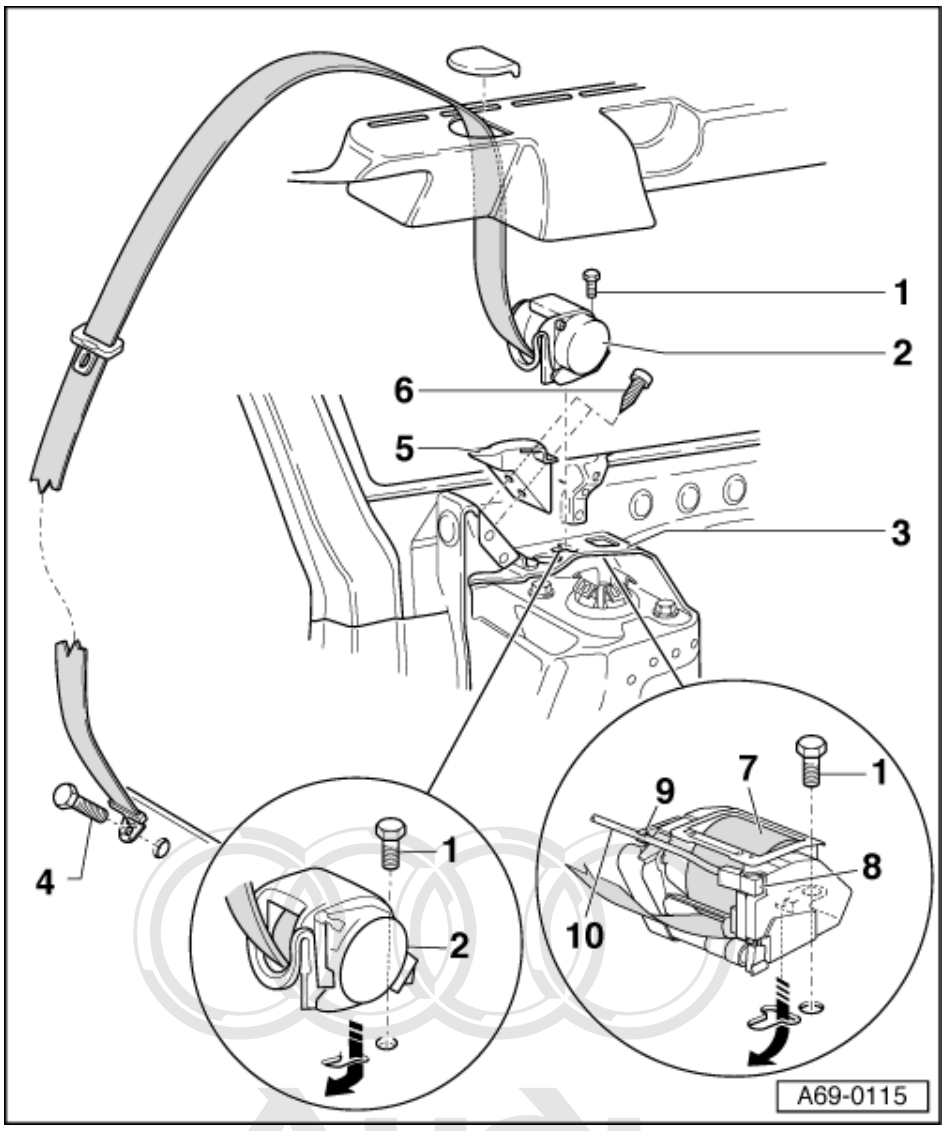
Avant

1 **Bolt**
- Tightening torque 50 Nm

2 **Belt tensioner**

- Removing:
  - Removing rear left/right side padding => Page 323
  - Removing left/right luggage compartment side trim => Page 186
  - Remove rear seat bench => Page 309
  - Unscrew bolt -4- (1x).
- Vehicles with belt tensioner
  - Unfasten triggering cable -10- at clip -9-.
  - Release triggering cable connector at clip -8-.

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- Unscrew bolt -1- (1x).
- Disengage seatbelt in direction opposite to that of arrow.

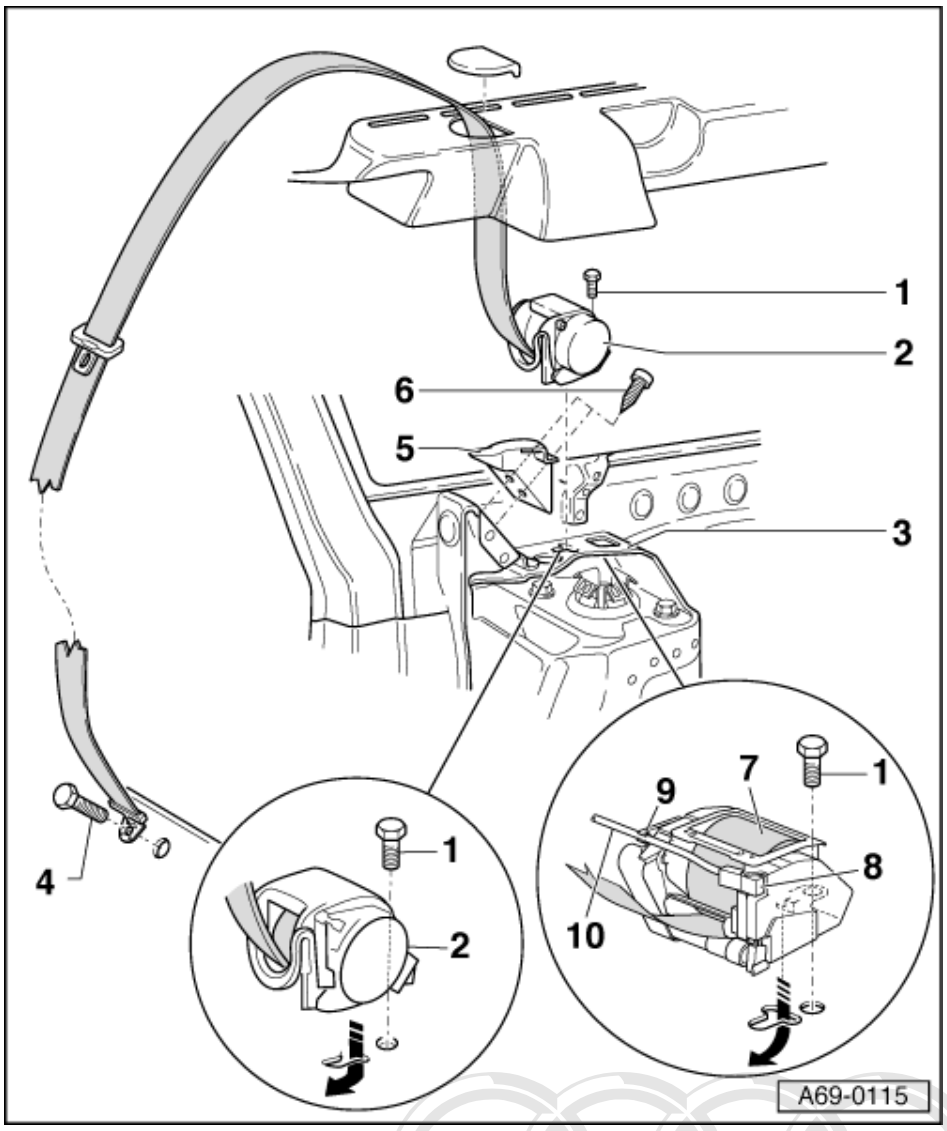
◆ Installing:
- Ensure connector of triggering cable -11- engages.
- Attach triggering cable -11- at clip -10-.

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Note:

Triggering cable -11- must not be positioned in vicinity of belt.

- Check belt-fastened sensor on vehicles with belt tensioner => Page 60
◆ Checking belt function for child seat after installing rear three-point seatbelt => Page 60



- Ensure three-point seat belt is not impeded by cables, wires, insulation etc.

3 Bracket

4 Bolt

- Tightening torque 50 Nm

5 Bracket

6 Bolt

- Tightening torque 2.5 Nm
- Belt disassembly does not involve removing metal holder

7 Three-point seat belt with belt tensioner

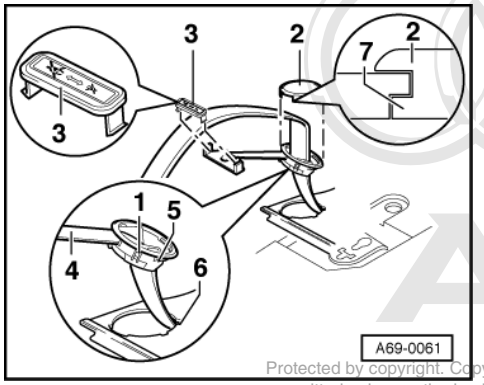
8 Clamp

9 Clips

10 Ignition cable

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1.10 - Removing rear belt adjuster



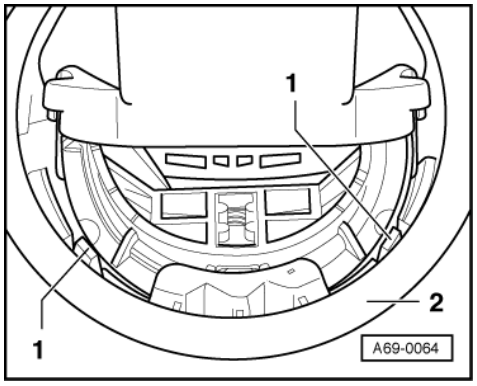
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- Removing:

Note:

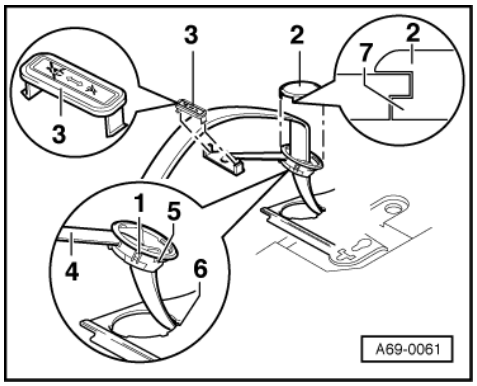
The rear shelf does not have to be taken out in order to remove the rear belt adjuster.

- -> Unfasten lower attachment point of rear three-point seatbelt. Tightening torque 50 Nm.
- Unclip belt guide trim -3-.
- Lever out belt adjuster trim -2- on left and right at tab -7-.
- Raise arm of belt adjuster -4- with webbing.



- -> Use screwdriver to press retainer tabs -1- (2x) inwards and at the same time pull belt adjuster -2- upwards.
- Pull webbing through belt adjuster -2-.

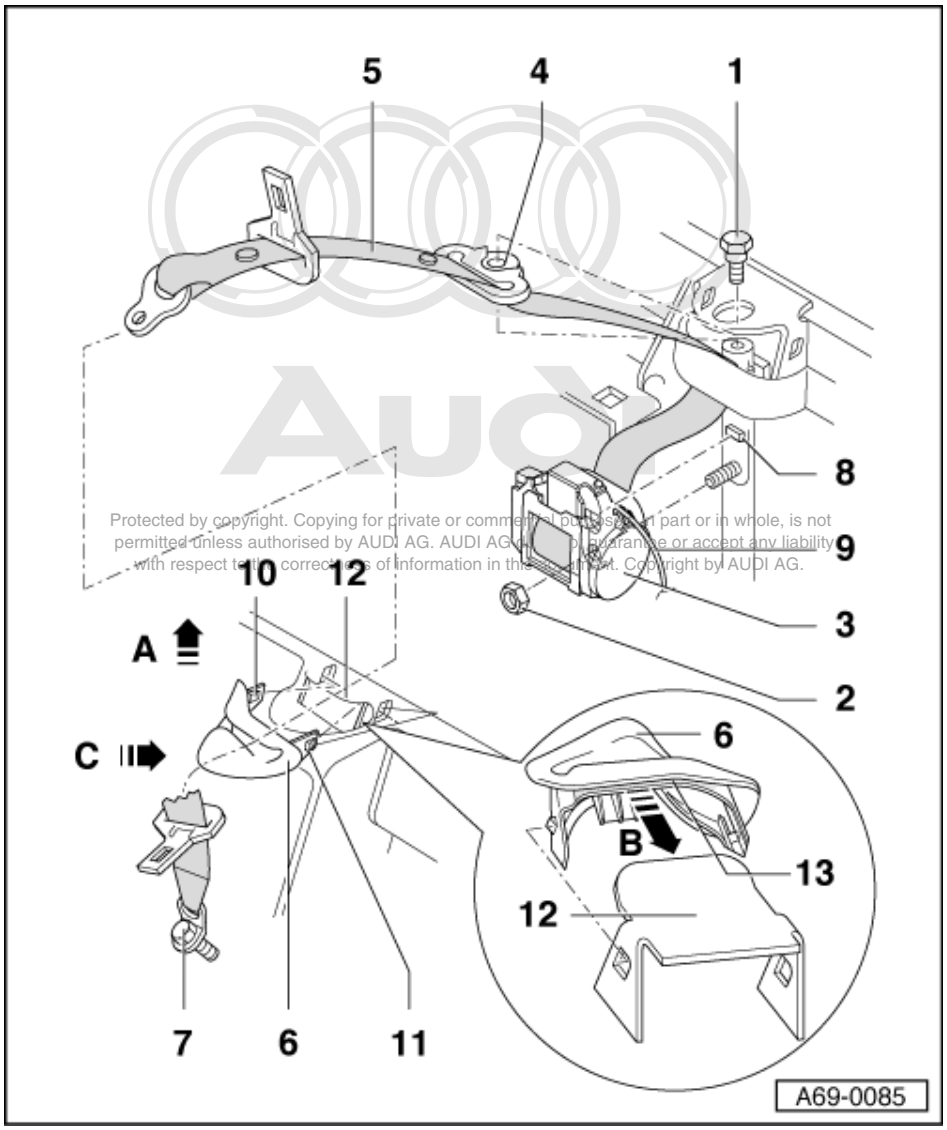
- Installing:



- -> Ensure that retainers -1- (2x) engage properly.
- Ensure that rear stud engages in recess -6-.

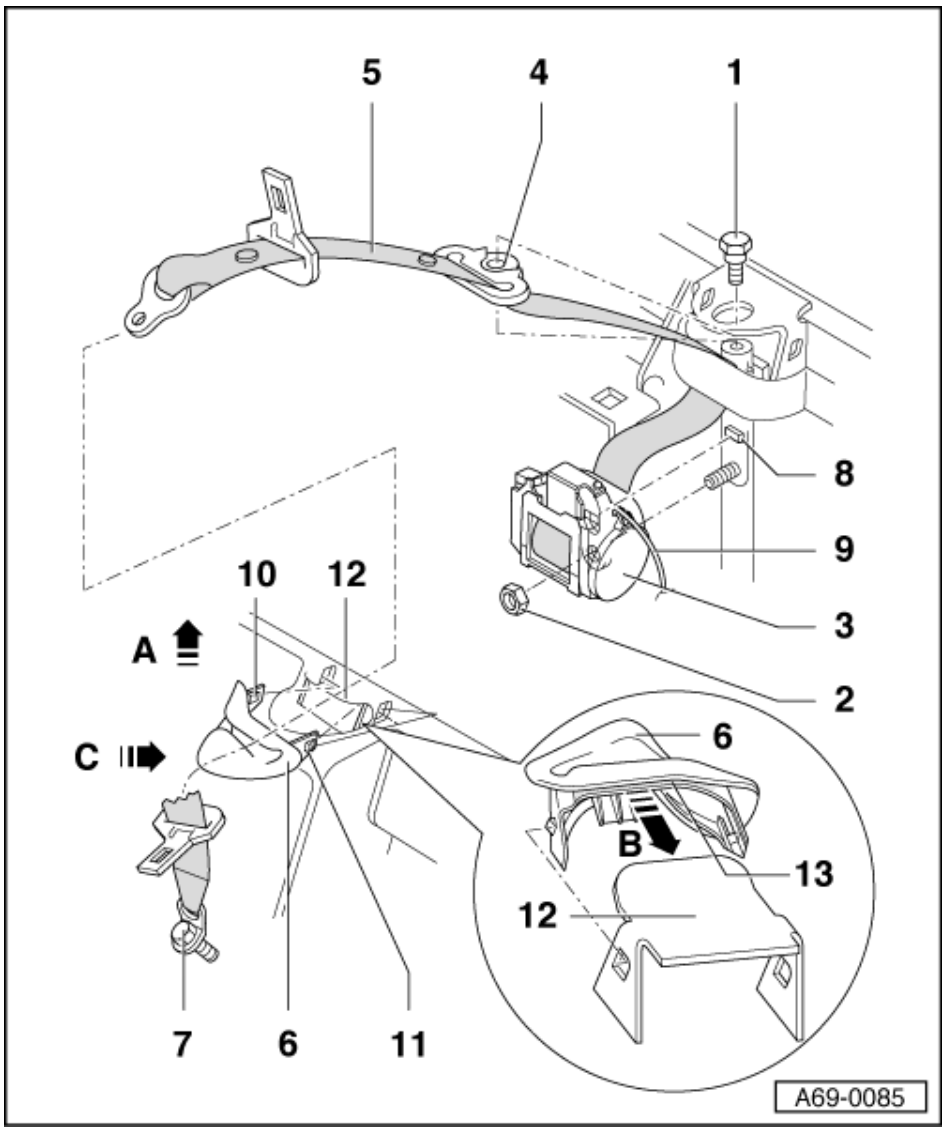
- Fitting guide -5- must face centre of vehicle.

1.11 - 5 - Removing and installing third rear three-point seat belt (Avant)



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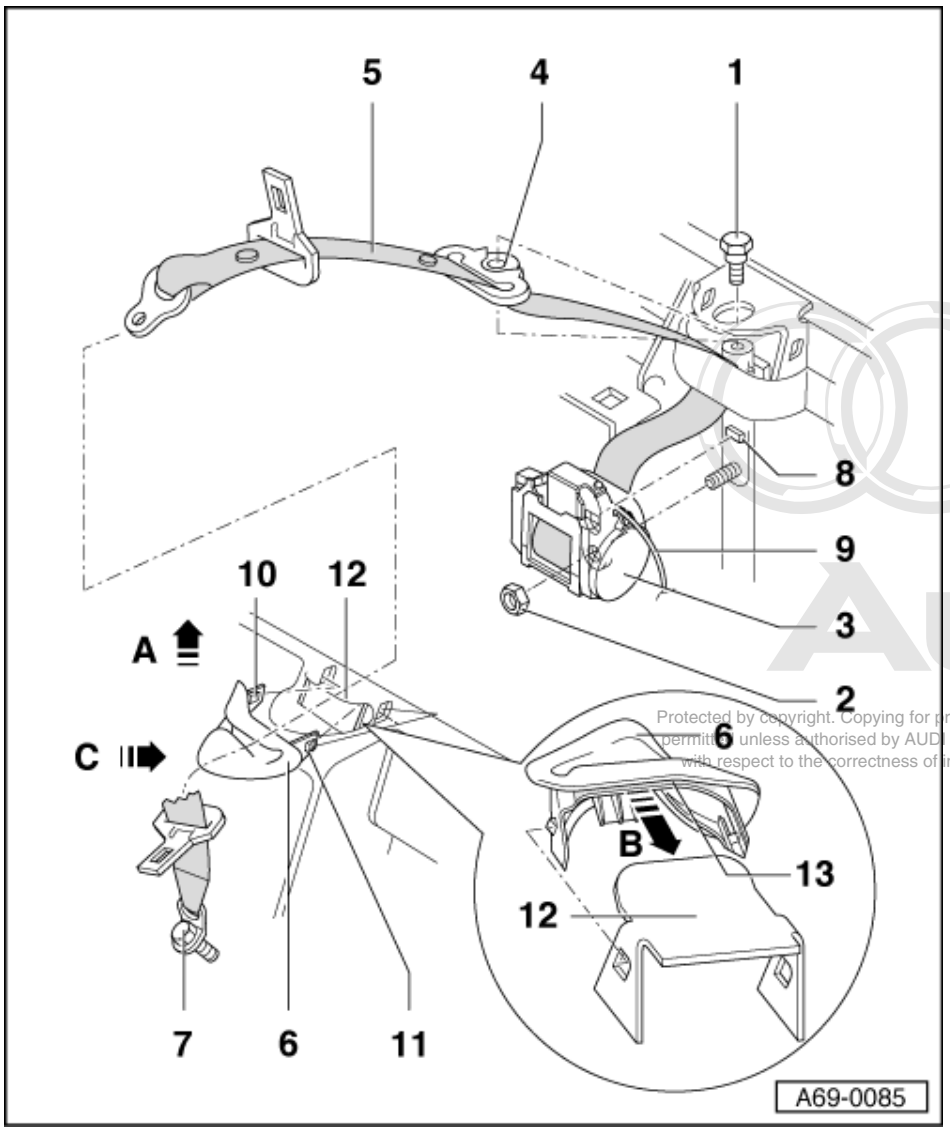
- Removing:
  - Remove rear seat bench => Page 309
  - Unscrew bolt -7-.
  - Removing 2/3 backrest up to MY 97 => Page 314
  - Removing 2/3 backrest from MY 98 onwards => Page 316
  - Push fabric aside at belt guide trim -6- and use screwdriver to lever out retainer tab -11-.
  - Pull out trim -6- in direction of arrow -A-.



- Remove upholstery from 2/3 backrest until fabric can be removed together with upholstery => Page 356
- Remove bolt -1- (1x).
- Pull connector -9- off belt tensioner, if applicable.
- Cut through tie band of belt tensioner triggering cable at belt tensioner.
- Unscrew nut -2- (1x).
- Remove third rear three-point seat belt - 3-.

◆ Installing
- Installing belt guide trim -6- initially involves fitting and inserting retainer tab -10- then turning retainer tab -11- inwards and at the same time inserting arrow B (magnified view) plate -12- in cut out -13- in belt guide trim -6-.

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- Clip in belt guide trim -6- in direction of arrow -C- by tapping it gently into position.
- Check belt-fastened sensor on vehicles with belt tensioner => Page 60

Check the following points after completing installation of backrest:

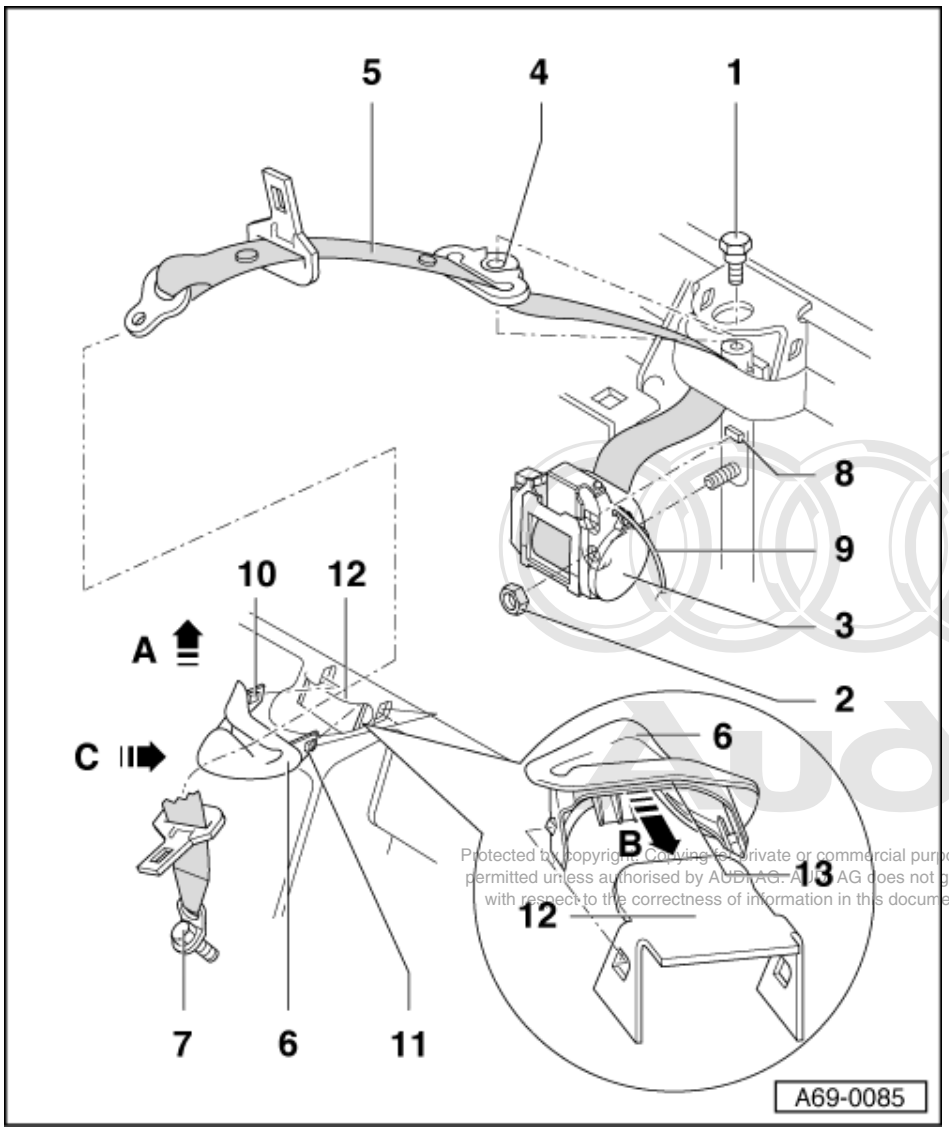
Guide fitting -4- and webbing -5- must not make contact with or rub on foam and fabric parts.

Guide fitting -4- must react to all movements of the webbing.

Webbing -5- must run freely in all directions.

1 Bolt

- Tightening torque 55 Nm

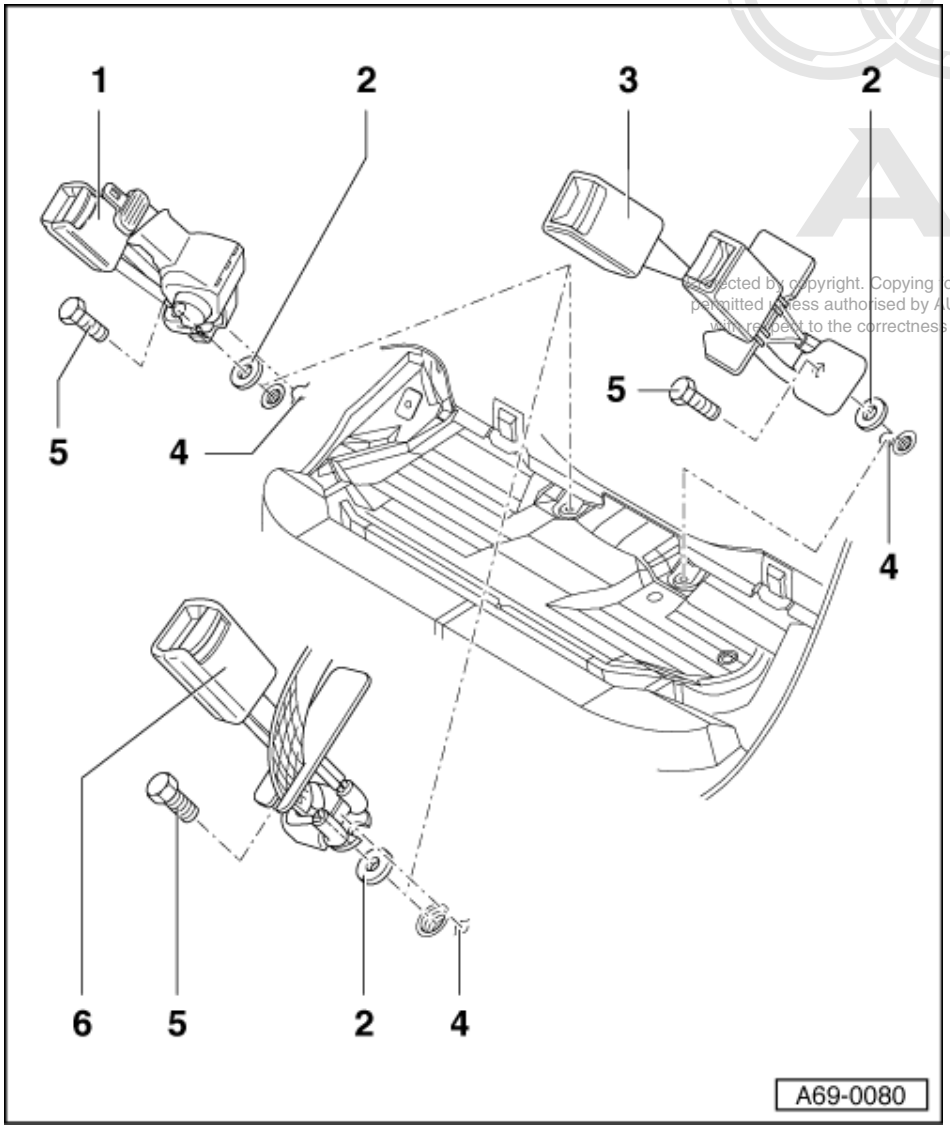


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2 Nut
- Tightening torque 55 Nm

3 Belt tensioner
4 Guide fitting
5 Belt
6 Belt guide cover
7 Bolt (1x)
8 Retainer
9 Belt tensioner connector
10 Retainer tab
11 Retainer tab
12 Bracket on rear backrest
13 Cut-out

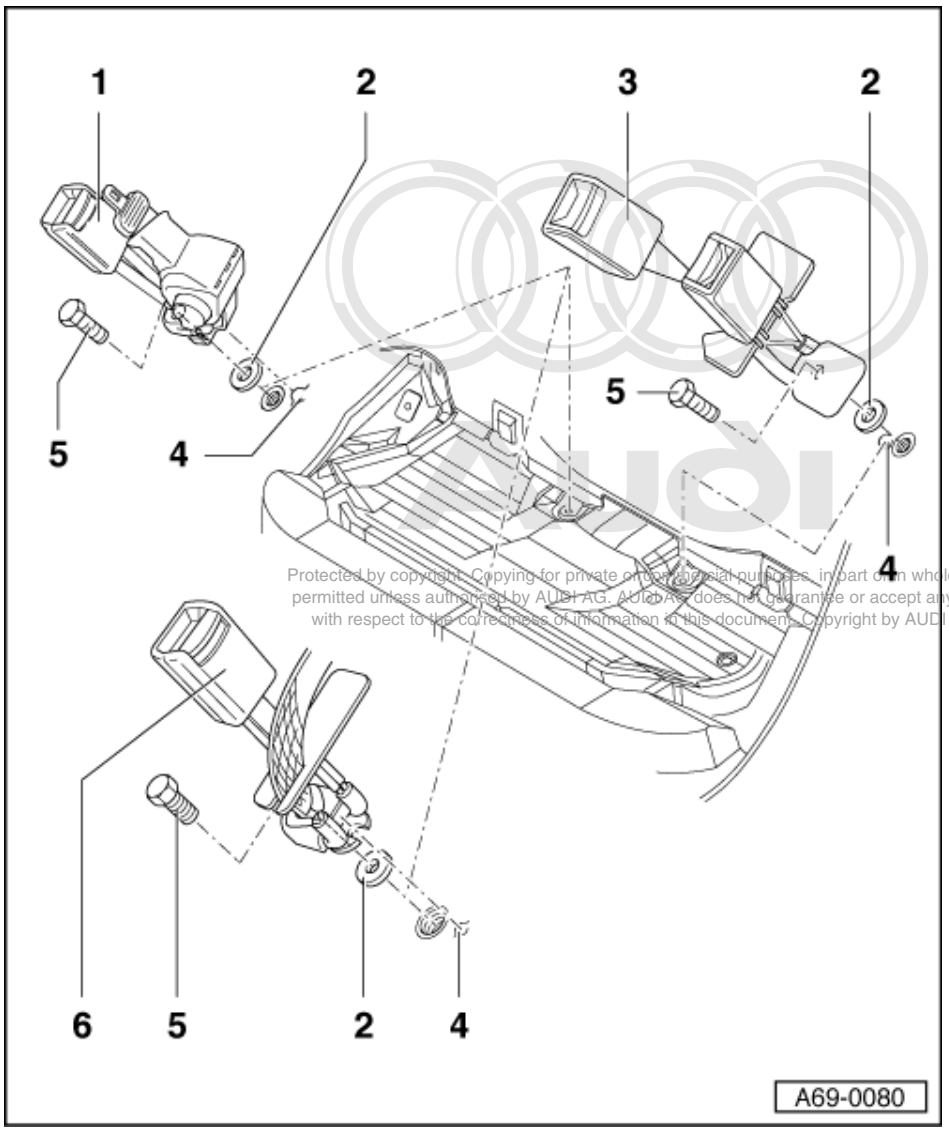
1.12 - 6 - Anchorage points - centre floor panel



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- Remove rear seat bench => Page 309
- Unscrew bolt -5- (1x).

◆ Seal -2- must always be replaced.
◆ On installation, ensure buckle and/or lap belt engage(s) in anti-twist studs -4-.
◆ Narrow side of buckle and/or lap belt must face in direction of travel.



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1 Lap belt with retractor

Note:

On installation, ensure there is no contact with Iso Fix holder, turn lap belt with retractor, if necessary.

2 Sealing ring
3 Belt buckle
4 Anti-twist stud
5 Bolt
- Tightening torque 50 Nm
- Only use genuine bolts

6 Lap belt

2 - Checking seat belts

2.1 - 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.

2.2 - 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.

2.3 - 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; Self-diagnosis of airbag system BTU (Basic Triggering Unit) with side airbag; Reading measured value block Self-diagnosis of airbag system BTU (Basic Triggering Unit) with side airbag Reading measured value block

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

Latch plate engaged in buckle and belt pulled out 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-.

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Then retract belt as far as dimension - L - but do not yet release latch plate; display on V.A.G tester must remain on - yes -.

Release latch plate and slowly retract belt; at the latest when the belt has retracted as far as the last 100 mm, display must switch from - yes - to - no -.
Belt fully retracted: display on V.A.G tester - no -.

- On saloon models dimension - L - is 250 mm for left and right belt. Belt sideways adjuster set to centre position.
- On Avant, dimension - L - is 220 mm for left and right belt. Belt sideways adjuster set to centre position.
- On saloon and Avant models dimension - L - for centre belt is 500 mm.

3 - Airbag safety precautions

3.1 - Airbag safety precautions

3.2 - Safety precautions when working on airbag

- Testing, removing, installing and repair work may only be performed by qualified personnel.
- Never perform tests 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.
- When working on the airbag system, the battery earth strap must be disconnected.
  No waiting period is required after disconnecting the battery.
  Ensure there is no-one in the vehicle when connecting the airbag system to a voltage source.

- 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 62
  2 - Take new airbag unit from transport container and store with padding facing upwards; with head airbag observe procedure for head airbag => Page 62
  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.
- Airbag units which have been removed should be stored so that the padded side is facing upwards.
- Never open or repair airbag components. Always use new components only.
- Airbag units which are dropped on a hard surface or are damaged must not be used.
- The interval for replacing the airbag units no longer applies.
- Airbag units which were not triggered must be marked and be sent back to manufacturer for disposal (use transport containers for airbag units).
- Never treat airbag units with grease, cleaning agents or similar; never expose an airbag unit (even for brief periods) to temperatures in excess of 100 °C.

3.3 - Safety instructions for side airbag

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- Testing, removing, installing and repair work may only be performed by qualified personnel.
- The side airbags are subject to the same safety precautions as the driver's and front passenger's airbags.
- Only fit genuine seat and backrest covers approved for use with side airbag (identifiable by airbag label stitched on fabric).
- No extra covers should be fitted over the backrests, as this would impair the function of the side airbags.
- The foam upholstery in the backrest must not be cut away in the vicinity of the side airbag.
- When installing, ensure seam for side airbag is straight.
- All upholstery staples (metal and plastic clips) must be replaced.

- Always use genuine upholstery clips.
- When installing, all upholstery staples must be fitted in the same positions as the original ones.
- 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).
- 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.
- The interval for replacing the airbag units no longer applies.

- 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.
- Never use upholstery needles or poke any other sharp objects through the seat cover fabric in the vicinity of the airbag and sensor mat.
- For further information, refer to Workshop Manual => General Information, Section 1.

3.4 - 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 pillars upper A, upper B, upper C 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.

- 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.

Audi
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3.5 - 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 airbag/belt tensioner triggering with airbag 8 (from chassis no. 8DXA 200 001 onwards).

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.
- if housing is damaged.
- in the event of tunnel deformation within 200 mm. radius of control unit.
- after airbags have been triggered three times.

All models

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:

- Self-cancelling ring with slip ring.
- Lateral acceleration sensor if floor pan around sensor has been deformed.

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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.
- Moulded headliner
- Trims pillars A, B, C, D.
- Non-triggered lateral acceleration sensor if floor pan around sensor has been deformed.

Additionally:

- All seat belts with triggered belt tensioners

- Triggered belt tensioners can be recognised with self-diagnosis with airbag V, 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 Self-diagnosis of airbag system Reading measured value block

A triggered belt tensioner is identified by the fault message "0111" or "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 Self-diagnosis of airbag system Reading measured value block

A triggered belt tensioner is identified by the fault message "0111" or "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 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.

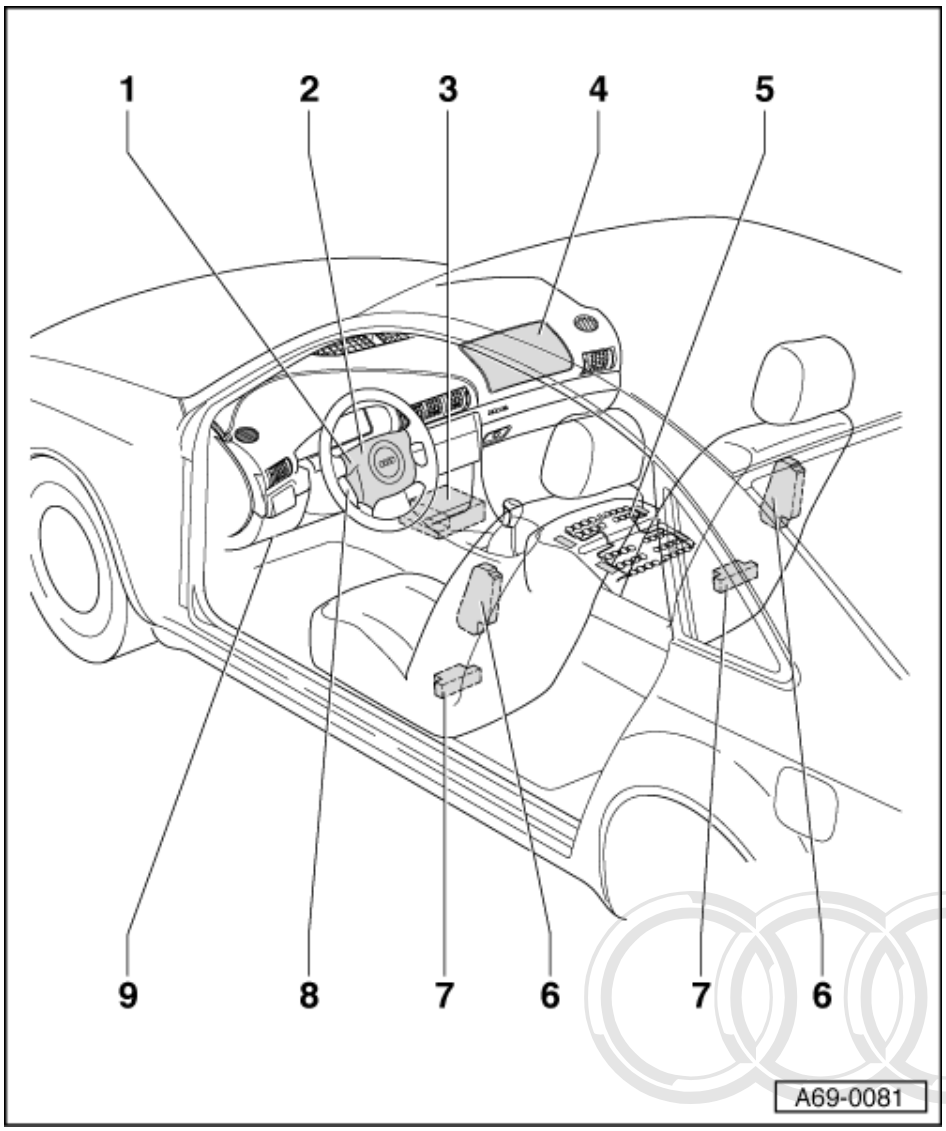
Disposal of airbag units

- 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. Order ignition device V.A.G 1619/1 from your local distribution centre/importer.
- Minimum distance to vehicle: 10 m.

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4 - Repairing airbag

4.1 - Repairing airbag



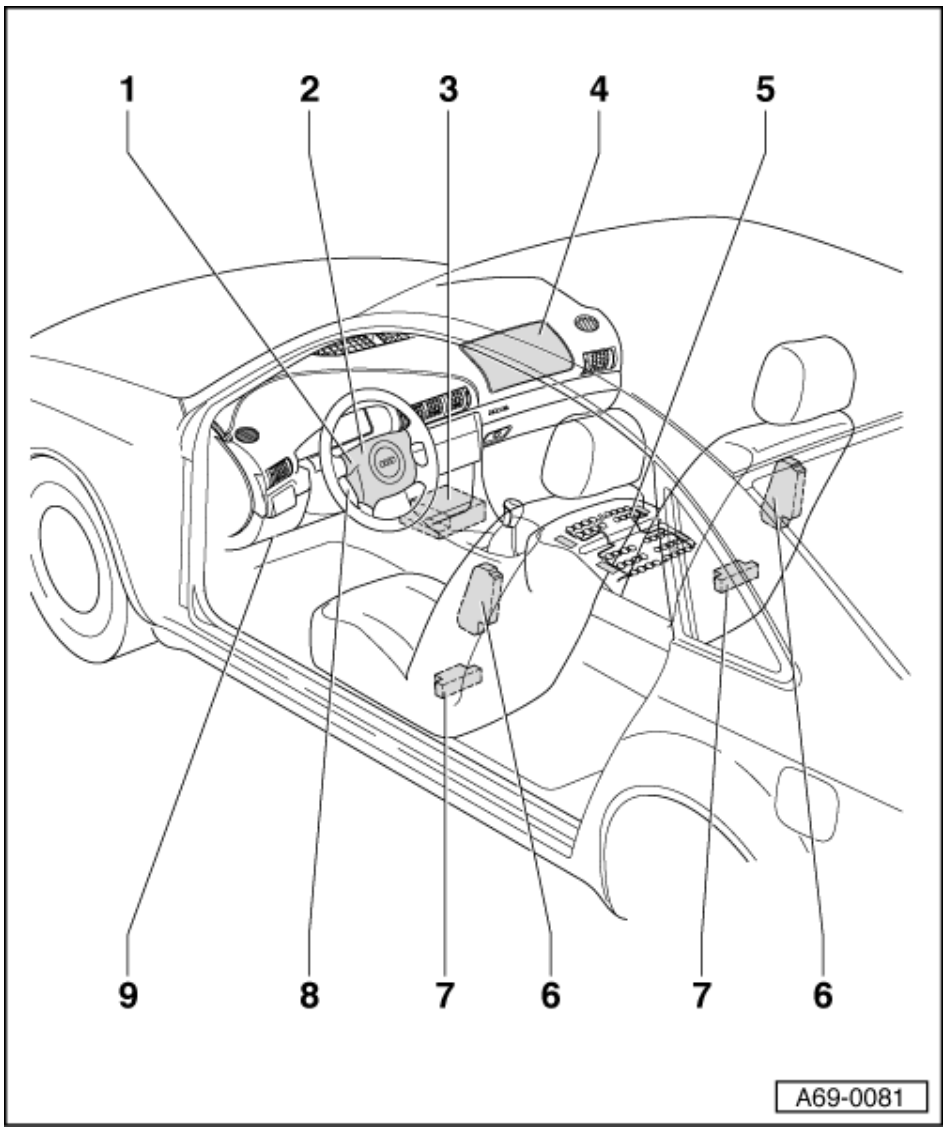
4.2 - Fitting locations overview

1 Driver's airbag unit
- Removing ä MY 1998 => Page 68
- Removing MY 1998 ä => Page 70

2 Driver's airbag unit (sports steering wheel)
- Removing ä MY 1998 => Page 75
- Removing MY 1998 ä => Page 78

3 Airbag control unit
- Removing => Page 68

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4 Passenger's airbag unit

- Removing => Page 89
- Deactivating and activating (adaptation)
-

=> Body, Self-diagnosis; Repair group 01; Self-diagnosis of airbag system BTU (Basic Triggering Unit) with side airbag Self-diagnosis of airbag system BTU (Basic Triggering Unit) with side airbag

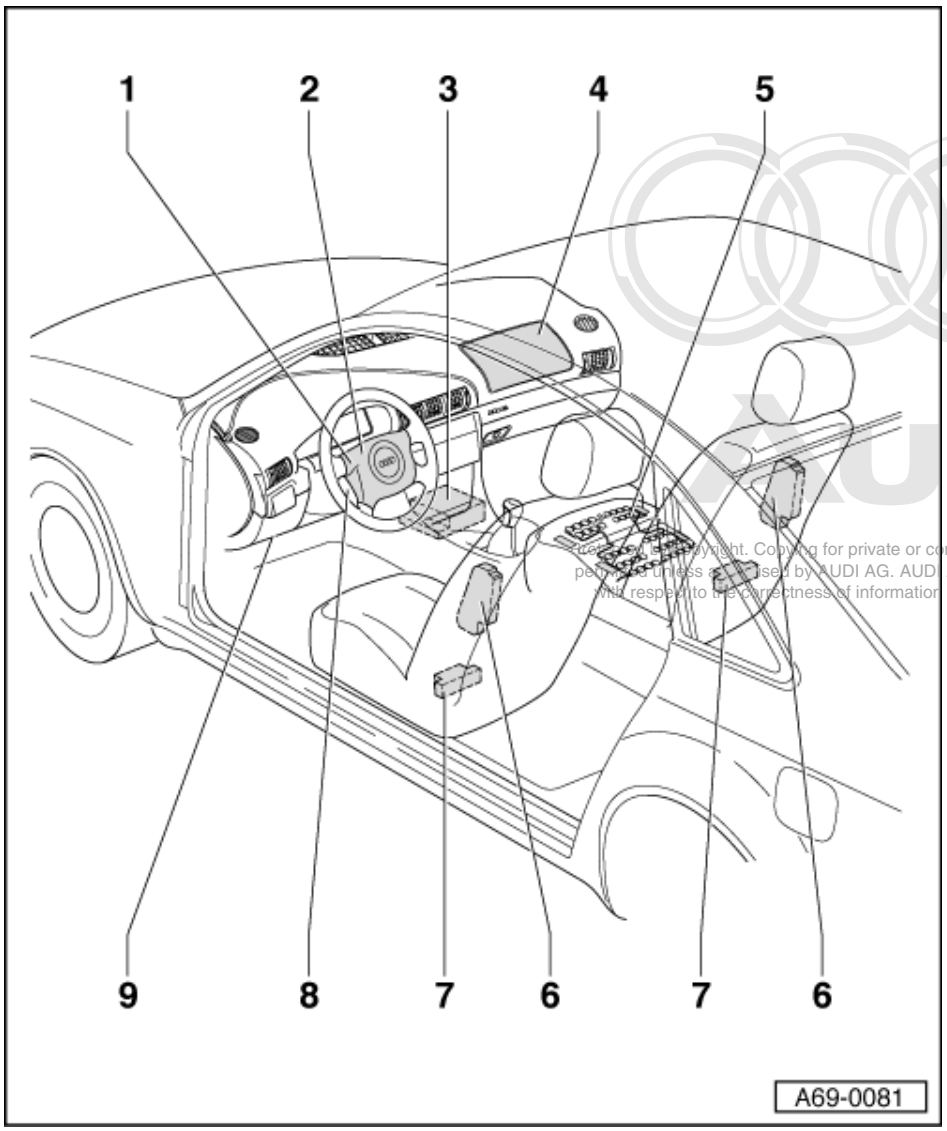
5 Seat occupied recognition

- Removing and installing => Page 100

6 Side airbag

- Removing and installing => Page 93

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7 Lateral acceleration sensor

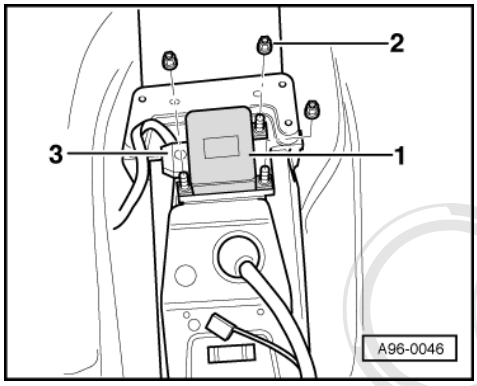
- Removing and installing => Page 102

8 Self-cancelling ring with slip ring

- Removing and installing ä MY 1998 => Page 82
- Removing and installing from sport steering wheel ä MY 1998 => Page 85
- Removing and installing MY 1998 ä => Page 87

9 Diagnostic connector

4.3 - Removing and installing airbag control unit (J 234)



- Disconnect battery earthing strap/cable.
- Remove front section of centre console => Page 25
- Release safety bracket at connection -3-.
- Pull connector -3- out of control unit -1-.
- Unscrew bolts -3- (3x).
- Tightening torque 6 Nm
- Remove control unit.

Note:

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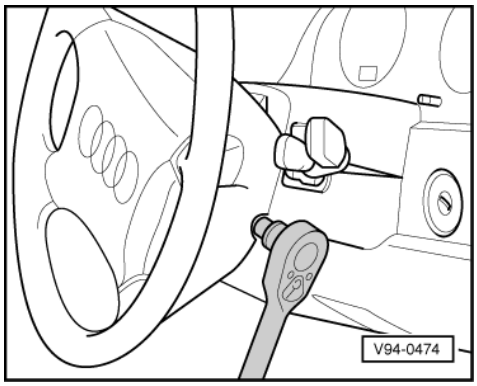
Renew coding if control unit is replaced.

5 - Repairing driver's airbag

5.1 - Repairing driver's airbag

5.2 - Removing and installing driver's airbag > MY 1998

- Disconnect battery earthing strap/cable.

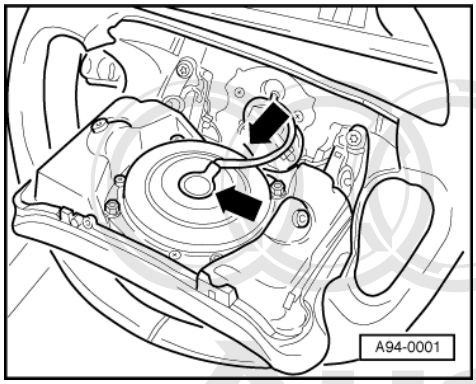


Note:

When performing work on airbag system components always observe safety precautions for airbag systems => Page 61 and =>Workshop Manual, General Information Chapter 1.

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

- Carefully fold back airbag unit.



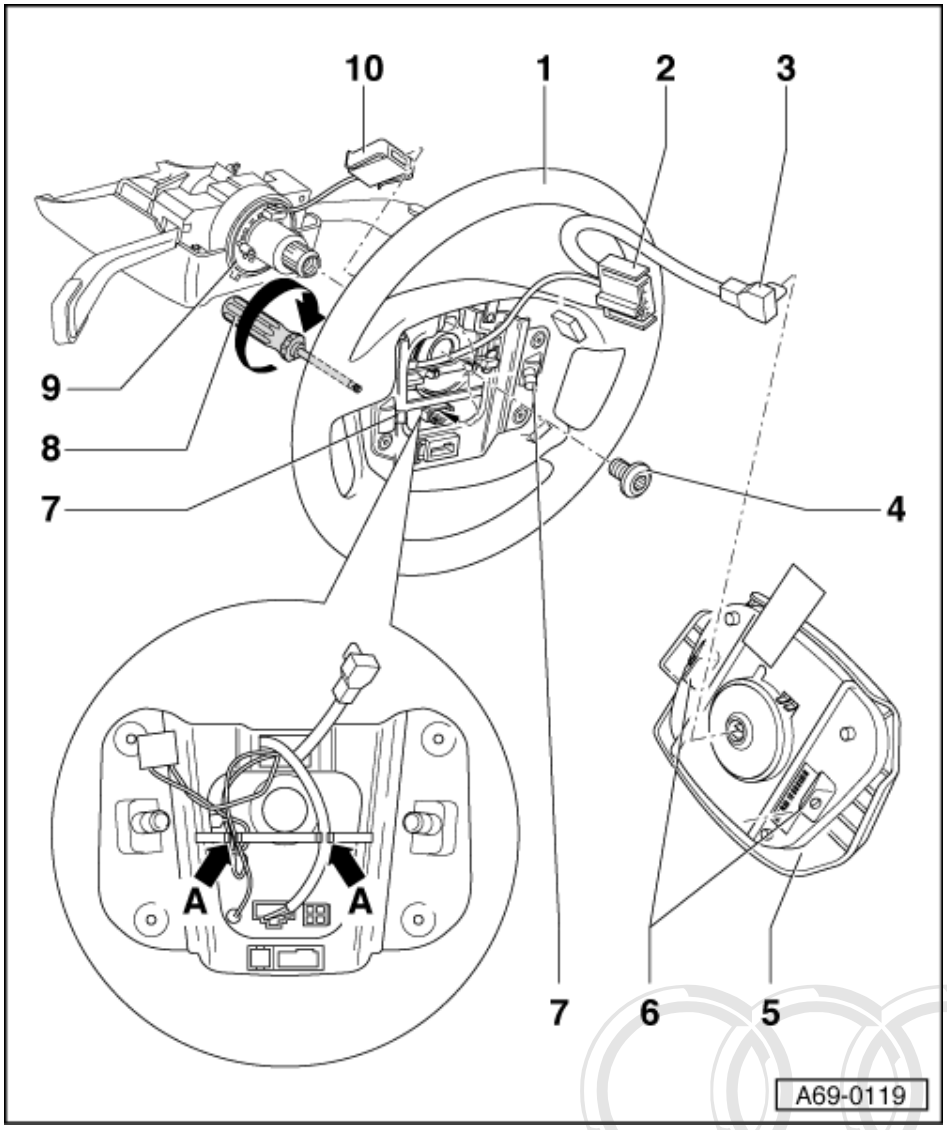
- Unplug airbag unit connector.
- -> Place airbag unit to one side with impact cushion facing upwards.
- Ensure that the connectors engage fully (i.e. audibly).

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

- Switch on ignition and connect battery earthing strap.

5.3 - Removing and installing driver's airbag unit MY1998 ä



Important

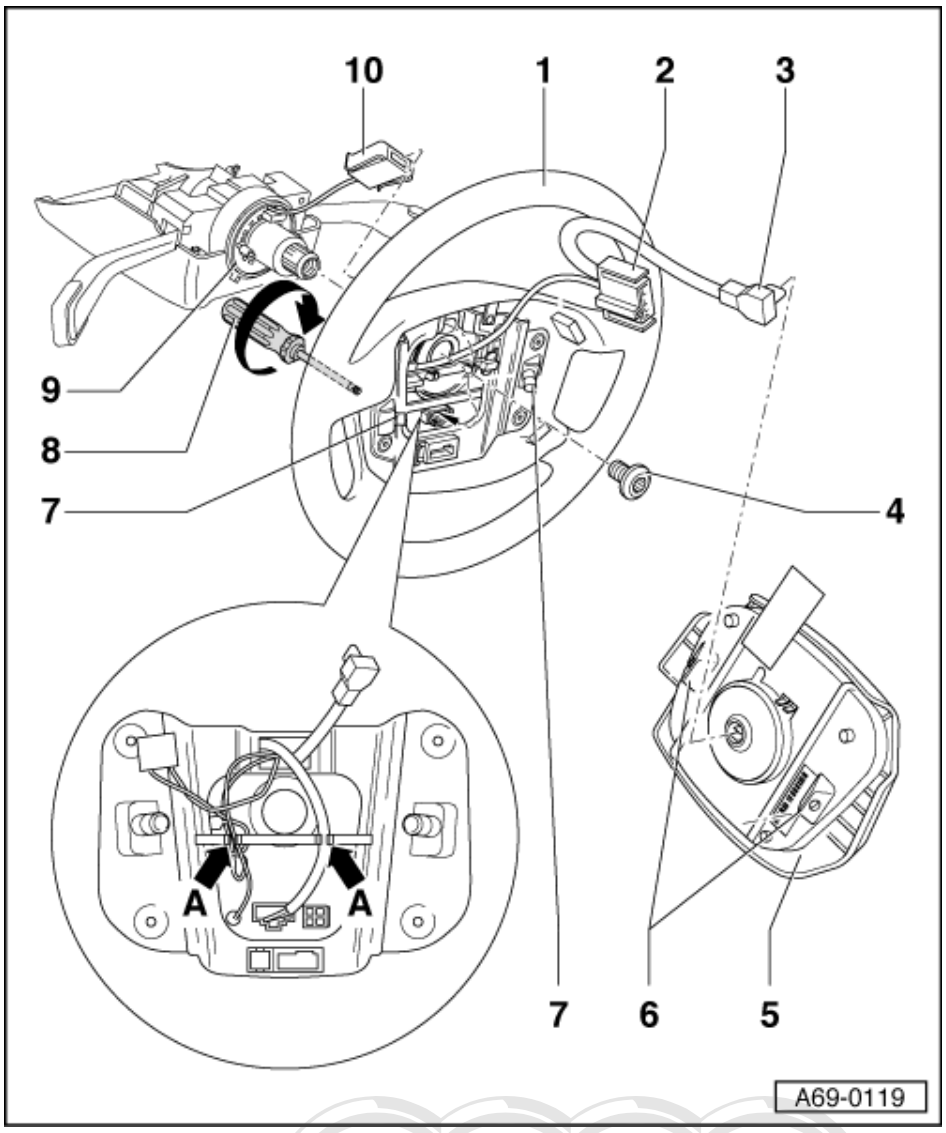
1 Steering wheel

- Removing => Page 74
- Fasten loose cable at the points marked with -arrow A-

2 Plug for coil connector

3 Connector for airbag unit

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4 Multi-point socket head bolt, 60 Nm
- Must always be replaced

5 Airbag unit

6 Threaded bushing

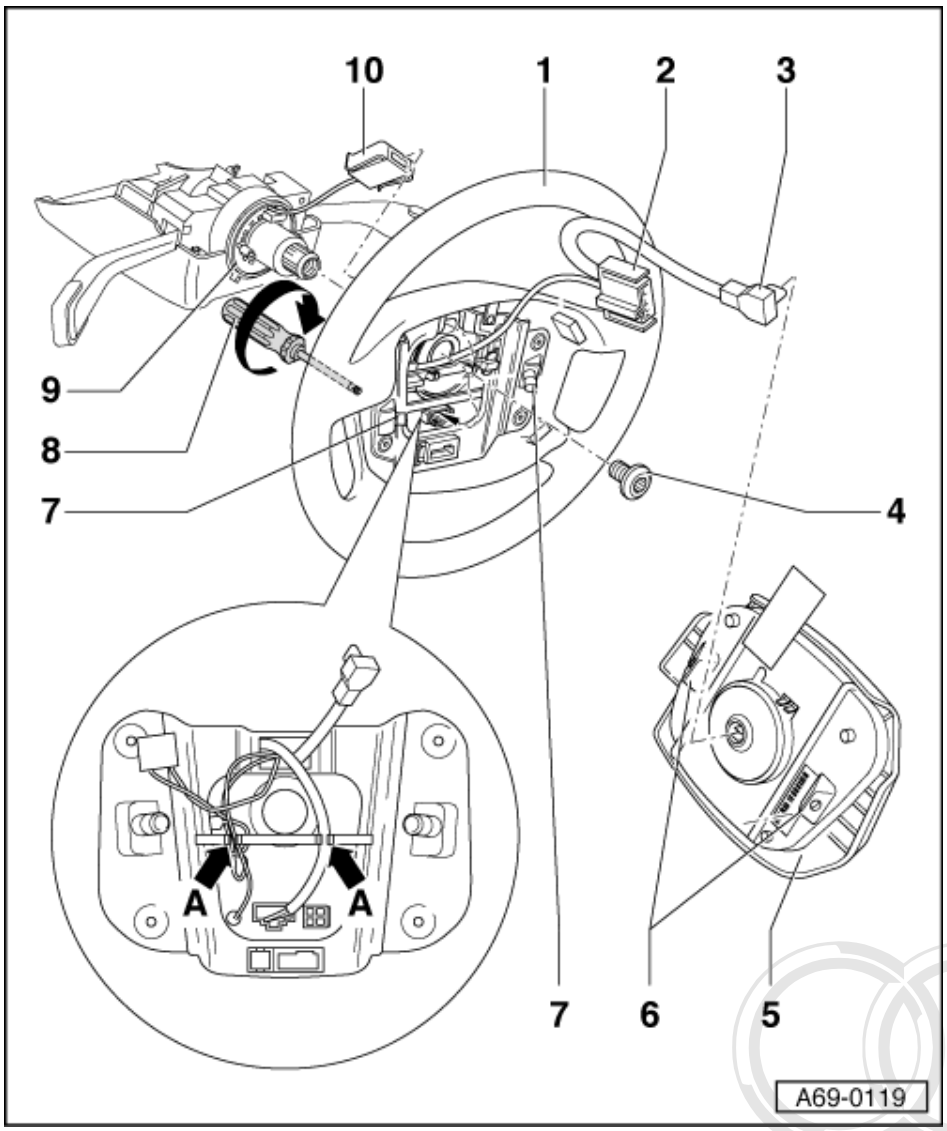
7 Torx bolts (T30), 7 Nm

8 Torx spanner (T30)

9 Self-cancelling ring with slip ring

10 Connector for steering wheel heating

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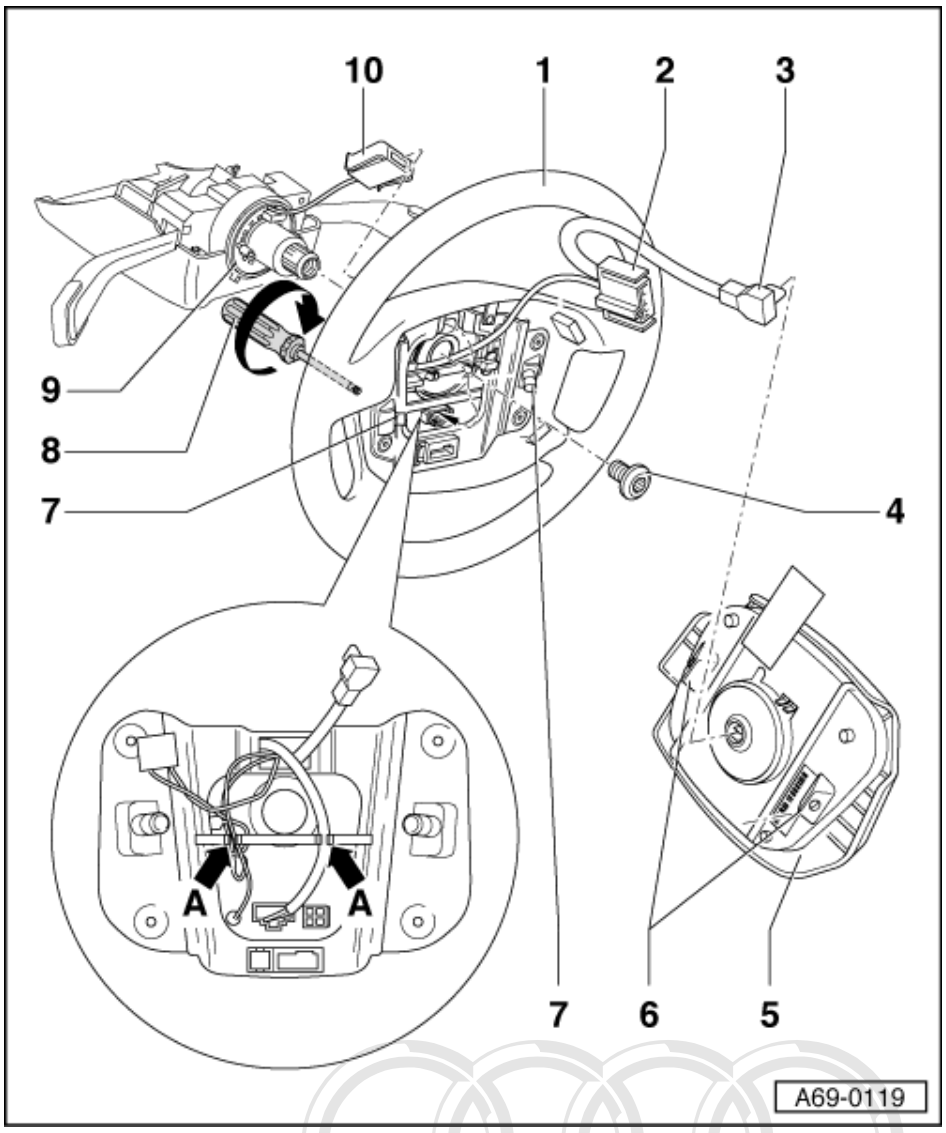


- Removing

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).

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

◆ Installing

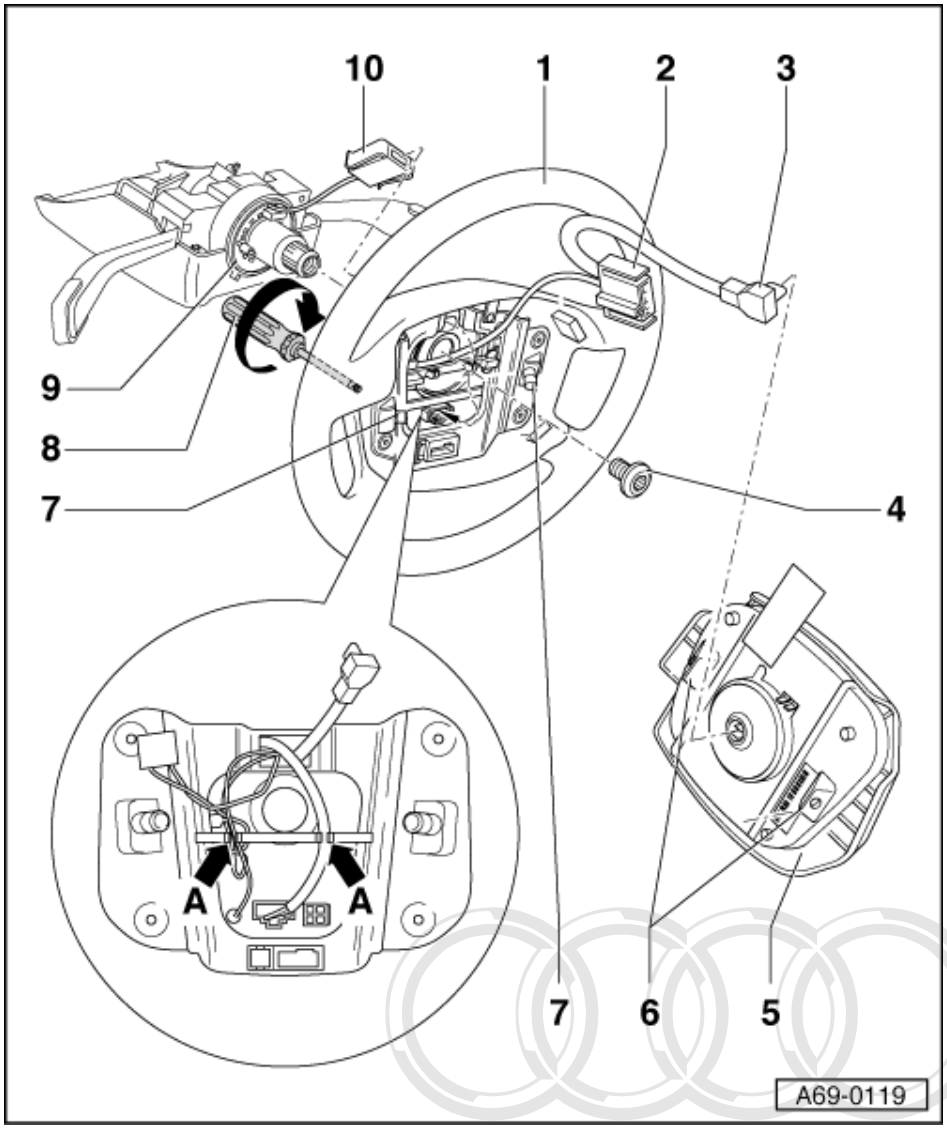
- Ensure that the connectors and the airbag engage fully (i.e. audibly).

WARNING!
Ensure that no-one is in the vehicle.

- Switch on ignition and connect battery earthing strap.

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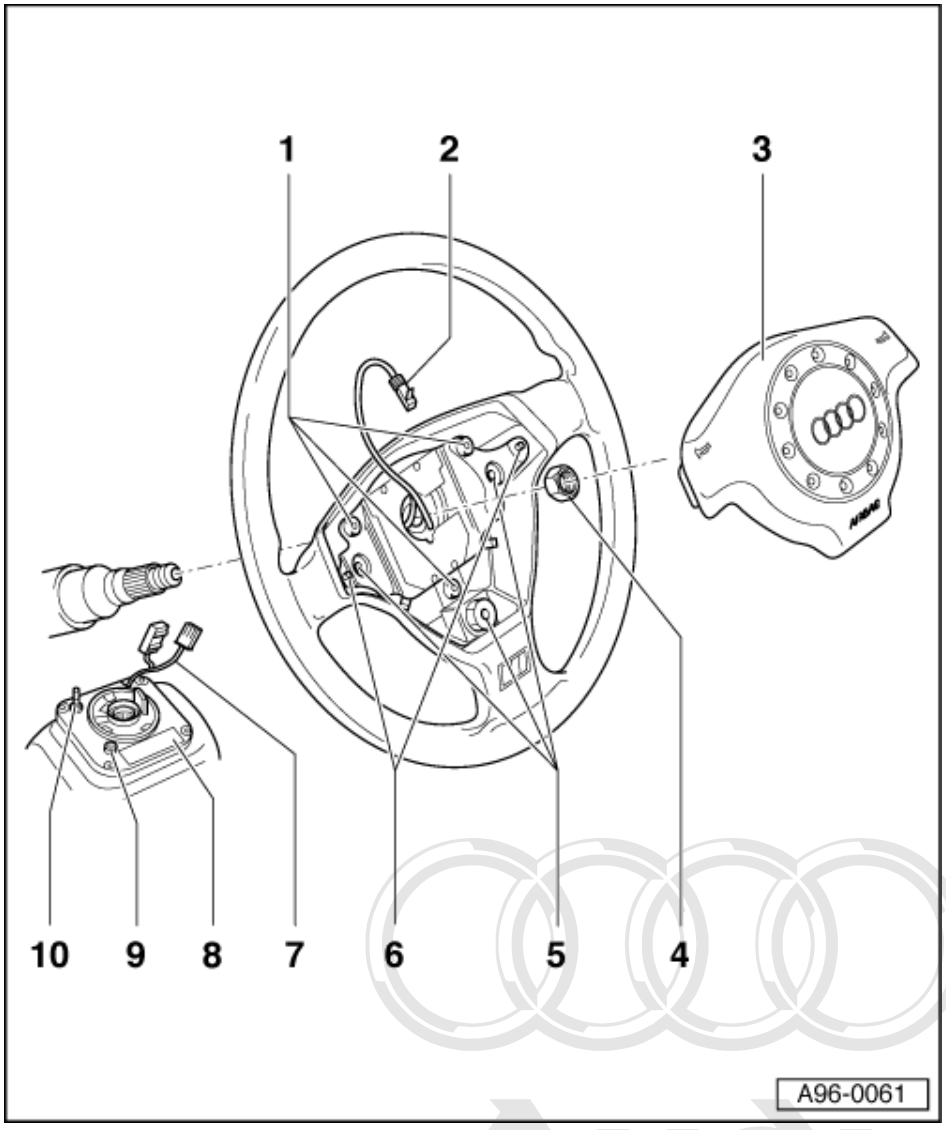
5.4 - Removing and installing steering wheel



- Removing
  - Remove airbag unit => Page 70
  - Centre the steering wheel (wheels in straight-ahead position).
  - Unscrew bolt - 4 -.
  - 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 60 Nm.
  - Install airbag unit => Page 70

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



Important

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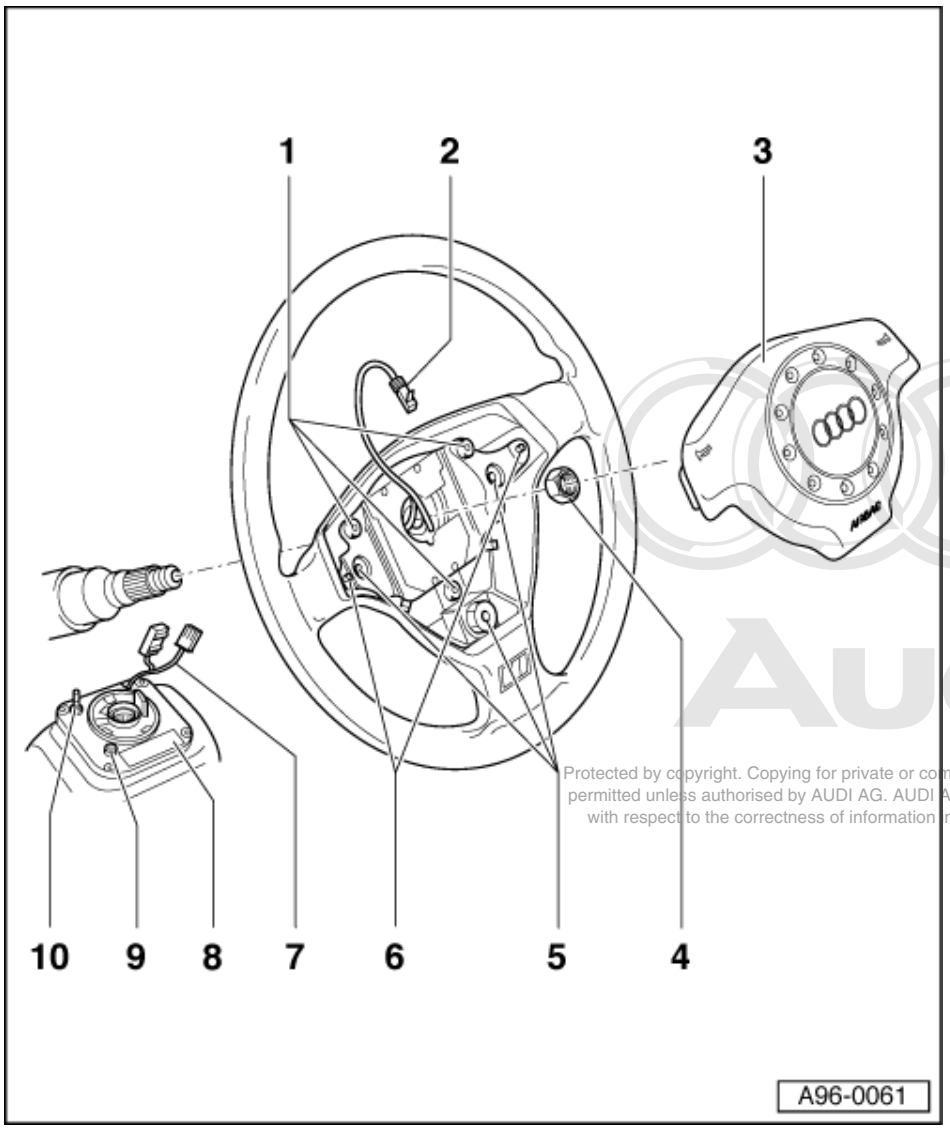
1 **Bolts for attaching top part of functional unit**
- Tightening torque 5 Nm

2 **Connector for airbag unit**

3 **Airbag unit**

4 **Nut for steering wheel**
- Tightening torque 42 Nm

4 - Bolt in steering wheel
- Tightening torque 60 Nm



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5 Bolts for attaching bottom part of functional unit
- Tightening torque 5 Nm

6 Torx bolts (T30)
- Tightening torque 7 Nm

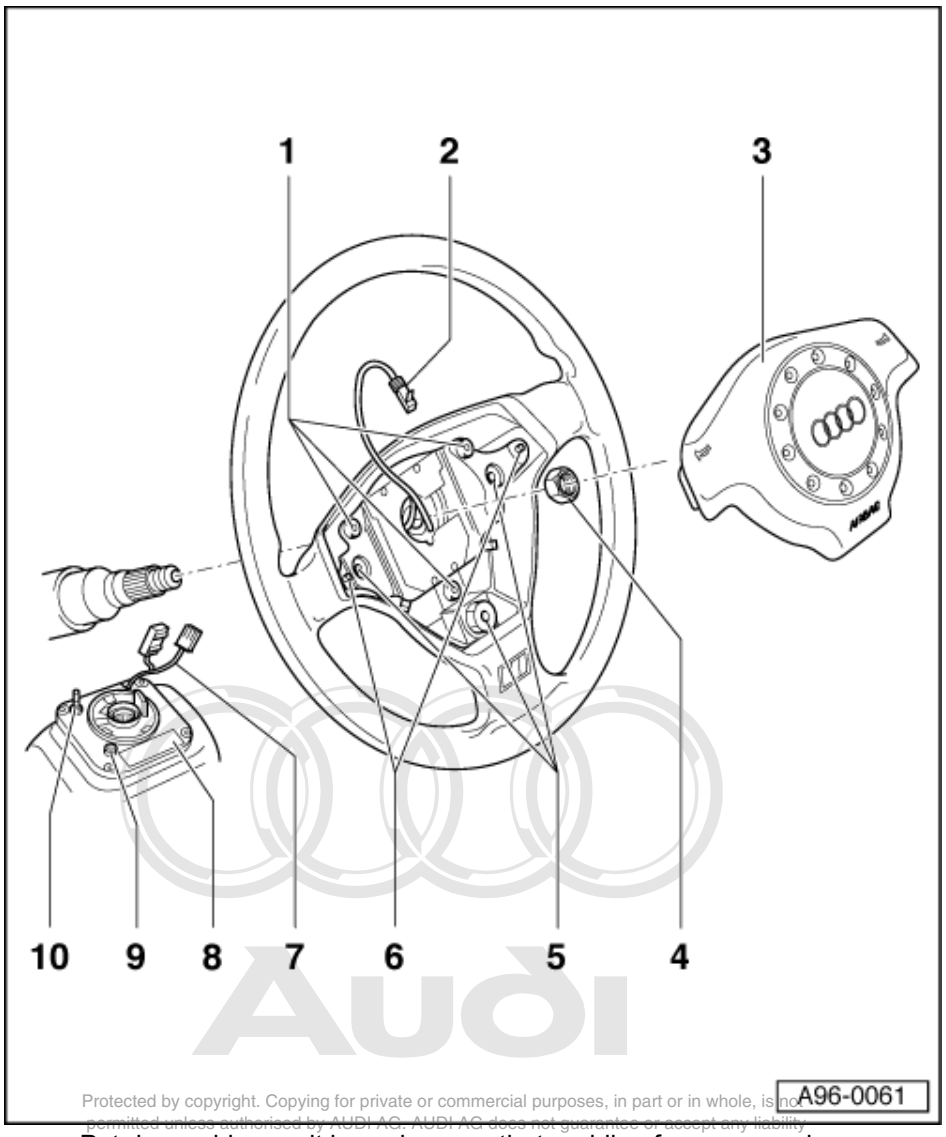
7 Connection cable of coil connector

8 Coil connector

9 Pivot pin

10 Transport lock

◆ Removing
- Use T30 Torx wrench to unscrew airbag unit from rear.
- Remove airbag unit -3- and detach connector -2-.



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- Put down airbag unit in such a way that padding faces upwards.

◆ Installing

Notes:

Listen to ensure that connector -2- engages (i.e. audibly).

Tighten right Torx bolt first when installing airbag unit.

WARNING! Ensure that no-one is in the vehicle.

- Switch on ignition and connect battery earthing strap.

5.6 - Retrofitting airbag sports steering wheel

For vehicles as from model year 1995 fitted with airbag as standard, the conversion to airbag sports steering wheel can be performed by an Audi workshop.

This involves ordering airbag sports steering wheel, airbag unit and appropriate label for vehicle model (e.g. S4).

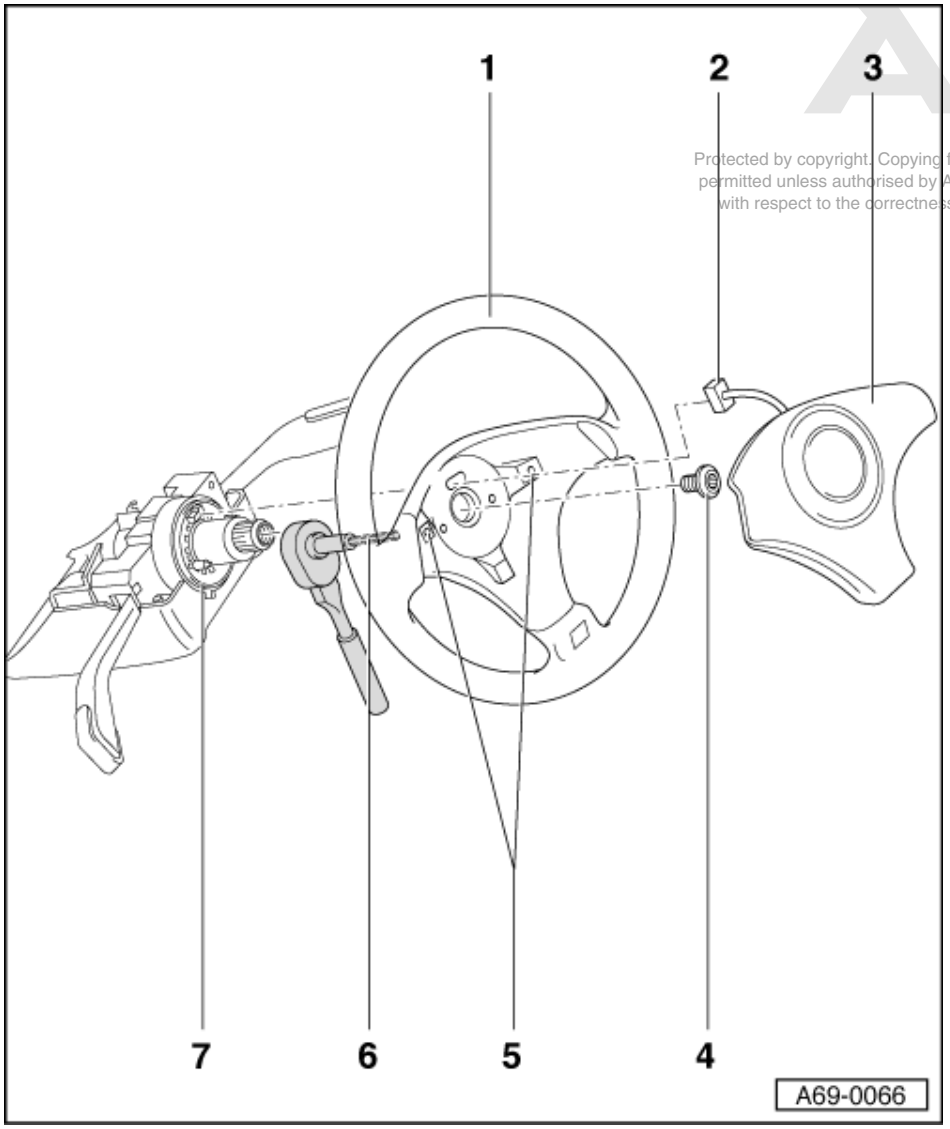
Sticker with service life date is then to be detached from new airbag unit and affixed over airbag sticker at bottom of driver's side -B-pillar.

Airbag replacement must be inserted in service schedule in the case of vehicles with no sticker on B-pillar.

Vehicles converted to airbag sports steering wheel must be submitted for TÜV inspection. Proof must be provided that conversion work was carried out in an Audi workshop (invoice). Furthermore, the TÜV inspectorate must complete a certificate confirming that this steering wheel complies with the general type approval.

5.7 - Removing and installing driver's airbag with sports steering wheel MY 1998 ä

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Important

1 **Steering wheel**
- Removing => Page 81

2 **Plug for coil connector**

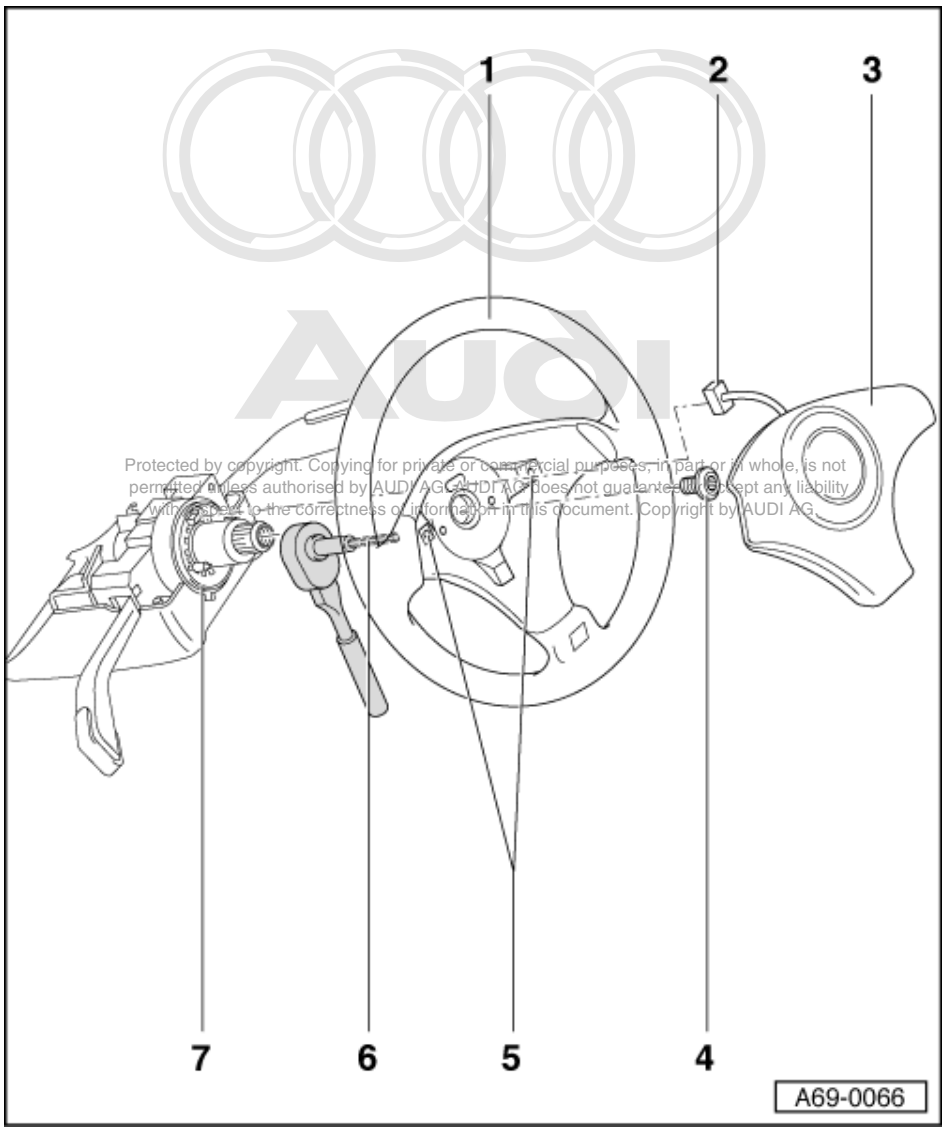
3 **Airbag unit**

4 Multi-point socket head bolt, 60 Nm
- Must always be replaced

5 Torx bolts (T30)
- 7 Nm

6 Torx spanner (T30)

7 Self-cancelling ring with slip ring

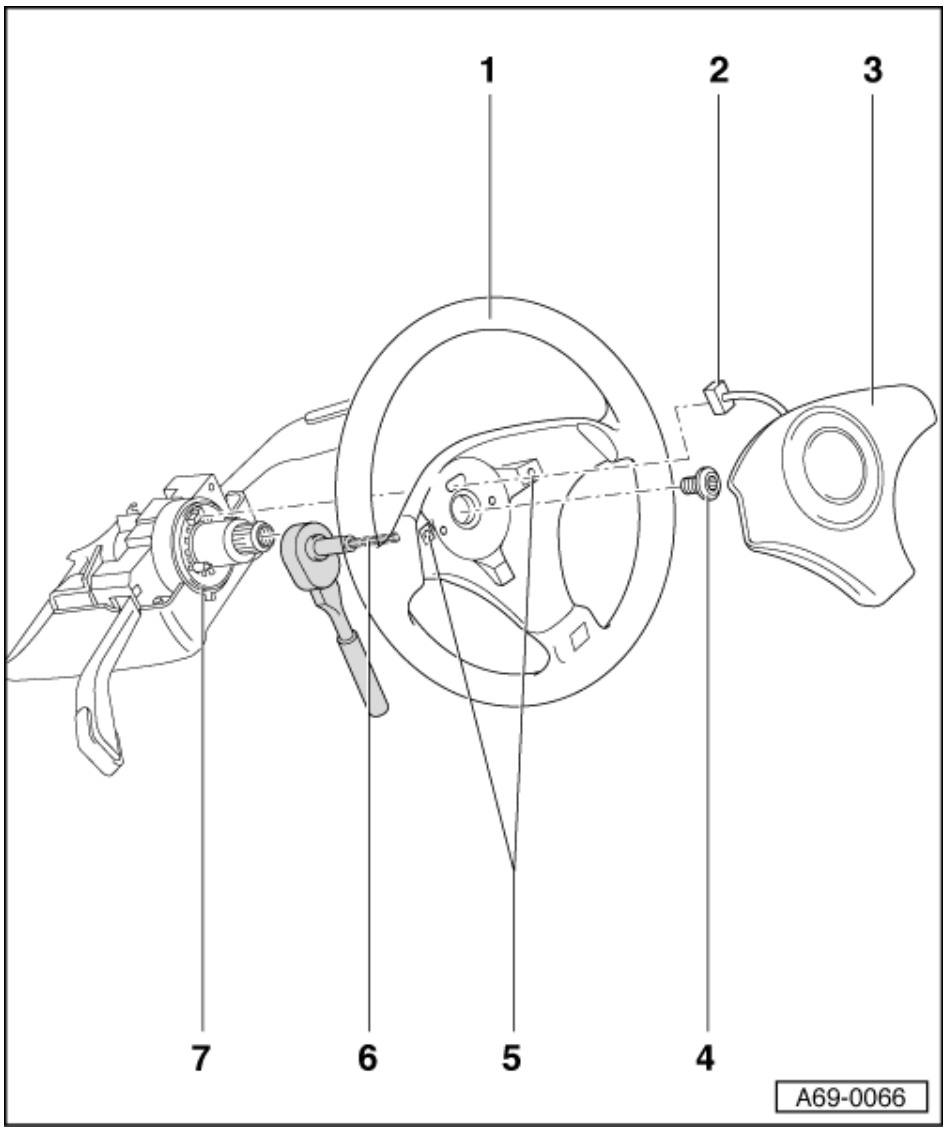


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- Removing

Important

- Unbolt airbag unit using a T30 Torx spanner.
- Unplug connector - 2 -.
- Lay airbag unit down with the padded side upwards.



◆ Installing

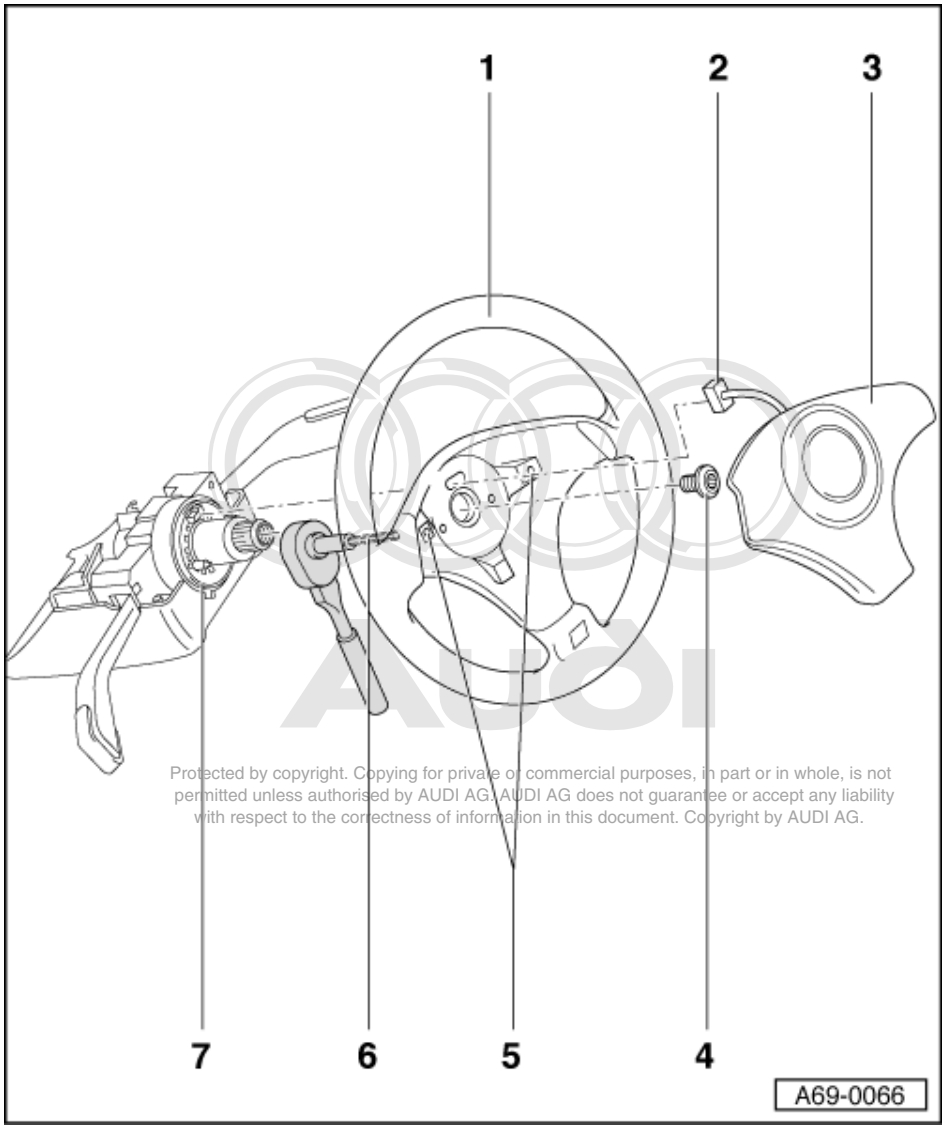
- Ensure that connector - 2 - engages audibly.
- Bolt on the airbag unit (7 Nm).

WARNING!
Ensure that no-one is in the vehicle.

- Switch on ignition and connect battery earthing strap.

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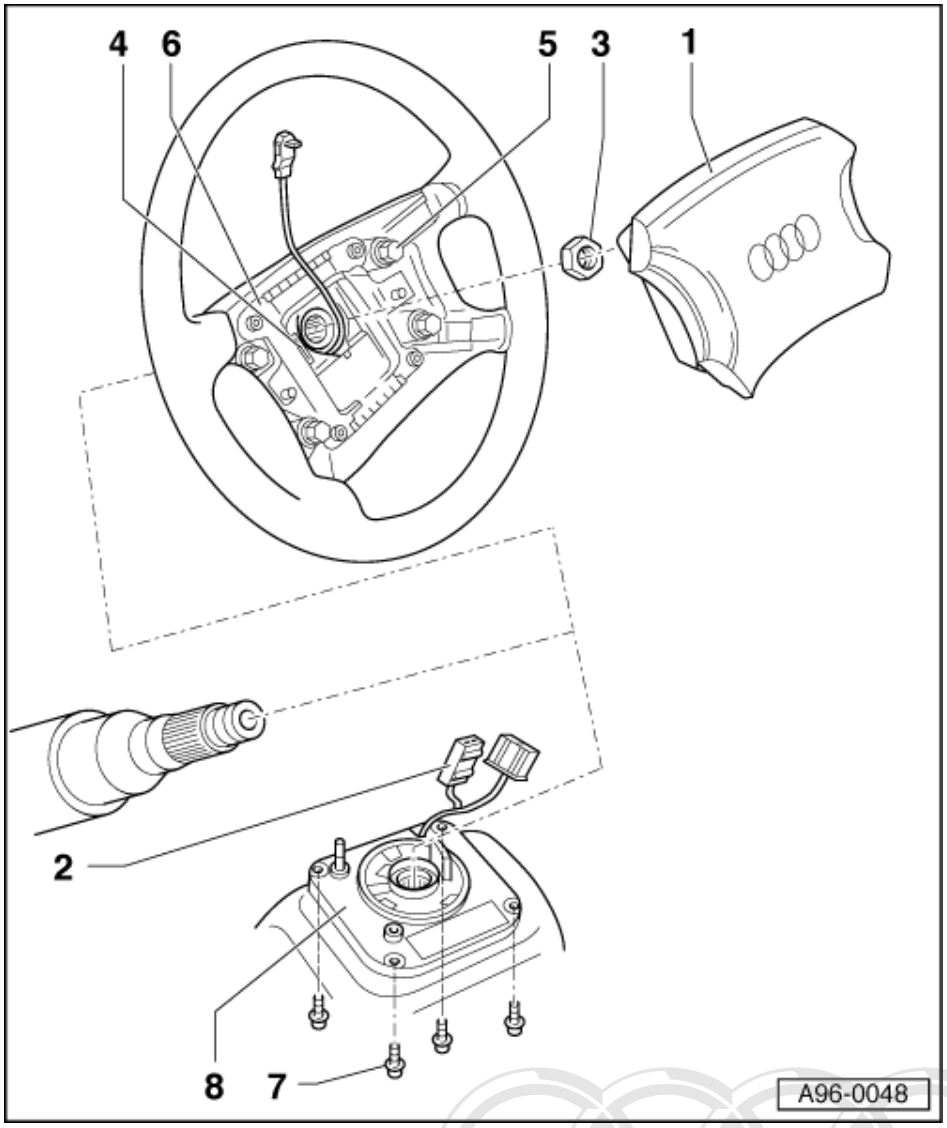
5.8 - Removing and installing sports steering wheel



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- Removing
  - Remove airbag unit => Page 78
  - 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 60 Nm.
  - Install airbag unit => Page 78

5.9 - Removing and installing self-cancelling ring with slip ring > MY 1998

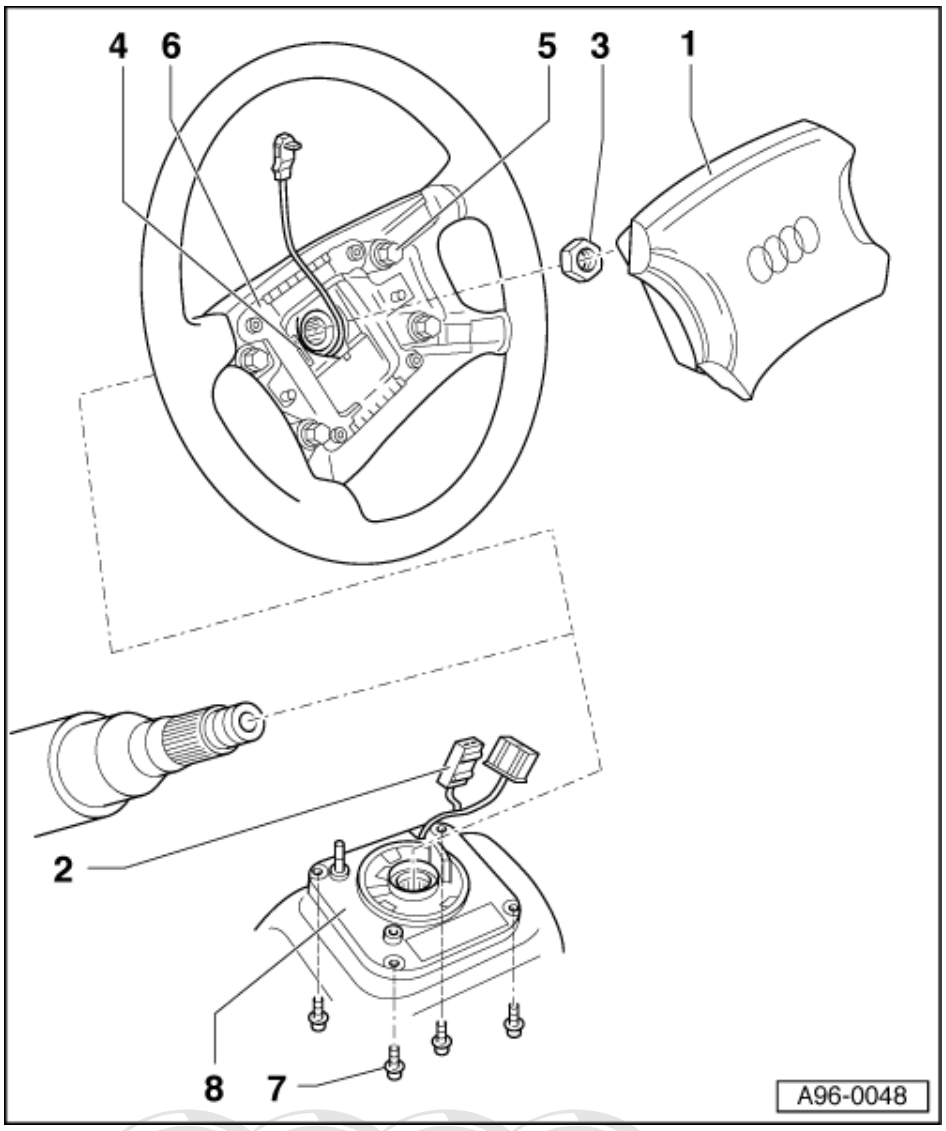


Important

- Disconnect battery earthing strap/cable.
- Wheels must be facing straight ahead.
- Remove airbag unit => Page 68
- Remove steering wheel.

=> FWD and 4WD Running Gear; Repair group 48; Airbag; Removing and installing steering wheel Airbag Removing and installing steering wheel

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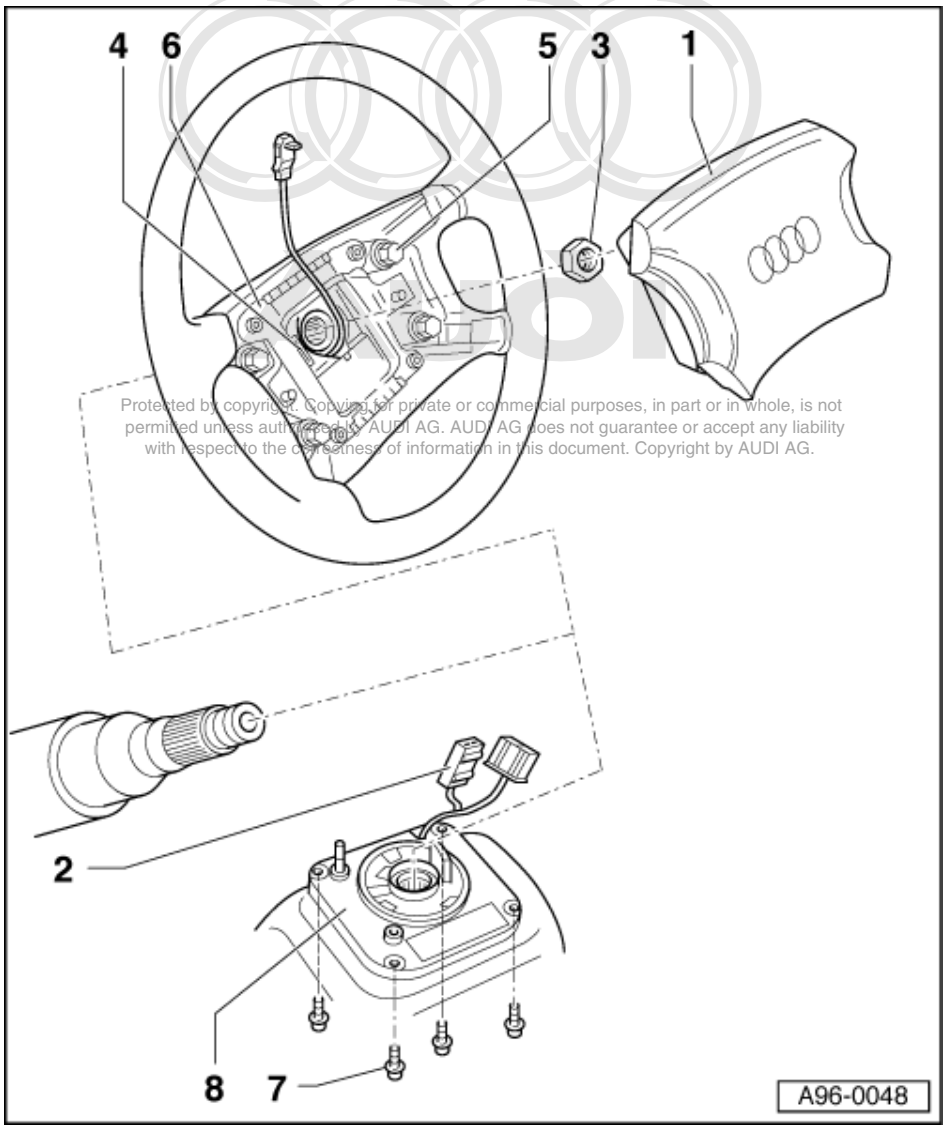


- Unscrew bolts -5- (4x) of functional unit -6-.
- Unscrew bolts -7- (4x) of coil connector -8-.

Important
Steering wheel and coil connector are only to 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.

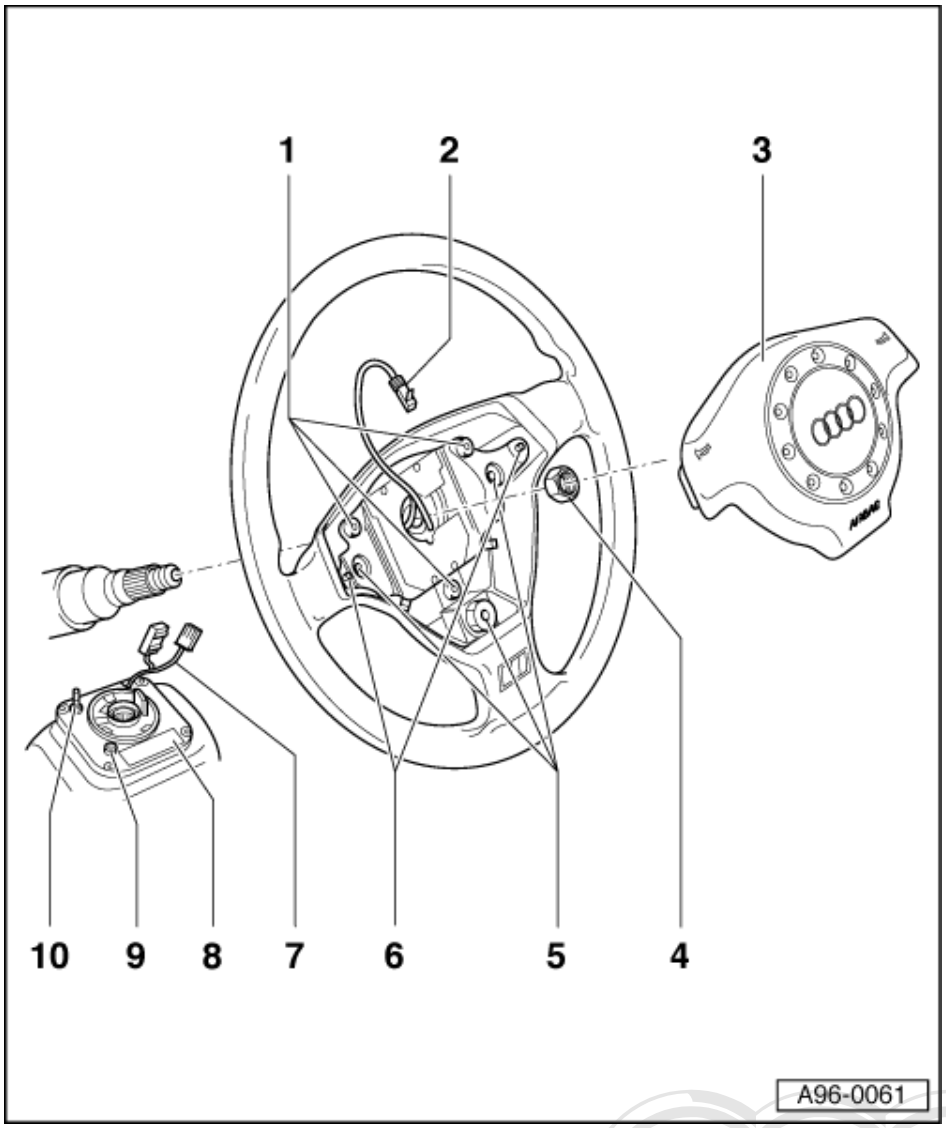
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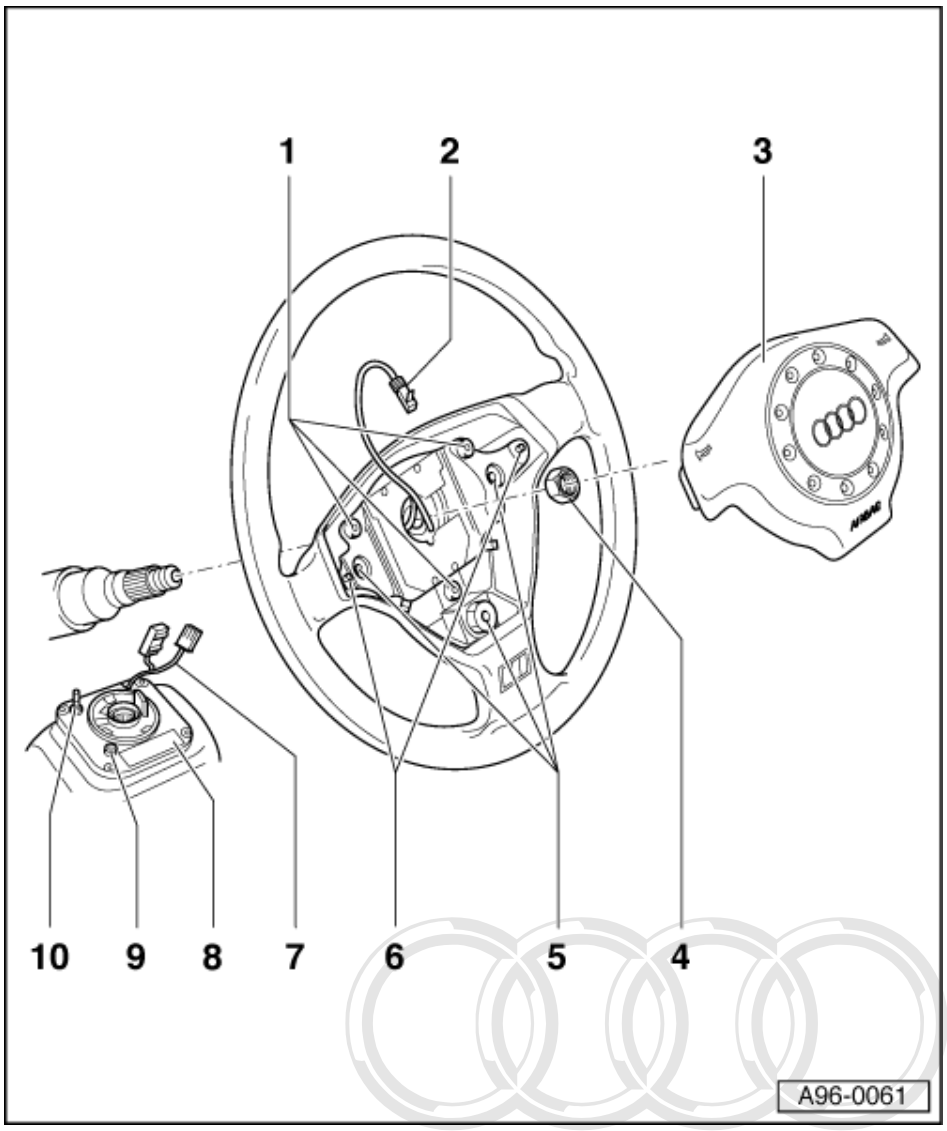
1 Airbag unit
2 Connector for airbag and horn
3 Securing bolt for steering wheel
4 Connector for horn
5 Bolts (4x)
6 Functional unit
7 Bolts (4x)
8 Coil connector

5.10 - 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.

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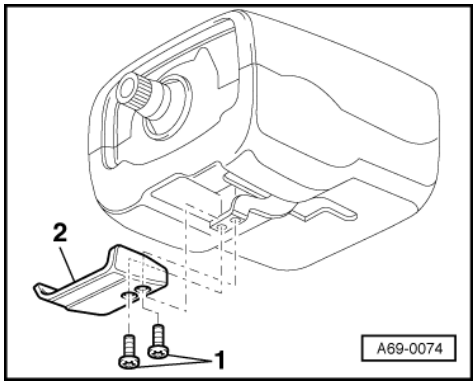


- Detach connectors.
- Unfasten bolts securing coil connector.
- Detach coil connector to rear.

◆ The coil connector must not be twisted after removal.

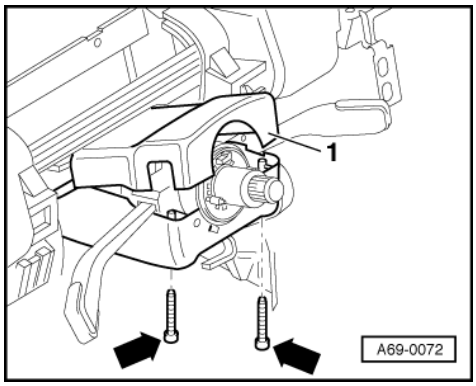
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5.11 - Removing and installing self-cancelling ring with slip ring



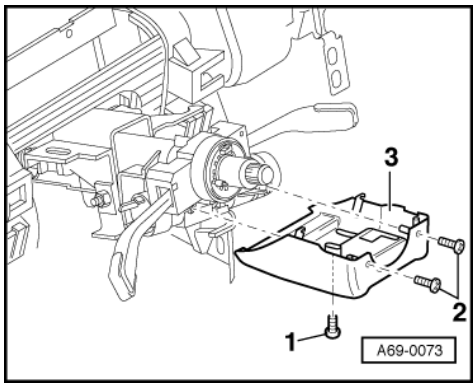
Driver airbag unit and steering wheel removed.

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



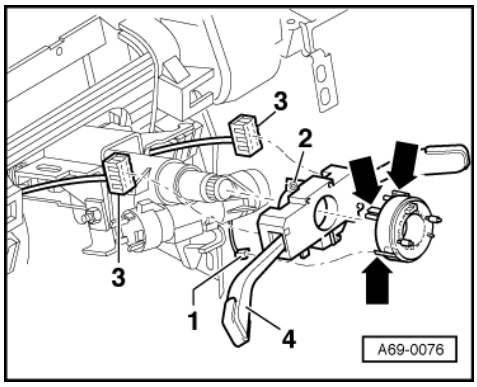
- -> Remove two cross head screws -arrows-.
- Tightening torque 0.6 Nm.
- Remove upper trim panel for steering column switch -1-.

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



- -> 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-.

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

Note:

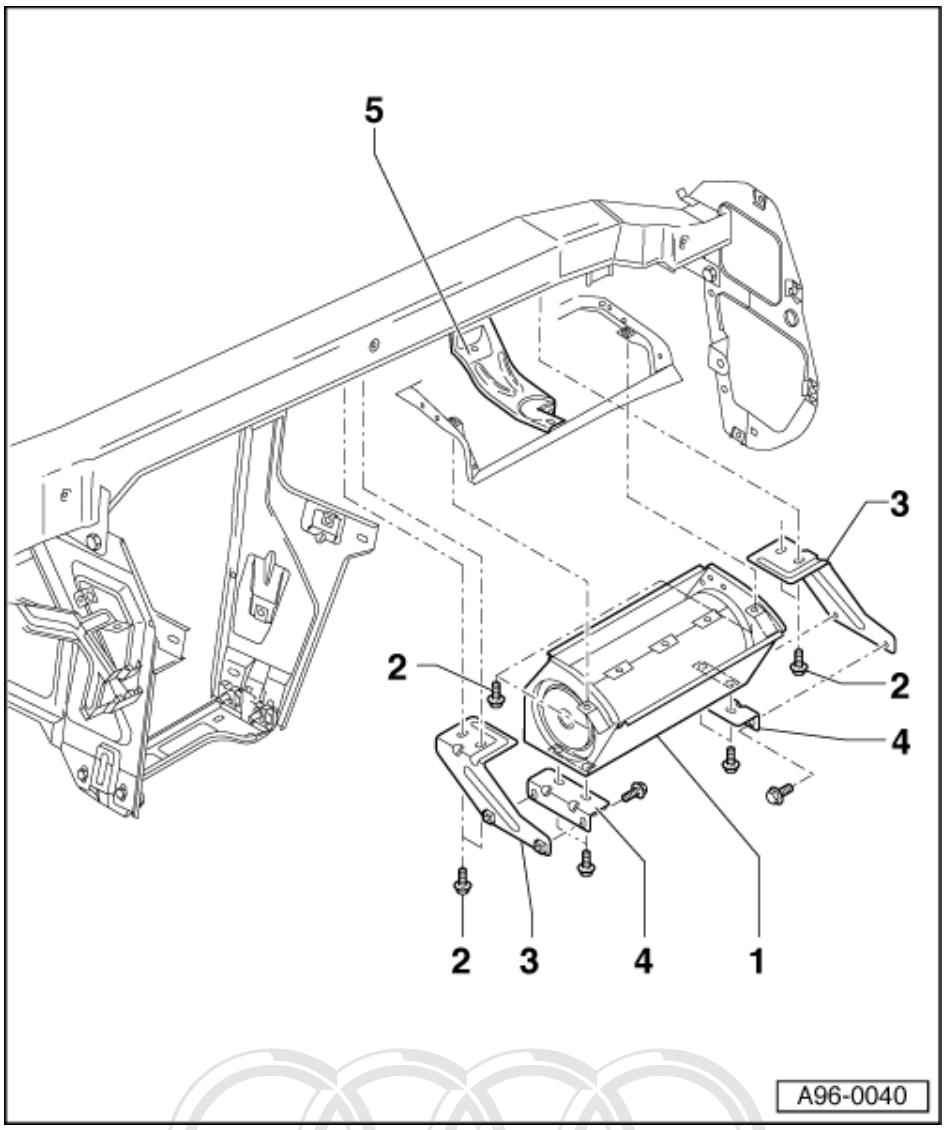
The steering must be in the centre position (wheels in straight-ahead position) when the self-cancelling ring and slip ring are removed and installed.

Self-cancelling ring with slip ring is secured as a new part in the centre position with a cable tie.

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6 - Repairing passenger airbag

6.1 - Repairing passenger airbag



6.2 - Removing and installing passenger's airbag

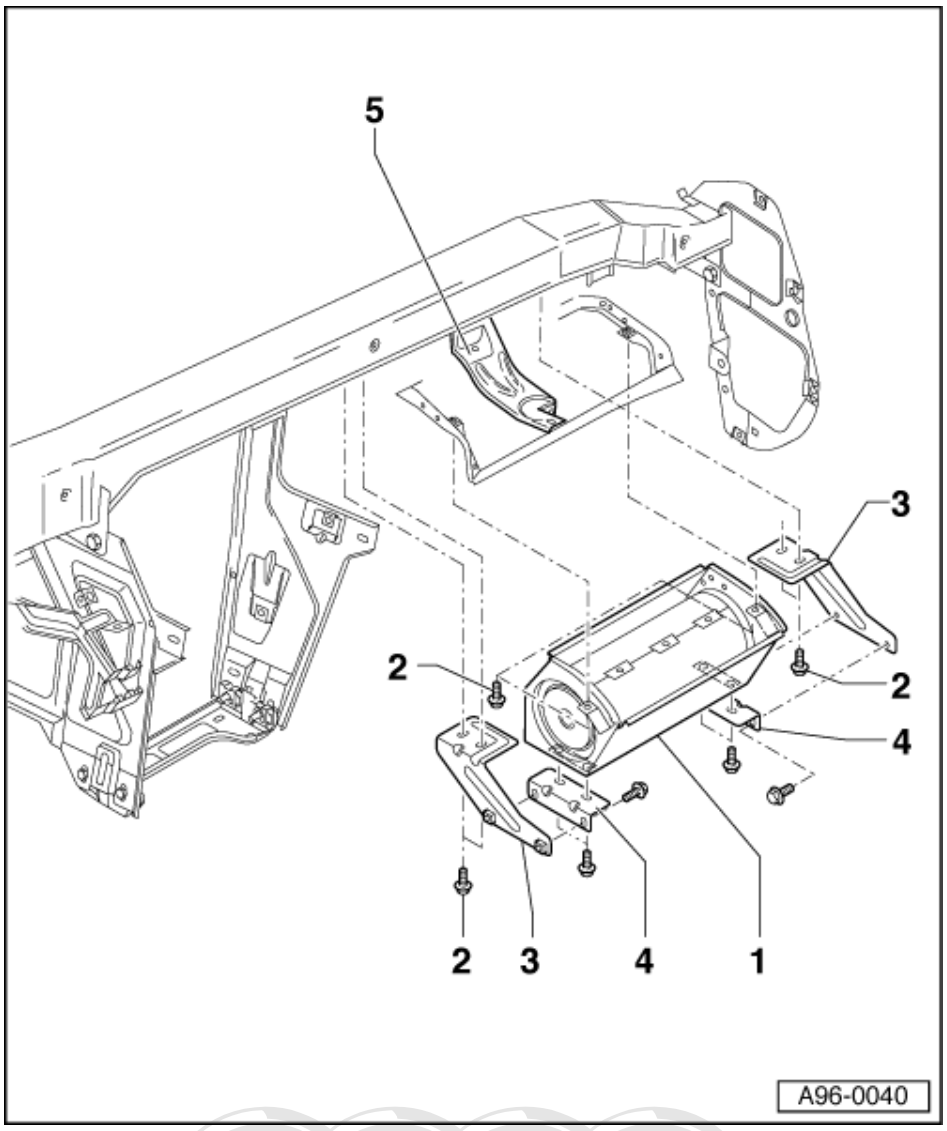
1 Passenger's airbag unit

- Removing

Important

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- Disconnect battery/earthing strap/cable.
- Remove glove compartment => Page 1
- Detaching connector (tunnel connector on left behind airbag unit) => Fig.: 1



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

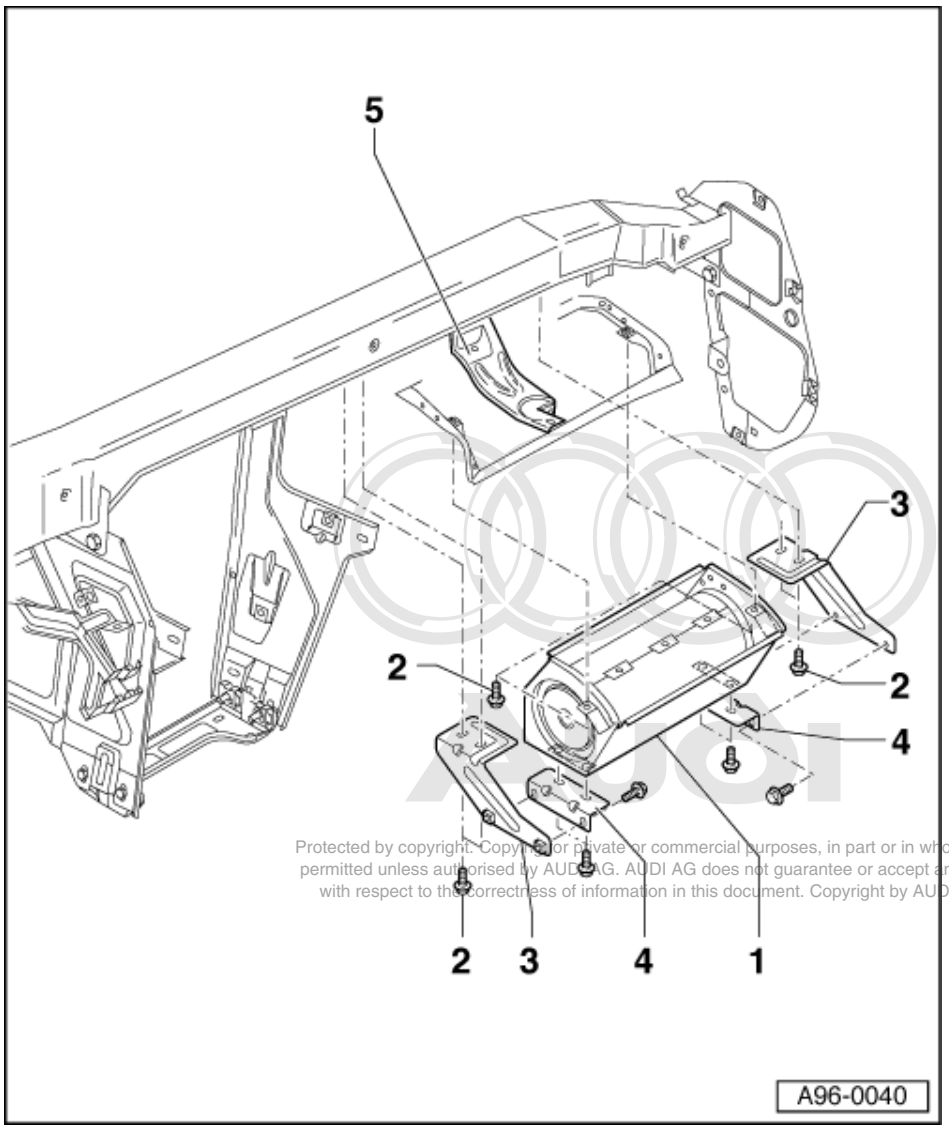
- Start by unscrewing the two retaining brackets -4-.
- Then unscrew the two retaining brackets -3-.
- Unscrew bolts -2- at passenger's airbag.
- Remove airbag unit.
- Set down airbag unit with padding facing upwards.

Note:

Dash panel must be replaced whenever passenger's airbag has been triggered.

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- Installing
  - Installing airbag unit.
  - Ensure connector -6- engages properly (audibly).



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- Switch ignition on.

WARNING!
Ensure that no-one is in the vehicle.

- Connect battery earthing strap.

2 Bolts (2x)
- Tightening torque 9 Nm
- ◆ Must be replaced after airbag triggering.

3 Support
- ◆ Must be replaced after airbag triggering.

4 Angle bracket

5 Bracket

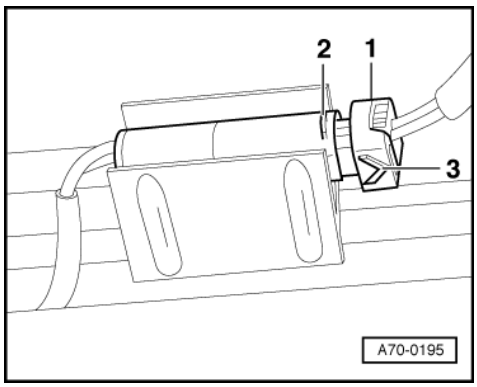
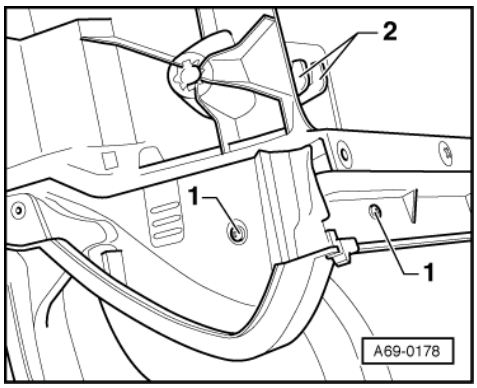


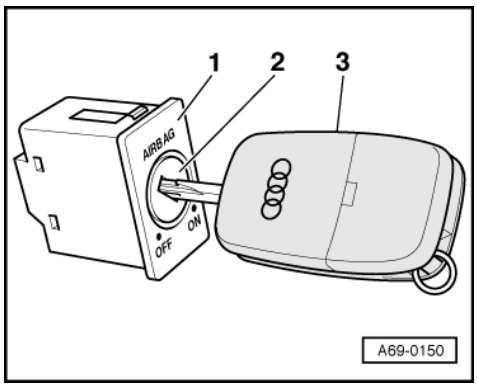
Fig.:1 Unplugging airbag connector

- Use screwdriver to lift connector -1- for passenger's airbag over retainer tab -2- and unplug connector in direction of arrow -3-.

6.3 - Removing and installing key switch for passenger airbag



- Remove glove compartment => Page 1
- -> Remove bolts -1- (2x).
- Remove bracket for key switch from retainers -2- downwards.
- Break key switch out of key switch bracket.



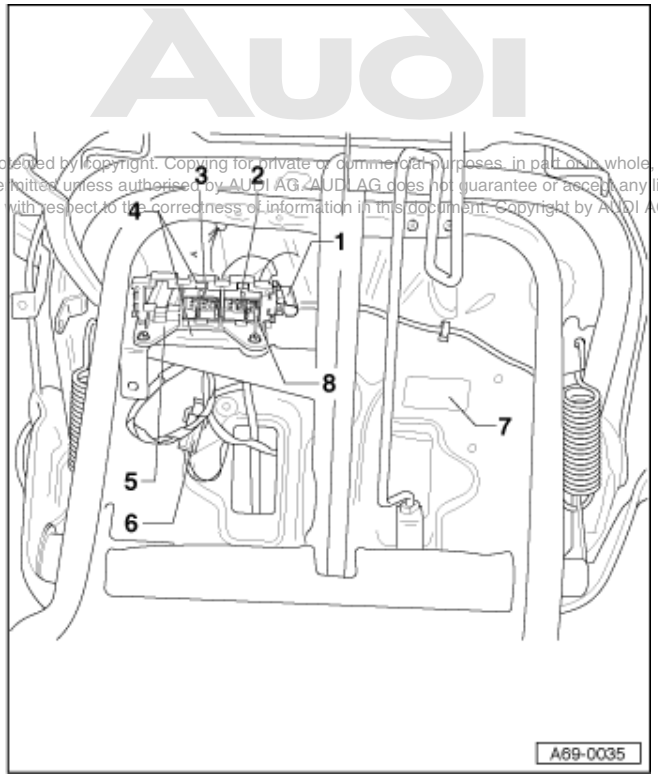
- -> Insert key -3- into lock -2-.
- Destroy key switch -1- with key -3- inserted.
- Break out lock -2-.
- Press lock -2- with key -3- inserted into the new key switch -1- until lock -2- engages.

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7 - Repairing side airbags

7.1 - Repairing side airbags





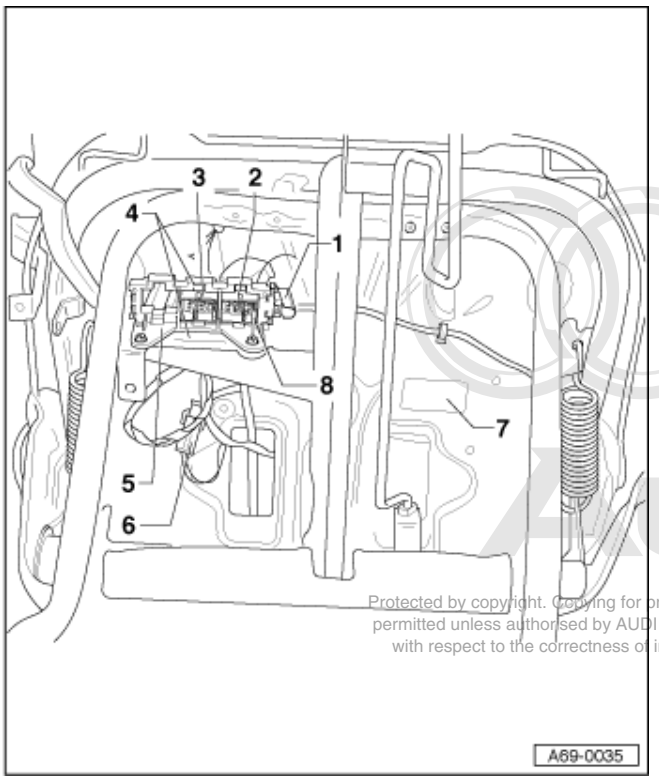
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7.2 - Removing and installing side airbag

Important Observe the safety precautions for side airbags

- Removing
  - Disconnect battery/earthing strap/cable
  - Remove seat => Page 208
  - Remove outside trims and outside seat side covers => Page 329
  - Detach connector -2-.
  - Detach earth cable from contact 4 of connector -2- using force as appropriate.
  - Unclip connector for side airbag -1- by pressing the lug at the connector console -5-.



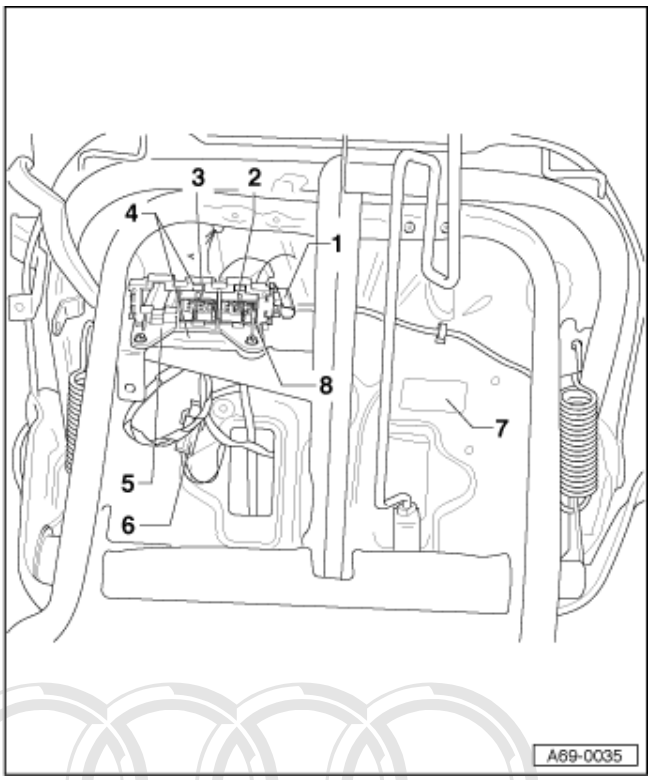


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- Disconnect the intermediate connector -6- for the backrest heating.
- Disconnect cable for side airbag from outside of seat => Fig.: 2
- Remove side airbag unit =>Page 97

1 Connector for side airbag
2 Connector for sensor mat
3 Plug connection for seat heater
4 Retainer tabs
5 Connector console





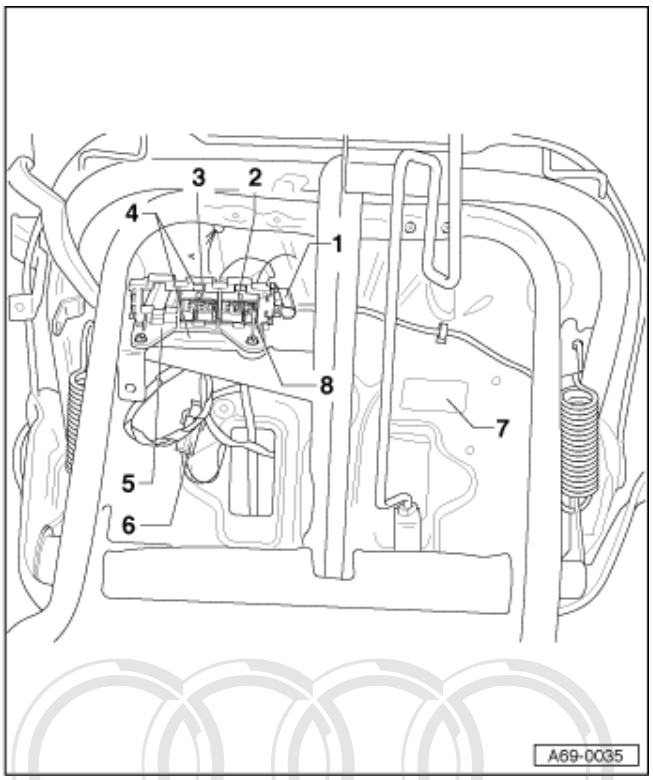
6 Intermediate connector for backrest heater
7 Sticker for airbag number
8 Bridge of connector

- Installing

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.

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- Clip connector -2- into old position and ensure that web -8- faces into direction of tunnel.
- Switch ignition on.
- Close doors.

WARNING!
Ensure that no-one is in the vehicle.

- Connect battery earthing strap.

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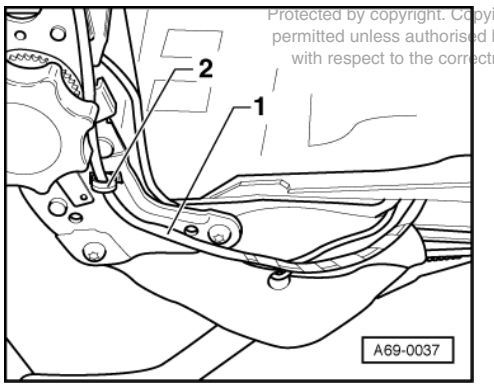
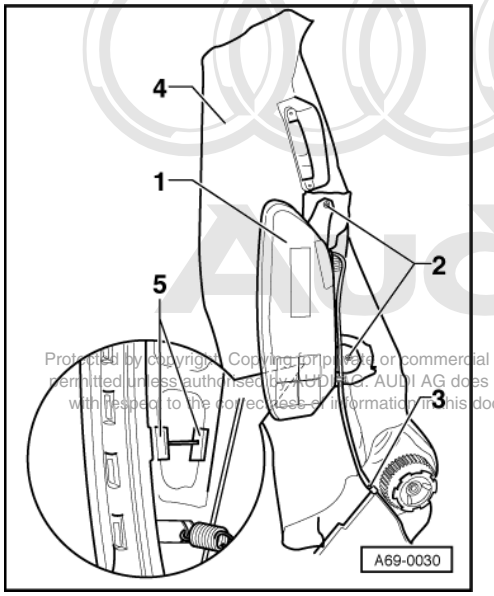


Fig.:2 Cable routing at the outside of the seat

- Remove cover for backrest =>Page 326
- Unfasten clips -2- (1x).

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

Removing and installing side airbag unit



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- Removing:

- -> Remove bolts -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 pad 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.

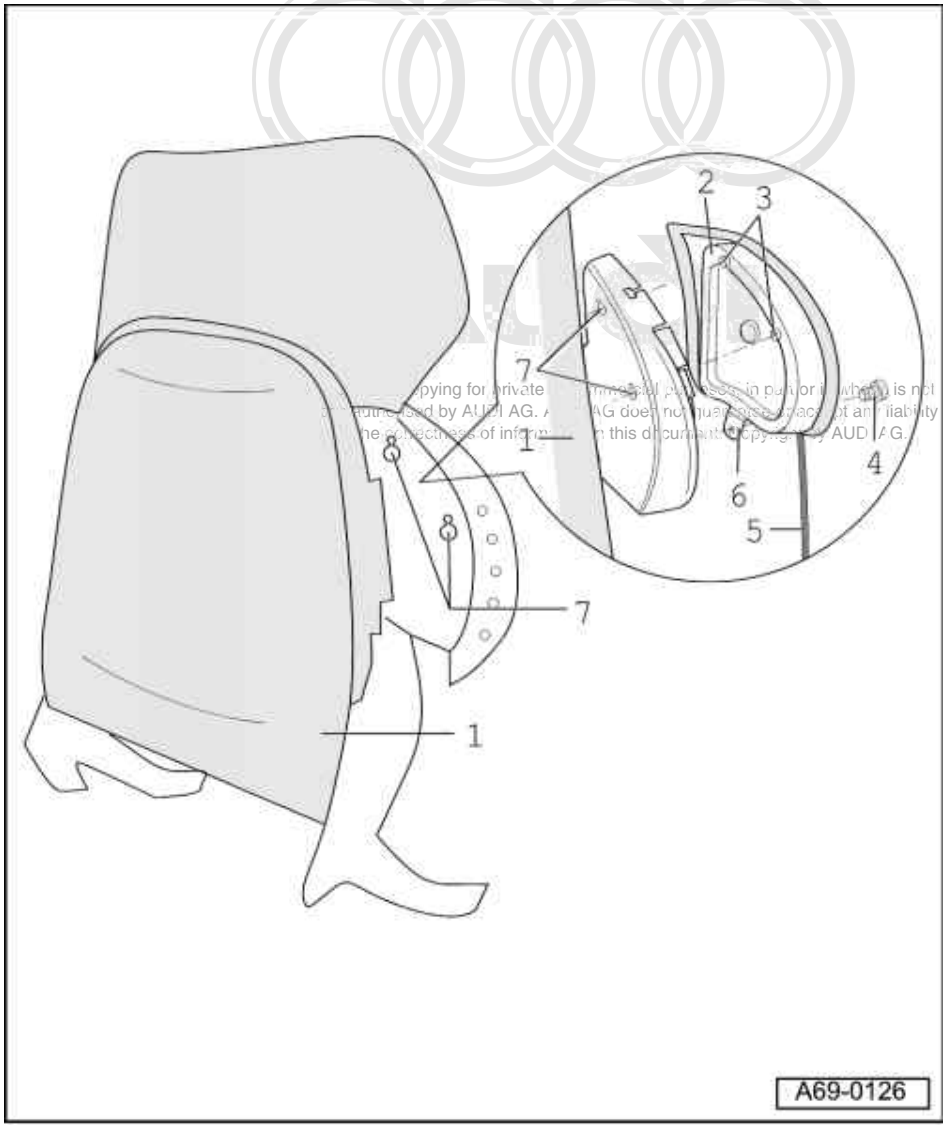
- Installing:

Note:

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

- Remove anti-squeak pad -4- for drilling.
- Drill fixing holes to 5.5 mm.
- Pull anti-squeak pad -4- over backrest frame.
- Clip side airbag -1- in with anti-squeak pad.
- Install bolts -2- lift up anti-squeak pad -4- attach nuts and tighten with 5.5 Nm.
- Detach use-by sticker from airbag unit and stick over the old sticker on the driver door.
- Airbag replacement must be inserted in service schedule in the case of vehicles with no sticker on B-pillar.
- Pull airbag number sticker off airbag unit and stick it over old one on seat pan (=> Page 93 position number 7).

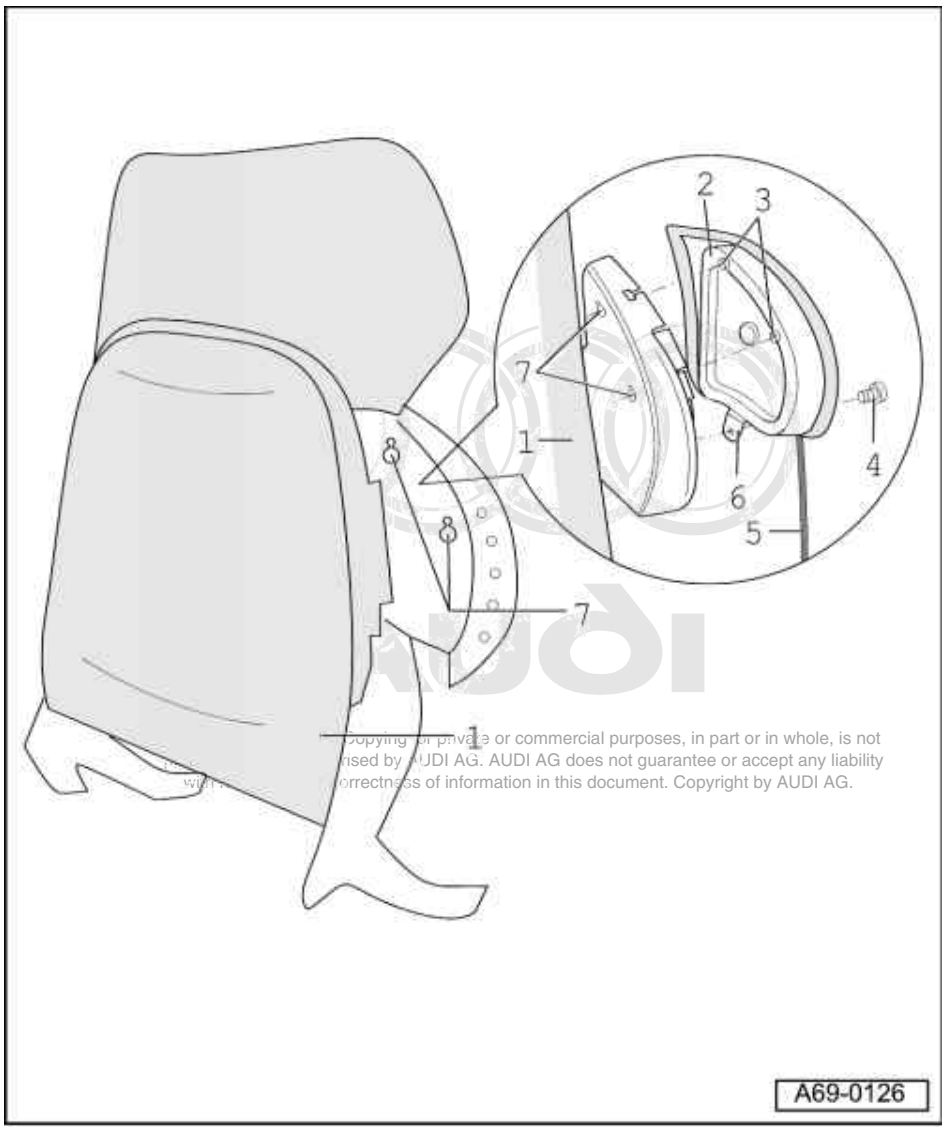
7.3 - Removing and installing side airbag for Recaro seat



Important
Observe safety precautions for side airbag.

1 Backrest
2 Side airbag module

- Removing
  - Remove seat => Page 270
  - Remove fitting panel => Page 292
  - Detach yellow connector of airbag cable underneath seat.
  - Detach black connector of airbag earthing cable underneath the seat.



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- 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.

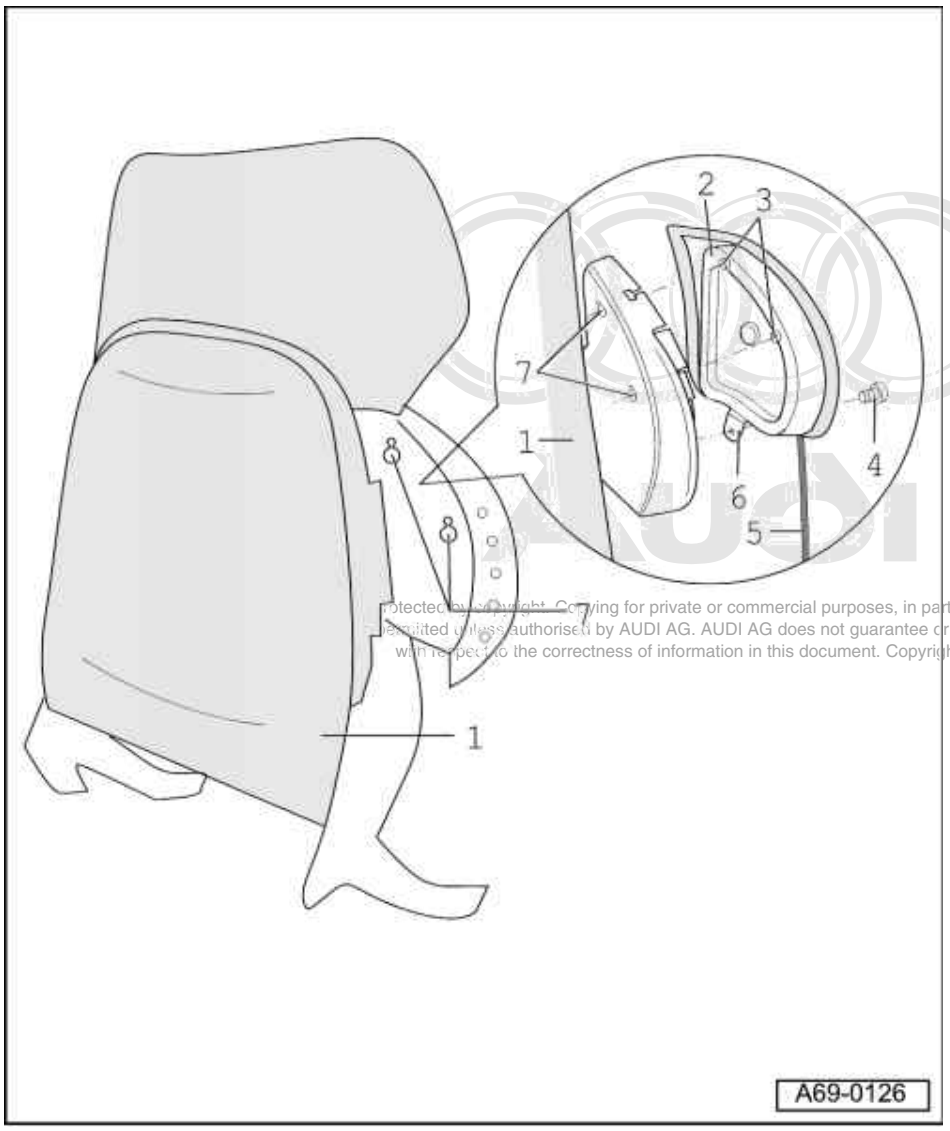
◆ Installing

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.



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

3 Locking pins

4 Bolt

- Tightening torque 10 Nm

5 Airbag cable

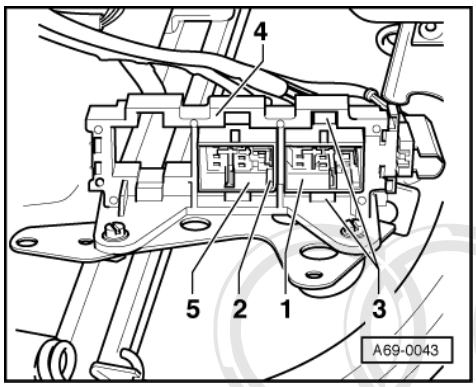
6 Fastener

7 Engaging holes

7.4 - Removing and installing seat occupied sensor

Note:

Seat occupied sensor to be introduced at a later date.



- -> Remove seat => Page 208
- Remove seat cover => Page 328

Note:

The sensor mat is supplied as spare part only in connection with seat heater and seat upholstery.

- Press in locking lugs -3- and unplug connector -1- for seat occupied sensor from connector console -4-.
- Detach earth cable from contact 4 of connector -1- using force as appropriate.
- Unclip connector -5- and detach intermediate plug to backrest.
- Remove seat upholstery together with sensor mat and seat heater from seatpan.
- On installation, ensure that web -2- is facing in direction of tunnel.
- After installing the sensor mat check function with V.A.G Tester 1551 => Function test of sensor mat, Page 101

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Function test of sensor mat

Note:

Illustrated without cover for higher clarity

- Remove possible seat covers before each testing of sensor mat.



- Connect V.A.G Tester 1551 => self-diagnosis
- Select measured value block display group 03 => self-diagnosis
- The measured value block no. 2 for seat occupied sensor on passenger's side displays "vacant".
- -> Press the individual sensor groups (circuits) manually until display changes from "unoccupied" to "occupied". Max. pressure 12 kg.

Note:

If "occupied" should appear without the sensor groups being pressed either the sensor mat is defective or the cover is too tight.

7.5 - Removing and installing sensor for lateral acceleration

Notes:

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

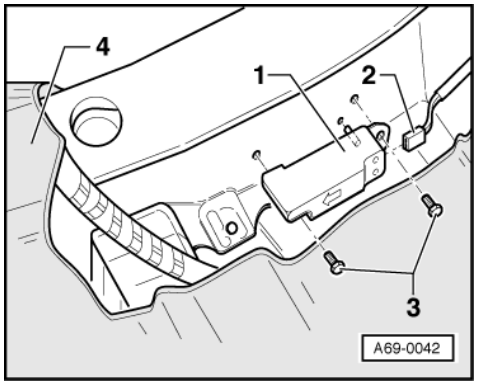
Sensor for lateral acceleration sensor is the same on left and right.

When installing, arrow faces outwards.

- Removing:

- Disconnect battery earthing strap/cable.
- Remove front seat => Page 208
- Remove lower A-pillar trim => Page 175
- Unclip sill panel trim on inside and fold up.
- Lift floor covering -4- in area of sensor.

- Unplug connector -2- from lateral acceleration sensor -1-.



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

- Installing:

- Switch ignition on.
- Close doors.

Important Ensure there is no-one inside the vehicle.

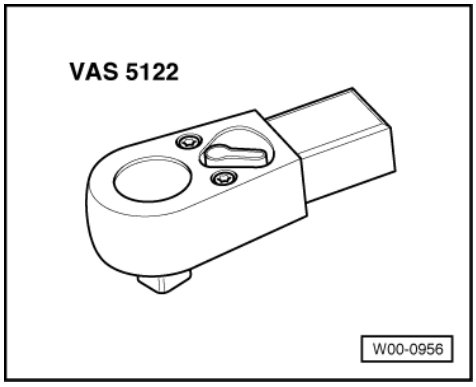
- Connect battery earthing strap.

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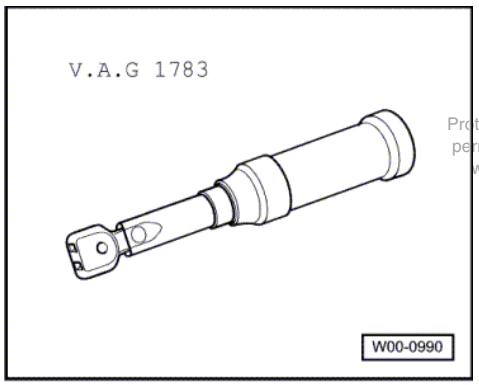
8 - Repairing head airbag

8.1 - Repairing head airbag

Special tools, testers and auxiliary items required



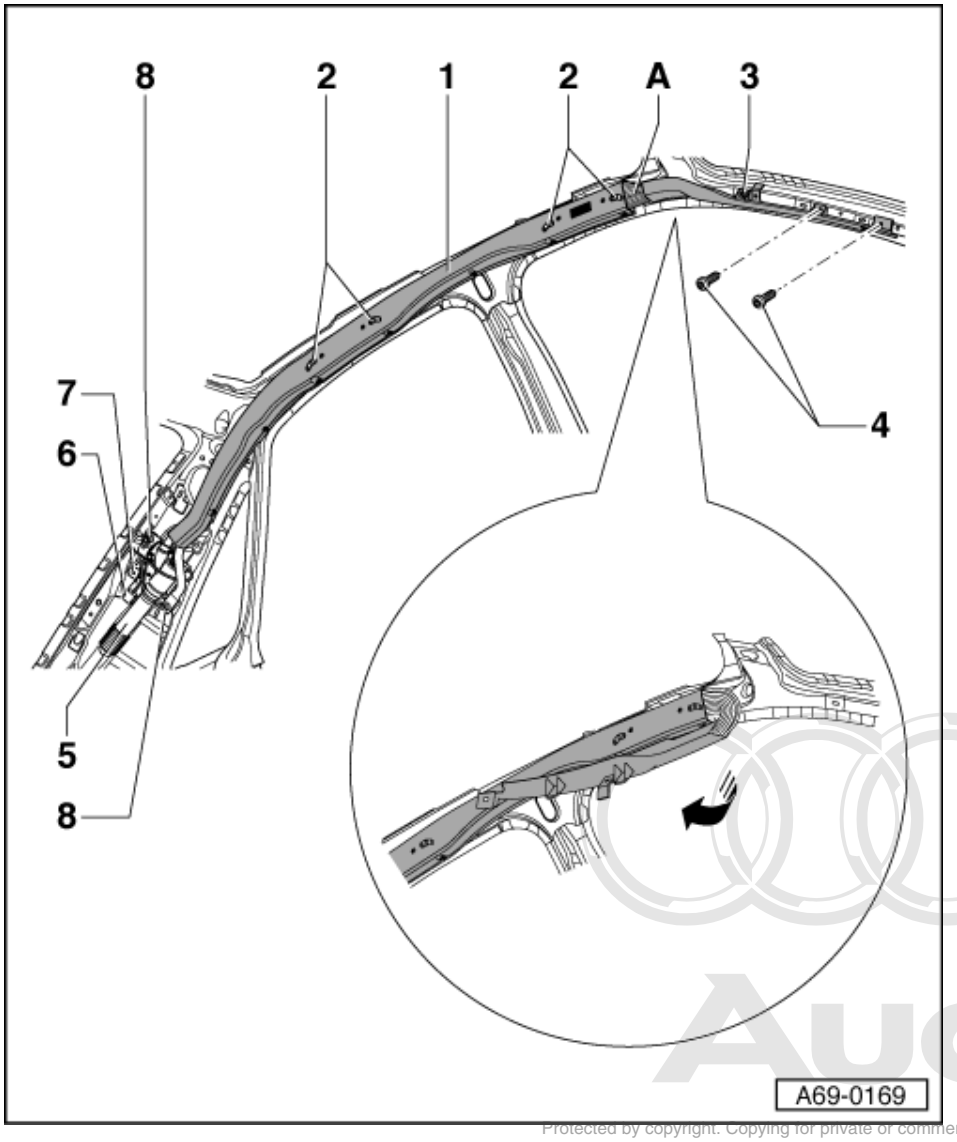
- VAS 5122



- V.A.G 1783

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8.2 - Removing and installing head airbag - Saloon

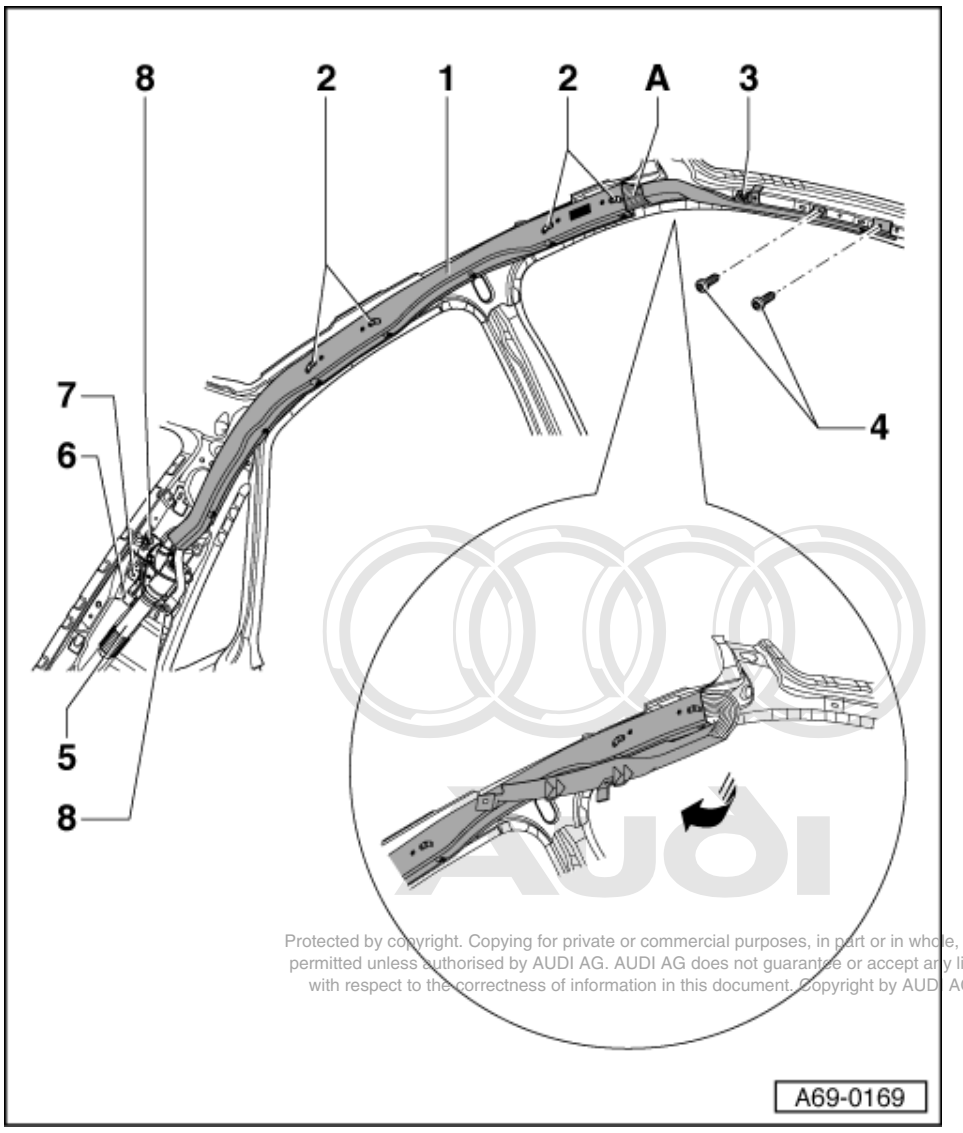


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Important=>

1 Head airbag

- Removing
  - Remove upper A-pillar trim => Page 187
  - Removing upper B-pillar trim without removing seat belt => Page 191
  - Remove upper D-pillar trim => Page 198
  - Remove the moulded headliner and take the moulded headliner out of the vehicle => Page 154
  - Remove bolts -4- (2x).

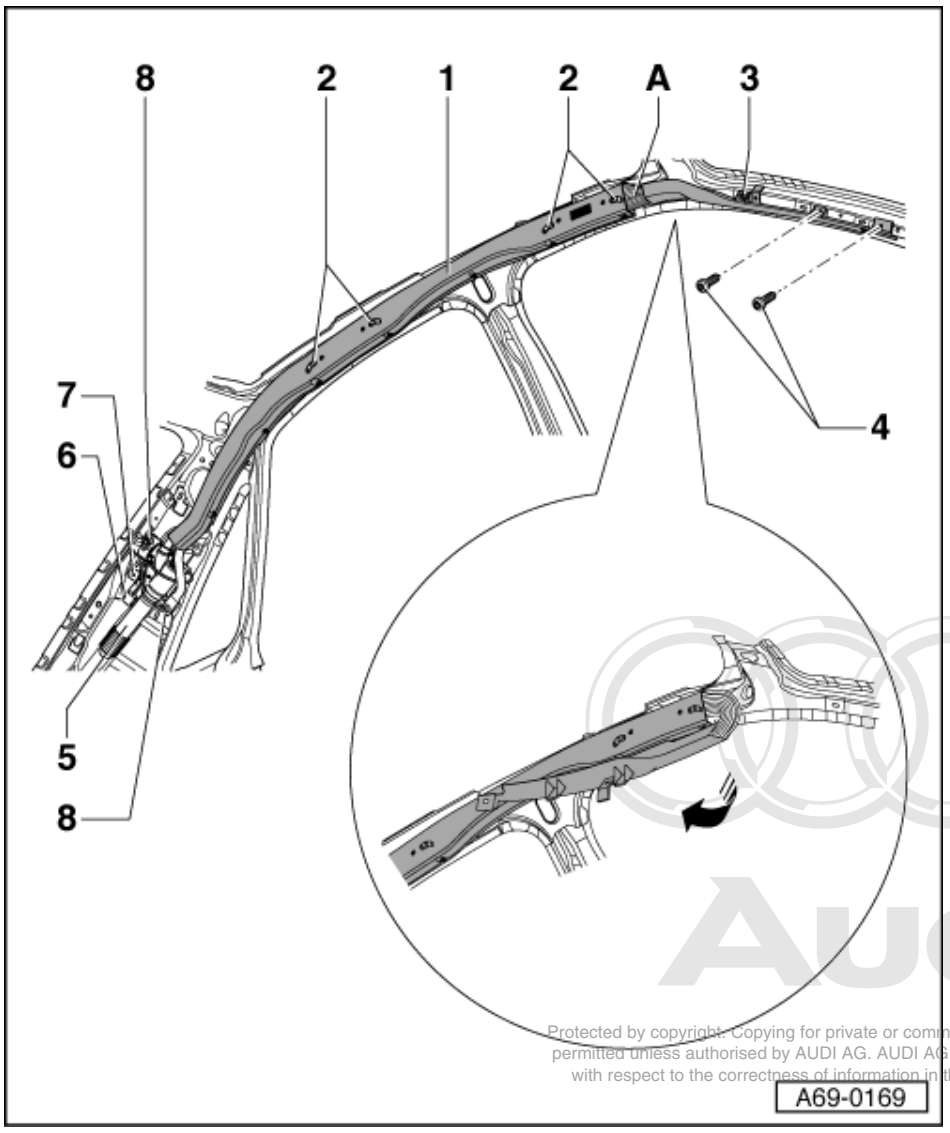


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- Unclip head airbag at clip -3-.
- Fold front part of head airbag backwards and attach to Velcro fastening (magnified view).
- Detach connector for head airbag => Fig.: 2
- Remove bolts -8- (2x).
- Remove gas generator-5- at clip -7-.
- Remove head airbag -1- at grab handles -2-.

Important
Always observe installation sequence of head airbag.

◆ Installing
- Secure head airbag with pre-retainer clips at grab handle adapters -2- (2x) => Fig.: 5
- Attach gas generator -5- at clip -7-.



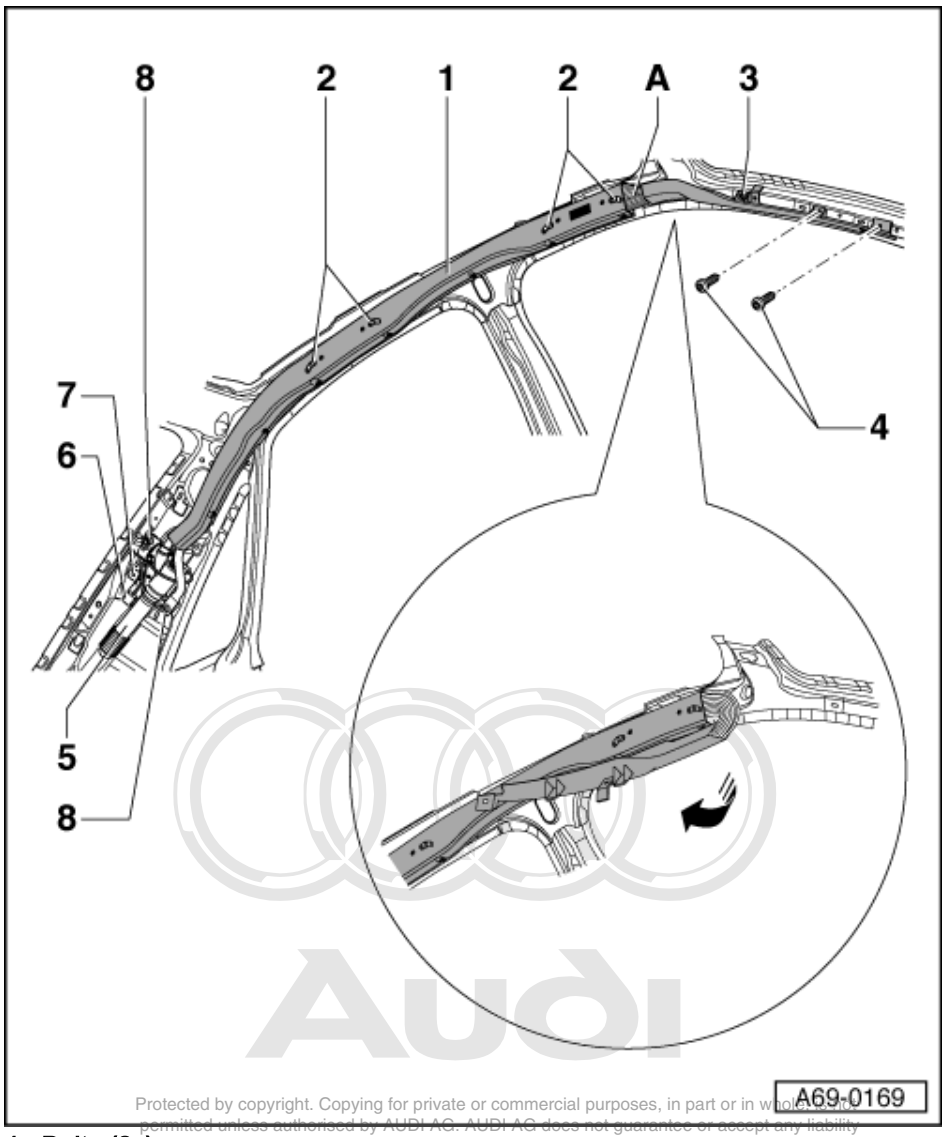
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- Screw in bolts -8- (2x) => Fig.: 1
- Detach front part of head airbag -1- and fold towards A-pillar; while doing this anti-twist seam -A- must point in direction of centre of vehicle.
- Attach head airbag with clip -3- => Fig.: 4
- Insert bolt -4- => 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
3 Clips



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4 Bolts (2x)
- Tightening torque 4 Nm
- Self-locking
- Replace
- Threaded bores for bolts must always be cleaned (e.g. with a thread tap).

5 Gas generator

6 Connector for head airbag

7 Clips

8 Bolts (2x)
- Tightening torque 4 Nm
- Self-locking
- Replace
- Threaded bores for bolts must always be cleaned (e.g. with a thread tap)
- Use VAS 5122 and V.A.G 1783

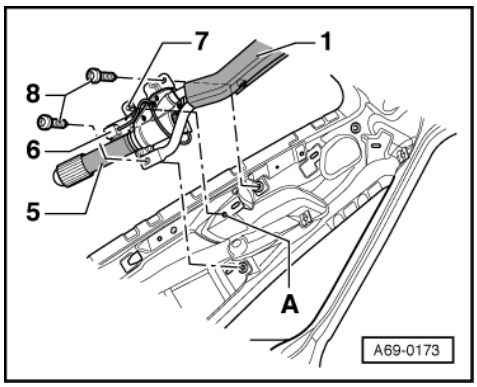


Fig.:1 Gas generator to D-pillar

- -> Attach clip -7- to retainer -A-.
- Screw in bolts -8-.
- Tightening torque 4 Nm

◆ Use VAS 5122 and V.A.G 1783

1 - Head airbag
5 - Gas generator
6 - Airbag connector
7 - Clip

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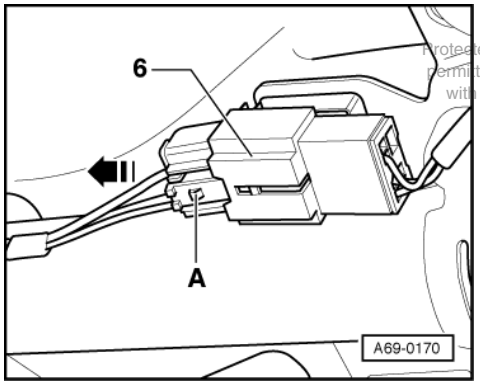


Fig.:2 Detaching connector for head airbag

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

6 - Connector for head airbag

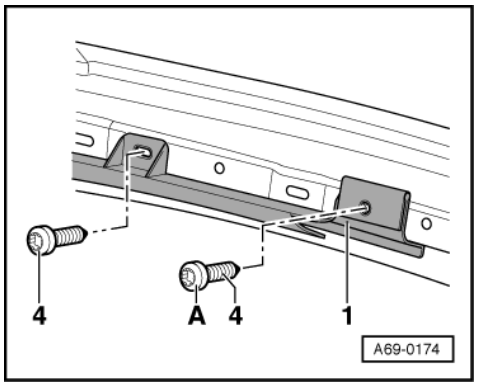


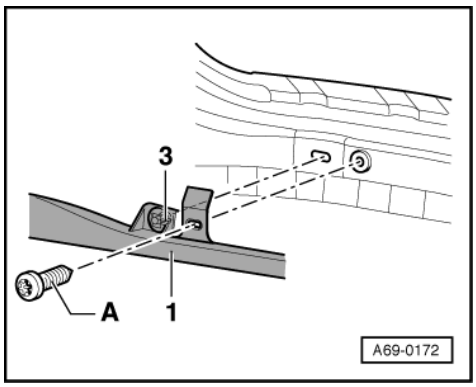
Fig.:3 Head airbag to lower A-pillar

- -> First bolt in lower bolt -A-.

1 - Head airbag
4 - Bolts (2x)

- Tightening torque 4 Nm

Fig.:4 Head airbag to upper A-pillar

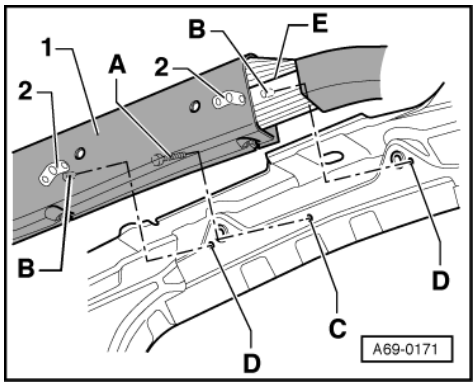


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- -> Attach -3- clip.
- Connect bolt -A- to A-pillar trim.

1 - Head airbag
3 - Clip

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.

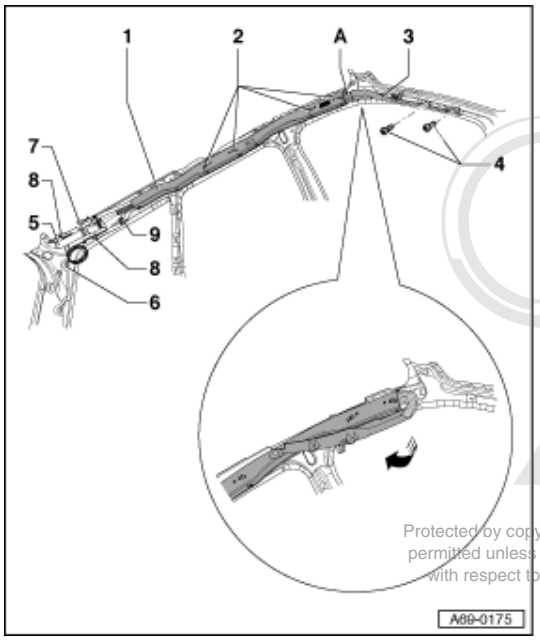
1 - Head airbag
2 - Adapter for grab handle

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; Self-diagnosis of airbag system BTU (Basic Triggering Unit) with side airbag Self-diagnosis of airbag system BTU (Basic Triggering Unit) with side airbag

8.3 - Removing and installing head airbag - Avant

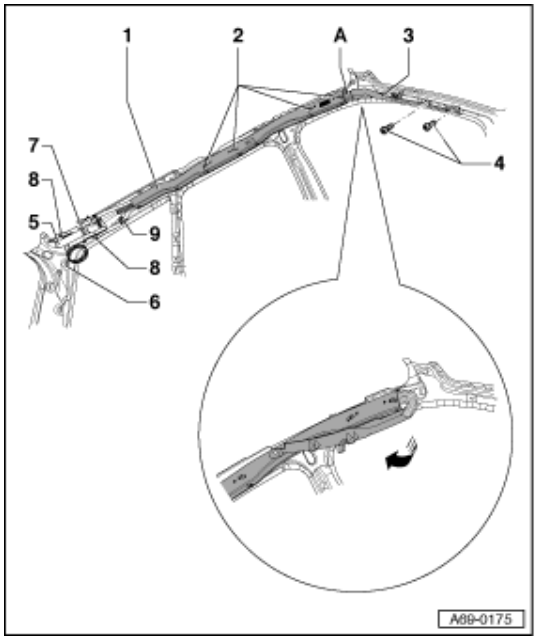


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Important=>

1 Head airbag

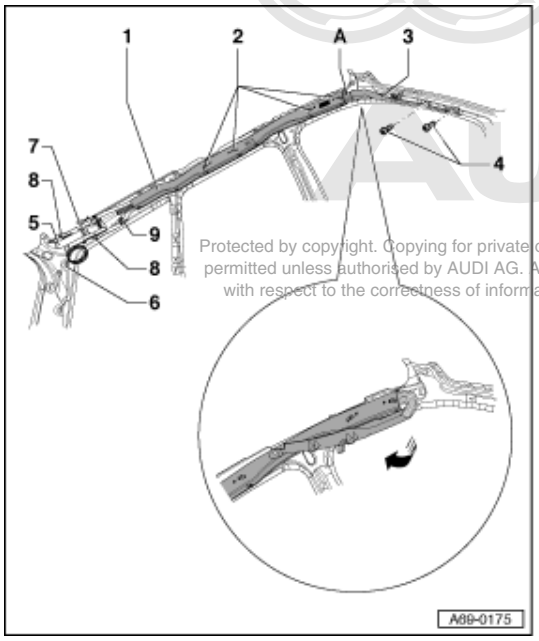
- Removing
  - Remove upper A-pillar trim => Page 187
  - Removing upper B-pillar trim without removing seat belt => Page 191
  - Remove upper C-pillar trim => Page 205
  - Remove upper D-pillar trim => Page 205
  - Remove the moulded headliner and remove the moulded headliner from the vehicle => Page 164



- Remove bolts -4- (2x).
- Unclip head airbag at clip -3-.
- Fold front part of head airbag backwards and attach to Velcro fastening (magnified view).

Important
Never detach connector (2-pin, yellow) at head airbag unit!

- Separate connection for head airbag behind side trim => Fig.: 2
- Detach cable from D-pillar.
- Remove bolts -8- (2x).

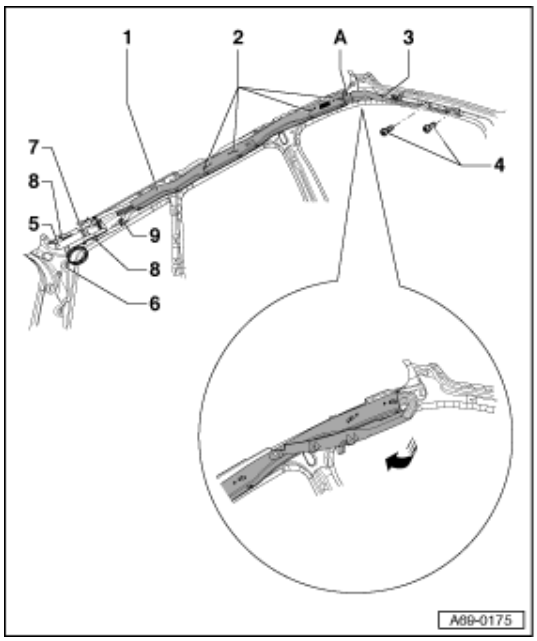


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- Remove gas generator-5- at clip -9-.
- Detach bracket -7-.
- Remove head airbag -1- at grab handles -2-.

Important
Always observe installation sequence of head airbag.

◆ Installing
- Secure head airbag with pre-retainer clips at grab handle adapters -2- (2x) => Fig.: 5
- Screw in bolts -8- (2x) => Fig.: 1
- 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.



- Attach head airbag with clip -3- => Fig.: 4
- Insert bolt -4- => 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.

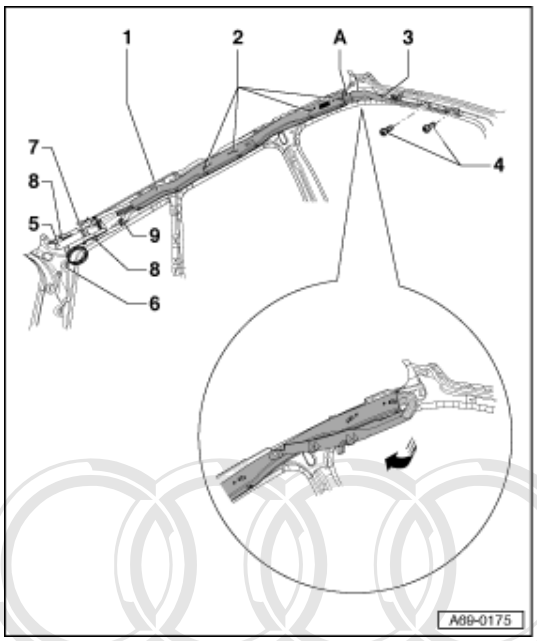
2 Grab handle adapter

3 Clips

4 Bolts (2x)

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

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5 Gas generator
6 Connector for head airbag
7 Bracket
8 Bolts (2x)
- Tightening torque 4 Nm
◆ Self-locking
◆ Replace
◆ Threaded bores for bolts must always be cleaned (e.g. with a thread tap)
◆ Use VAS 5122 and V.A.G 1783
9 Clips

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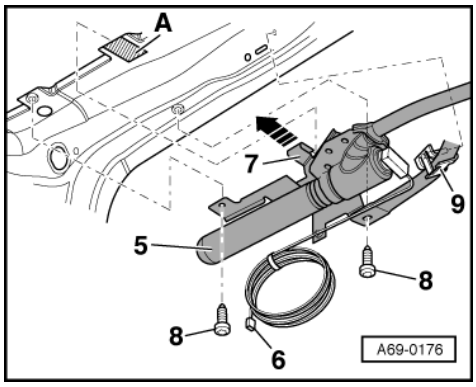


Fig.:1 Gas generator to D-pillar

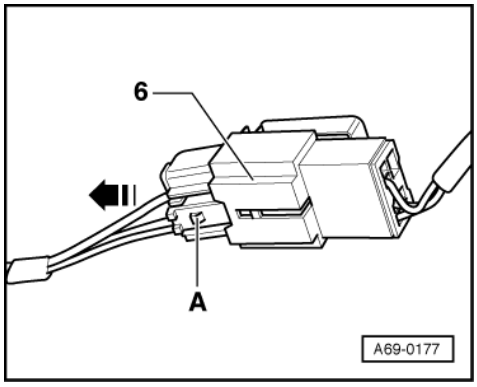
- -> Unscrew bolts -8-.
- Pull off airbag module in direction of arrow.
- Cable is rolled up on delivery.

5 - Gas generator
6 - Connector
7 - Bracket
8 - Bolts (2x)

◆ Use VAS 5122 and V.A.G 1783

- Tightening torque 4 Nm

9 - Clip



A - Felt

Fig.:2 Detaching connector for head airbag

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

6 - Connector for head airbag

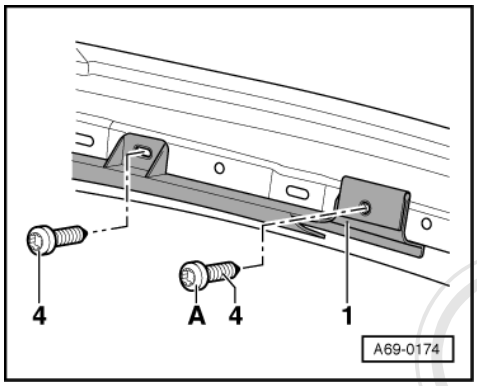


Fig.:3 Head airbag to lower A-pillar

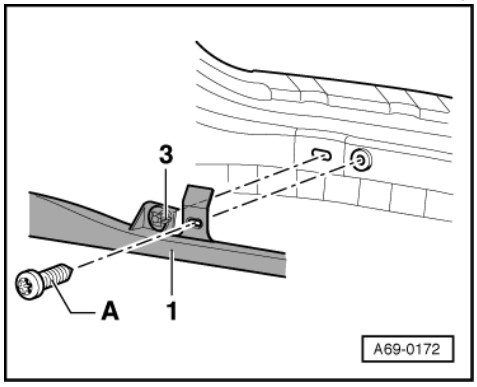
- -> First bolt in lower bolt -A-.

1 - Head airbag
4 - Bolts (2x)

- Tightening torque 4 Nm

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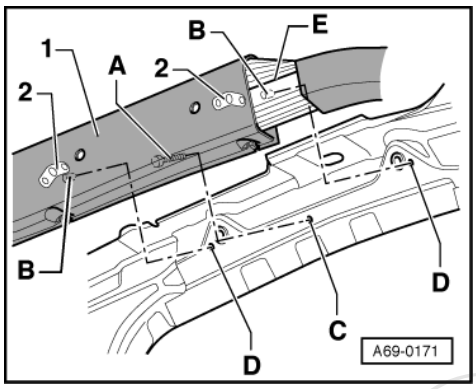
Fig.:4 Head airbag to upper A-pillar



- -> Attach -3- clip.
- Connect bolt -A- to A-pillar trim.

1 - Head airbag
3 - Clip

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

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.

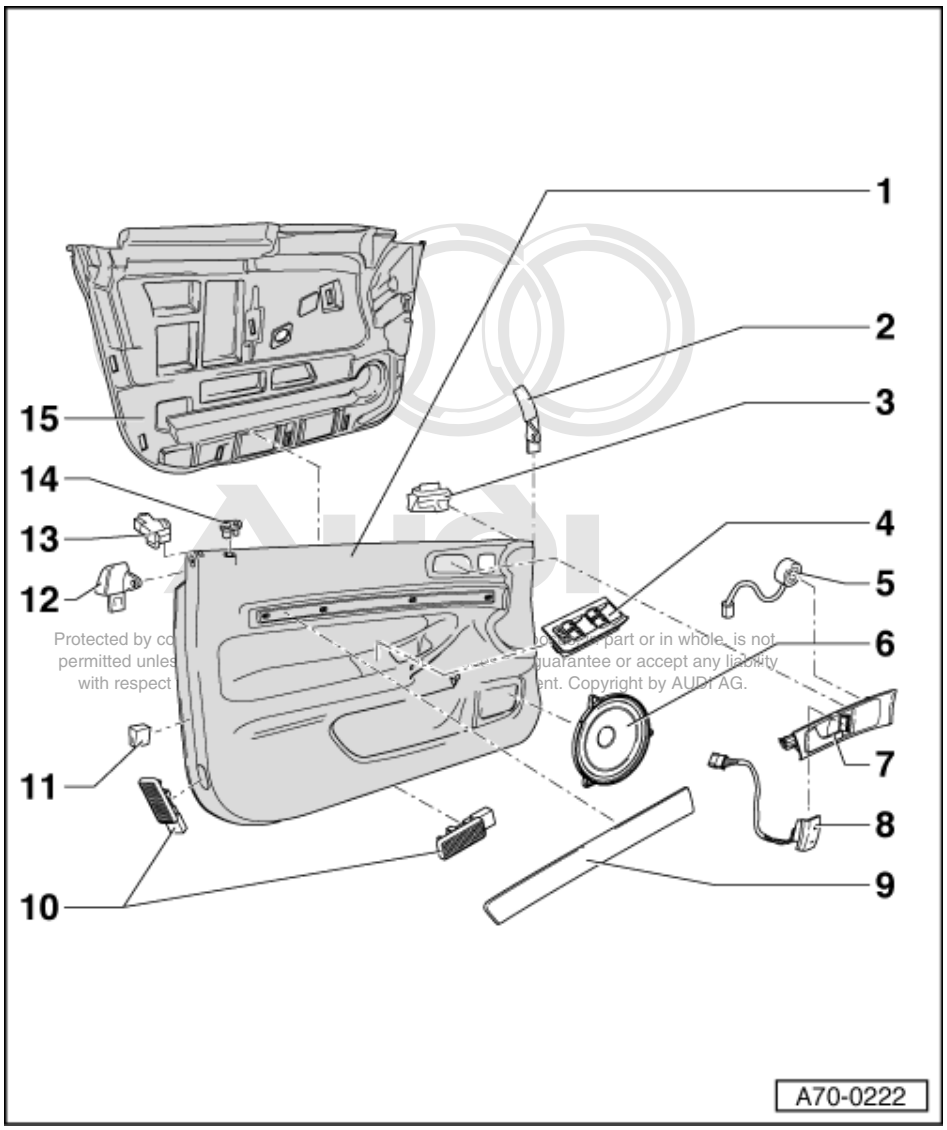
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=> Body, Self-diagnosis; Repair group 01; Self-diagnosis of airbag system BTU (Basic Triggering Unit) with side airbag Self-diagnosis of airbag system BTU (Basic Triggering Unit) with side airbag

70 - Trim/Insulation

1 - Front door trims

1.1 - Front door trims

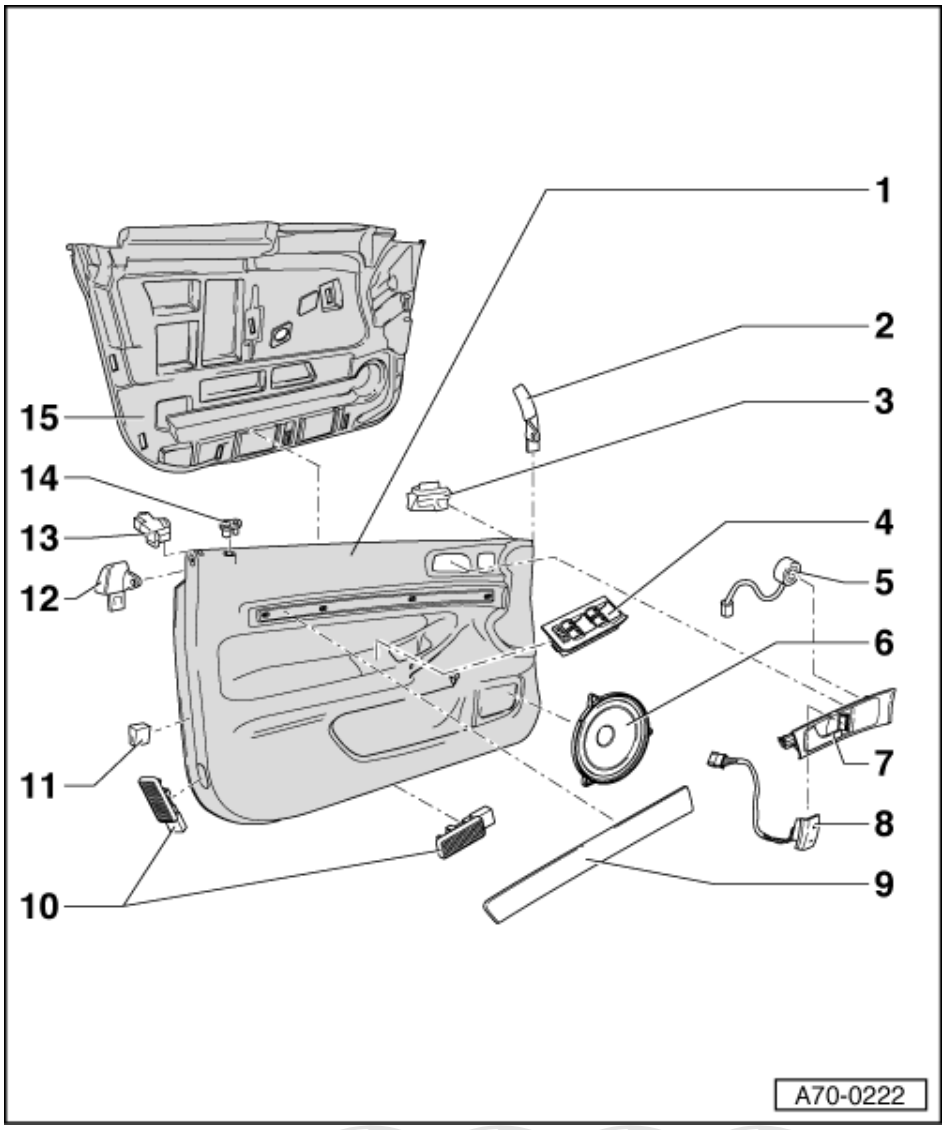


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1.2 - Fitting locations - Exploded view

1 Removing door trim => Page 118
2 Outer transition piece
3 Outer liner
4 Window lifter switch unit
- Driver's side =>Page 120
- Passenger's side =>Page 121

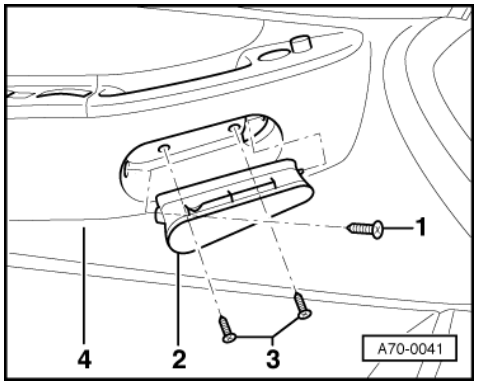
5 Removing treble loudspeaker =>Page 124
6 Removing loudspeaker => Page 123



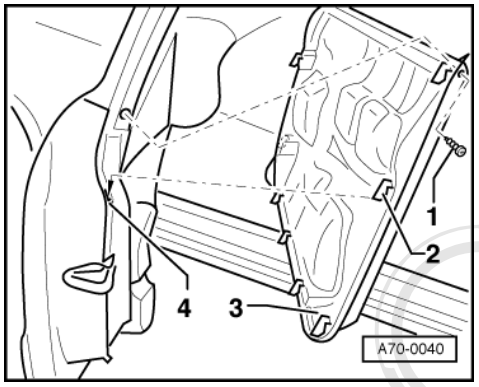
7 Removing interior door handle => Page 125
8 Removing central locking switch (driver's side only) =>Page 123
9 Removing trim panel => Page 124
10 Window crank => Page 119
11 Locating-hook spacer
12 Inner transition piece
13 Inner liner
14 Button guide
15 Insulation => Page 119

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1.3 - Removing and installing front door trim



- -> Unscrew bolt -1-. Tightening torque 1.5 Nm.
- Remove grip moulding -2- downwards from door trim -4-.
- Remove bolts -3- (2x). Tightening torque 2.5 Nm.
- Vehicles with window crank =>Page 119

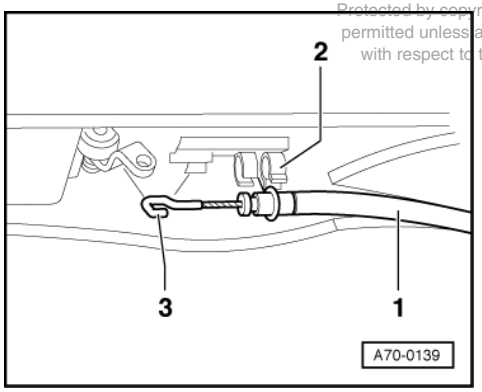


- -> Remove bolt -1- (2x). Tightening torque 1.5 Nm.
- Lift door trim -3- out of door shell.
- Spacers -4- for engaging hooks -2- (7x) must have been clipped in for installation.

Note:

Bowden cable for inside door mechanism and connectors are not to be detached until door trim -3- has been taken out.

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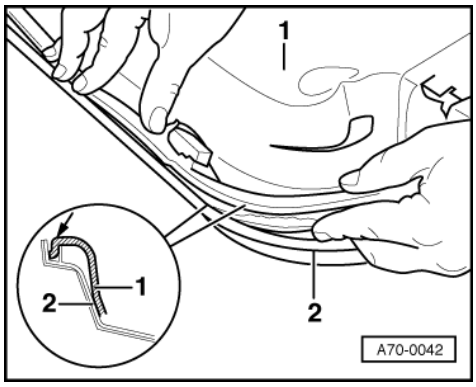
- -> Extract Bowden cable -1- from guide -2- and detach.

Note:

When installing, ensure hook -3- is facing upwards.

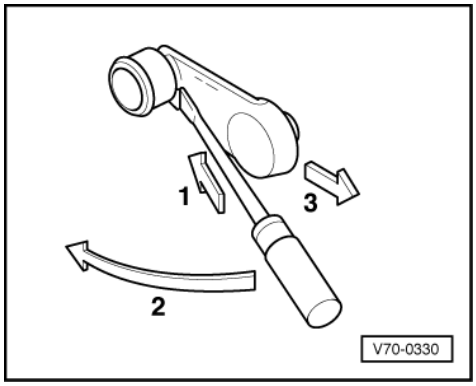
- Detach electrical connectors.

1.4 - Removing and installing front door trim insulation

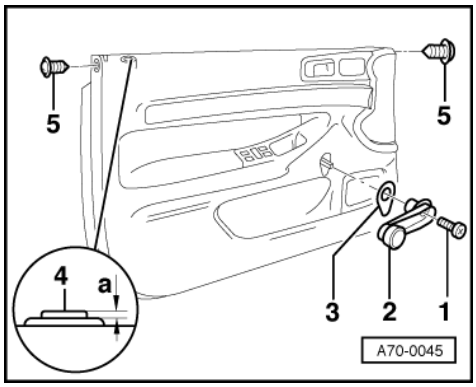


- -> Insulation -1- must run all around inside of door trim -2-.
- When removing or installing insulation -1- ensure insulation is not damaged when fitting it over locating hooks or connectors.

Removing and installing front window crank



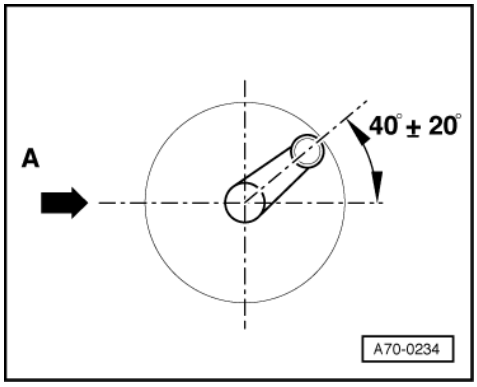
- -> Press in flat side of flat screwdriver in direction of arrow -1-.
- Move flat screwdriver in direction of arrow -2-.
- Pull off trim in direction of arrow -3-.



- -> Unscrew bolt -1-. Tightening torque 2.5 Nm.
- Detach window crank -2- and spacer -3-.

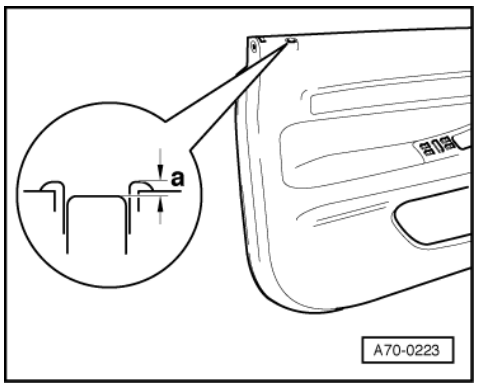
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Assembly position, front door window crank



- -> Illustration shows left-hand window crank (mirror image on right).
- Direction of travel -A-.
- Assembly position -a- with window closed.

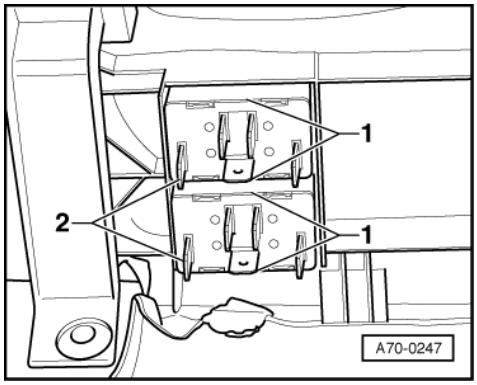
1.5 - Adjusting release button



- -> When locked, locking knob must not protrude (dimension -a- 0 to 2 mm down).

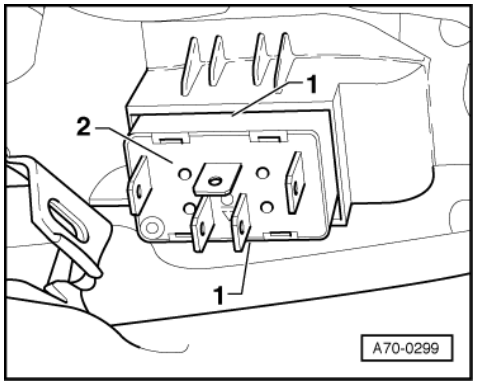
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1.6 - Removing and installing driver's window lifter switch



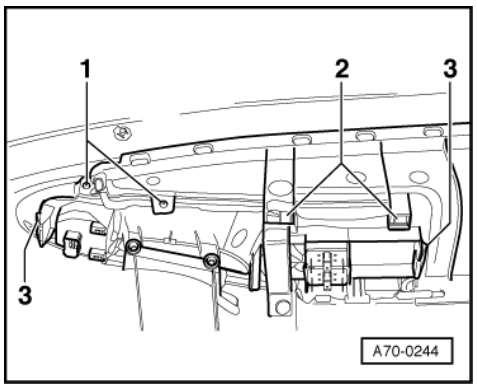
- Remove door trim => Page 118
- Remove insulation => Page 119
- Remove sealing mat =>Page 122
- -> Use screwdriver to lever out retainer tabs -1-.
- Remove window lifter switches -2-.

1.7 - Removing and installing passenger's window lifter switch



- Remove door trim => Page 118
- Remove insulation => Page 119
- -> Use screwdriver to lever out retainer tabs -1-.
- Remove window lifter switches -2-.

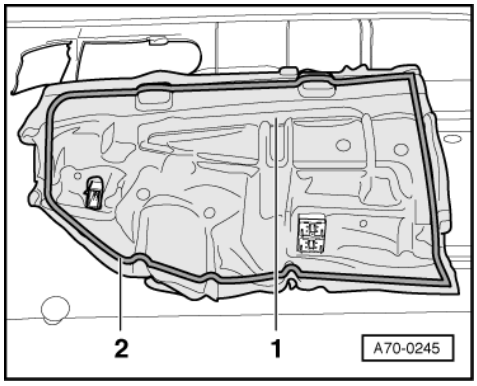
1.8 - Removing and installing top part of recessed handle moulding with window lifter switch unit and mirror adjuster switch



- Remove door trim => Page 118
- Remove insulation => Page 119
- Remove sealing mat =>Page 122
- -> Remove bolt -1- (2x). Tightening torque 1.5 Nm.
- Release engaging hooks -2- (2x) and fasteners -3- (2x).
- Remove top part of recessed handle moulding to front.

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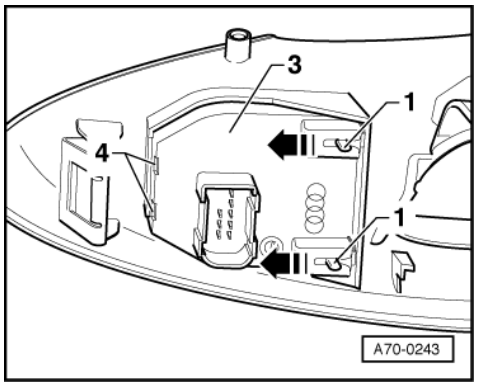
1.9 - Removing sealing mat



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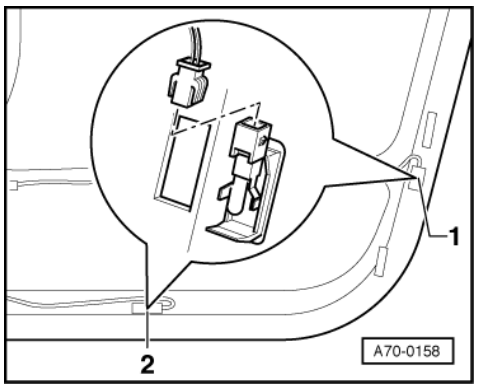
- Remove door trim => Page 118
- Remove insulation => Page 119
- -> On installation press on sealing mat -1- in area of adhesive bead -2-.
- Press plug-in contacts for electric window lifters through sealing mat.

1.10 - Removing and installing mirror adjuster switch



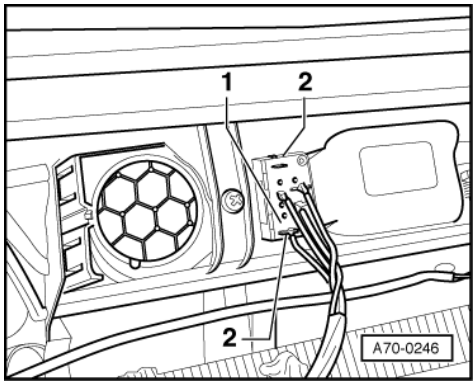
- Remove door trim => Page 118
- Remove top part of recessed handle moulding => Page 121
- -> Press pins -1- (2x) in direction of arrow.
- Lever out retaining lugs -2-.
- Remove mirror adjuster switch -3-.

1.11 - Removing and installing door warning light and footwell light



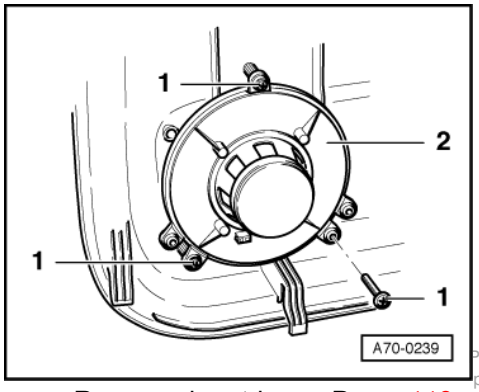
- -> Use screwdriver to lever out door warning light -1- from below and pull out with cable.
- Disconnect door warning light -1-.
- Use screwdriver to lever out footwell light -2- from front and pull out with cable.
- Unplug connector of footwell light -2-.

1.12 - Removing central locking switch



- -> Remove door trim => Page 118
- Removing insulation => Page 119
- Use screwdriver to press engaging hooks (2x) and remove central locking switch to rear.

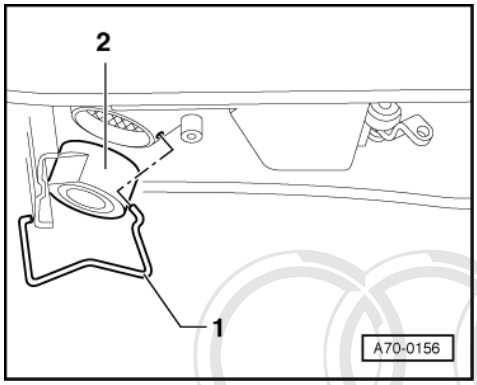
1.13 - Removing bass speaker



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- -> Remove door trim => Page 118
- Remove insulation => Page 119
- Unscrew bolt -1- (3x). Tightening torque 1.5 Nm.
- Remove bass speaker -2-.

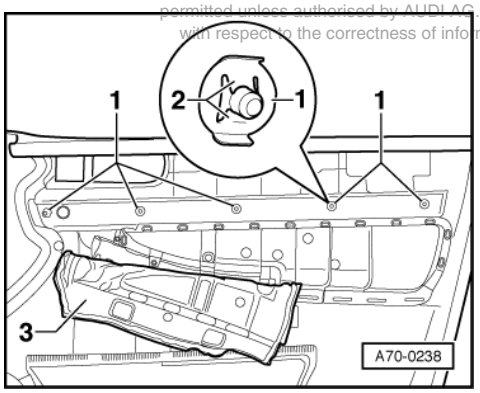
1.14 - Removing and installing treble loudspeaker



- Remove door trim => Page 118
- Remove insulation => Page 119
- Detach wiring harness to bass speaker from door trim.
- Remove inside door mechanism => Page 125
- -> Use screwdriver to detach clip -1-.
- Remove treble loudspeaker -2-.

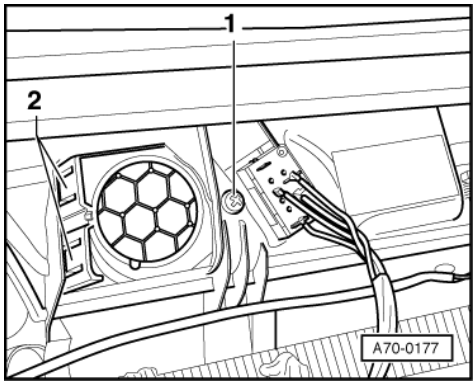
1.15 - Removing trim panel in door trim

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- Remove door trim => Page 118
- Remove insulation => Page 119
- -> Fold down sealing mat -3- in area of trim panel.
- Carefully bend open tabs -2- at fasteners -1-.
- Remove trim panel.

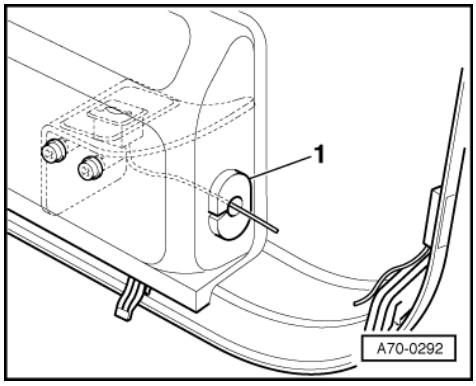
1.16 - Removing interior door handle



- Remove door trim => Page 118
- Remove treble loudspeaker => Page 124
- Remove central locking switch (driver's side only) =>Page 123
- -> Unscrew bolt -1-.
- Press retaining tabs -2- (2x) and remove inside door mechanism towards front.

1.17 - Removing bracket and switch for tailgate release

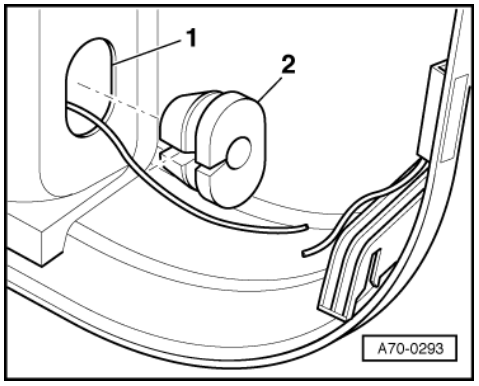
- Remove door trim => Page 118
- -> Remove screws -2- (2x).
- Pull out console -5- slightly.
- Detach connector to switch -1-.
- Press out trim panel -4- with switch -1-.



- -> Remove grommet -1-.

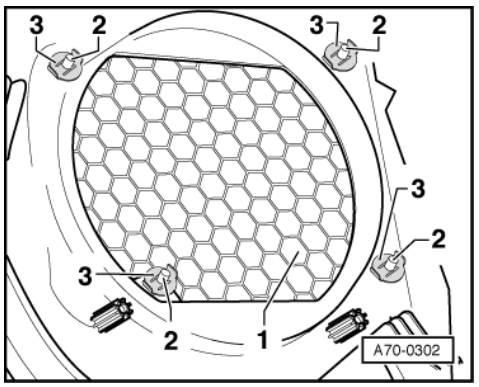
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1.18 - Cutting out door trim for tailgate release switch



- The area -1- to be cut out is premarked on the door trim.
- -> Use workshop equipment to cut out appropriate area.
- Fit grommet -2-.

1.19 - Replacing speaker trim (standard, Bose)

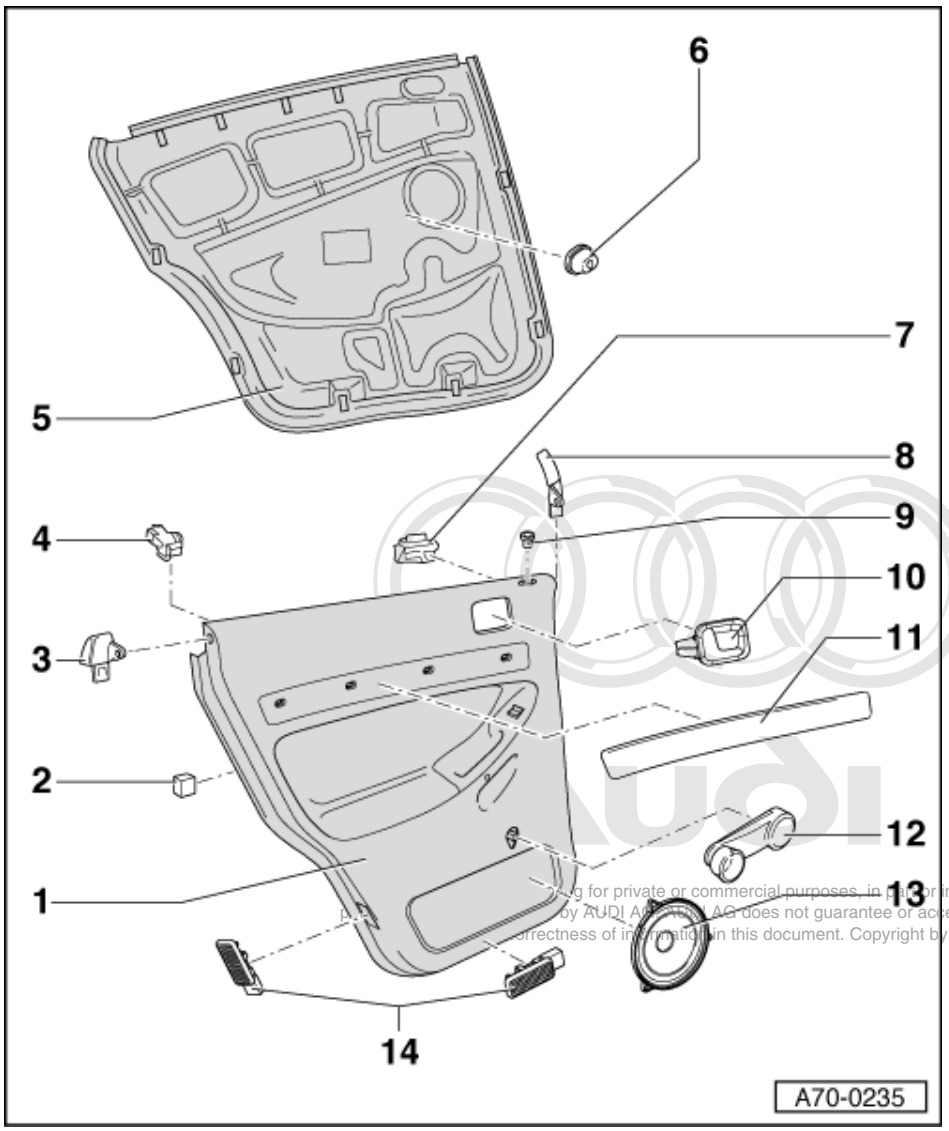


- -> Drill out old speaker trim -1- at -2- (4x).
- Insert speaker trim -1- from front and attach speaker trim -1- with fasteners -3- (4x).

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2 - Rear door trims

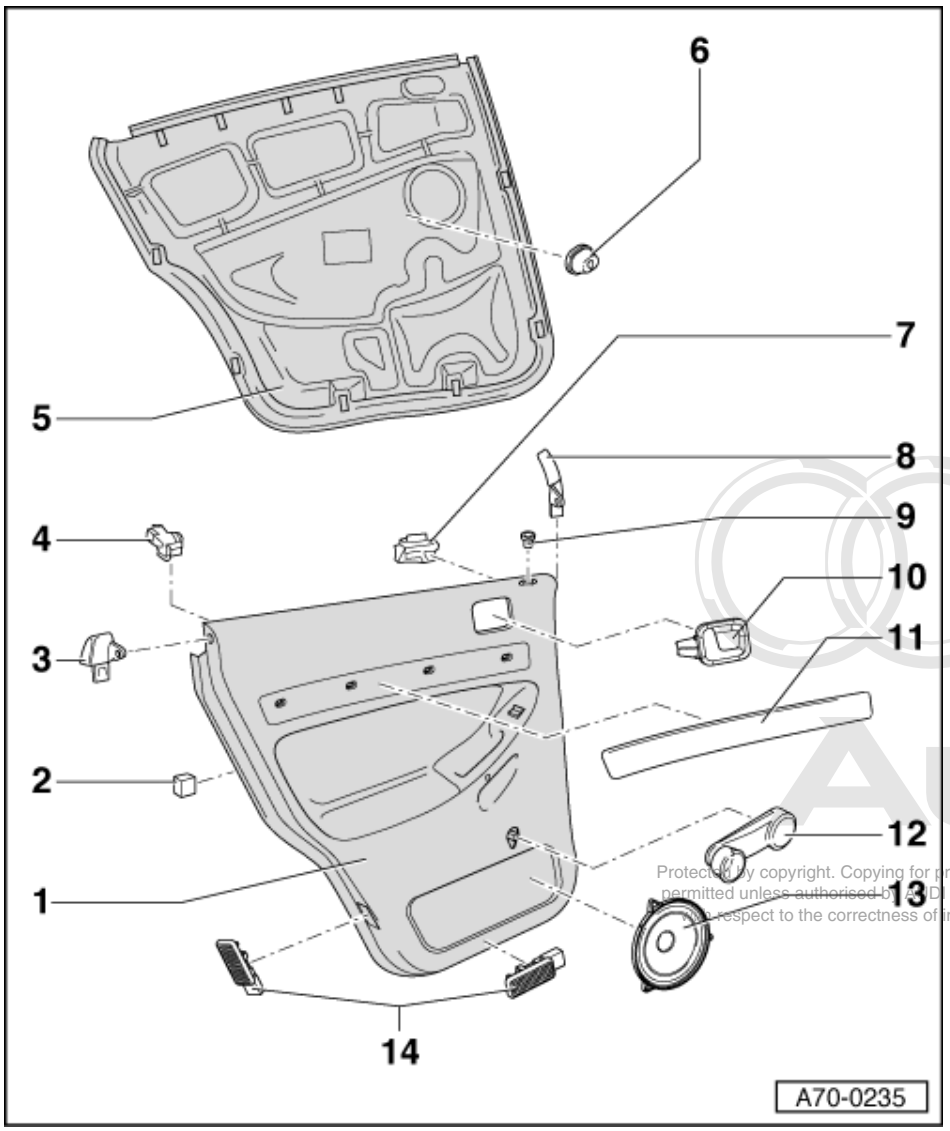
2.1 - Rear door trims



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2.2 - Fitting locations - Exploded view

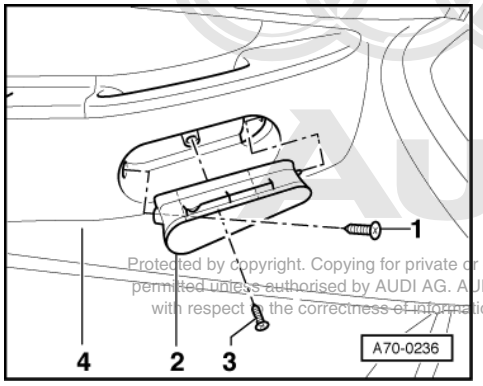
1 Removing door trim => Page 129
2 Locating-hook spacer
3 Outer transition piece
4 Outer liner
5 Insulation => Page 134
6 Sealing foam
7 Inner liner
8 Inner transition piece
9 Button guide



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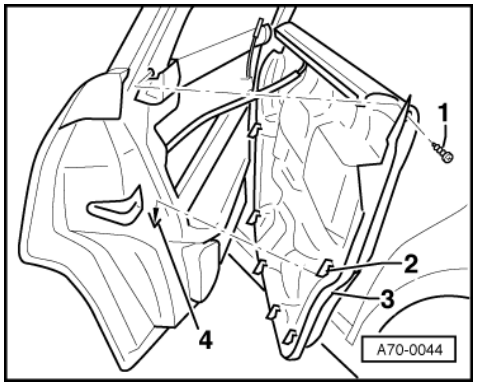
10 Removing interior door handle => Page 130
11 Removing trim panel => Page 134
12 Removing window crank => Page 130
13 Removing loudspeaker => Page 123
14 Removing door warning light =>Page 132

2.3 - Removing and installing rear door trim



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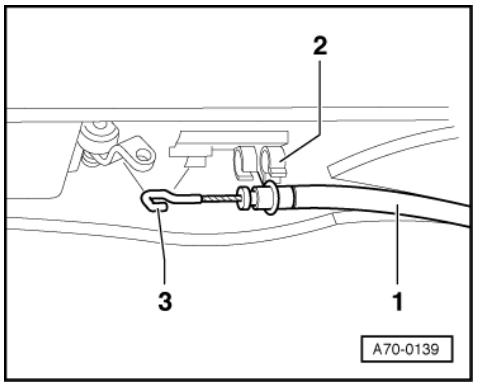
- -> Unscrew bolt -1-. Tightening torque 1.5 Nm.
- Remove grip moulding -2- downwards from door trim -4-.
- Unscrew bolt - 3- (1x). Tightening torque 2.5 Nm.
- Vehicles with window crank =>Page 130



- -> Remove bolt -1- (2x). Tightening torque 1.5 Nm.
- Lift door trim -3- out of door shell.
- Spacers -4- for engaging hooks -2- (7x) must have been clipped in completely for installation.

Note:

Bowden cable for inside door mechanism and connectors are not to be detached until door trim -3- has been taken out.



- -> Pull out Bowden cable -1- from guide -2- and detach.

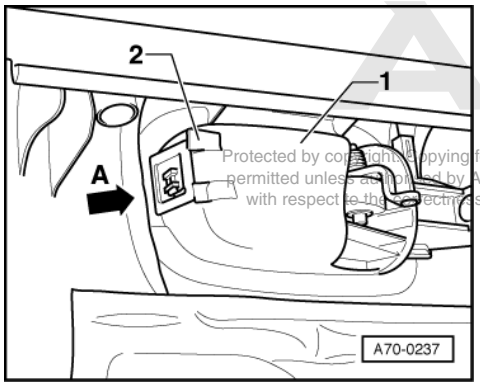
Note:

When installing, ensure hook -3- is facing upwards.

- Unplug connectors.

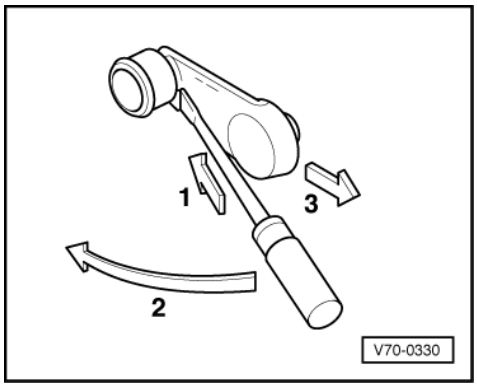
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2.4 - Removing interior door handle

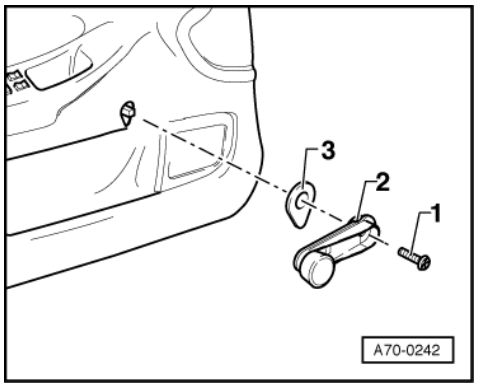


- Remove door trim => Page 129
- -> Press spring -2- in direction of arrow -A- and remove inside door mechanism -1- to front.

Removing and installing rear window crank



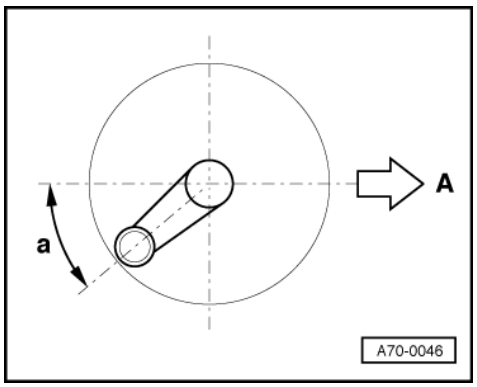
- -> Press in flat side of flat screwdriver in direction of arrow -1-.
- Move flat screwdriver in direction of arrow -2-.
- Pull off trim in direction of arrow -3-.



- -> Unscrew bolt -1-. Tightening torque 2.5 Nm.

- Detach window cranks -2- and spacer -3-.

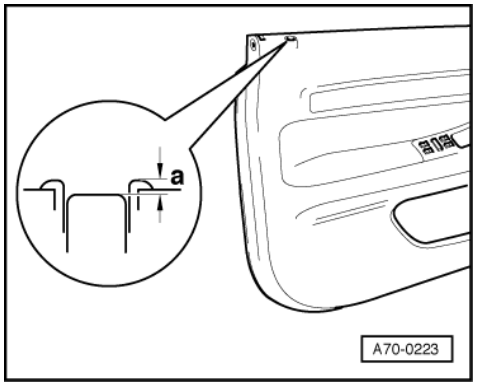
Assembly position, rear door window crank



- -> Illustration shows left-hand window crank (mirror image on right).
- Direction of travel -A-.
- Assembly position -a-. with window closed sloping 30° ± 20° to rear.

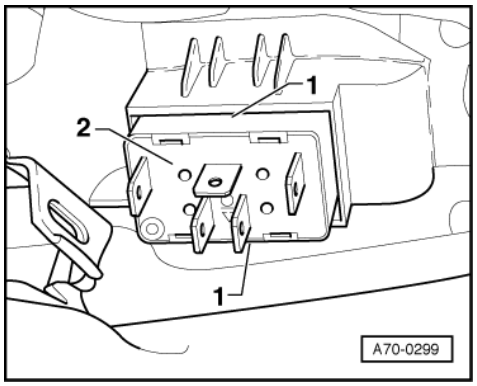
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2.5 - Adjusting release button



- -> When locked, locking knob must not protrude (dimension -a- 0 to 2 mm down).

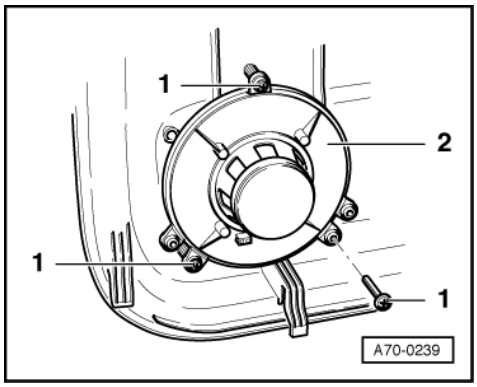
2.6 - Removing and installing window lifter switch



- Remove door trim => Page 118
- Remove insulation => Page 119
- -> Use screwdriver to lever out retainer tabs -1-.

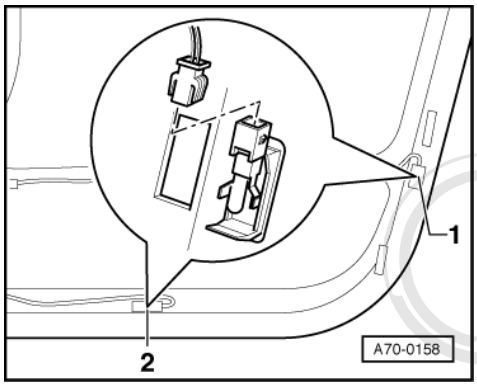
- Remove window lifter switches -2-.

2.7 - Removing bass speaker



- Remove door trim => Page 129
- Remove insulation => Page 134
- -> Remove bolt -1- (3x). Tightening torque 1.5 Nm.
- Remove bass speaker -2-.

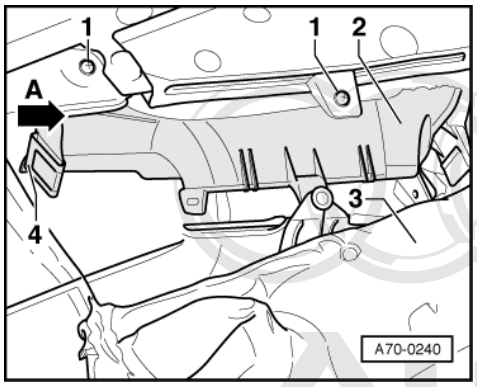
2.8 - Removing and installing door warning light and footwell light



- -> 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-.

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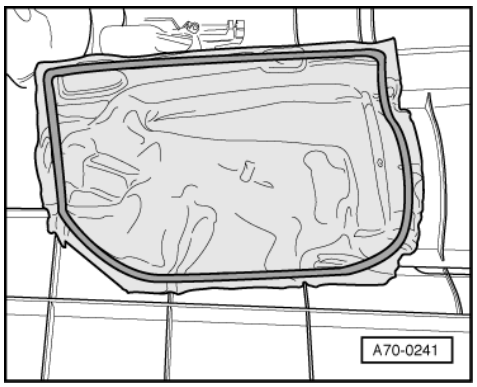
2.9 - Removing and installing top part of recessed handle moulding with window lifter switch unit



- Remove door trim => Page 129
- Remove insulation => Page 134
- Fold down sealing mat -3- in area of trim panel.
- -> Remove bolt -1- (2x). Tightening torque 1.5 Nm.
- Press spring -4- on either side of direction of arrow -A- and remove top part of recessed handle moulding -2-.

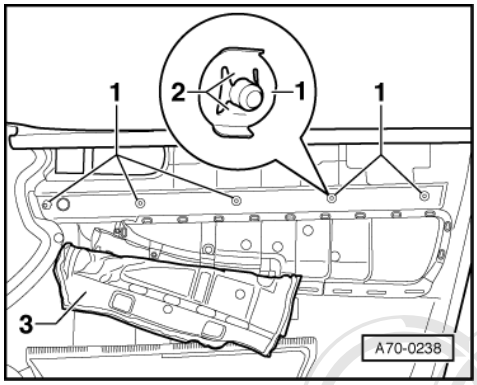
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2.10 - Removing sealing mat



- Remove door trim => Page 129
- Remove insulation => Page 134
- -> On installation press on sealing mat -1- in area of adhesive bead -2-.
- Press plug-in contacts for electric window lifters through sealing mat.

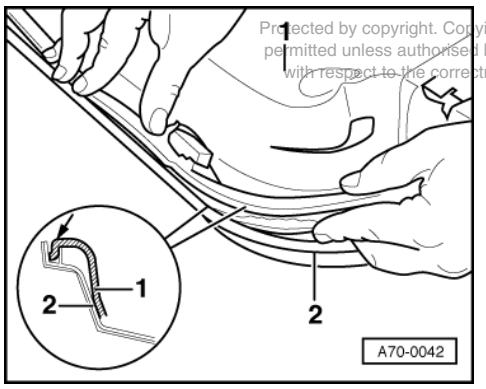
2.11 - Removing trim panel in door trim



- Remove door trim => Page 129
- Remove insulation => Page 134
- -> Fold down sealing mat -3- in area of trim panel.
- Carefully bend open tabs -2- at fasteners -1-.
- Remove trim panel.

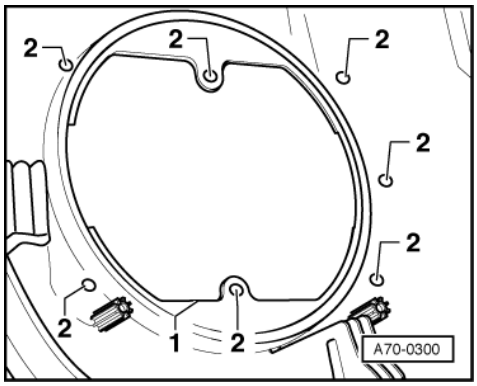
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2.12 - Removing and installing rear door trim insulation



- -> Insulation -1- must run all around inside of door trim -2-.
- When removing or installing insulation -1- ensure insulation is not damaged when fitting it over locating hooks or connectors.

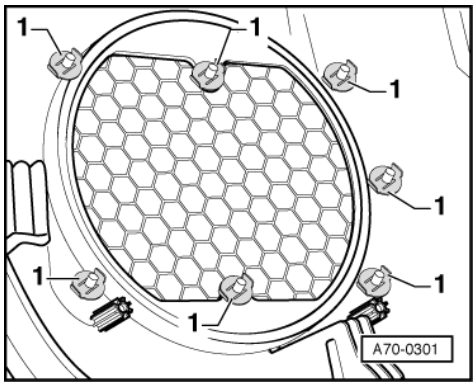
2.13 - Cutting out replacement door trim for speaker



- -> Use workshop equipment to cut out trim at embossment -1-.

- Use 5 mm drill bit to drill trim at -2- (7x). holes.

2.14 - Installing speaker trim

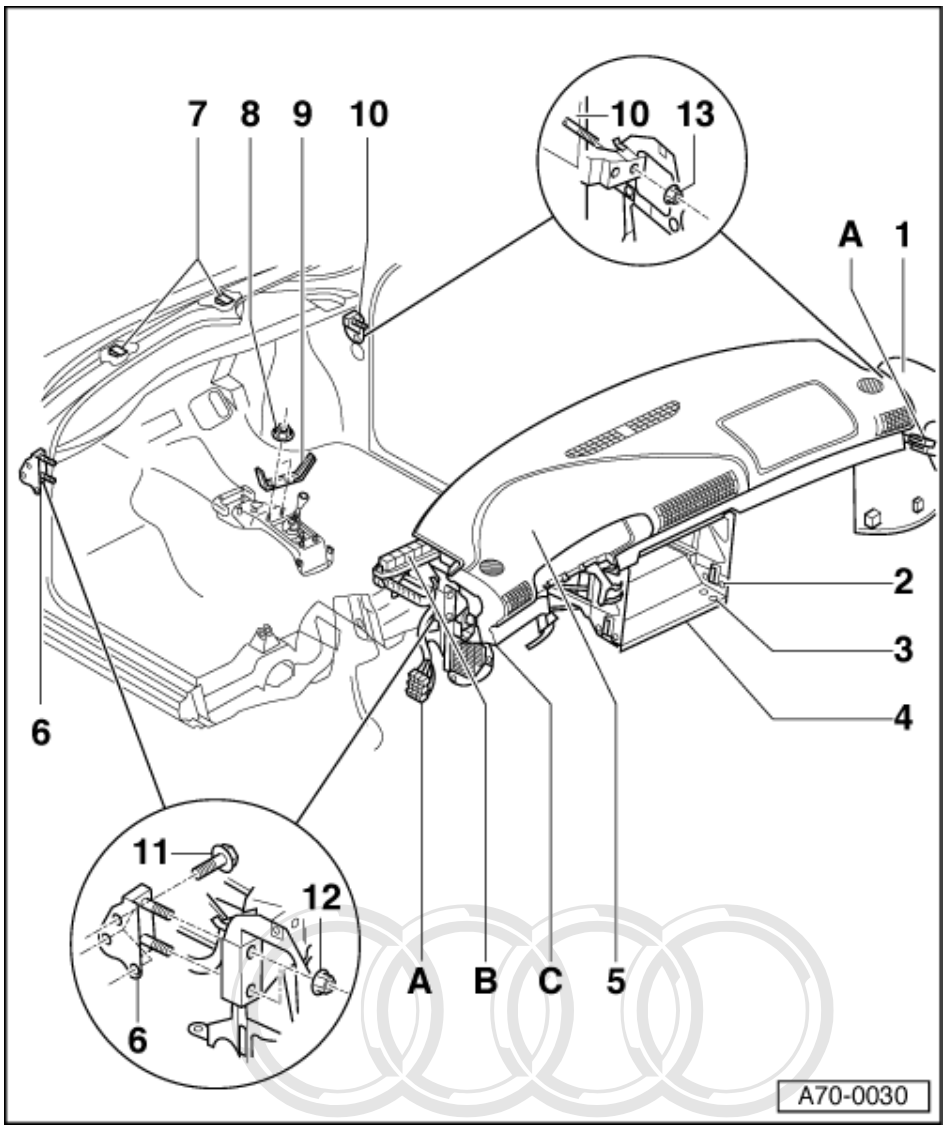


- -> Insert speaker trim from front and secure trim with fasteners -1- (7x).

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3 - Dash panel

3.1 - Dash panel



3.2 - Removing and installing dash panel with cross member

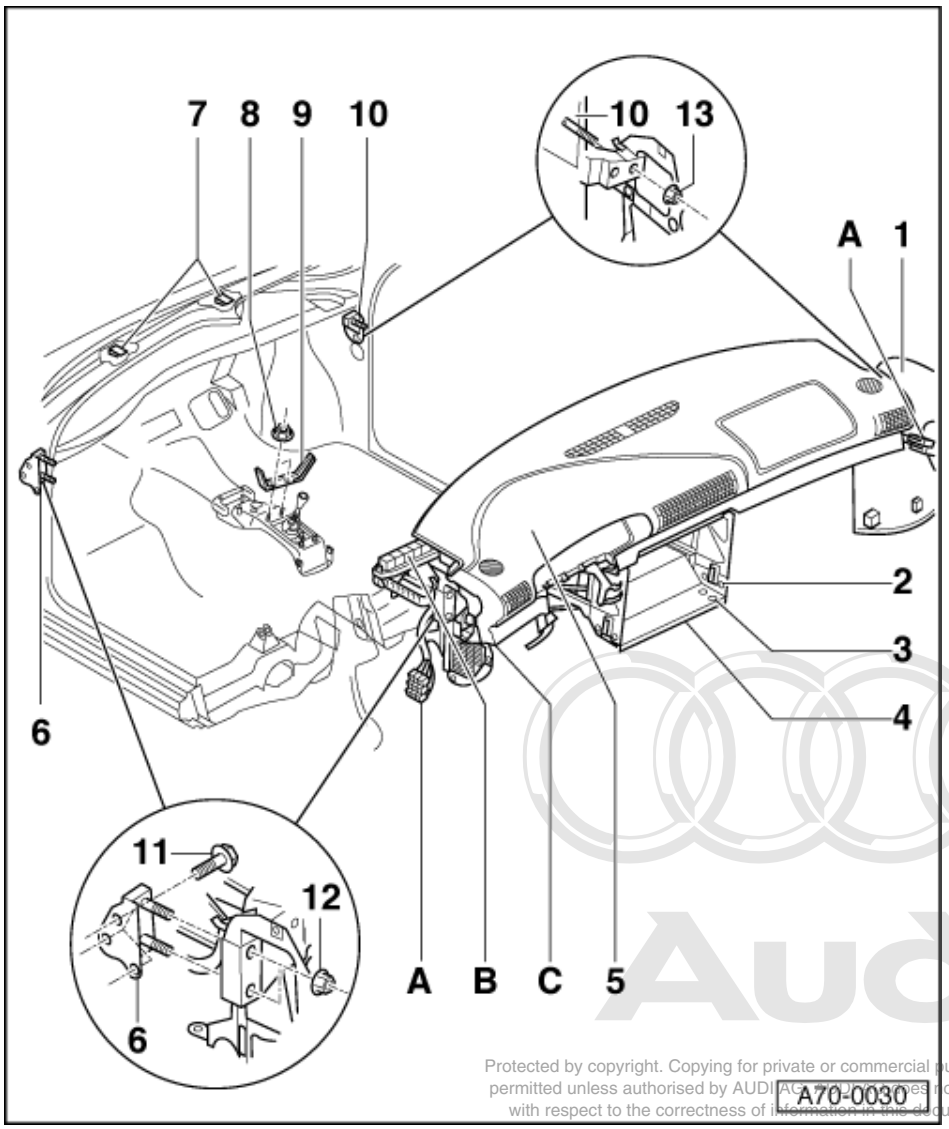
1 End trim for dash panel (2x)
- Unclip end trim

2 Bolts (4x)
- Tightening torque 12 Nm

3 Bolts (4x)
- Tightening torque 12 Nm

4 Bracket
- Remove bolts -2- and -3-.

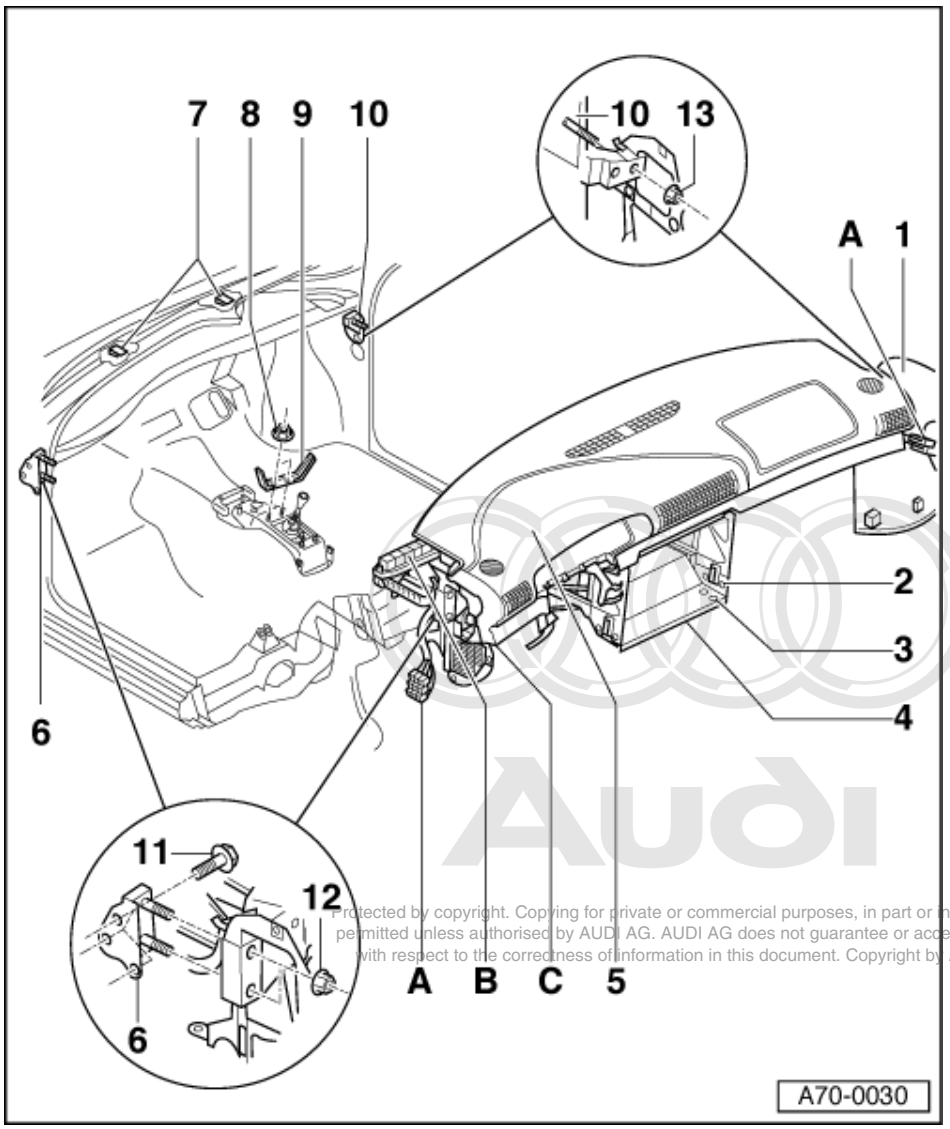
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5 Dash panel with cross member

- Removing
  - Move windscreen wipers to top position.
  - Detach steering column brace => Fig.: 2
  - Remove steering wheel => Page 74
  - Remove driver's airbag unit =>Page 70
  - Remove driver's shelf =>Page 6 .
  - Remove glove compartment =>Page 1
  - Remove rear section of centre console =>Page 9
  - Remove front section of centre console =>Page 25
  - Remove centre section of dash panel =>Page 27



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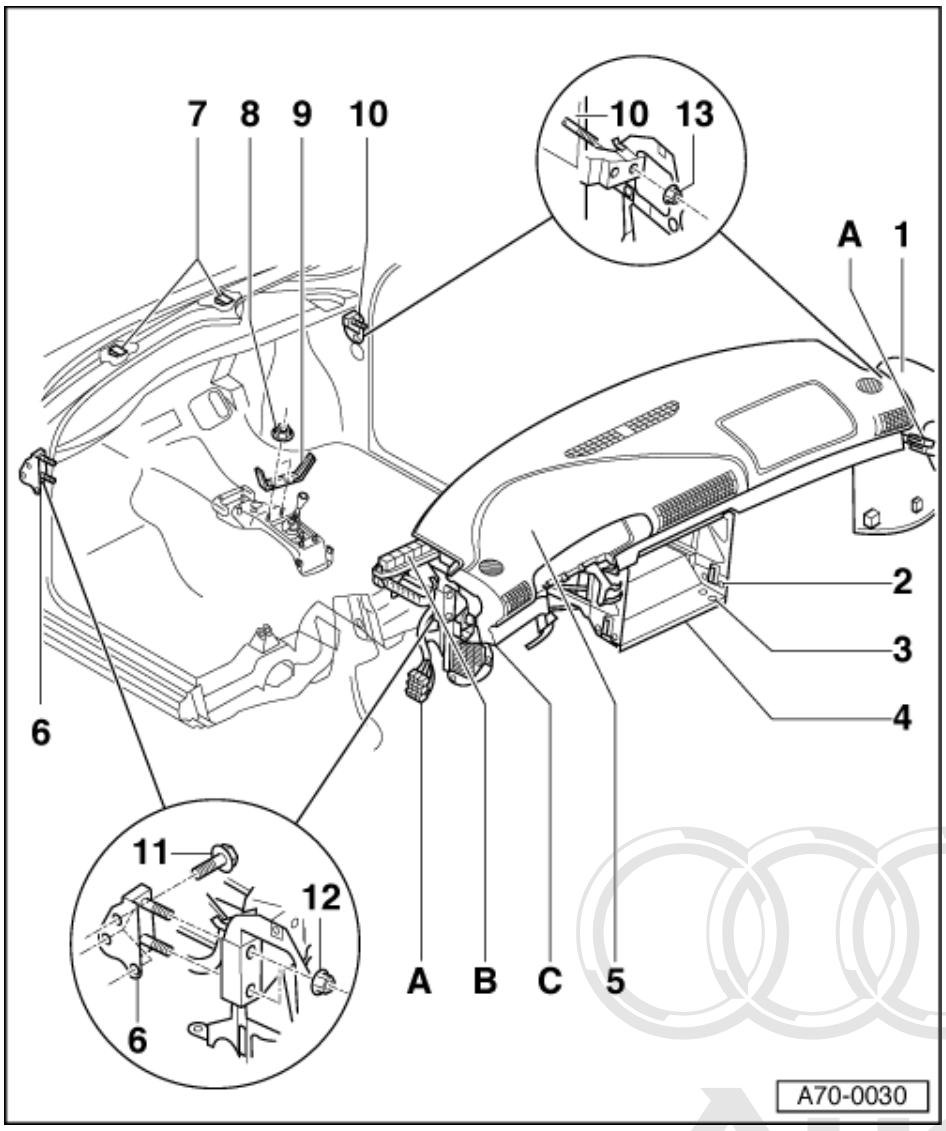
- Remove airbag control unit =>Page 68
- Disconnect rear air ducts on left and right.
- Detach heating hoses and air conditioner pipes (draw off coolant) Removerubber grommet.

=> Heating, Air Conditioning; Repair group 80; and and

=> Heating, Air Conditioning; Repair group 87

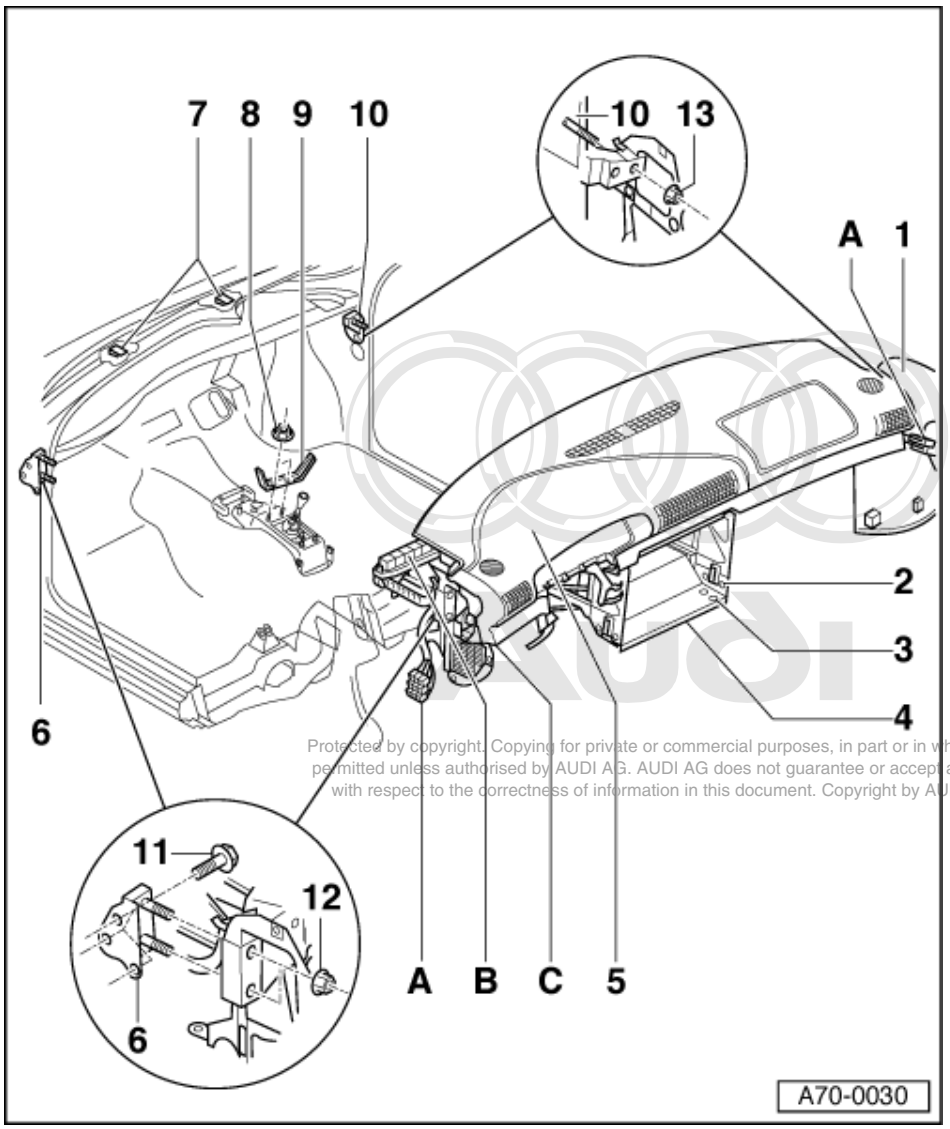
- Removing bottom A-pillar trims=> Page 175
- Detach wiring at connector points on left and right on A-pillar (Item -A-)
- Detach connectors in electronics box (Item -B-).

=> Electrical Systems; Repair group 97



- Unscrew positive wires at relay holder (Item -C-).
- Unscrew negative wire (Item -C-).
- Detach wiring in area of transmission tunnel.
- Detach wiring and vacuum pipes of brake light switch and cruise control system at pedal cluster.
- Unscrew bolts -2- and -3- and remove bracket -4-.
- Unscrew nuts -8- and remove holder -9-.
- Detach pedal cluster from dash panel cross member =>Fig.: 1
- Detach bottom part of steering column from steering box and secure =>Fig.: 1

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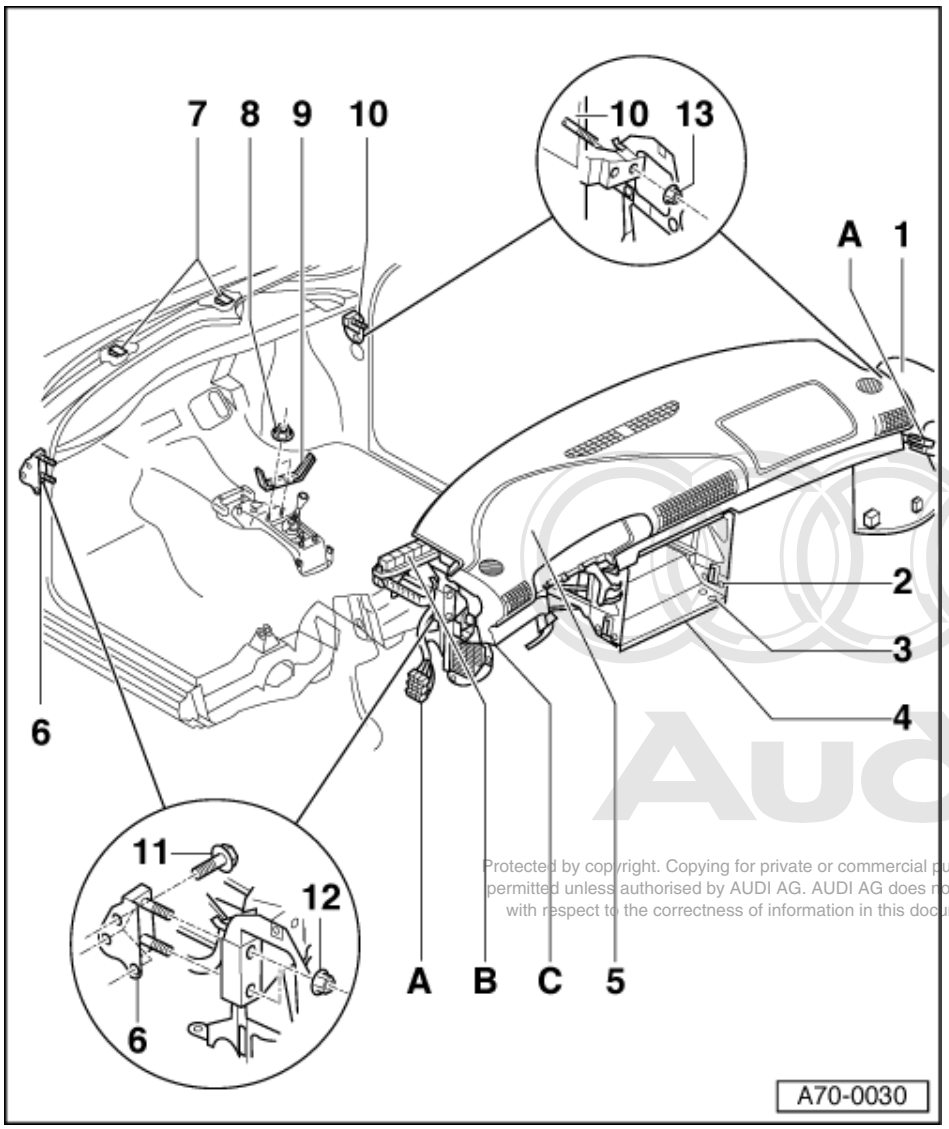
- Unscrew nuts -12- and -13-.
- Place firm cover over both seats so as to prevent damage.
- Pull dash panel (2 persons) out of fasteners -7- in front.

◆ Installing
- Install in reverse order.
◆ Adjusting:
- Dash panel with cross member must be centred in vehicle.

6 Retainer bracket
◆ With felt covering

7 Retaining clips (2x)

8 Nut (2x)



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9 Bracket

10 Retainer bracket

11 Bolts (5x)

- Left side (3x)
- Right side (2x)
- Tightening torque 23Nm

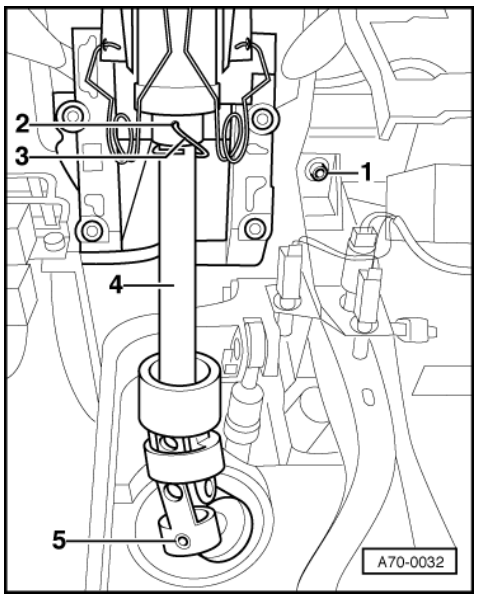
12 Nut (2x)

- Tightening torque 45 Nm

13 Nut (2x)

- Tightening torque 45 Nm

Fig.:1 Detaching pedal cluster



- Unscrew bolt -1-. Tightening torque 25 Nm.

Detach bottom part of steering column

- -> Unscrew bolt -5- and fold down joint. Tightening torque 40 Nm.

Note:

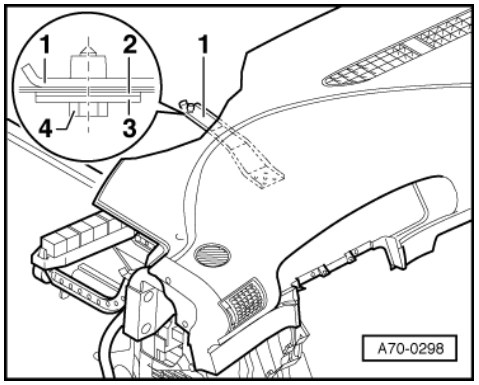
Joint can only be secured in one position when installing).

=> Running Gear; Repair group 46

- Push back bottom part of steering column -4- until hole -2- in top part of steering column is aligned with hole in bottom part of steering column.
- Insert welding wire -3- in hole -2- and wind once around steering column to secure.

Important Steering column -4- is never to be completely pulled out or pushed in (

Fig.:2 Unfastening steering column brace



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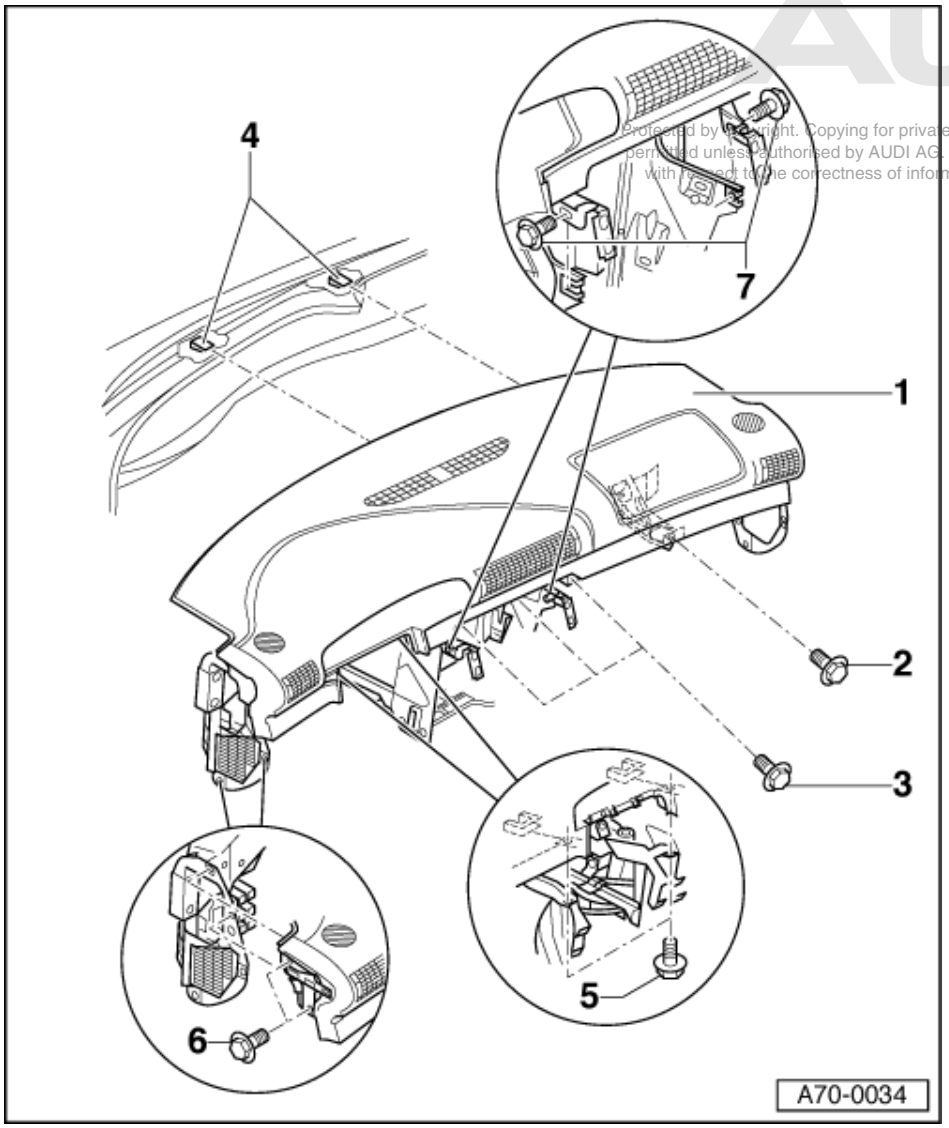
Note:

Steering column brace was introduced as of 05.98. Bolt for steering column brace is in plenum chamber on driver's side above wiper motor.

- -> Unscrew bolt -4-.
- Tightening torque 8 Nm
- Remove washer -3- and gasket -2-.
- On installation use a drift if necessary to align threaded bushing of strut -1- with hole in bulkhead.

3.3 - Removing and installing dash panel

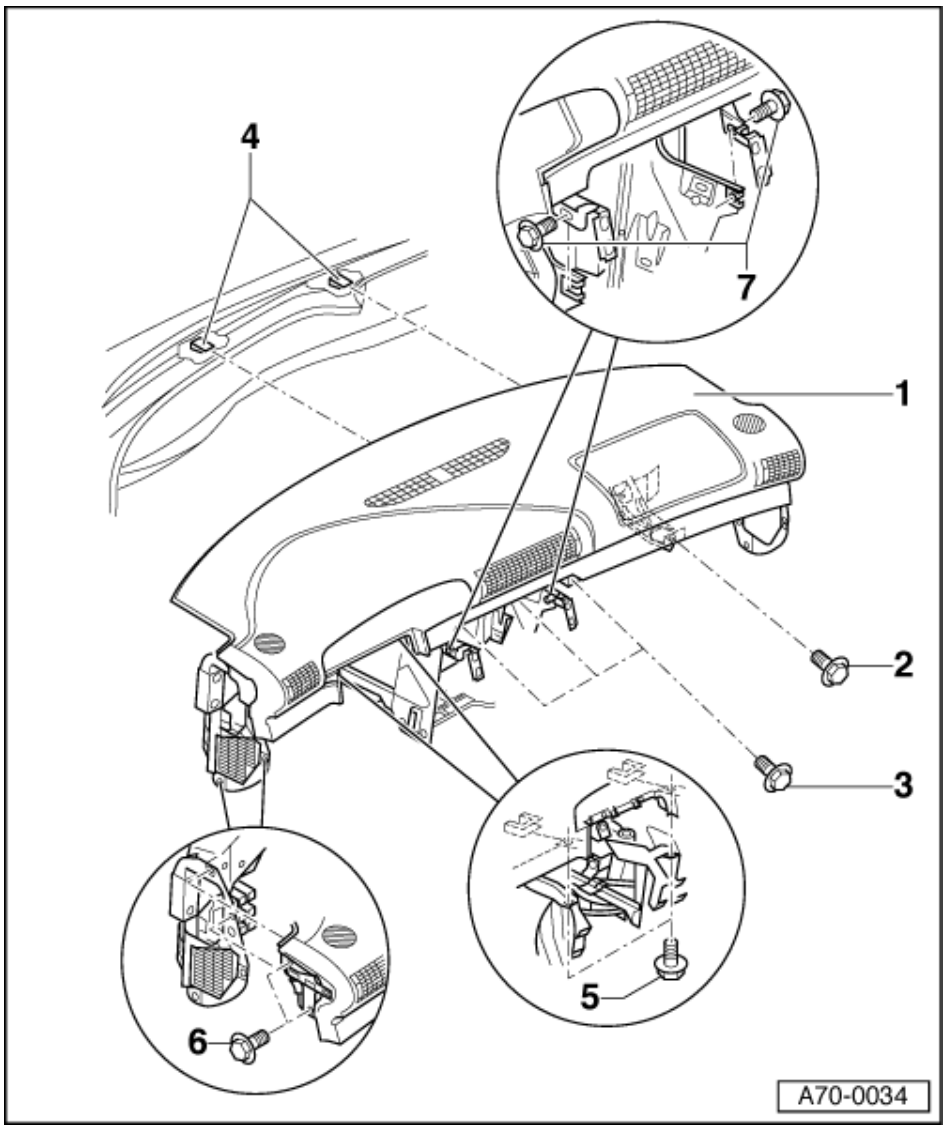
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1 Dash panel

- Removing
  - Removing driver's shelf =>Page 6 .
  - Removing glove compartment =>Page 1
  - Removing rear section of centre console =>Page 9
  - Removing front section of centre console =>Page 25
  - Removing centre section of dash panel =>Page 27
  - Removing driver's airbag unit =>Page 70
  - Removing steering column => Page 74
  - Removing passenger's airbag unit =>Page 89

- Removing steering column trim =>Page 7



- Unscrew bolts -2-, -3-, -5-, -6- and -7-.
- On removal pull dash panel out of retainers -4-.

Note:

Dash panel is to be replaced whenever passenger's airbag has been triggered.

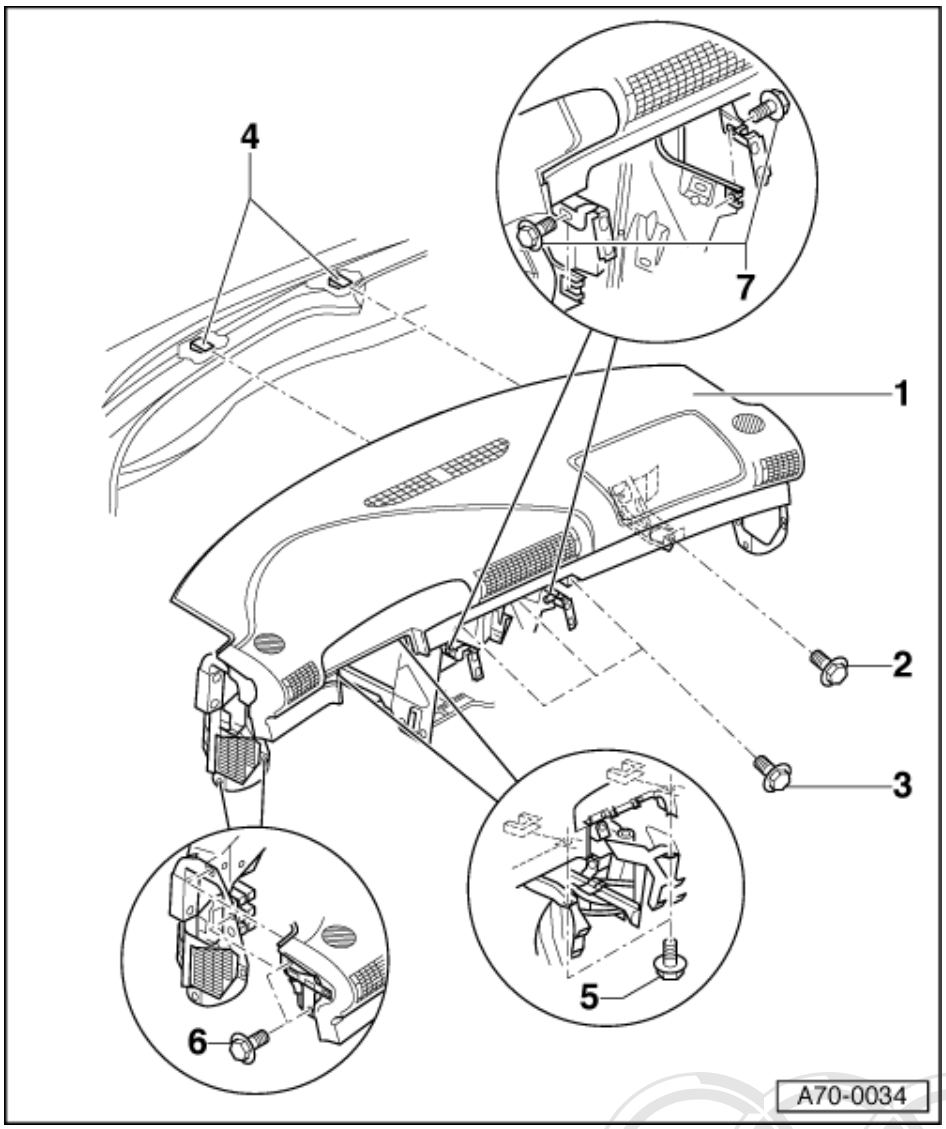
- Installing
  - Install in reverse order.
  - Adjusting:
  - Dash panel must be centred in vehicle.

2 Bolt
- Tightening torque 5 Nm

3 Bolts (3x)
- Tightening torque 5 Nm

4 Retainer (2x)
- With felt covering

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5 Bolts (2x)

- Tightening torque 5 Nm

6 Bolts (2x)

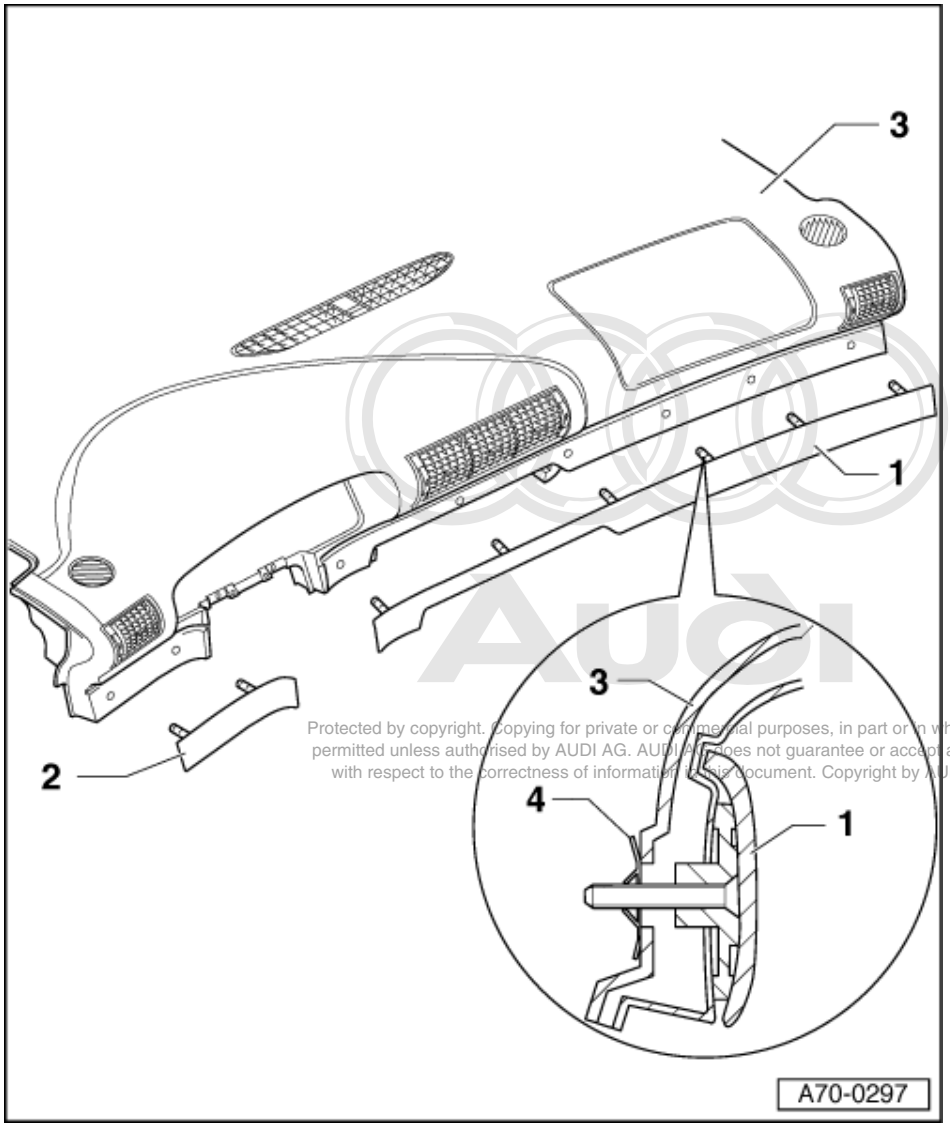
- Unscrew bolts on left and right side of dash panel.
- Tightening torque 5 Nm

7 Bolts (2x)

- Tightening torque 5 Nm

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3.4 - Removing and installing dash panel trim



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1 Passenger's side trim

- Removing driver's shelf => Page 6
- Removing glove compartment => Page 1
- Removing rear section of centre console =>Page 9
- Removing front centre console =>Page 25
- Removing centre section of dash panel => Page 27
- Use screwdriver to lever out fasteners -4-.

2 Driver's side trim

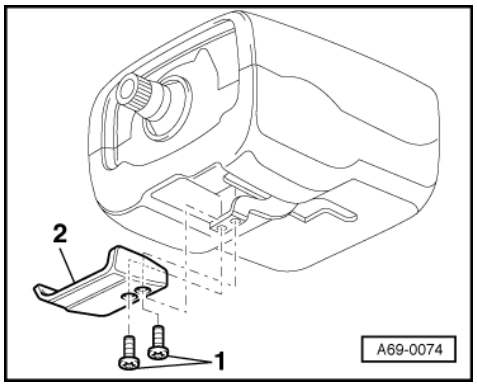
- Remove driver's shelf => Page 6 .
- Use screwdriver to lever out fasteners -4-.

3 Dash panel

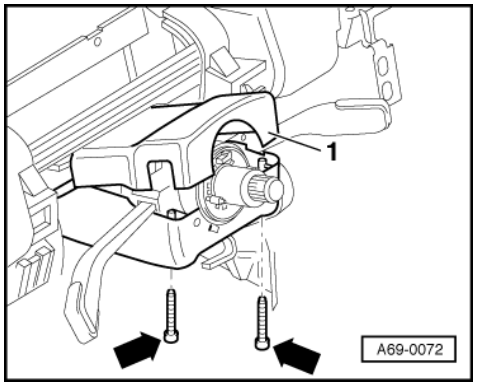
4 Clamp

3.5 - Removing and installing steering column switch

Removing steering column switch



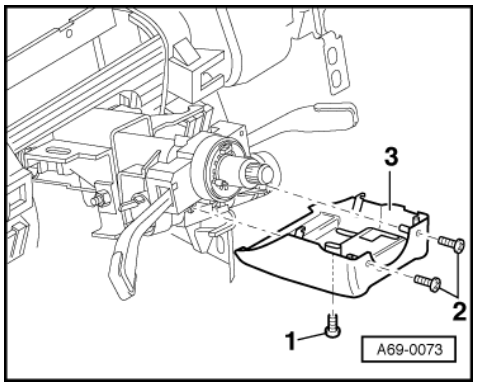
- Release steering column adjuster.
- Pull steering column all the way out.
- -> Unscrew bolt -1- (2x). Tightening torque 3 Nm.
- Remove grip -2-.



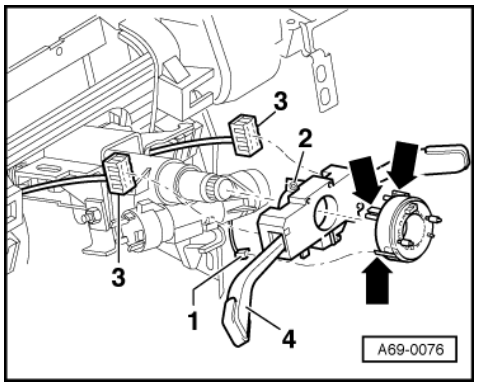
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- -> Remove two cross head screws -arrows-.
- Tightening torque 0.6 Nm.
- Remove upper trim panel for steering column switch - 1-.

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



- -> 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-.

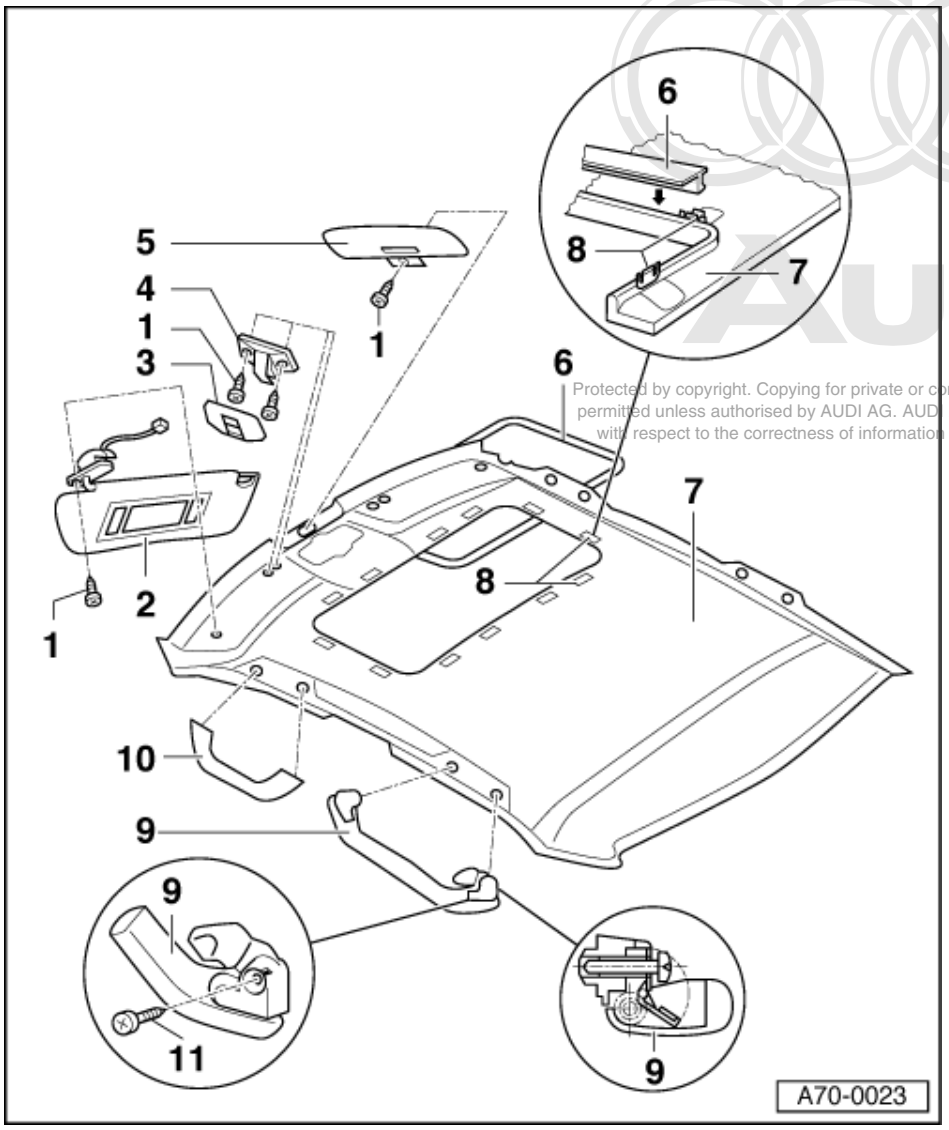


- -> Detach connector -1-.
- Unfasten bolt -2-.
- Tightening torque 3 Nm
- Disconnect plug -3-.
- Remove steering column switch -4-.

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4 - Roof trim

4.1 - Roof trim



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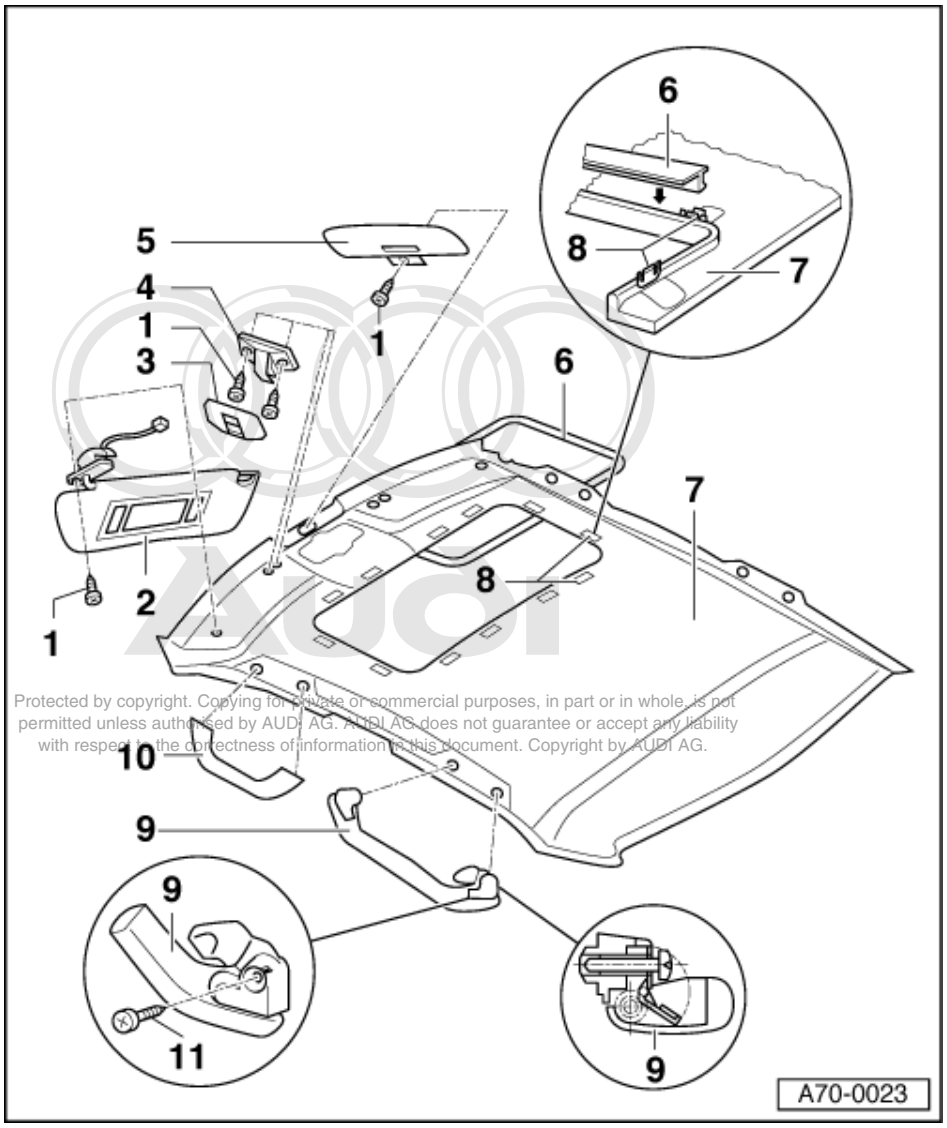
4.2 - Removing and installing moulded headliner and sun visors

1 Bolt
- Tightening torque 2.5 Nm

2 Sun visor

- Removing
  - Unclip sun visor from holder -4- in centre of vehicle.
  - Unclip trim cap for bolt -1- and unscrew bolt -1-.
  - Disengage sun visor and detach connector.
- Installing
  - Install in reverse order

3 Trim cap



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4 Sun visor bracket

- Lever off trim cap.
- Remove bolt -1- (1x).

5 Centre sun visor

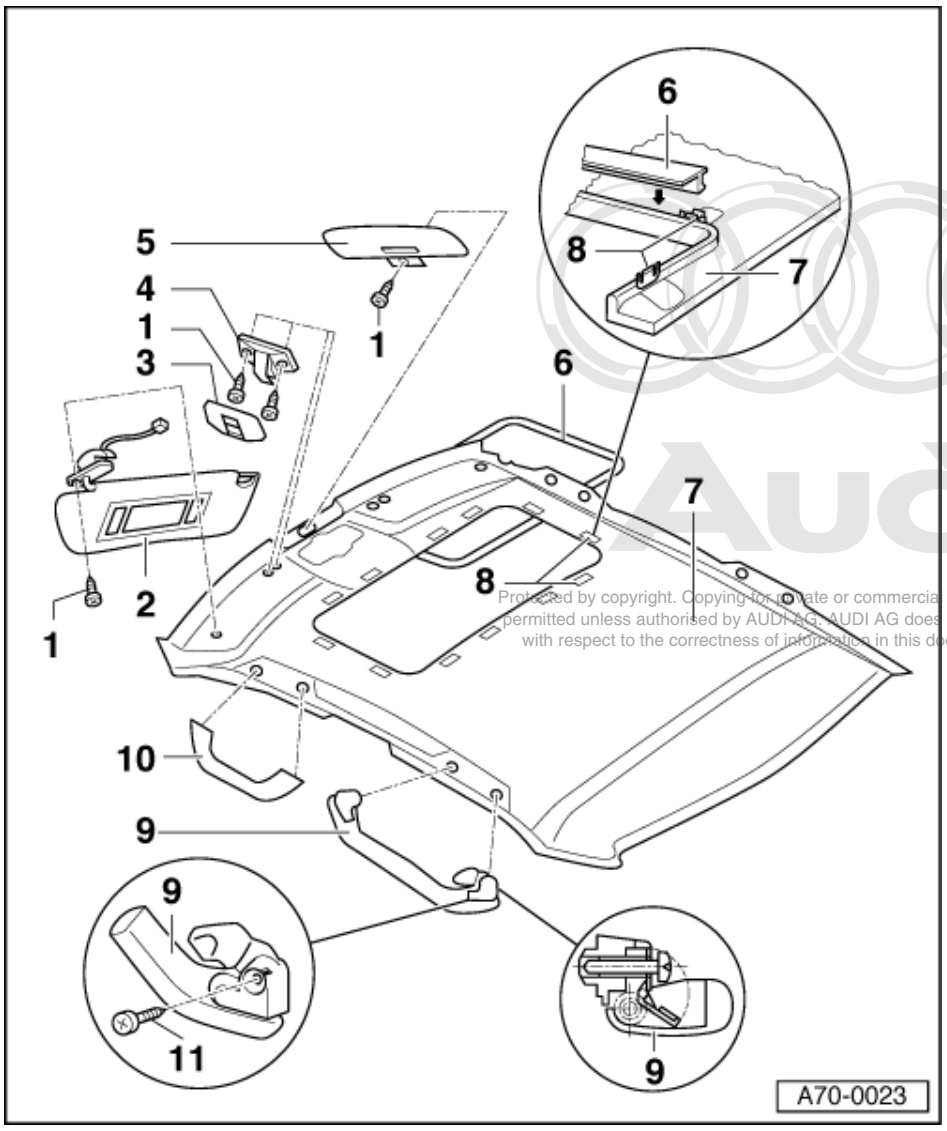
- Unscrew bolt -1- and remove sun visor -5-.

6 Frame trim for sliding roof

7 Moulded headliner

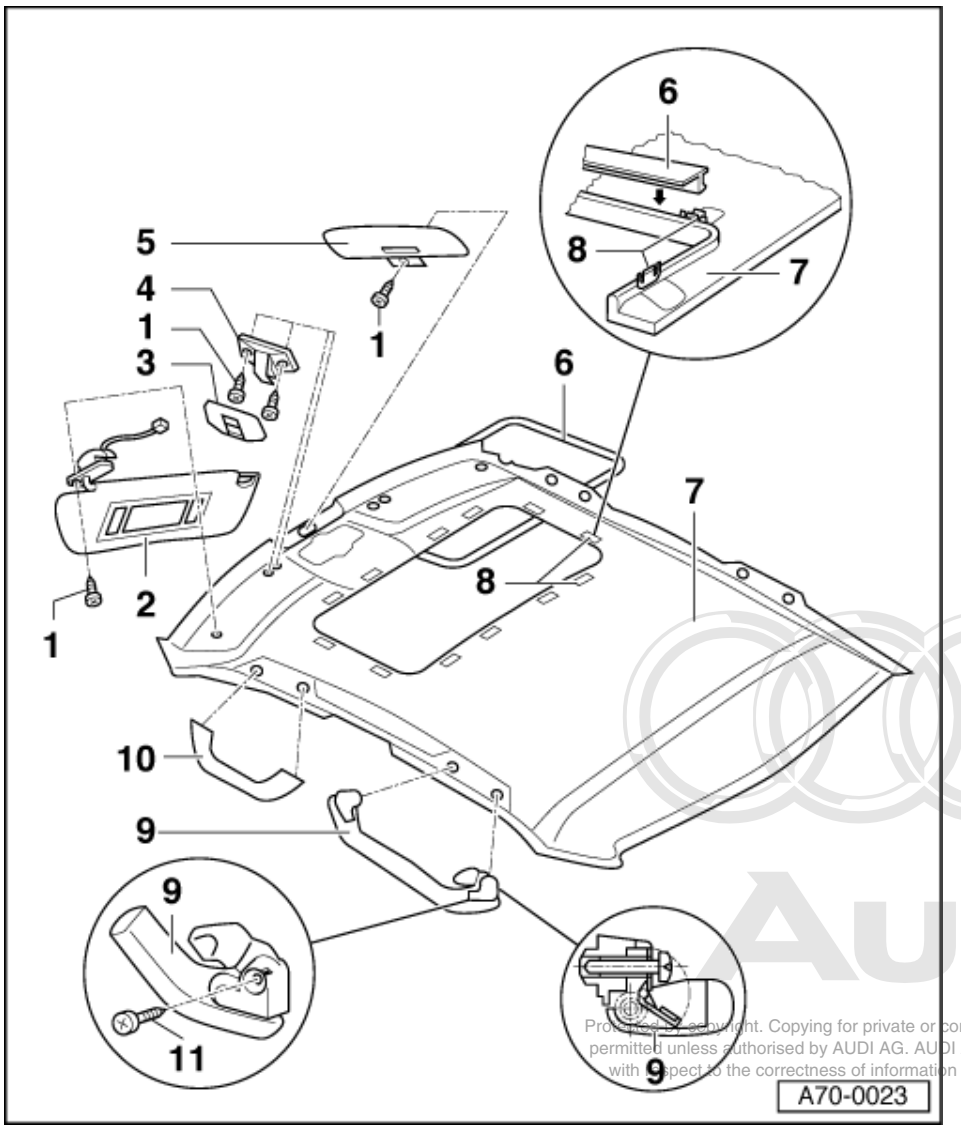
◆ Removing

- Remove upper A-pillar trim => Page 176
- Remove upper B-pillar trim => Page 177
- Remove upper C/D-pillar trim => Page 180
- Lever out cover frame -6- on models with sliding/tilting roof.
- Remove both sun visors -2-.



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- Remove centre sun visor -5-.
- Remove both brackets -4-.
- Remove front -10- and rear -9- grab handles.
- Remove cover panel for moulded headliner cut-out =>Fig 1
- Position gear lever or selector lever as far forward as possible.
- Tilt backrest of passenger's seat to rearmost position.
- Tilt backrest of driver's seat to rearmost position.
- A second person is required to support the moulded headliner.
- Detach all door seals in area of moulded headliner.
- Pull moulded headliner to rear and disengage from retaining strip at rear window.
- Remove moulded headliner towards passenger door.



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- Installing
  - Fit door seals.
  - Insert moulded headliner towards passenger's side and engage in retaining strip at rear window.
  - Carefully press moulded headliner over door seal (to fix moulded headliner in position).
  - Carry out remainder of installation in reverse order of removal.

8 Clip (12x)

9 Rear grab handle (2x)

- Open up grab handle.
- Lever out trim caps.
- Unscrew bolts -11-.

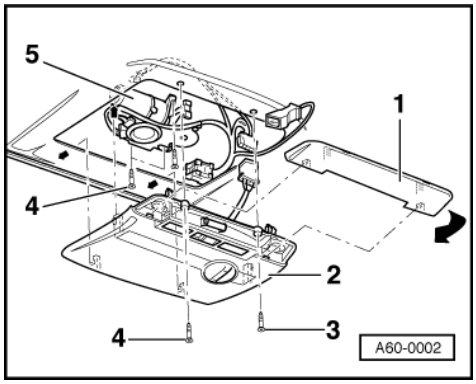
10 Front grab handle (2x)

- Open up grab handle.
- Lever out trim caps.
- Unscrew bolts -11-.

11 Bolts (2x)

- Tightening torque 2.5 Nm

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

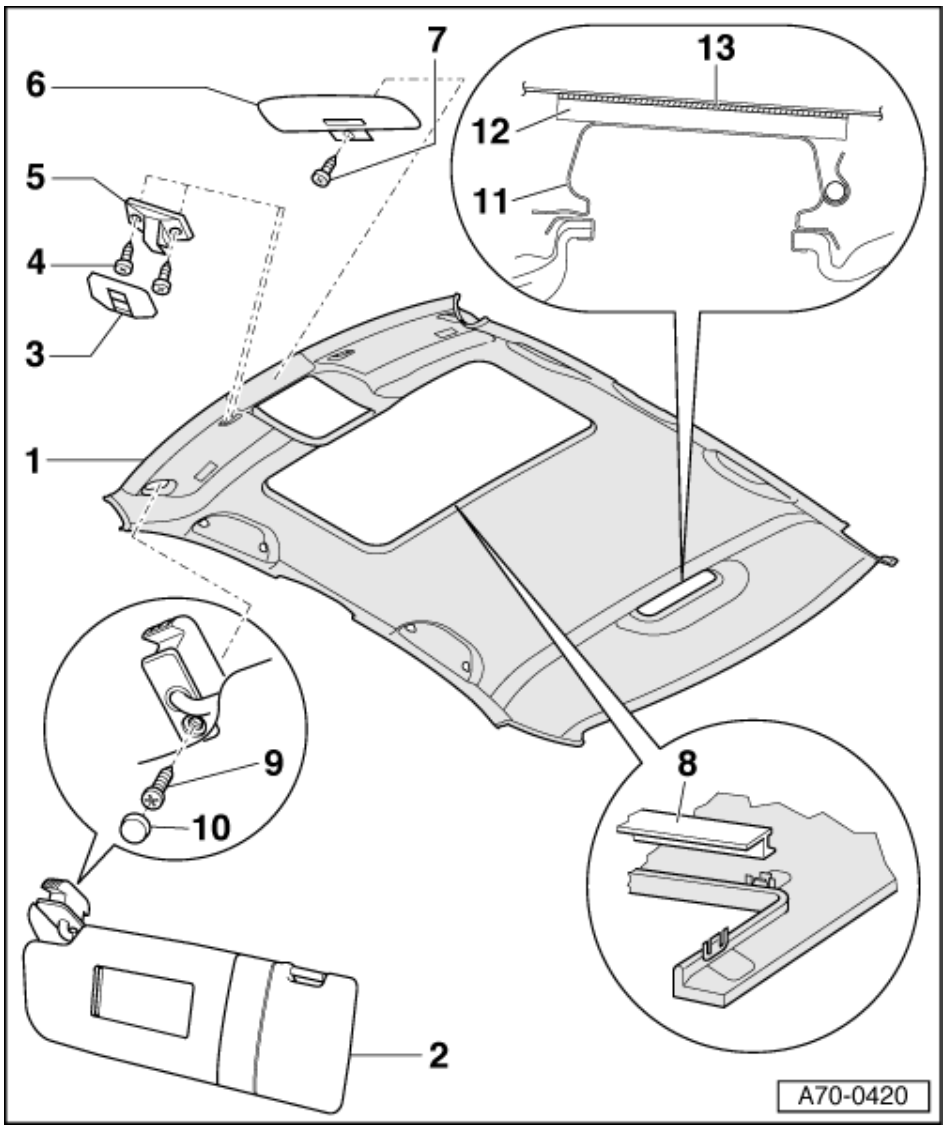


- -> Unclip cover panel -1- downwards in direction of arrow and remove to front.
- Unscrew bolts -3- (2x) and pull cover panel -2- forwards out of clips.
- Detach connectors and remove cover panel.

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5 - Roof trim

5.1 - Roof trim



5.2 - Roof trim MY 1999 > from chassis no. 8DXA 200 001 onwards

5.3 - Removing and installing moulded headliner and sun visors

Important

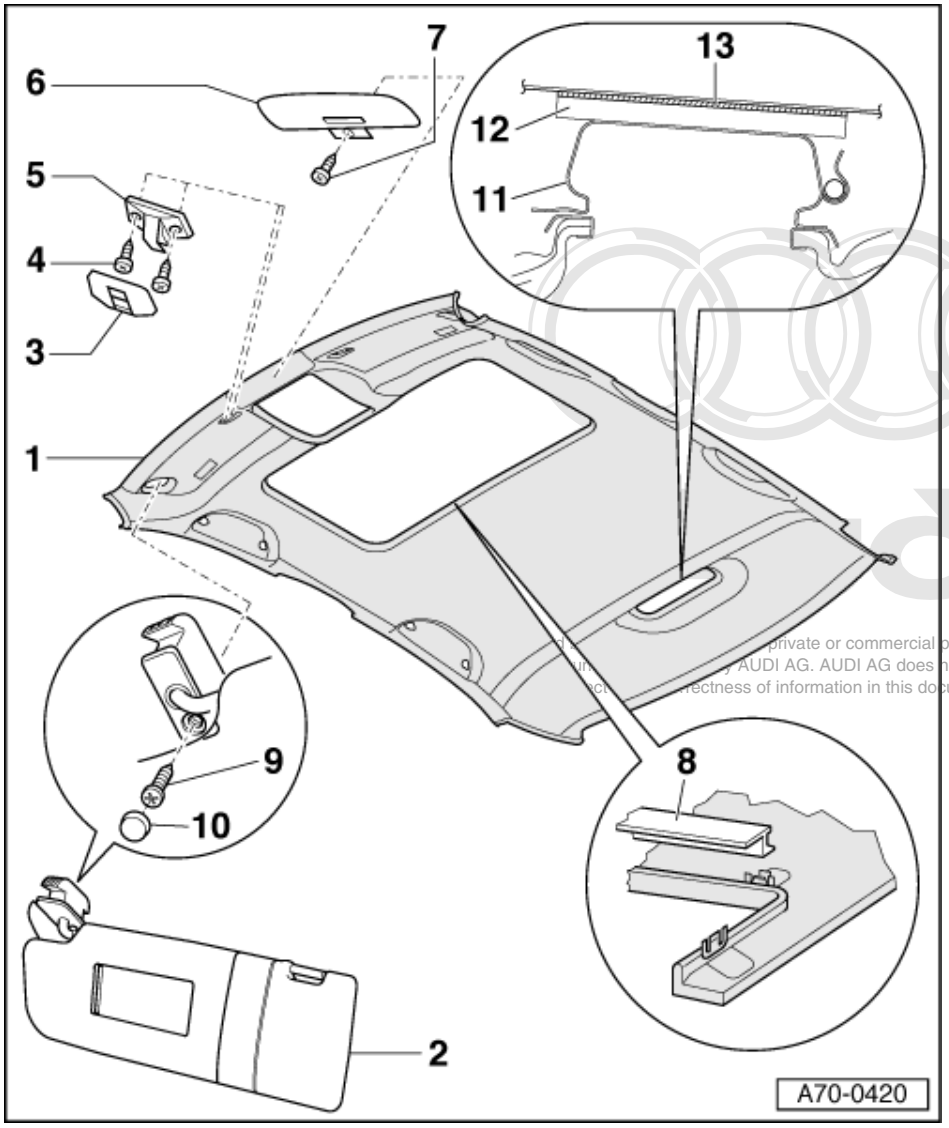
Note:

Removing and installing of moulded headliner and sun visors is the same in vehicles with or without head airbags.

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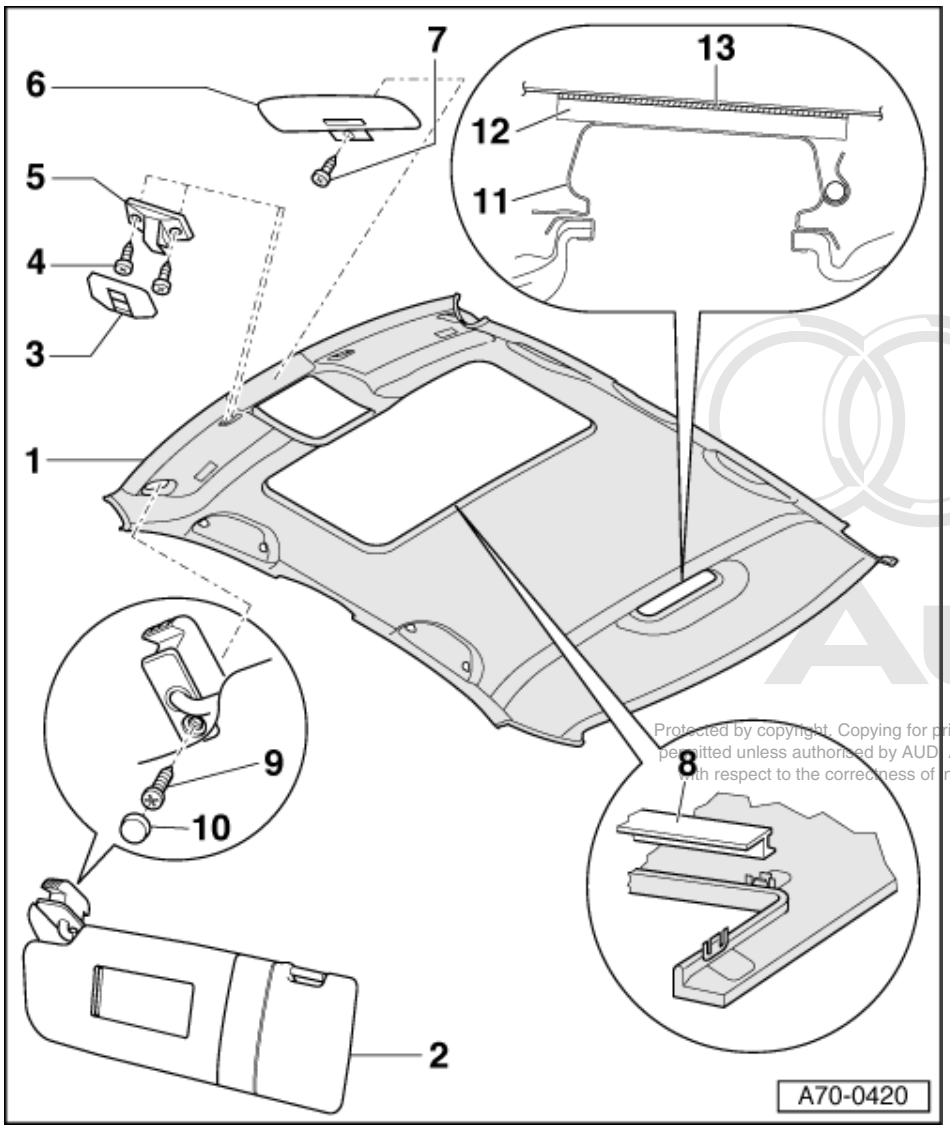
1 Moulded headliner

- Removing moulded headliner:
  - Remove upper A-pillar trim => Page 187



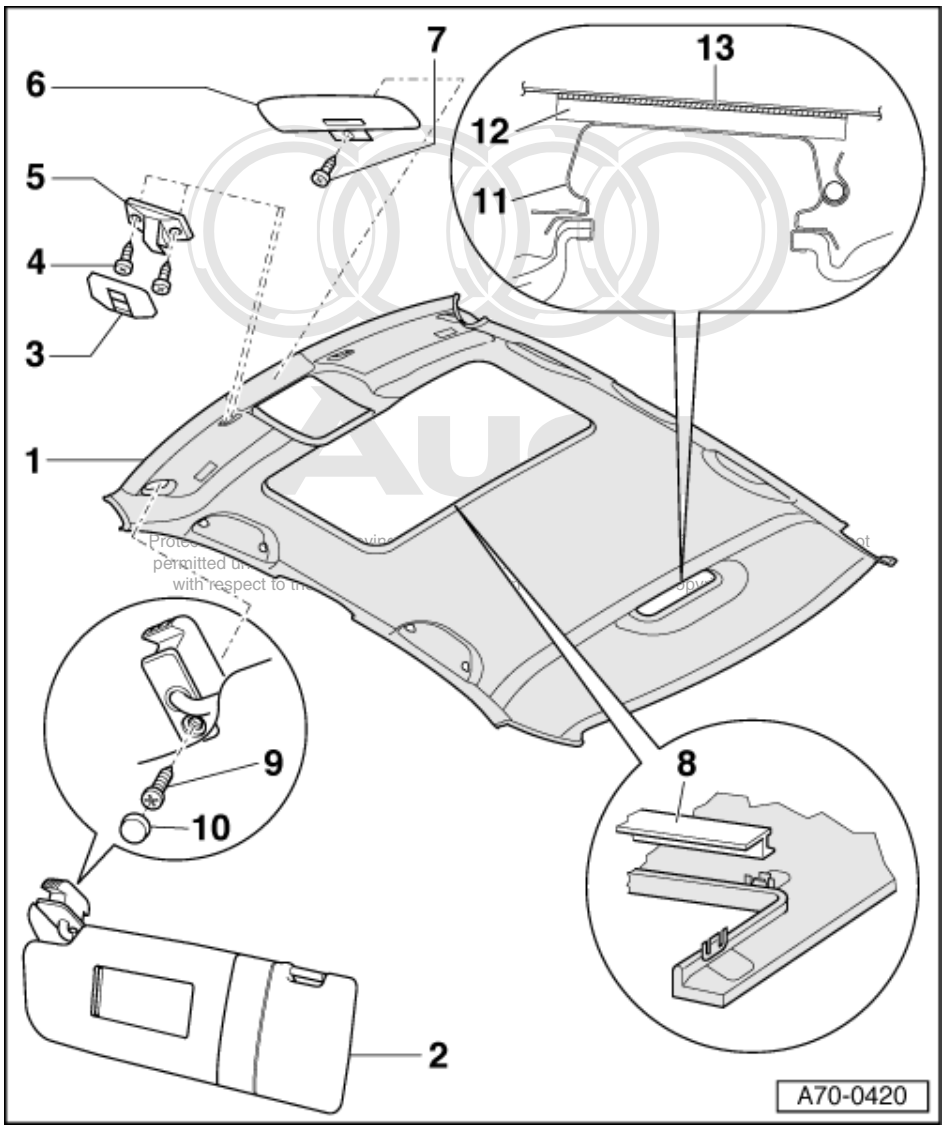
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- Detach left wiring harness to moulded headliner from A-pillar to dash panel.
- Remove upper B-pillar trim => Page 191
- Remove upper D-pillar trim => Page 198
- Detach connector with an automatic anti-glare interior rear-view mirror.
- Remove sun visors -2-.
- Remove brackets -5- for sun visors.
- Remove centre sun visor -6-.
- Lever out cover frame -6- on models with sliding/tilting roof.
- Remove cover for moulded headlining cut-out and reading lamp => Fig.: 1



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- Remove roof grab handles => Fig.: 2
- Detach all door seals in area of moulded headliner.
- Remove rear interior light.
- Detach velcro fastening -12-.
- Position gear lever or selector lever in rearmost position.
- Tilt backrest of passenger's seat to rearmost position.
- Tilt backrest of driver's seat to rearmost position.
- A second person is required to support the moulded headliner.
- Unhinge moulded headliner at rear.
- In order to remove cable at the moulded headliner leave the vehicle and while doing so carefully lower moulded headliner onto seats.



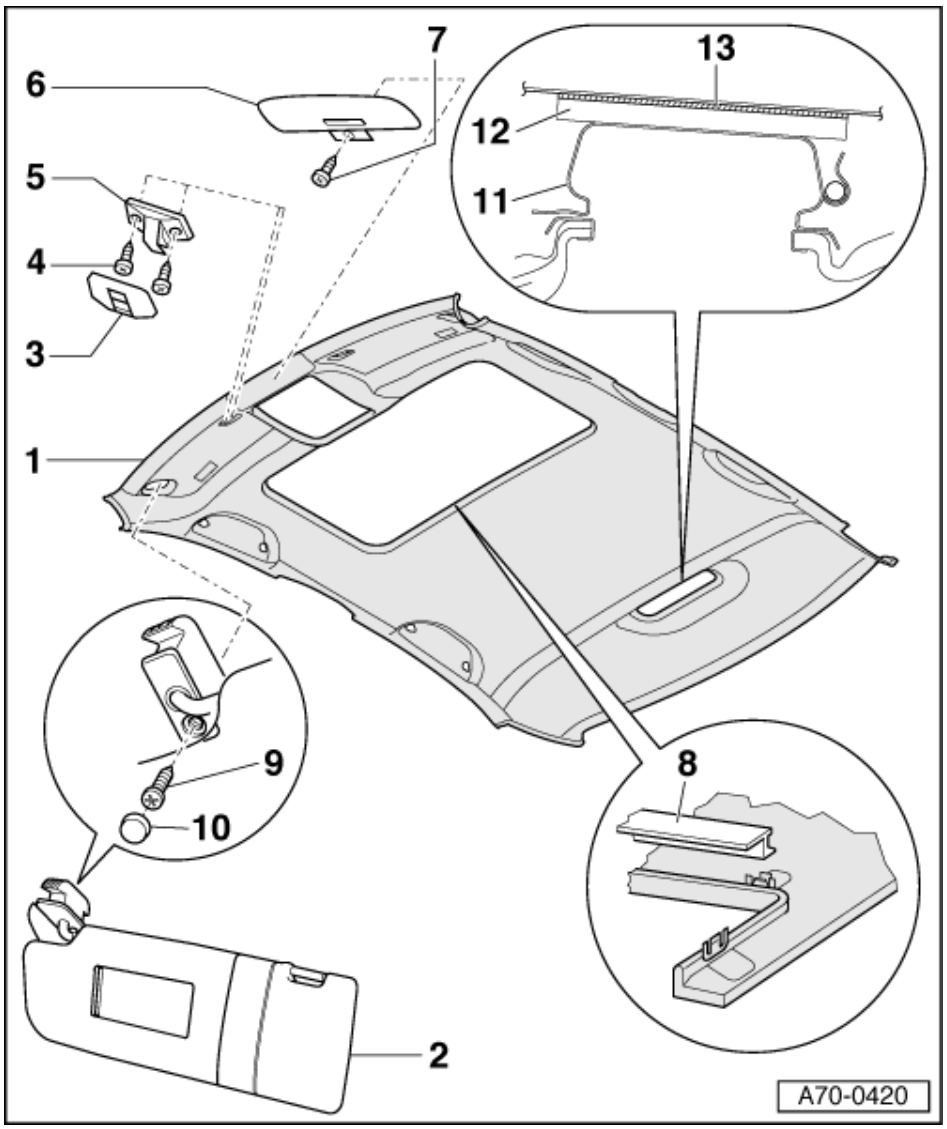
- Detach wiring harness from moulded headliner => Page 161
- Remove moulded headliner towards passenger door.

◆ Installing
- Carefully slide moulded headliner through passenger door.
- Attach wiring harness at moulded headliner => Page 161

Note:

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

- A second person is required to support the moulded headliner.
- Attach moulded headliner at rear.
- Attach moulded headliner at velcro fastening -12-.



- Attach centre sun visor -6-.
- Unclip trim frame for sliding/tilting roof -8-.
- Carry out remainder of installation in reverse order of removal.

2 Sun visor

- Unclip sun visor -2- from bracket -5- unclip trim cap -10- and unscrew bolt -9-.

3 Trim cap

4 Bolts (2x)

- Tightening torque 2.5 Nm

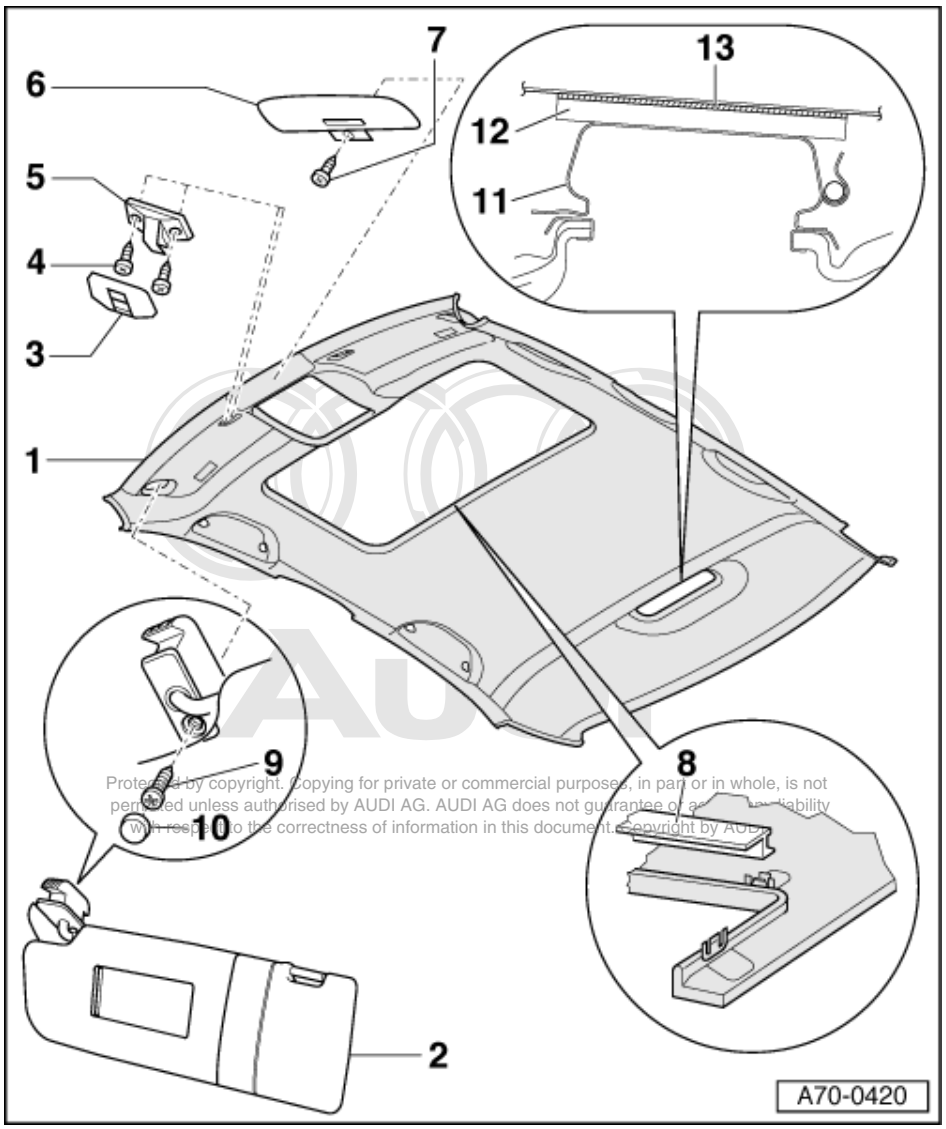
5 Sun visor bracket

- Lever off cap -3-.
- Remove bolts -4- (2x).

6 Centre sun visor

- Unscrew bolt -7- and remove sun visor -6-.

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7 Bolt

- Tightening torque 2.5 Nm

8 Frame trim for sliding roof

9 Bolt

10 Trim cap

11 Bracket for interior light

12 Velcro fastening strip at bracket

13 Velcro fastening strip at moulded headliner

- If the velcro fastening strip detaches itself from the roof on removal attach velcro fastening strip at headliner on installation and press hard.

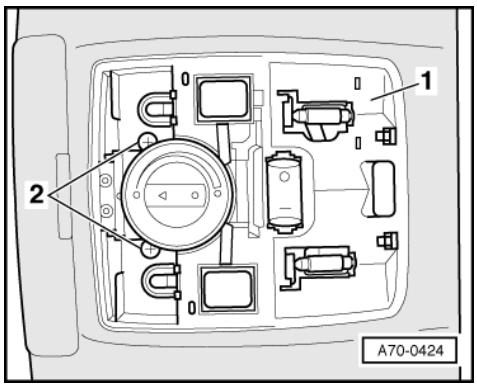
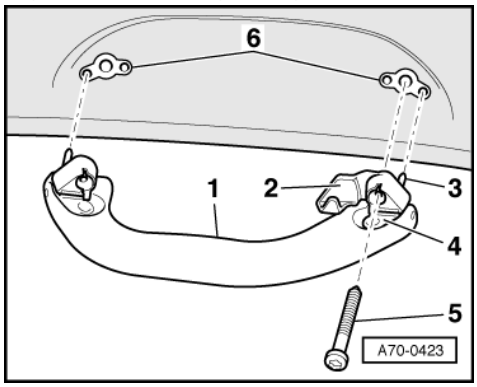


Fig.:1 Removing and installing cover for moulded headliner cut-out

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

Fig.:2 Removing roof grab handle

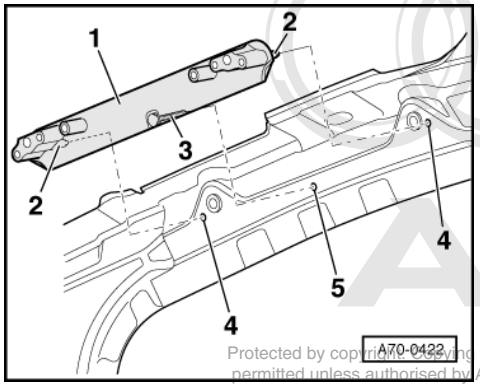


◆ In vehicles without head airbag an adapter must be fitted => Page 160

- -> Open cover -4- as far as possible.
- Remove bolts -5- (2x).
- Tightening torque 4 Nm
- Pull roof grab handle -1- with the prefixings -3- out of the retainers -6-.

3 - Coat hook
- Coat hooks for rear roof grab handles
- Coat hook faces forward

5.4 - Installing adapter for roof grab handle



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Note:

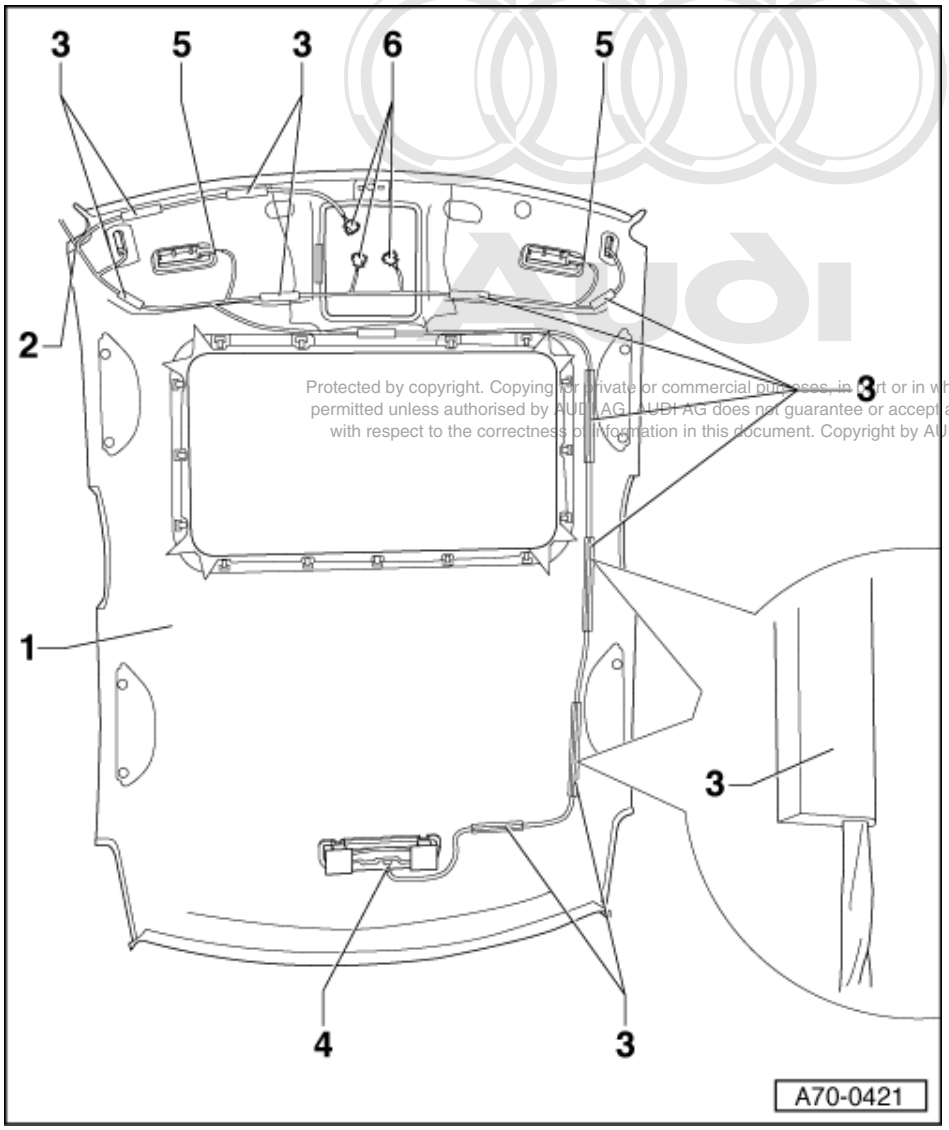
In vehicles without head airbag an adapter for roof grab handle is installed.

Attachment of roof grab handle same front and rear.

- -> Insert pre-retainer clip -3- into retainer -5-.
- Insert pins -2- into retainers -4-.

1 - Adapter for grab handle

5.5 - Cable routing on rear side of moulded headliner



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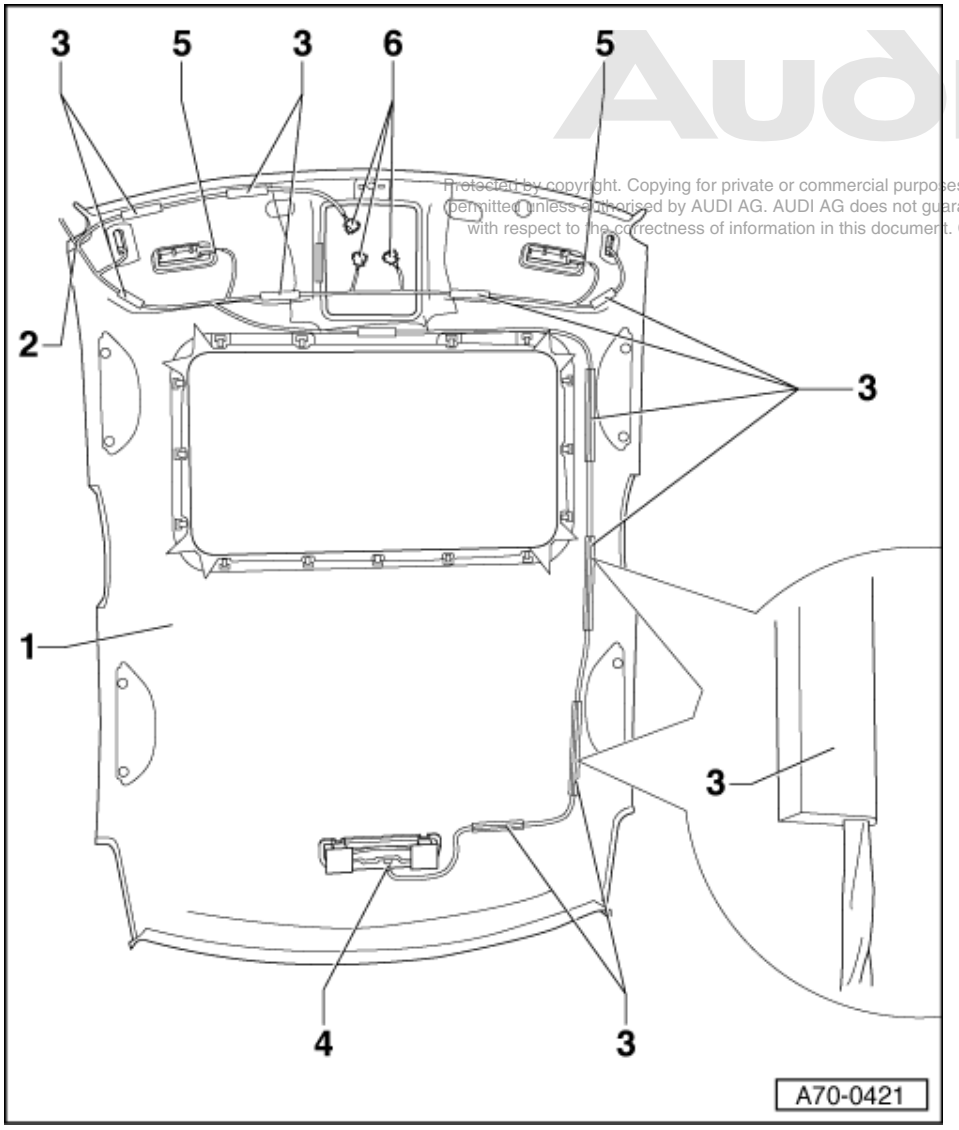
1 Rear side of moulded headliner

Remove moulded headliner (resting on seats).

- Detach connector -4-.
- Detach connectors -5-.
- Detach adhesive tape -8-.
- Unclip cable guides -3-.

- When installing, cables for the sun visors must be attached with adhesive tape.

2 Wiring harness

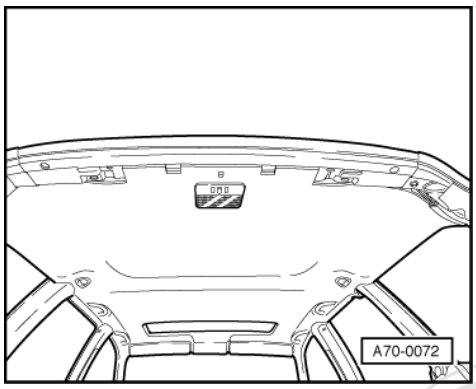


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3 Cable guide (6x)
4 Connector for interior rear light
5 Connectors for sun visor lights
6 Connector for interior lighting

6 - Roof trim, Avant

6.1 - Roof trim, Avant



6.2 - Removing and installing moulded headliner

Note:

-> The moulded headliner on the Avant is clipped in at the rear of the roof reinforcement and is additionally held in position by the rear roof frame trim.

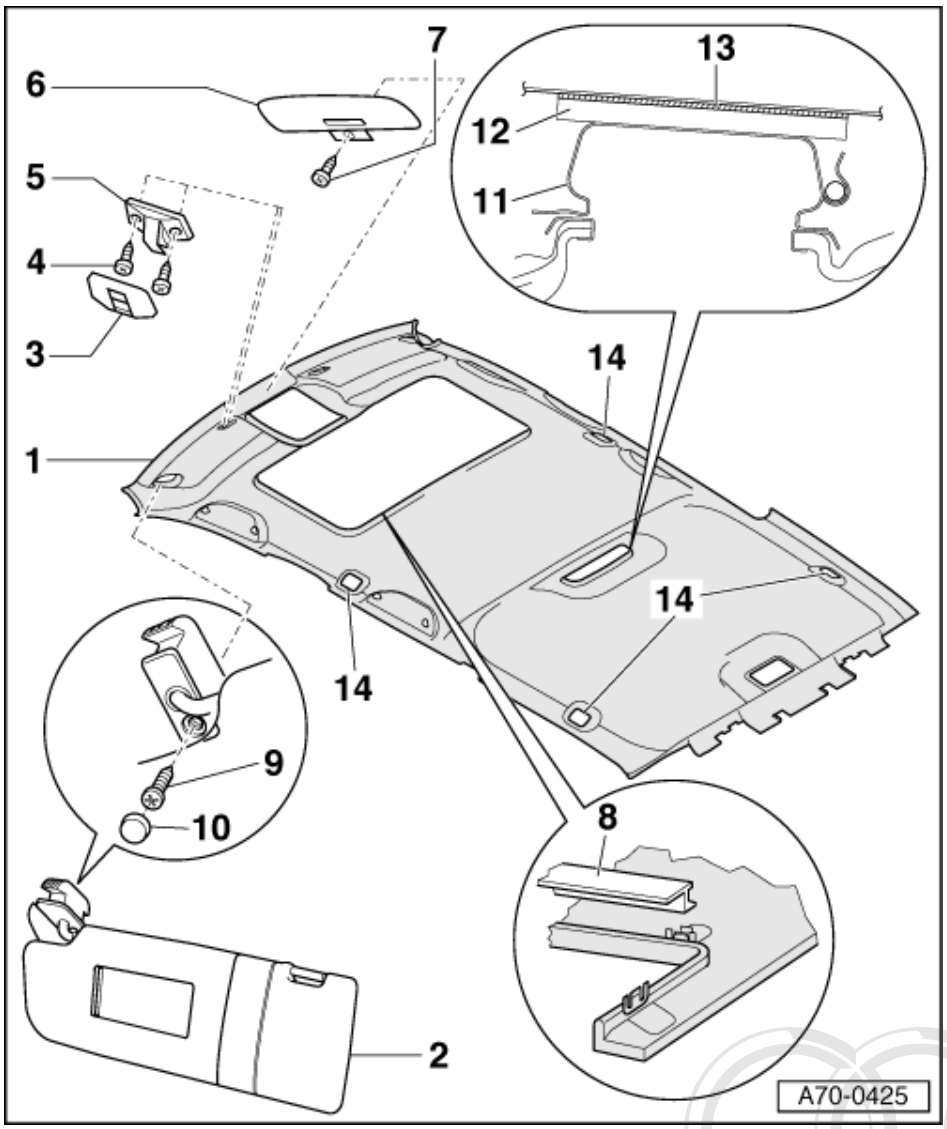
- Remove rear roof frame trim =>Page 202
- Removal otherwise identical to removing and installing moulded headliner and sun visors on Saloons =>Page 149

Moulded headliner is removed and installed through open tailgate.

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7 - Roof trim, Avant

7.1 - Roof trim, Avant



7.2 - Roof trim, Avant MY 1999 > from chassis no. 8DXA 200 001 onwards

7.3 - Removing and installing moulded headliner and sun visors

Important

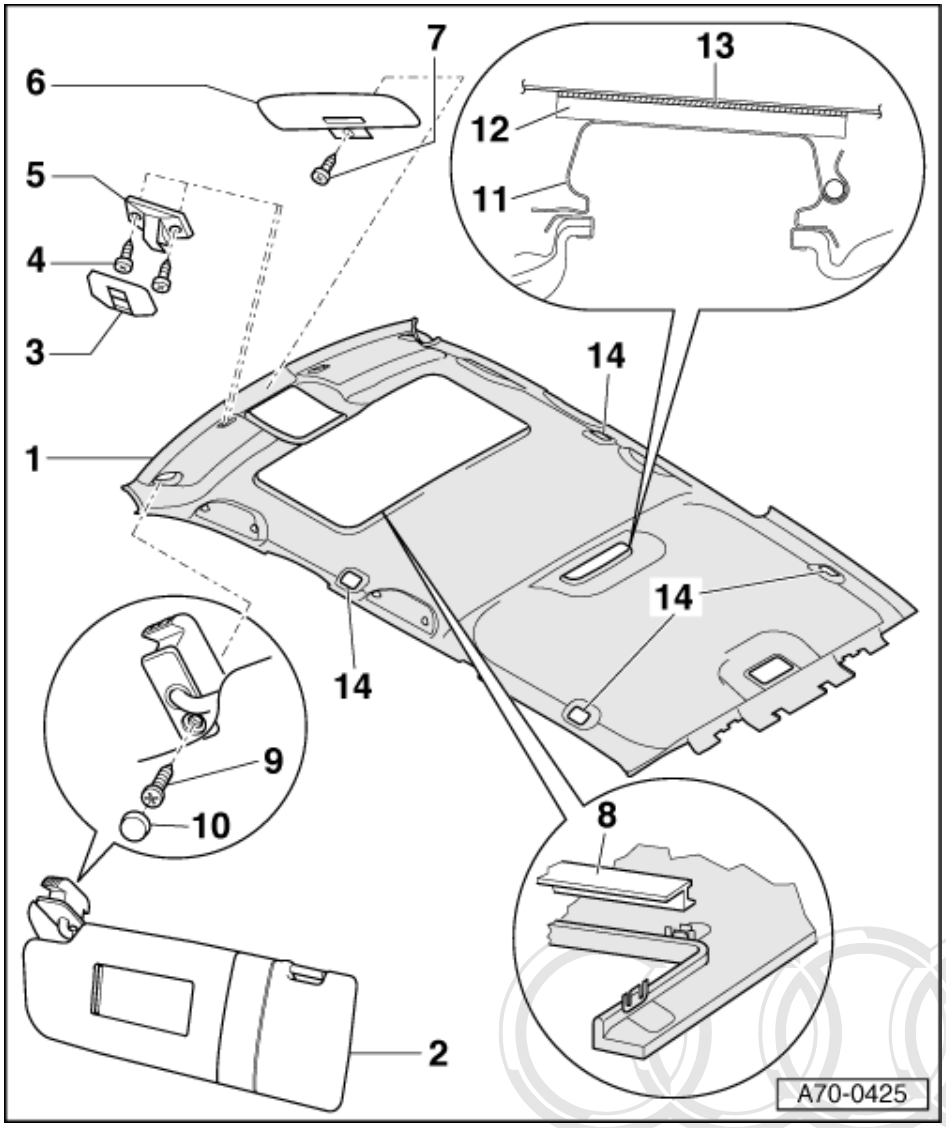
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Note:

Removing and installing of moulded headliner and sun visors is the same in vehicles with or without head airbags.

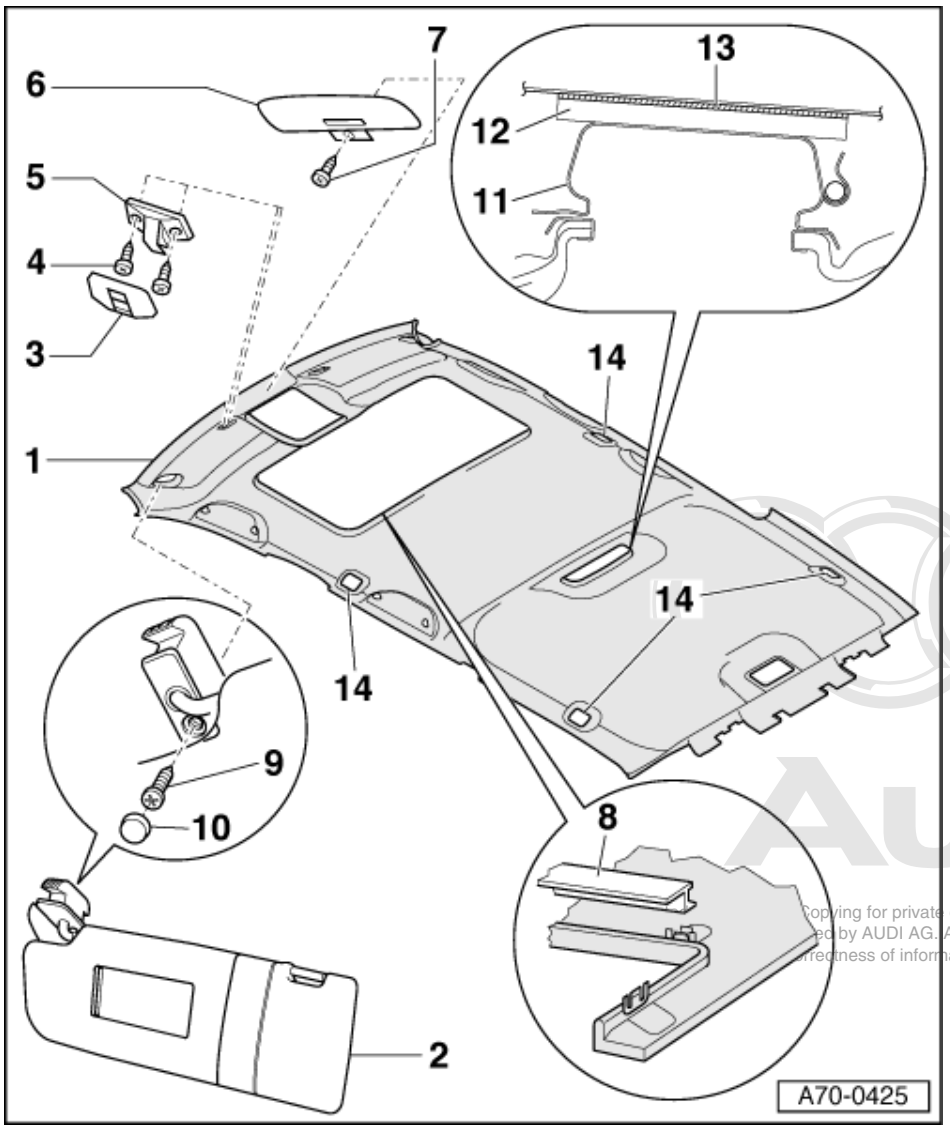
1 Moulded headliner

- Removing moulded headliner:
  - Remove upper A-pillar trim => Page 187



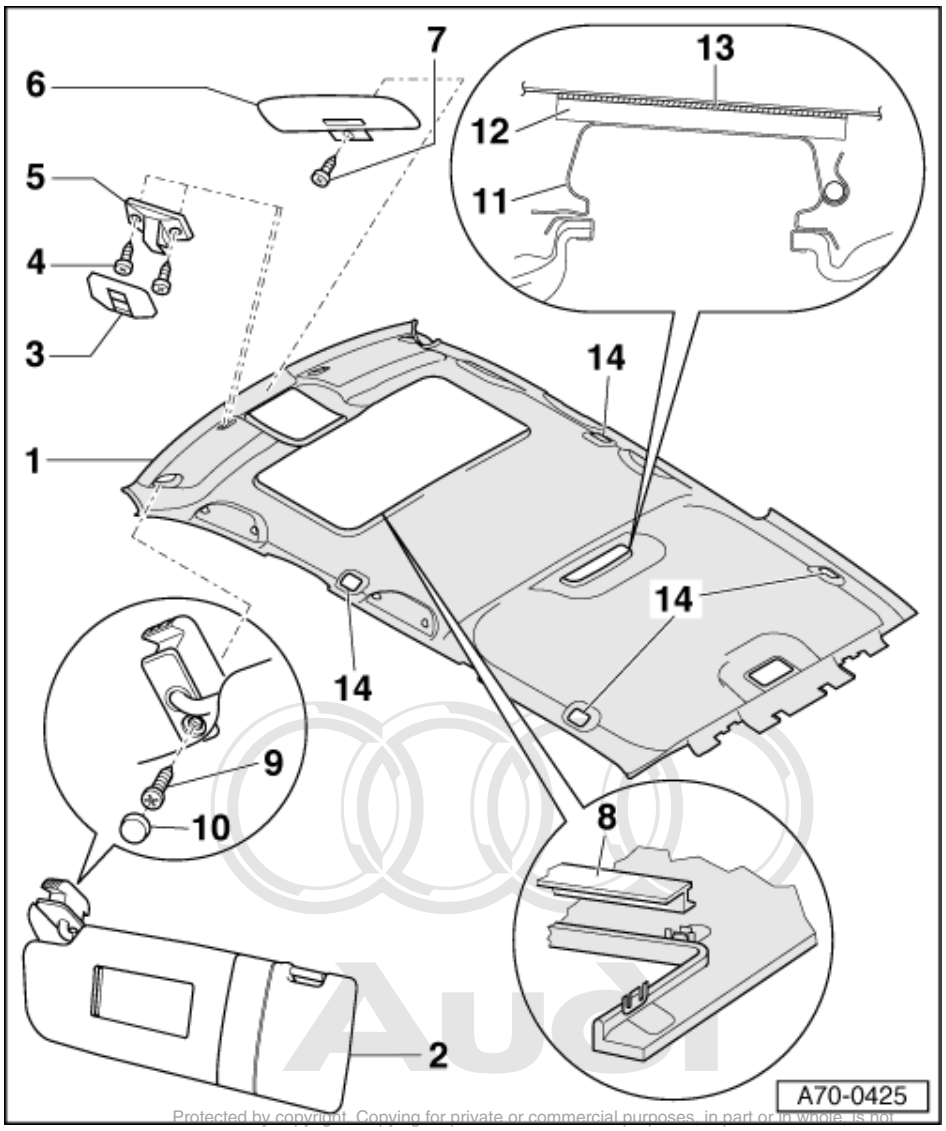
- Detach left wiring harness to moulded headliner from A-pillar A to dash panel.
- Remove upper B-pillar trim => Page 191
- Remove upper C-pillar trim => Page 205
- Remove upper D-pillar trim => Page 205
- Remove rear roof frame trim =>Page 202
- Detach connector with an automatic anti-glare interior rear-view mirror.
- Remove sun visors -2-.
- Remove brackets -5- for sun visors.
- Remove centre sun visor -6-.
- Lever out cover frame -6- on models with sliding/tilting roof.
- Remove cover for moulded headlining cut-out and reading lamp => Fig.: 1

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- Remove roof grab handles => Fig.: 2
- Remove partition grille trim eyelets => Fig.: 3
- Remove rear interior light.
- Detach all door seals in area of moulded headliner.
- Remove rear interior light.
- Position gear lever or selector lever to rearmost position.
- Tilt backrest of passenger's seat to rearmost position.
- Tilt backrest of driver's seat to rearmost position.
- A second person is required to support the moulded headliner.
- Detach velcro fastening -12- from roof.
- Unhinge moulded headliner at rear.



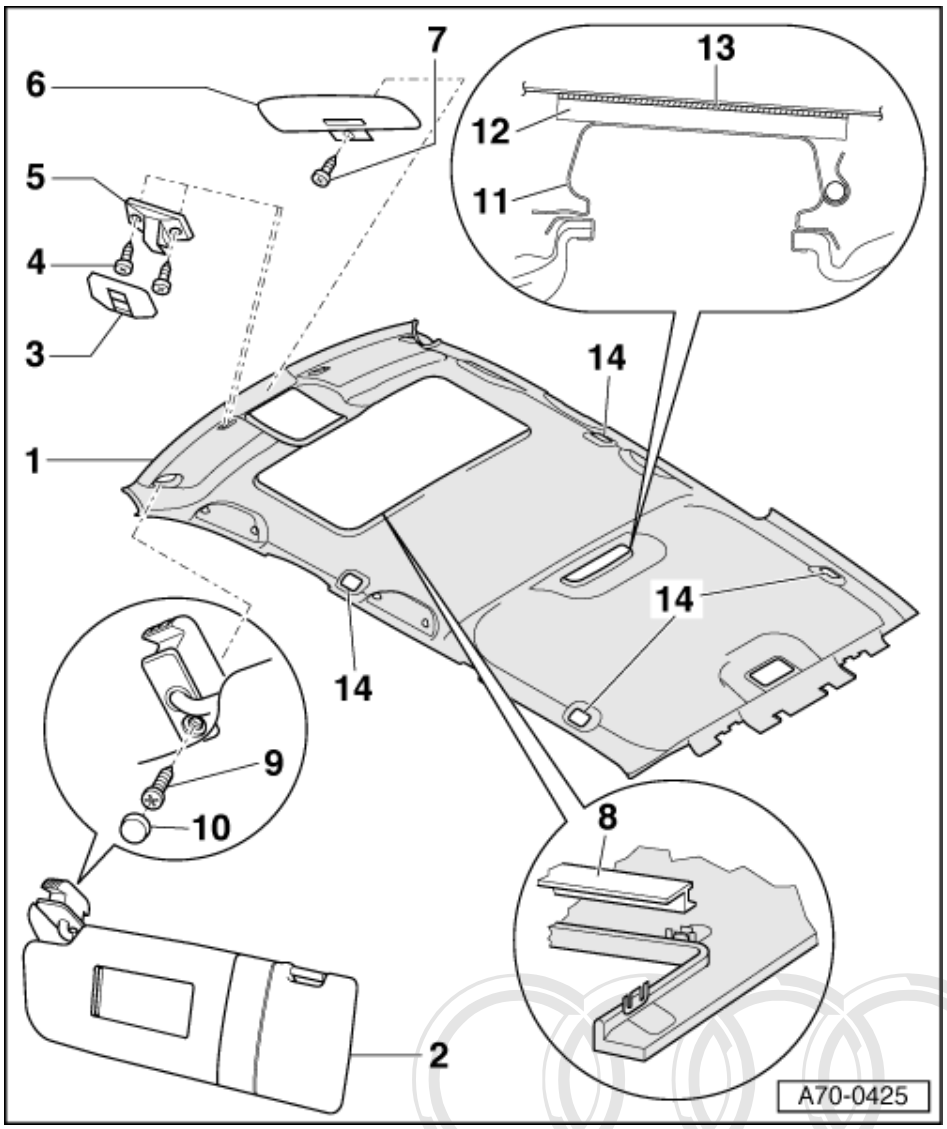
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- In order to remove cable at the moulded headliner leave the vehicle and while doing so carefully lower moulded headliner onto seats.
- Detach wiring harness from moulded headliner => Page 161
- Moulded headliner is removed and installed through open tailgate.

◆ Installing
- Carefully slide moulded headliner through tailgate.
- Attach wiring harness at moulded headliner => Page 161

Note:

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

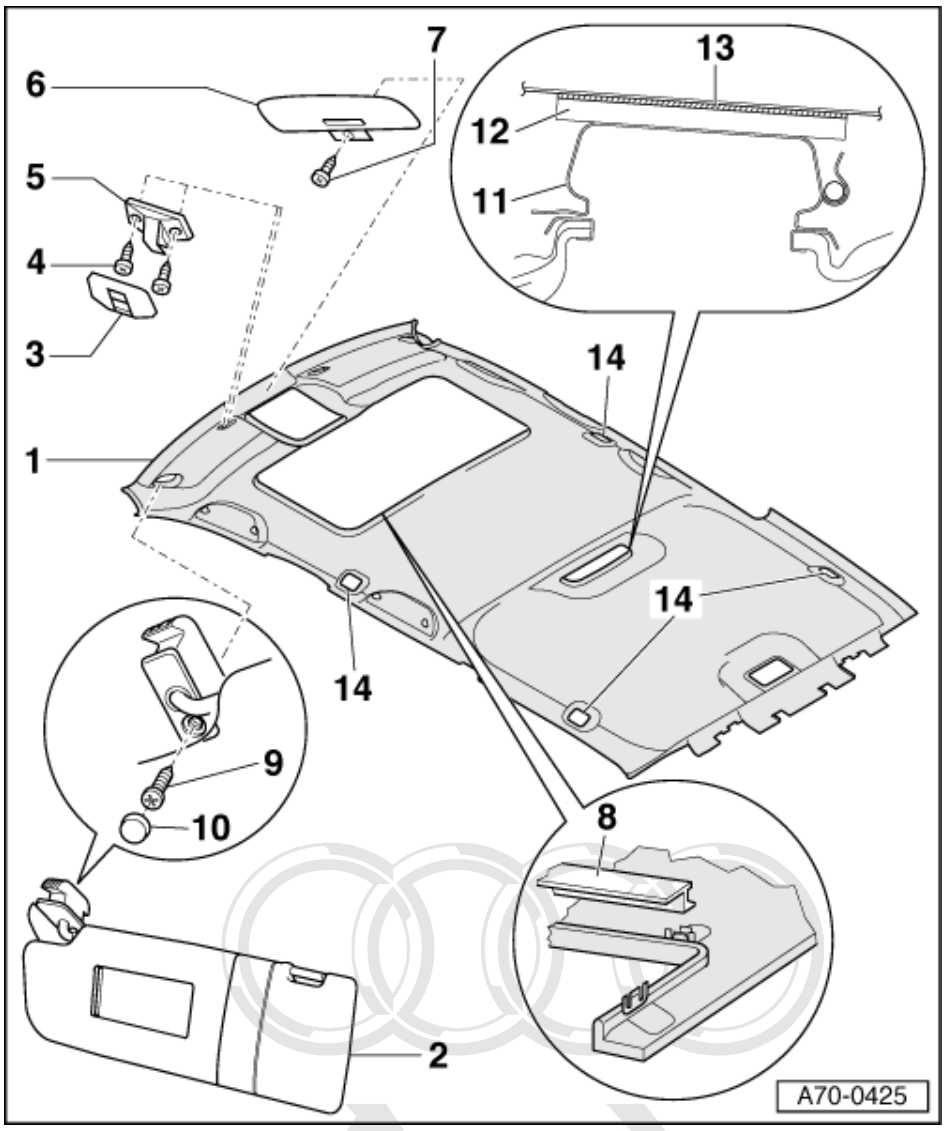


- A second person is required to support the moulded headliner.
- Attach moulded headliner at rear.
- Attach moulded headliner at velcro fastening -12-.
- Attach centre sun visor -6-.
- Unclip trim frame for sliding/tilting roof -8-.
- Carry out remainder of installation in reverse order of removal.

2 Sun visor

- Unclip sun visor -2- from bracket -5- unclip trim cap -10- and unscrew bolt -9-.

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3 Trim cap

4 Bolts (2x)
- Tightening torque 2.5 Nm

5 Sun visor bracket
- Lever off cap -3-.
- Remove bolts -4- (2x).

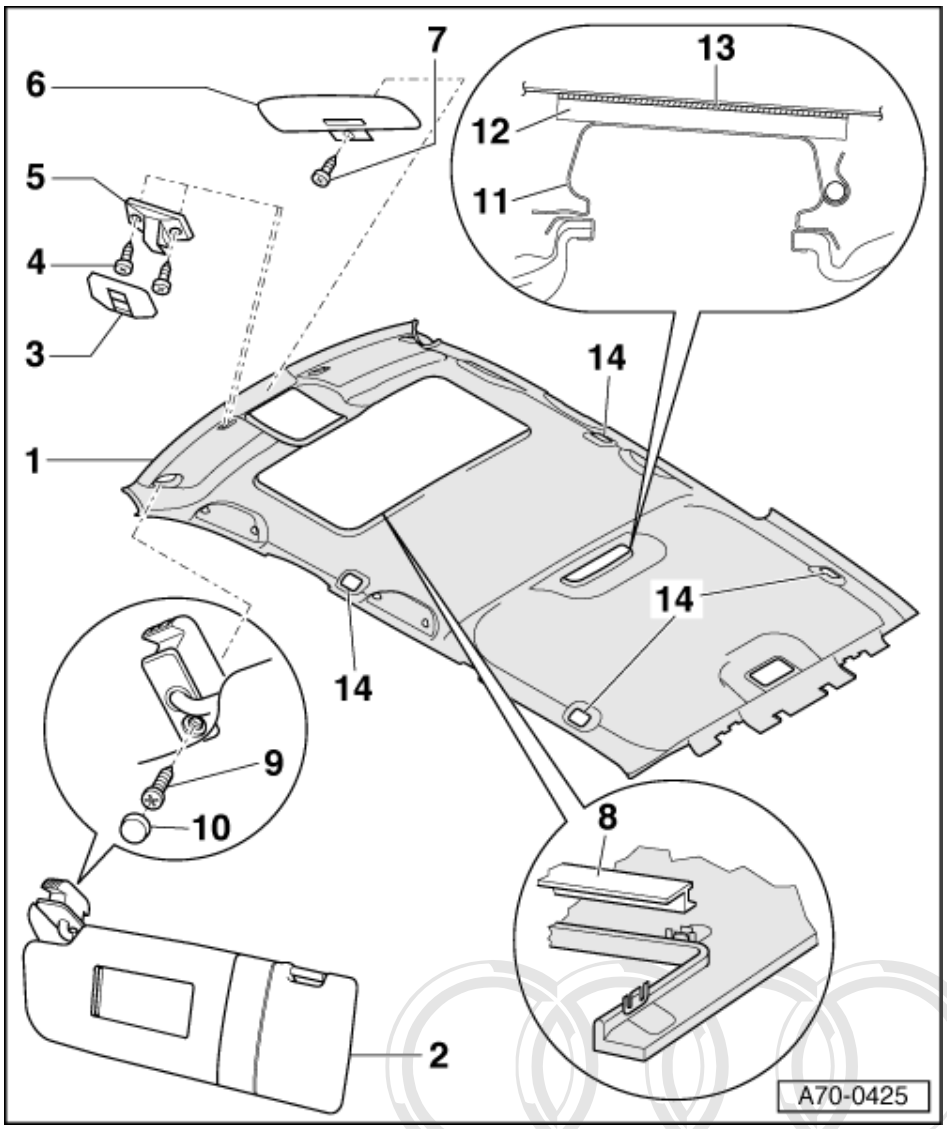
6 Centre sun visor
- Unscrew bolt -7- and remove sun visor -6-.

7 Bolt
- Tightening torque 2.5 Nm

8 Frame trim for sliding roof

9 Bolt

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10 Trim cap

11 Bracket for interior light

12 Velcro fastening strip at bracket

13 Velcro fastening strip at moulded headliner

- If the velcro fastening strip detaches itself from the roof on removal attach velcro fastening strip at headliner on installation and press hard.

14 Partition grille trim eyelet

- Removing => Fig.: 3

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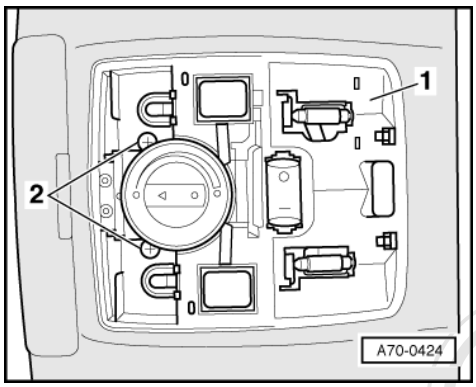
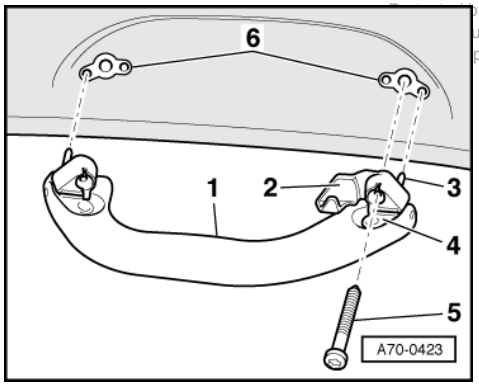


Fig.:1 Removing and installing cover for moulded headliner cut-out

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

Fig.:2 Removing roof grab handle

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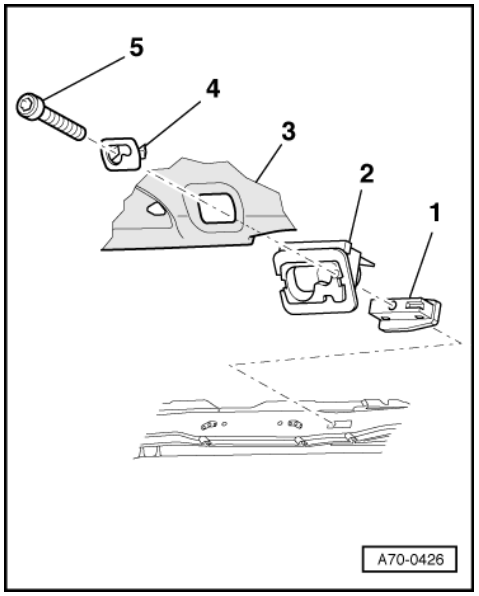


◆ In vehicles without head airbag an adapter must be fitted => Page 160

- -> Open cover -4- as far as possible.
- Remove bolts -5- (2x).
- Tightening torque 4 Nm
- Pull roof grab handle -1- with the prefixings -3- out of the retainers -6-.

3 - Coat hook
- Coat hooks for rear roof grab handles
- Coat hook faces forward.

Fig.:3 Remove attachment eyelet and partition grille eyelet trim



- Use screwdriver to push up roller at eyelet -1-.
- Unscrew bolt -5-.
- Tightening torque 4 Nm

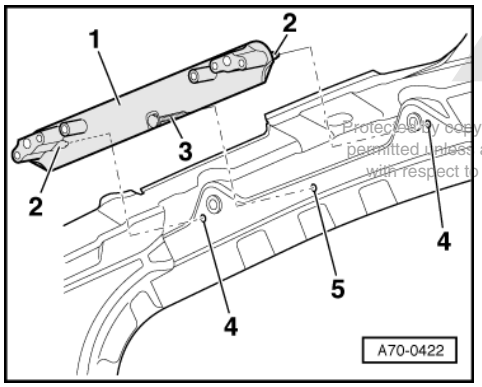
Note:

Remove attachment eyelet together with trim -4- and moulded headliner -3-.

- After lowering moulded headliner onto seats release trim -4- from rear.

1 - Adapter
- Only in vehicles without head airbag
3 - Moulded headliner

7.4 - Installing adapter for roof grab handle



Note:

In vehicles without head airbag an adapter for roof grab handle is installed.

Attachment of roof grab handle same front and rear.

- -> Insert pre-retainer clip -3- into retainer -5-.

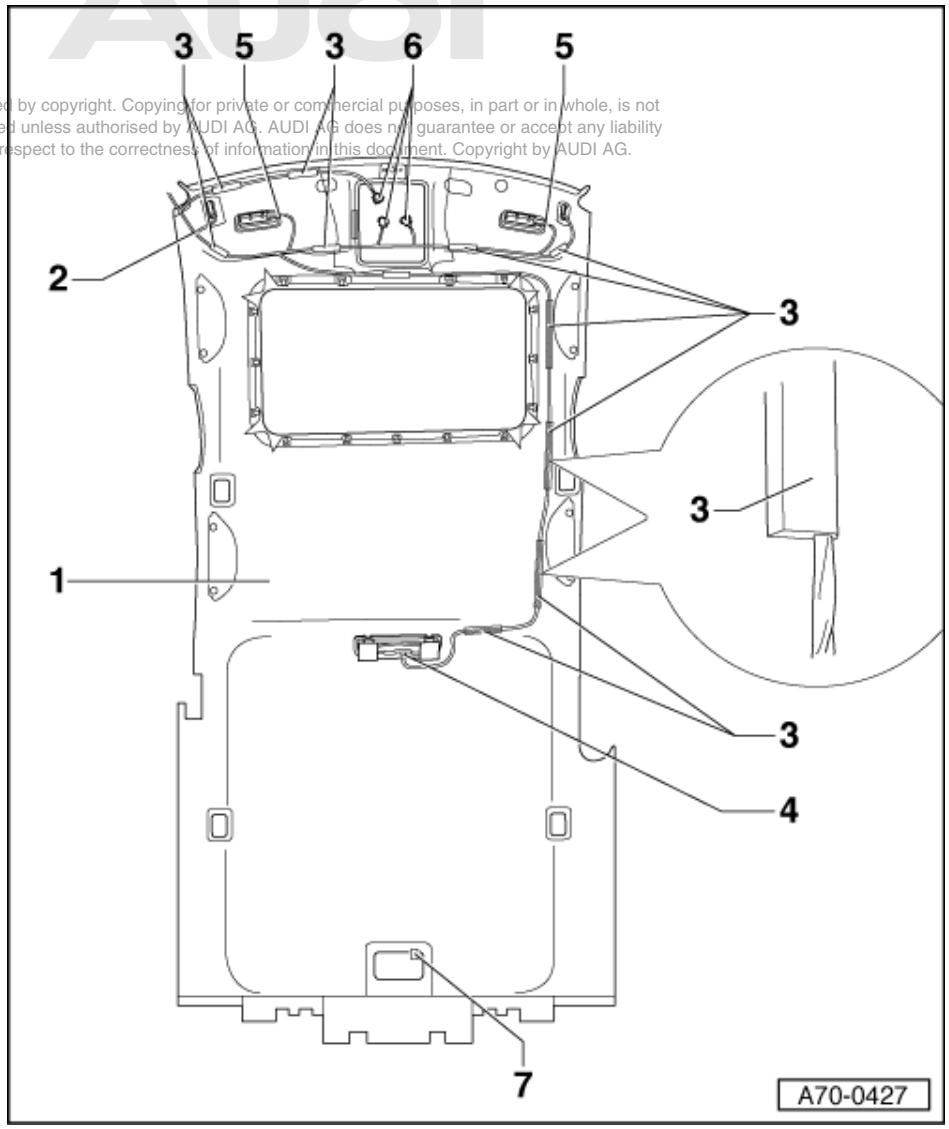
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- Insert pins -2- into retainers -4-.

1 - Adapter for grab handle

7.5 - Cable routing on rear side of moulded headliner

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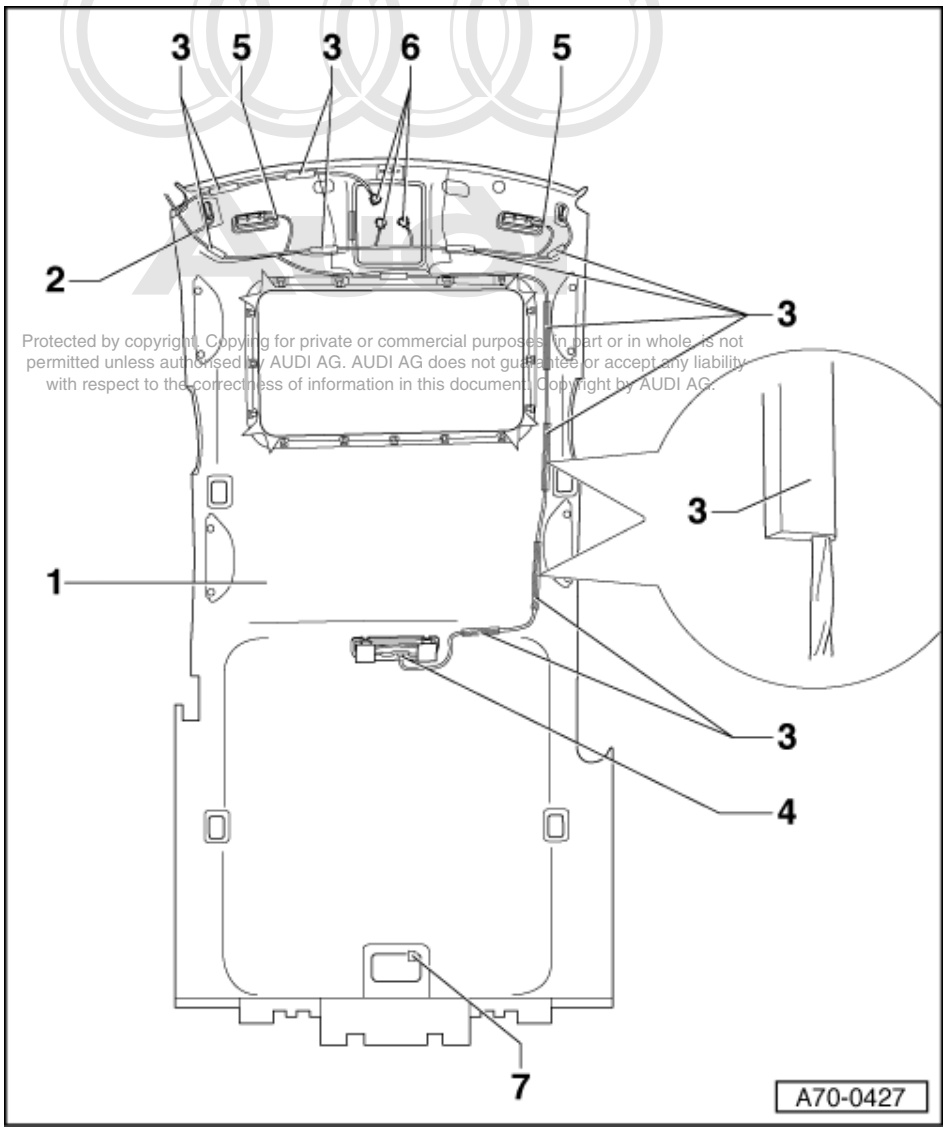


1 Rear side of moulded headliner

Remove moulded headliner (resting on seats).

- Detach connector -4-.
- Detach connectors -5-.
- Detach adhesive tape -8-.
- Unclip cable guides -3-.
- When installing, cables for the sun visors must be attached with adhesive tape -8-.

2 Wiring harness



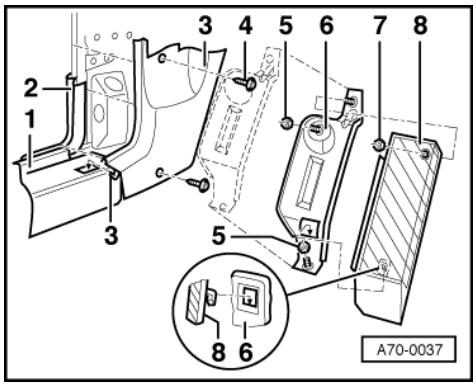
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3 Cable guide (6x)
4 Plug connection for interior centre front light
5 Connectors for sun visor lights
6 Connector for interior lighting
7 Connector for interior rear light

8 - Trims

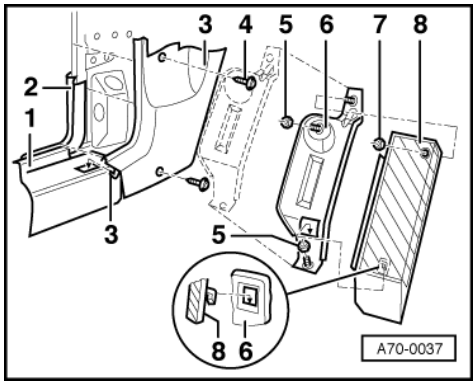
8.1 - Trims

8.2 - Removing and installing lower A-pillar trim



- -> To remove A-pillar, unscrew bolts -4- (2x) (tightening torque 1.5 Nm).
- Pull off door seal -2- in area of A pillar trim.
- Detach A -3- pillar from sill panel -1-.

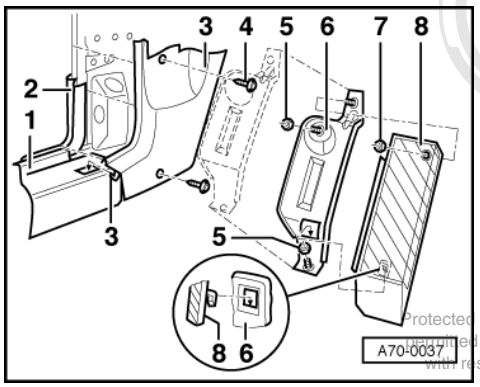
8.3 - Removing and installing foot rest and foot rest bracket



◆ Remove foot rest.

- -> Remove lower A-pillar trim => Page 175
- To remove foot rest -8-, unscrew nut -7- and lift out of support bracket -6-.

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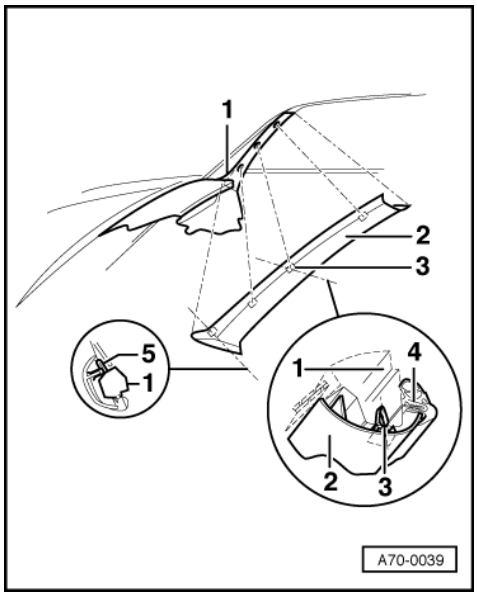


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◆ Removing foot rest bracket

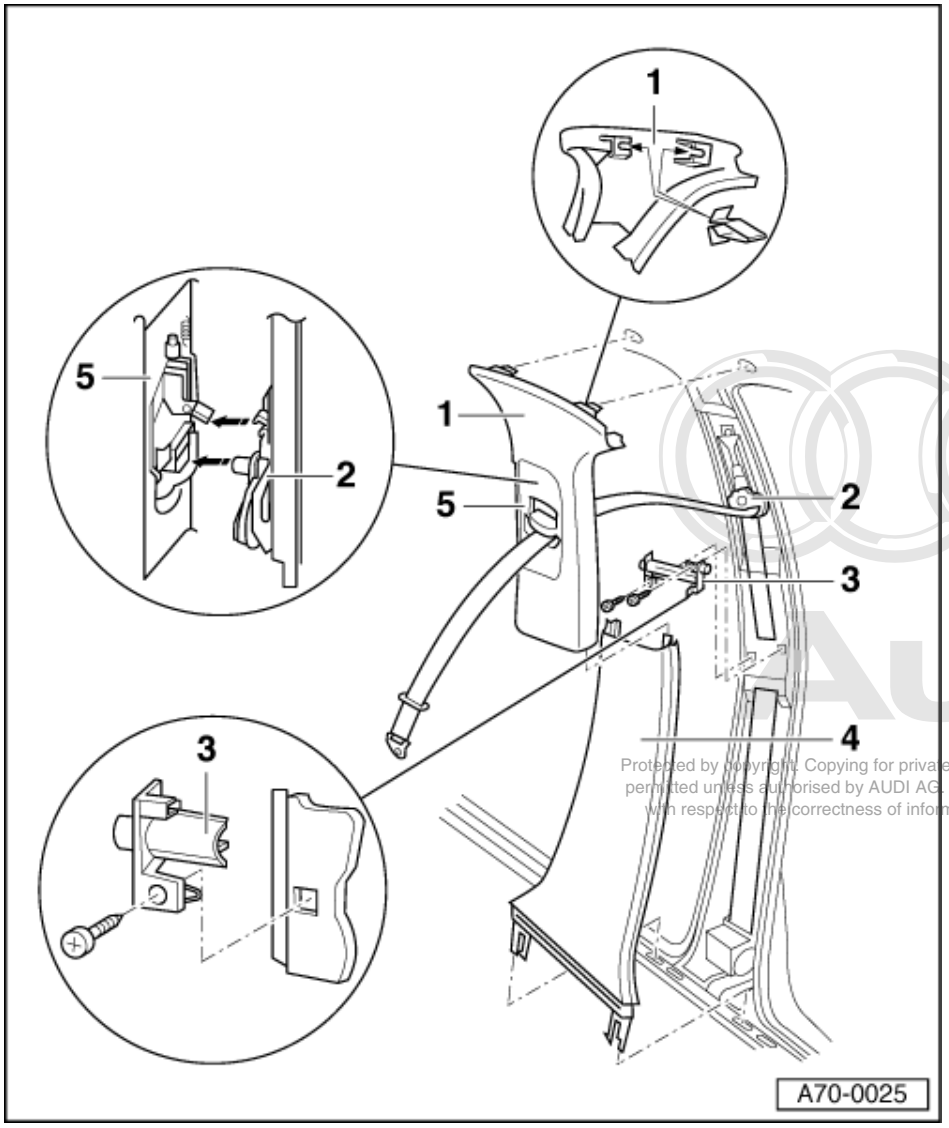
- -> Remove foot rest
- Fold back floor covering around foot rest bracket.
- To remove support bracket -6-, unscrew nuts -5- (2x).

8.4 - Removing and installing upper A-pillar trim



- -> Unclip A-pillar trim -2- 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.

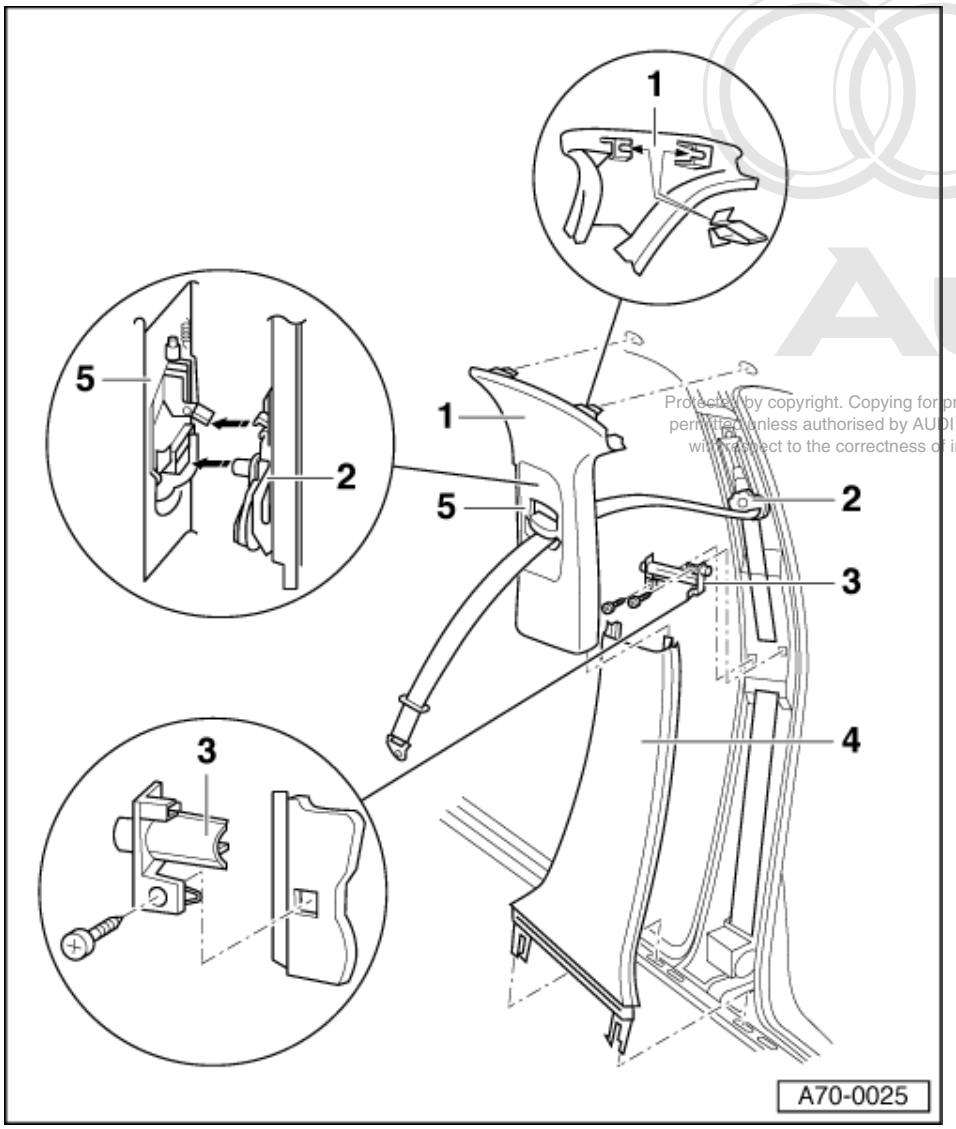
8.5 - Removing and installing B-pillar trim



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1 Upper B-pillar trim

- Removing
  - Unclipping upper B-pillar trim -1-, =>Fig 2
  - Pull B-pillar trim -1- upwards out of B-pillar trim -4-.
  - Detaching three-point seat belt at sill panel => Page 45
  - Guide three-point seat belt out of B-pillar trim -1-.
- Installing
  - Fit B-pillar trim -1- in position in B-pillar trim -4-.



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Note:

Do not press button when installing.

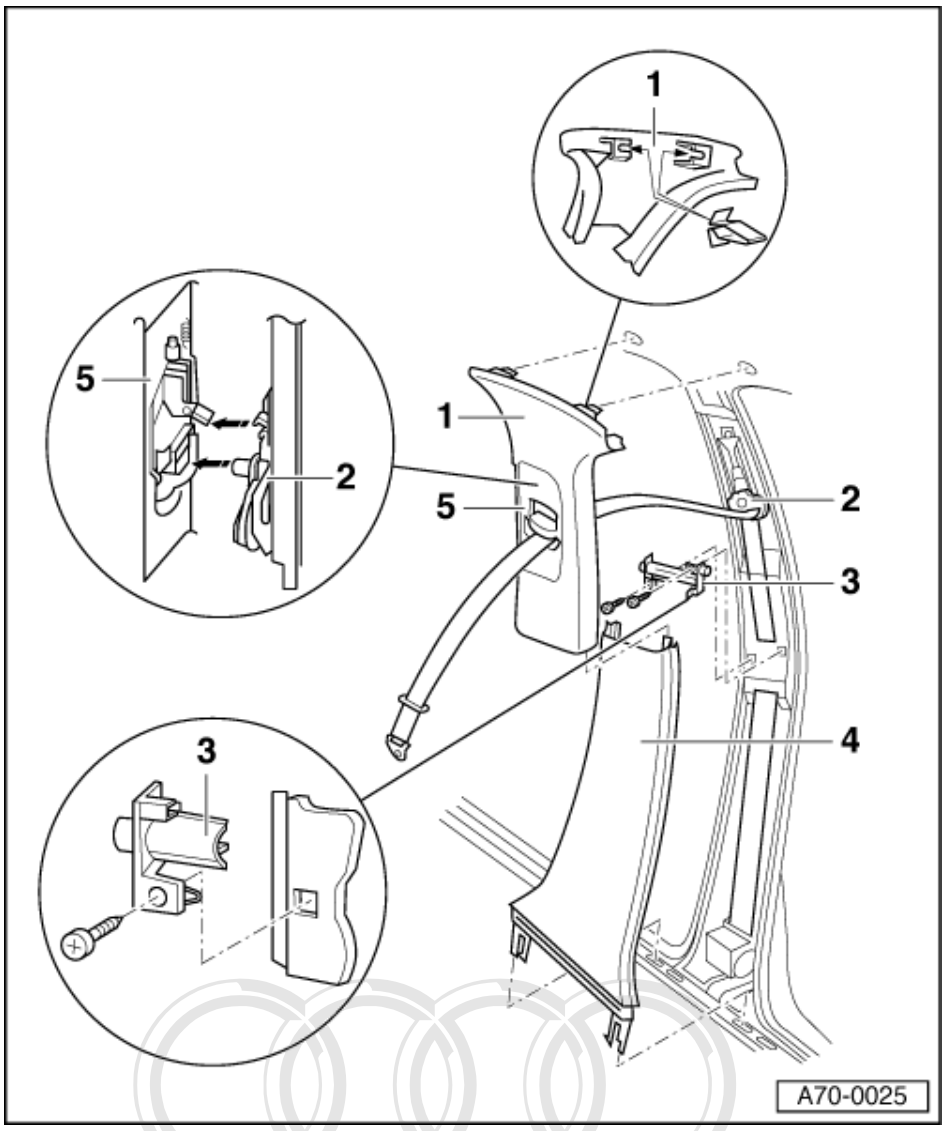
- Clip in upper B-pillar trim
- Trim for belt guide -5- must be positioned in belt height => Fig 1

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 Guide fitting
3 Belt guide
4 Lower B-pillar trim

- Removing
  - Remove upper B-pillar trim -1- (without detaching three-point seat belt).
  - Press back retaining lugs (2x) of B-pillar trim at sill panel
  - Detach trim -4- upwards and disengage from belt guide -3-.
- Installing
  - Install in reverse order.

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5 Trim for belt height adjuster

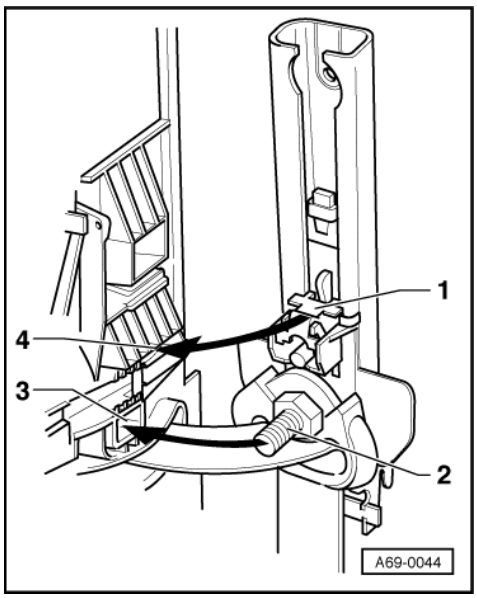
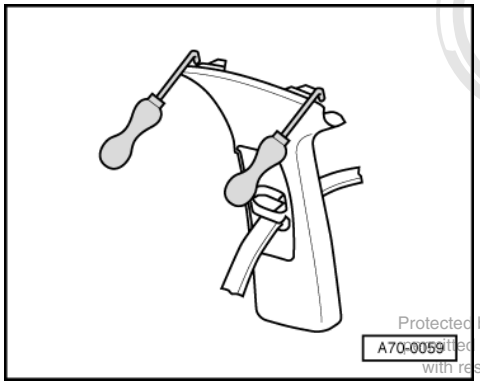


Fig.:1 Installing upper B-pillar trim in belt height adjuster

- 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-.

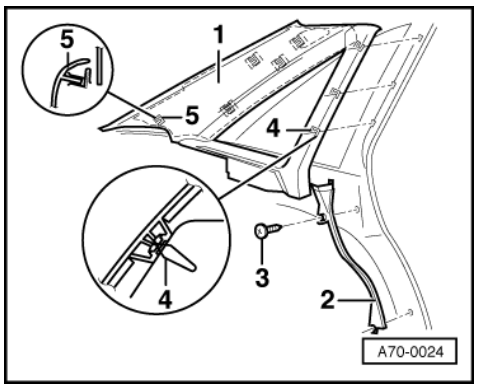


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Fig.:2 Removing lower B-pillar trim

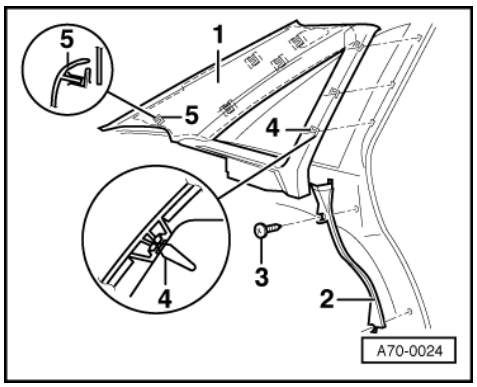
- -> To facilitate disassembly use two assembly hooks -2 -.
- Apply assembly hooks next to fasteners.

8.6 - Removing and installing C/D-pillar trim



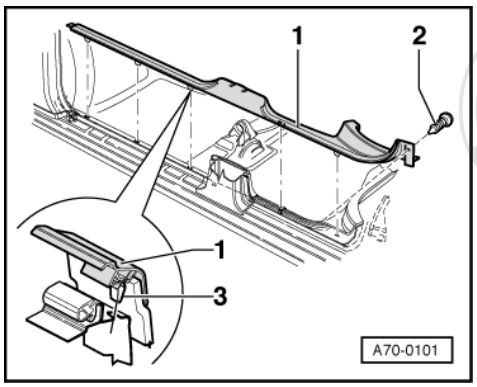
- Remove rear seat backrests
- -> Starting at top and working downwards unfasten trim -1- from clips -4- (7x).
- Lift trim -1- out of holder -5-.

8.7 - Removing and installing lower C-pillar trim



- Remove rear seat backrest.
- -> Unscrew bolt -3-. Tightening torque 1.5 Nm.
- Remove trim -2-.

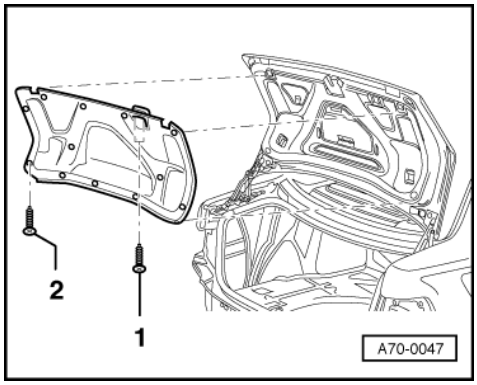
8.8 - Removing and installing sill panel trim



- Remove lower A-pillar trim.
- Unscrew self-tapping bolt -2-.
- -> Pull out sill panel trim -1- with clips -3-.

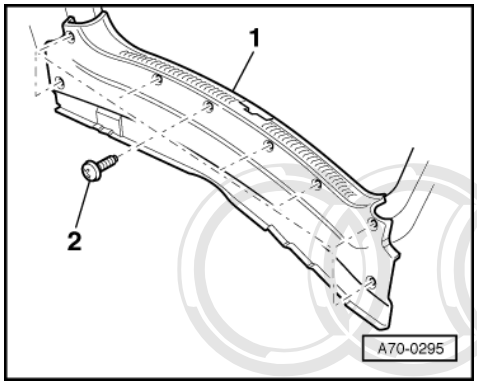
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8.9 - Removing and installing boot trim



- Removing holder for warning triangle.
- -> Remove bolt -1- (2x).
- Unscrew bolts -2- (12x) (flock-coated in same colour as lining) and detach trim.

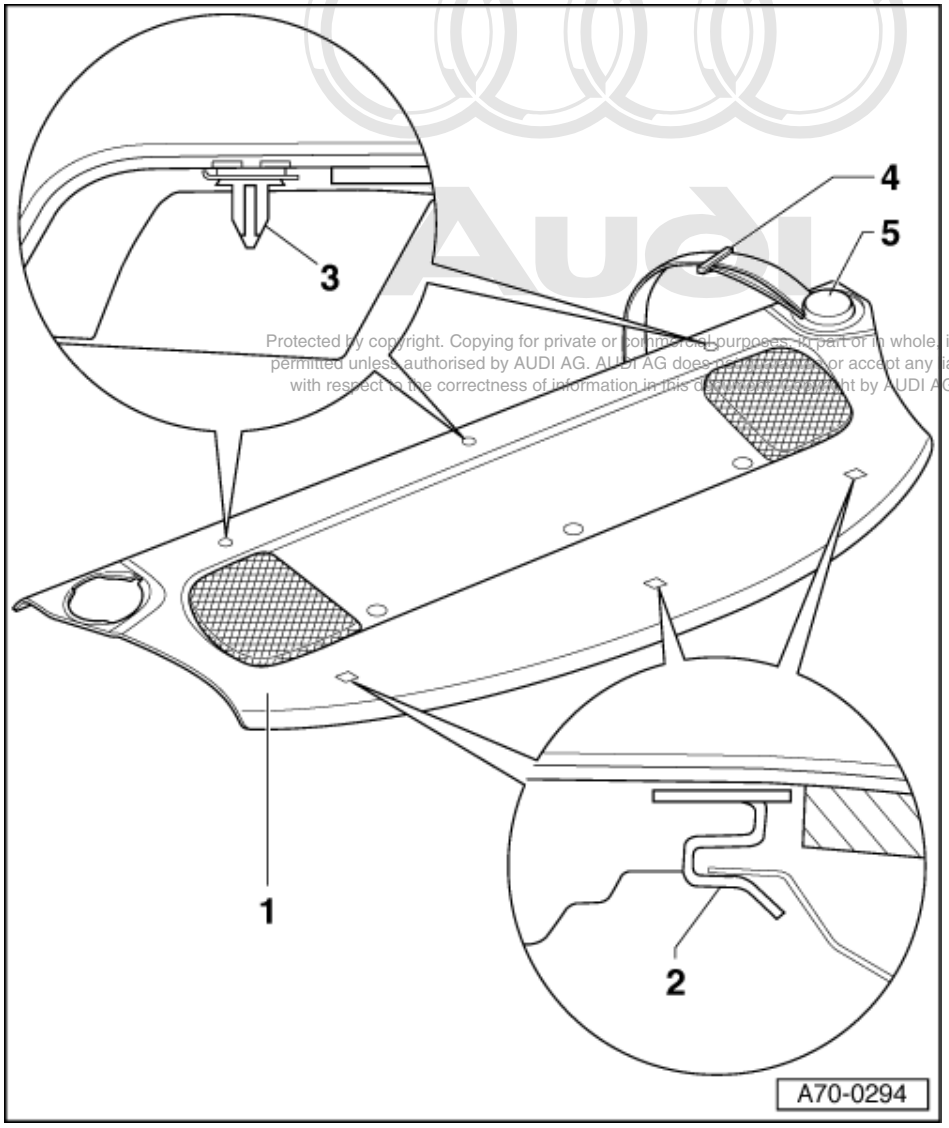
8.10 - Removing and installing rear cross panel trim



- -> Unscrew bolts -2- (8x). Tightening torque 2 Nm.
- Lift out rear panel trim -1-.

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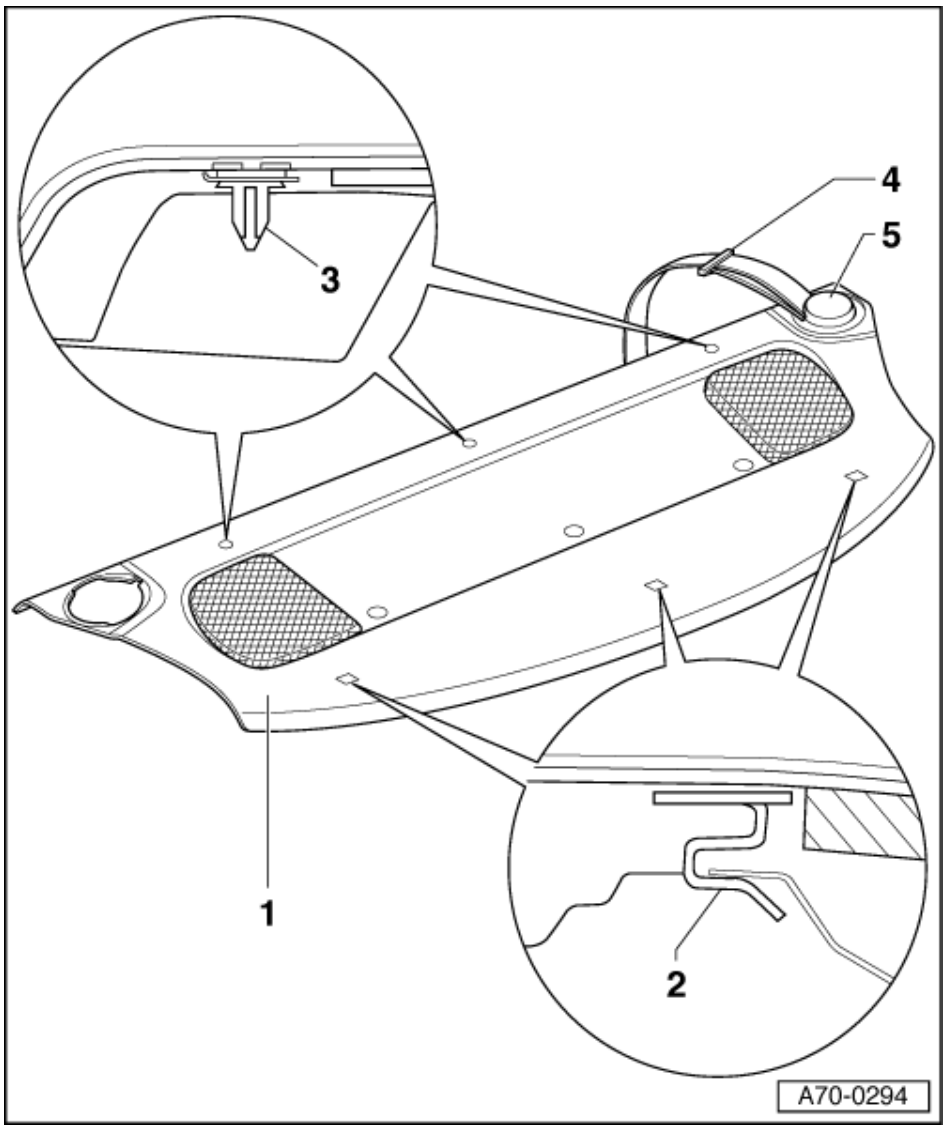
8.11 - Removing and installing rear shelf



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1 Rear shelf

- Removing
  - Detach lower anchor of rear left and right three-point seat belt => Page 46
  - Remove rear left and right side padding => Page 323
  - Unclip trim -5- and guide -4- for rear left and right three-point seat belt => Page 185
  - On vehicles with additional brake light detach additional brake light connector working from boot.



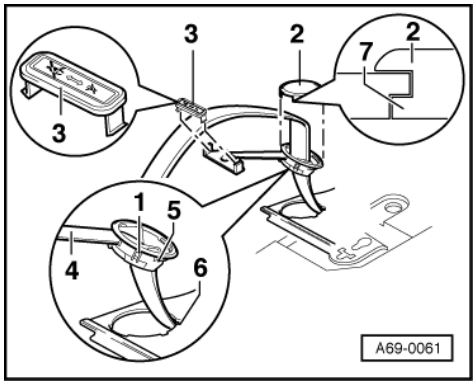
- Unfasten clips -3- (3x) by carefully lifting rear shelf.
- Pull out rear shelf to front.

◆ Installing
- When fitting, press down rear shelf -1- slightly until clips -2- (3x) engage.
- Engage clips -3- (3x).
- Perform remaining installation steps in reverse order of removal.

2 Clip (3x)
3 Clip (3x)
4 Guide
5 Cover

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8.12 - Removing rear belt adjuster

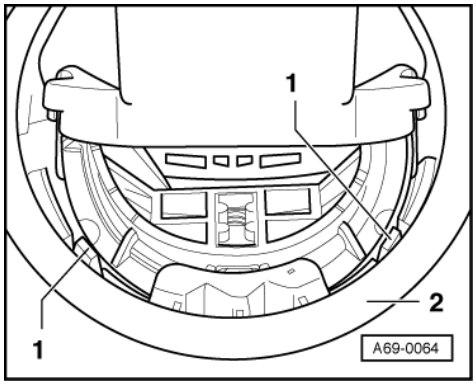


- Removing:

Note:

The rear shelf does not have to be taken out in order to remove the rear belt adjuster.

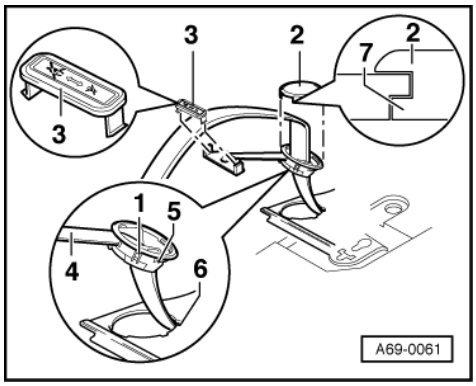
- -> Unfasten lower attachment point of rear three-point seatbelt. Tightening torque 50 Nm.
- Unclip belt guide trim -3-.
- Lever out belt adjuster trim -2- on left and right at tab -7-.
- Raise arm of belt adjuster -4- with webbing.



- -> Use screwdriver to press retainer tabs -1- (2x) inwards and at the same time pull belt adjuster -2- upwards.
- Pull webbing through belt adjuster -2-.

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- Installing:



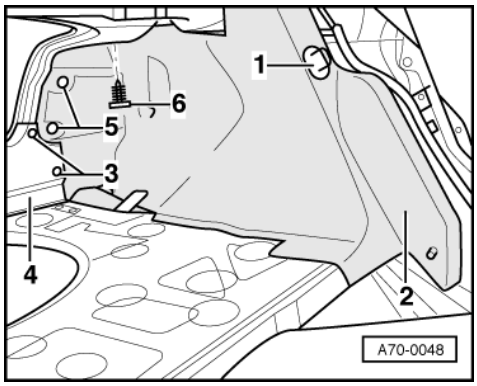
- -> Ensure that retainers -1- (2x) engage properly.
- Ensure that rear stud engages in recess -6-

- Fitting guide -5- must face centre of vehicle.

8.13 - Removing and installing left/right boot trim

Folding backrest

- Remove side padding => Page 323
- Removing and installing split backrest => Page 312
- Remove vehicle tool kitand jack.

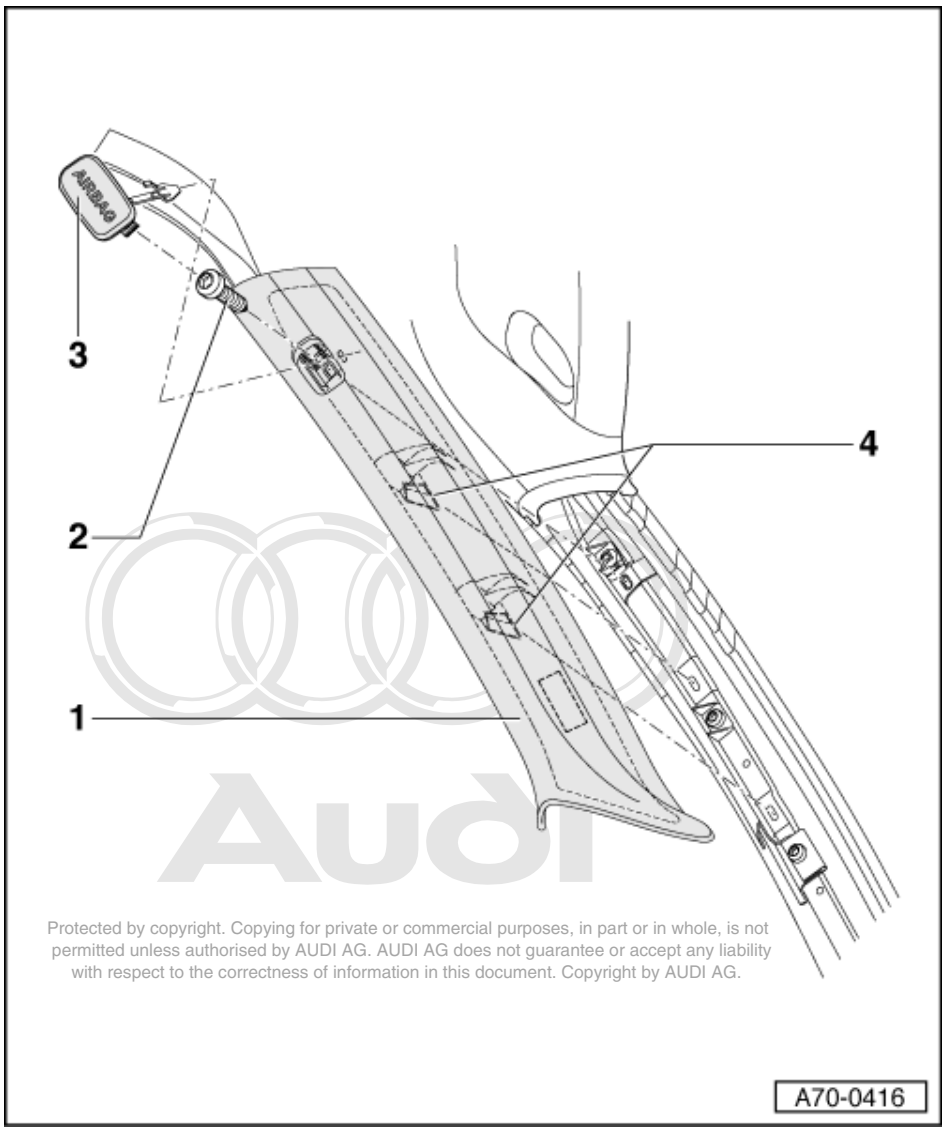


- -> Remove cover-1- forcatch and lever out lining -2-.
- Lever off plastic clips -5- (2x) at taillight.
- Remove bolts -3- for sill trim -4-. Tightening torque 1.5 Nm.
- Unfasten clip -6- at left side panel reinforcement.
- Raise sill trim -4- slightly and pull out lining -2-.
- Tilt trim towards centre of vehicle and remove.

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9 - Trims

9.1 - Trims



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9.2 - Trims MY 1999 > from chassis no. 8DXA 200 001 onwards

Note:

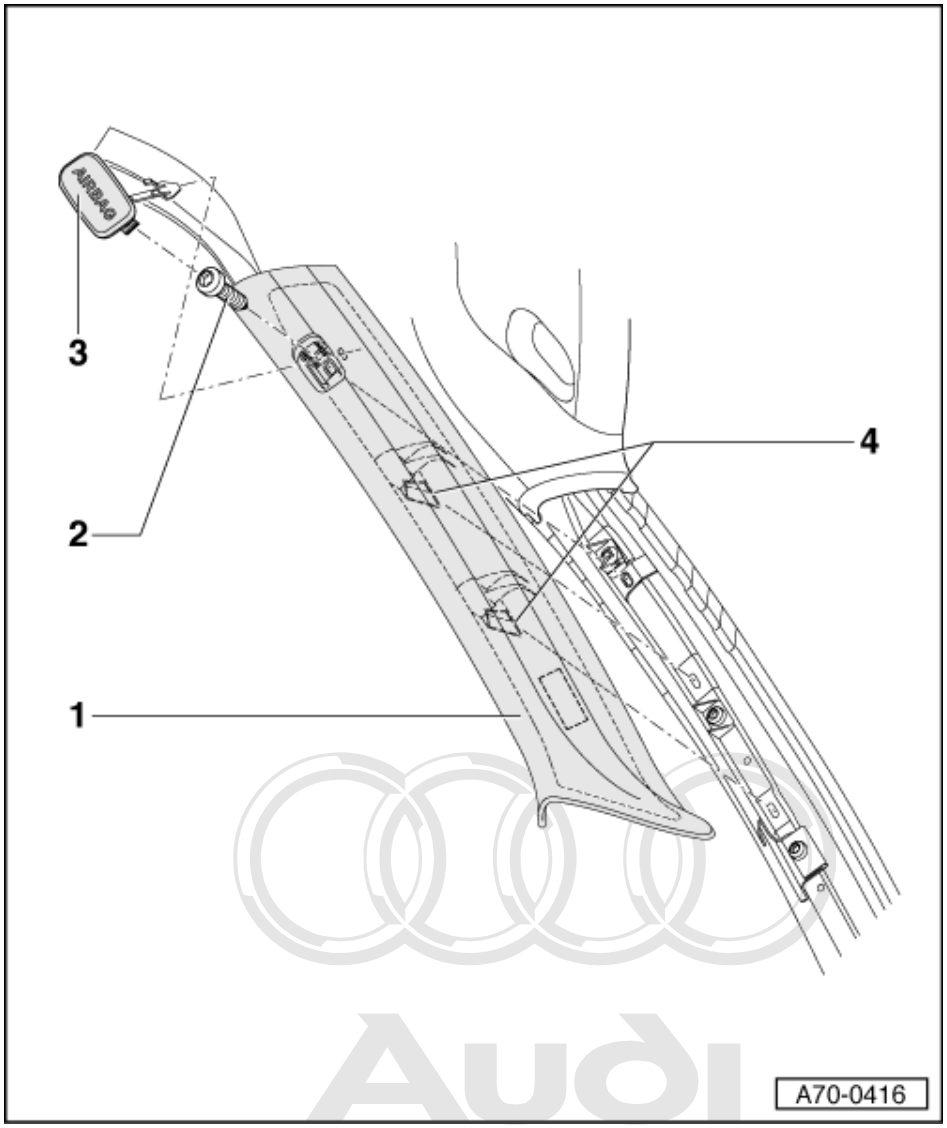
Please find to follow description of trims which are affected by model changes.

9.3 - Removing and installing upper A-pillar trim for head airbag

Important

1 Upper A-pillar trim

- Removing
  - Lever off cover -3-.



  - Suspend cover -3- from trim -1-.
  - Unscrew bolt -2-.

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Note:

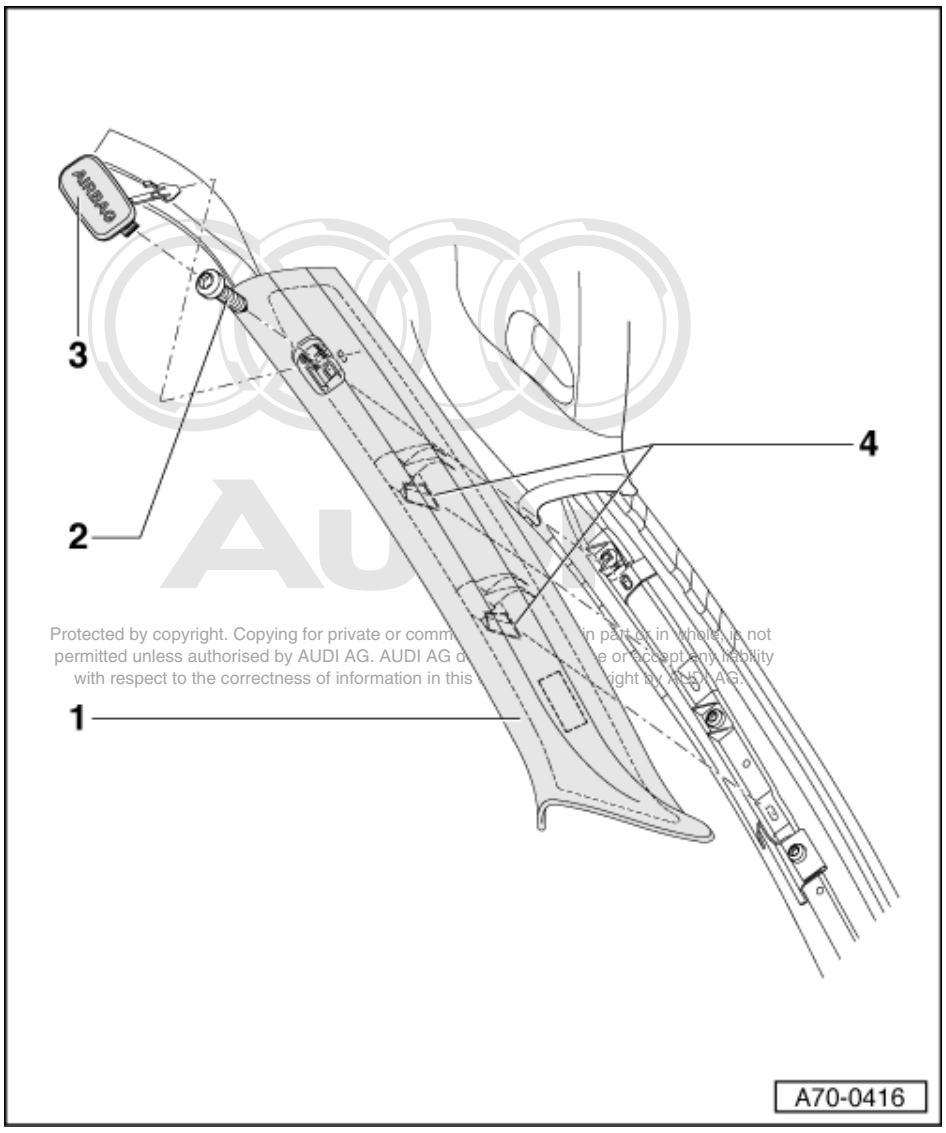
When disassembling trim of A-pillar -1- only pull on side facing window.

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

- Installing
  - 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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- Press on trim -1-.

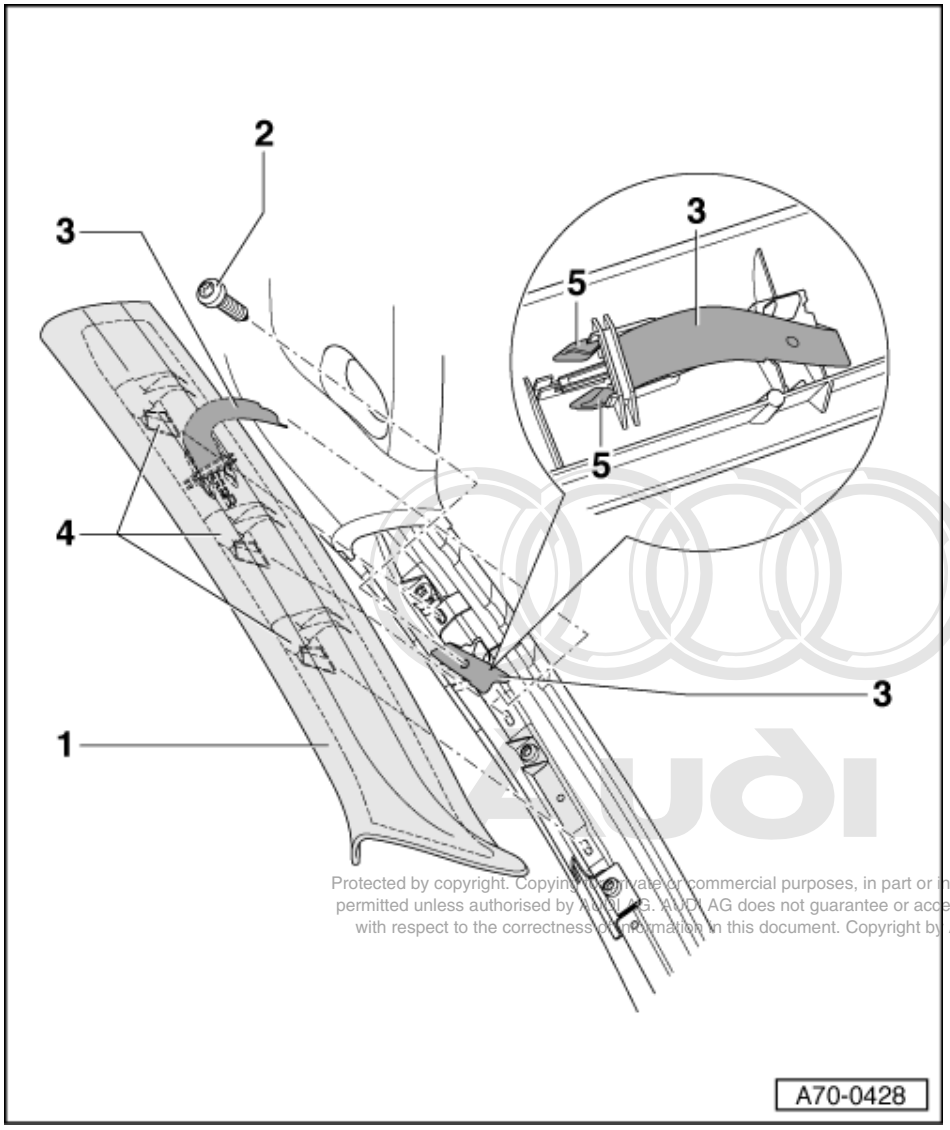
2 Bolt

- 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)

9.4 - Removing and installing upper A-pillar trim without head airbag



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1 Upper A-pillar trim

- Unclip trim -1-, starting from top.
- Reach behind trim -1- and the retaining lugs -5- from check arm-3-by squeezing them.

2 Bolt

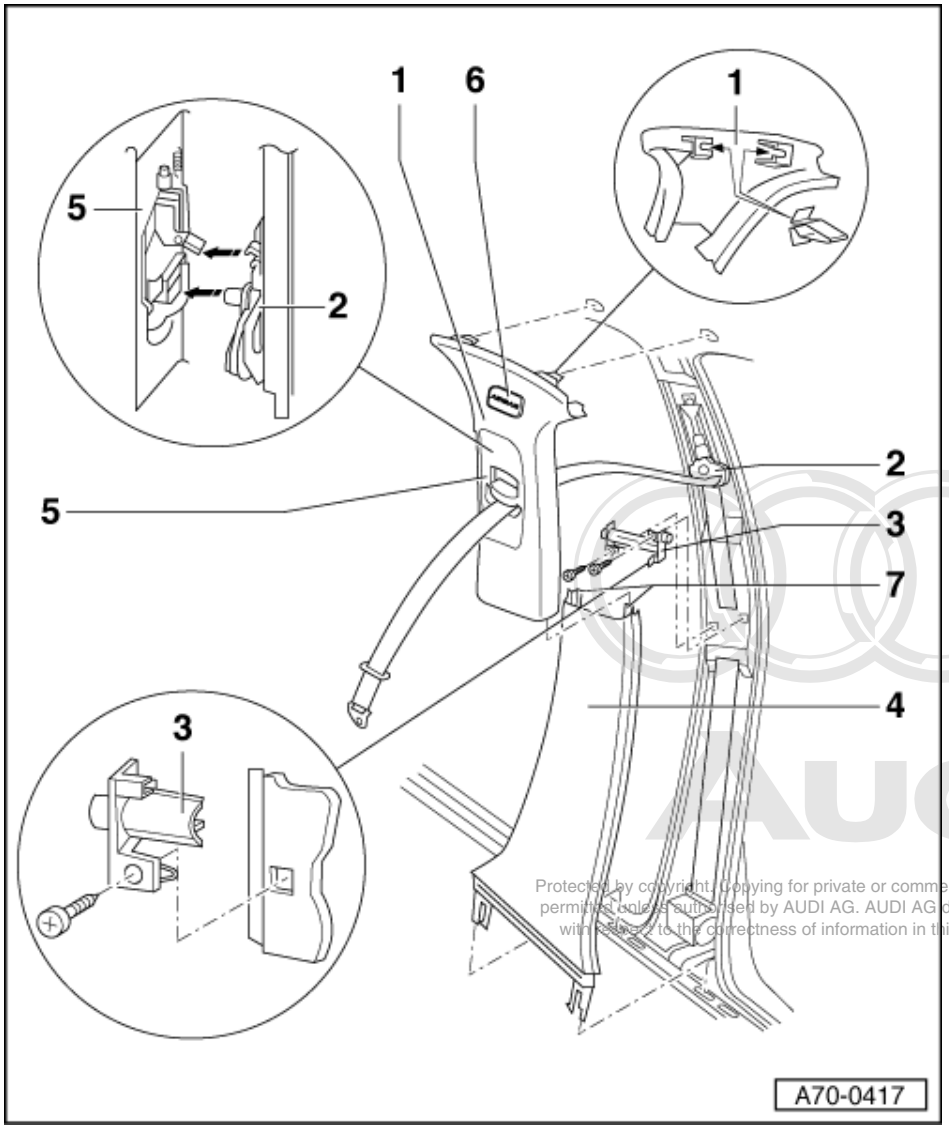
- Tightening torque 4 Nm
- ◆ Do not unscrew for removal of trim -1-.

3 Check arm

4 Clip (3x)

5 Retainer tabs

9.5 - Removing and installing B-pillar trim



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Important

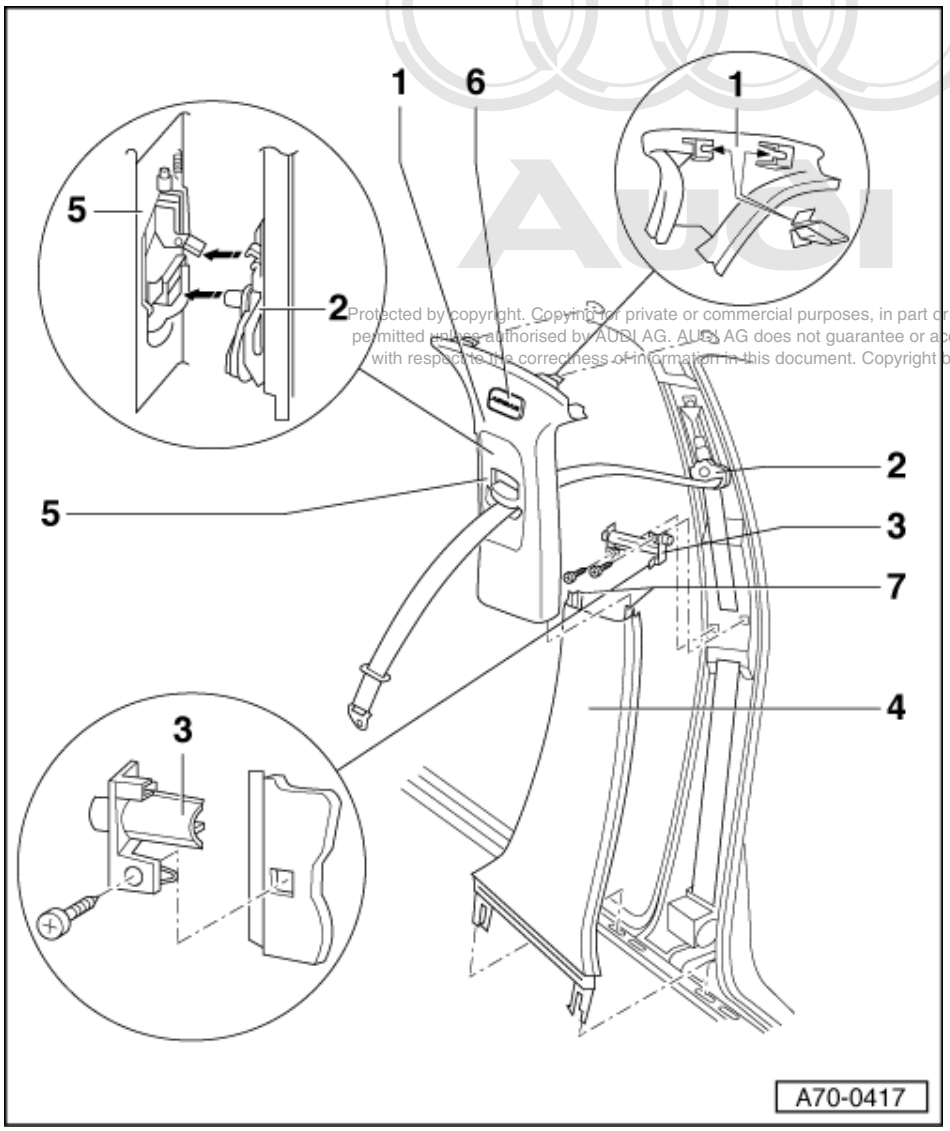
Note:

Removal and installation of upper B-pillar trim -1- is the same in vehicles with or without head airbag.

Airbag label -6- cannot be removed.

1 Upper B-pillar trim

- Removing
  - Unclipping upper B-pillar trim -1-, =>Fig.: 2
  - Pull B-pillar trim -1- upwards out of B-pillar trim -4-.



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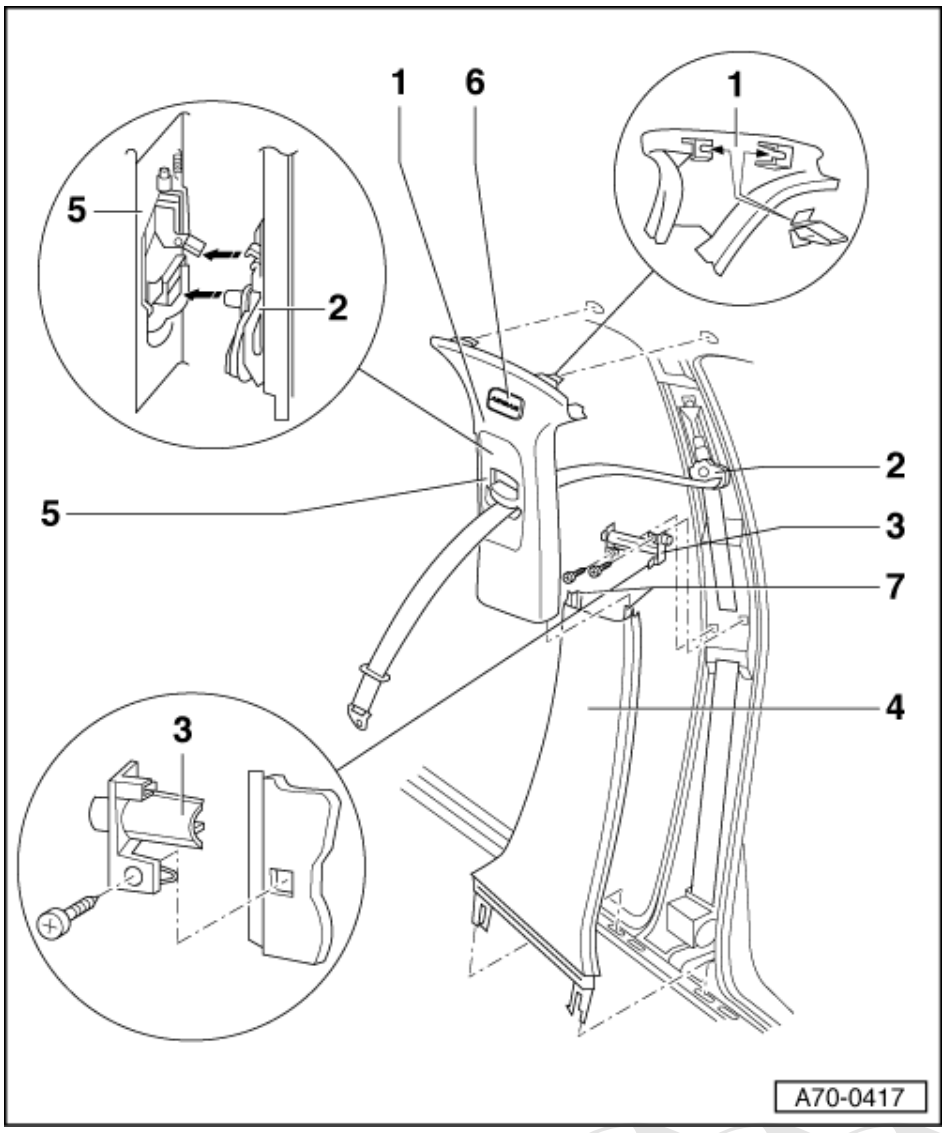
- Detaching three-point seat belt at sill panel => Page 45
- Guide three-point seat belt out of B-pillar trim -1-.

◆ Installing
- Fit B-pillar trim -1- in position in B-pillar trim -4-.

Note:

Do not press button when installing.

- Clip in upper B-pillar trim
- Trim for belt guide -5- must be positioned in belt height => Fig.: 1



Notes:

Check operation after installing trim:

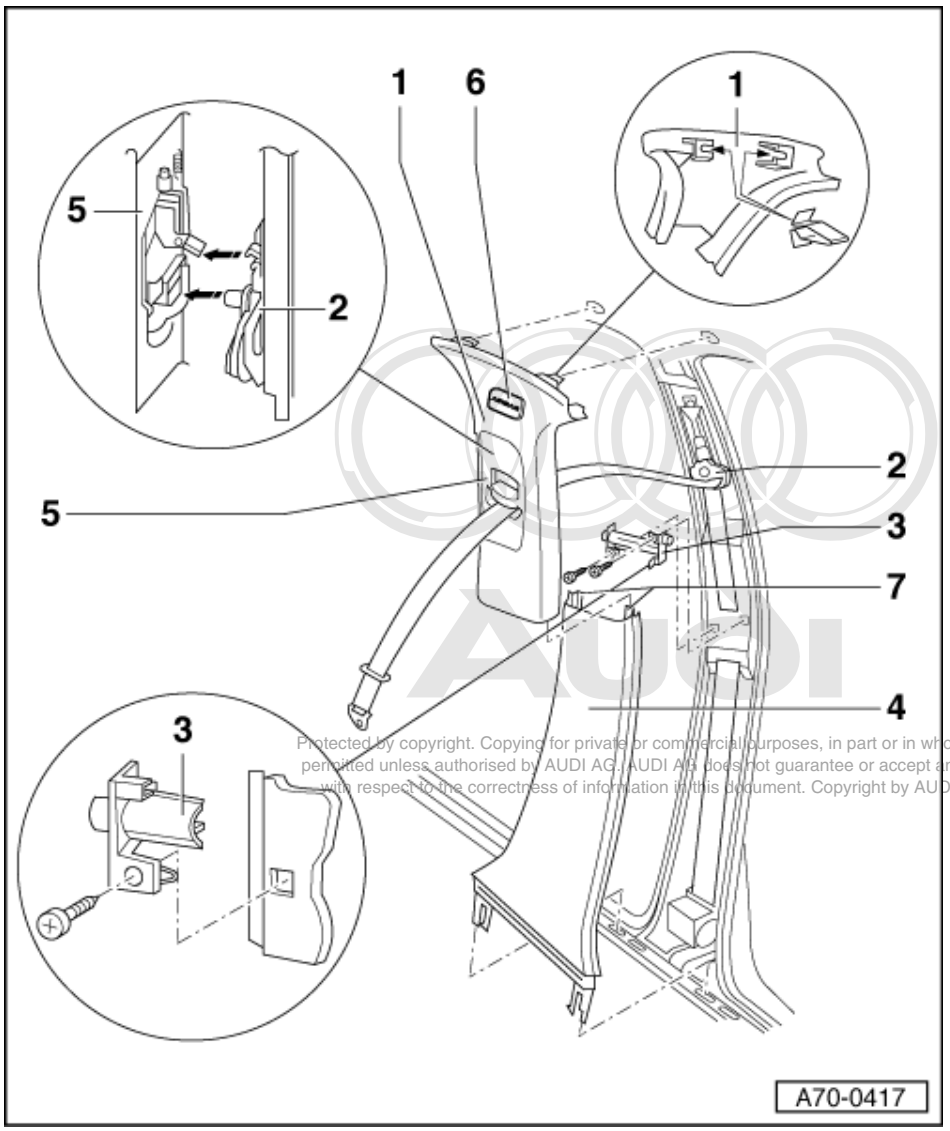
Height adjuster must engage audibly in each of the 5 possible positions (including top position).

Each time the height adjustment fitting is pressed it should return automatically to the "up" position.

2 Guide fitting
3 Belt guide
4 Lower B-pillar trim

- Removing
  - Remove upper B-pillar trim -1- (without detaching three-point seat belt).

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- Press back retaining lugs (2x) of B-pillar trim at sill panel
- Detach trim -4- upwards and disengage from belt guide -3-.

◆ Installing
- Install in reverse order.

5 Trim for belt height adjuster

6 Airbag Label

◆ Cannot be removed

7 Retaining tabs (2x)

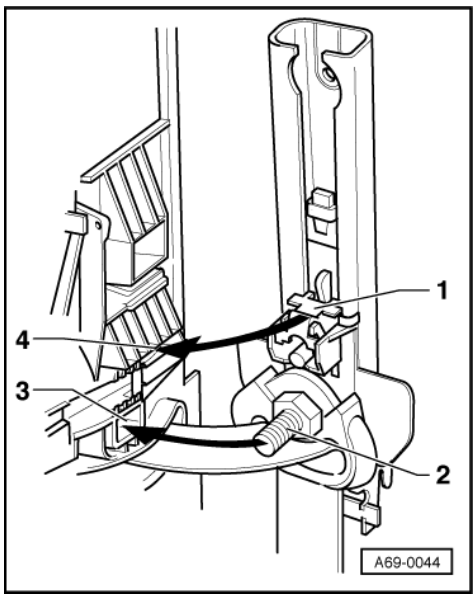
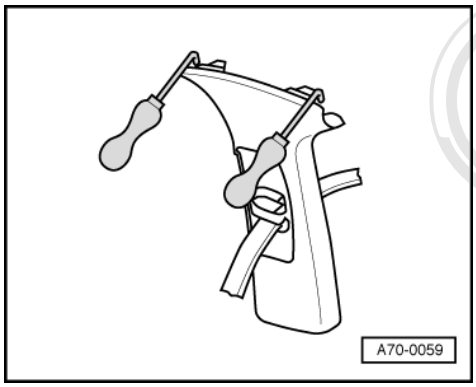


Fig.:1 Installing upper B-pillar trim in belt height adjuster

- 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-.

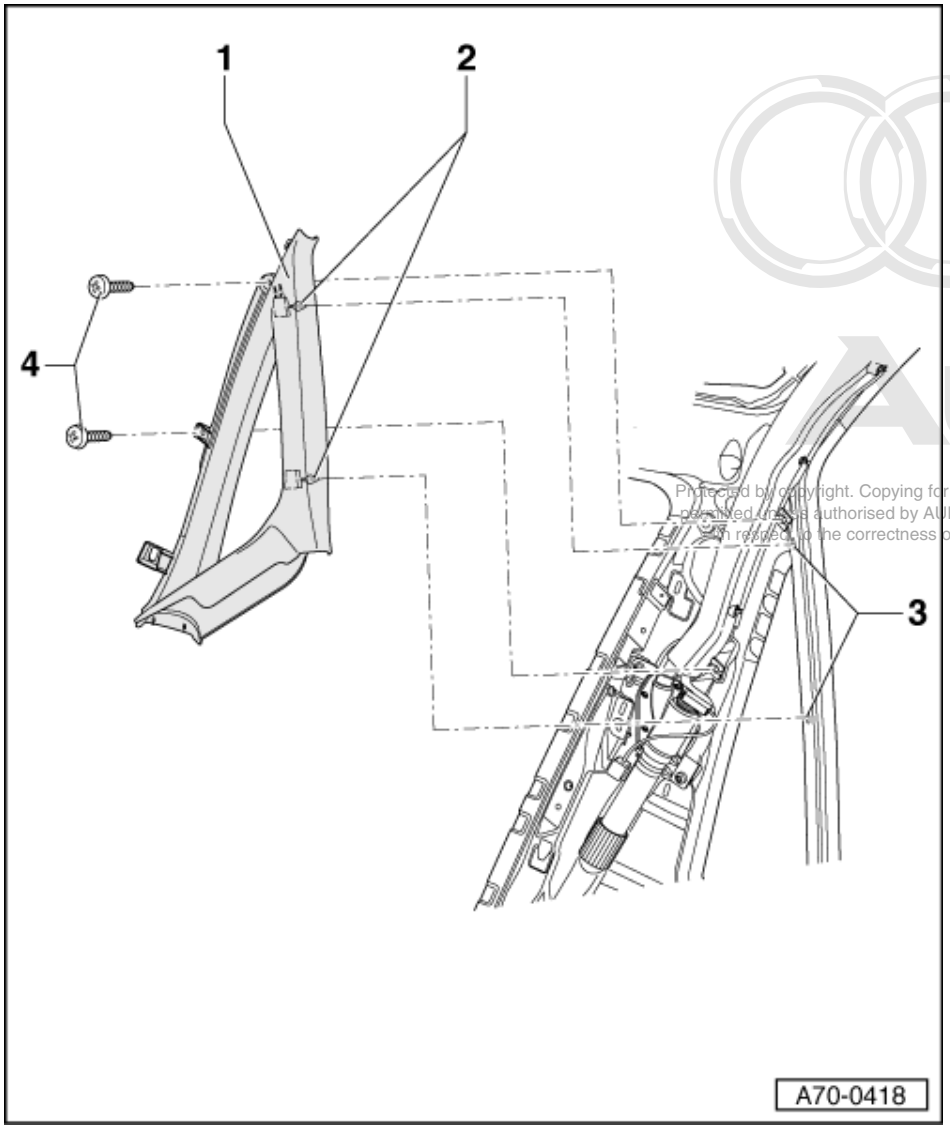


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Fig.:2 Removing lower B-pillar trim

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

9.6 - Removing and installing upper C-pillar trim

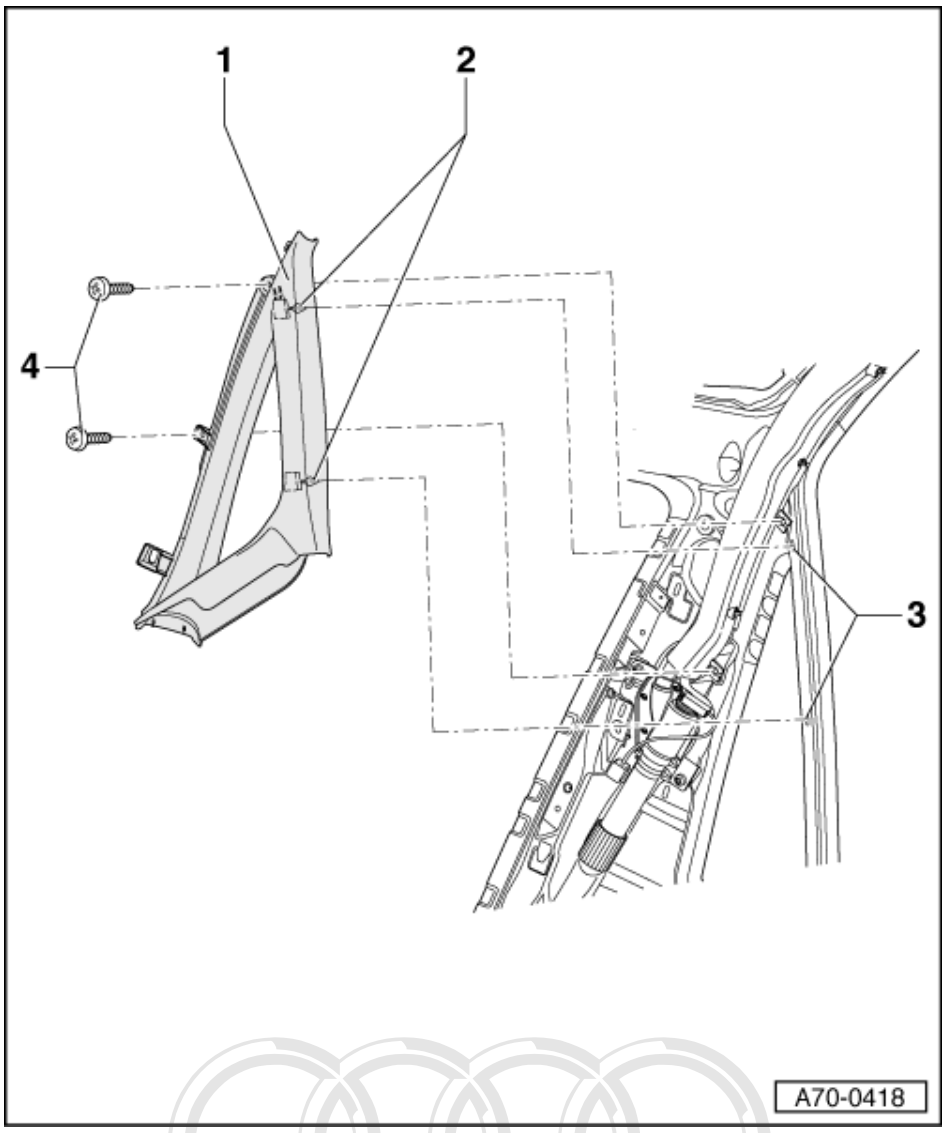


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Important

1 Upper C-pillar trim

- Removing
  - Remove upper D-pillar trim => Page 198
  - Remove bolts -4- (2x).
  - Unclip trim -1- (2x).



- Installing
  - Install in reverse order.

2 Clamp

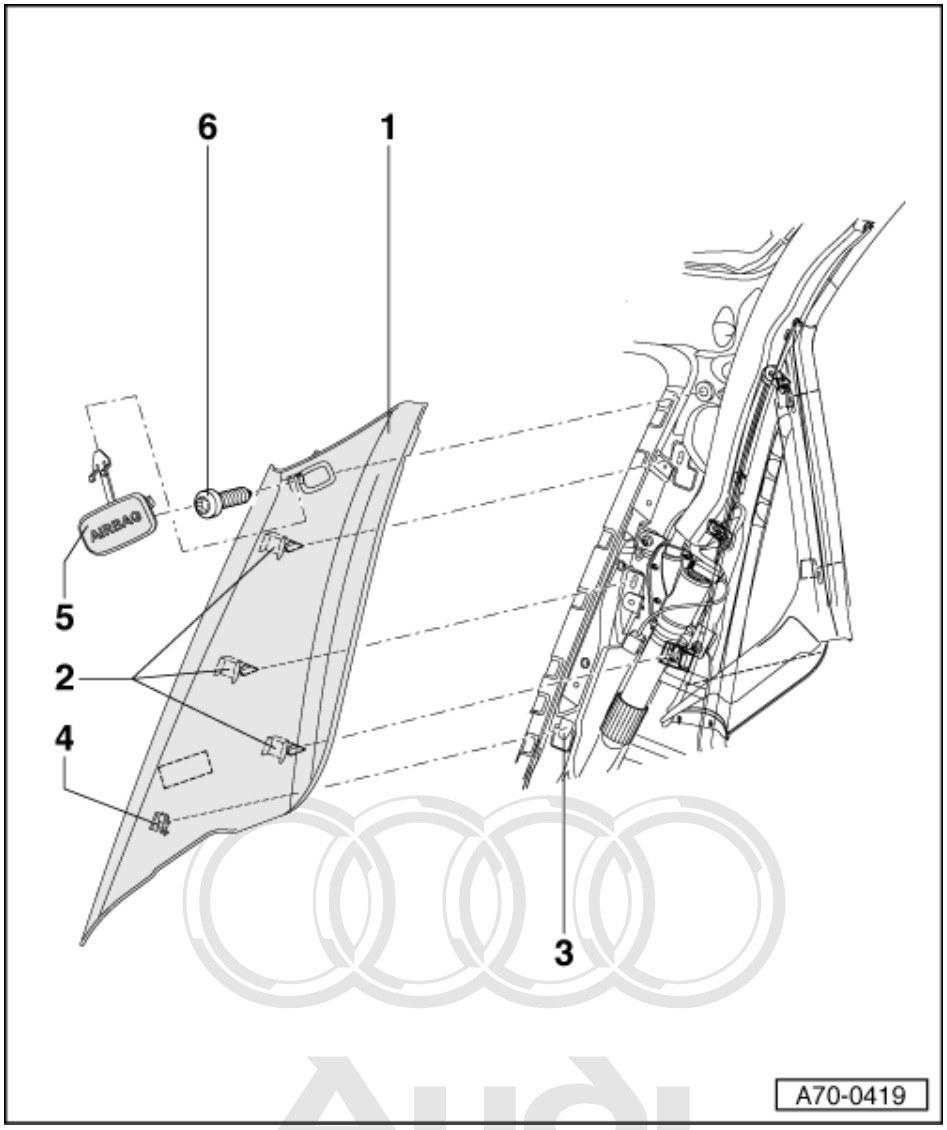
3 Retainers (2x)

4 Bolts (2x)

- Tightening torque 2.6 Nm
- Self-locking
- Replace
- Threaded bores for bolts must always be cleaned (e.g. with a thread tap).

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9.7 - Removing and installing D-pillar trim



Important

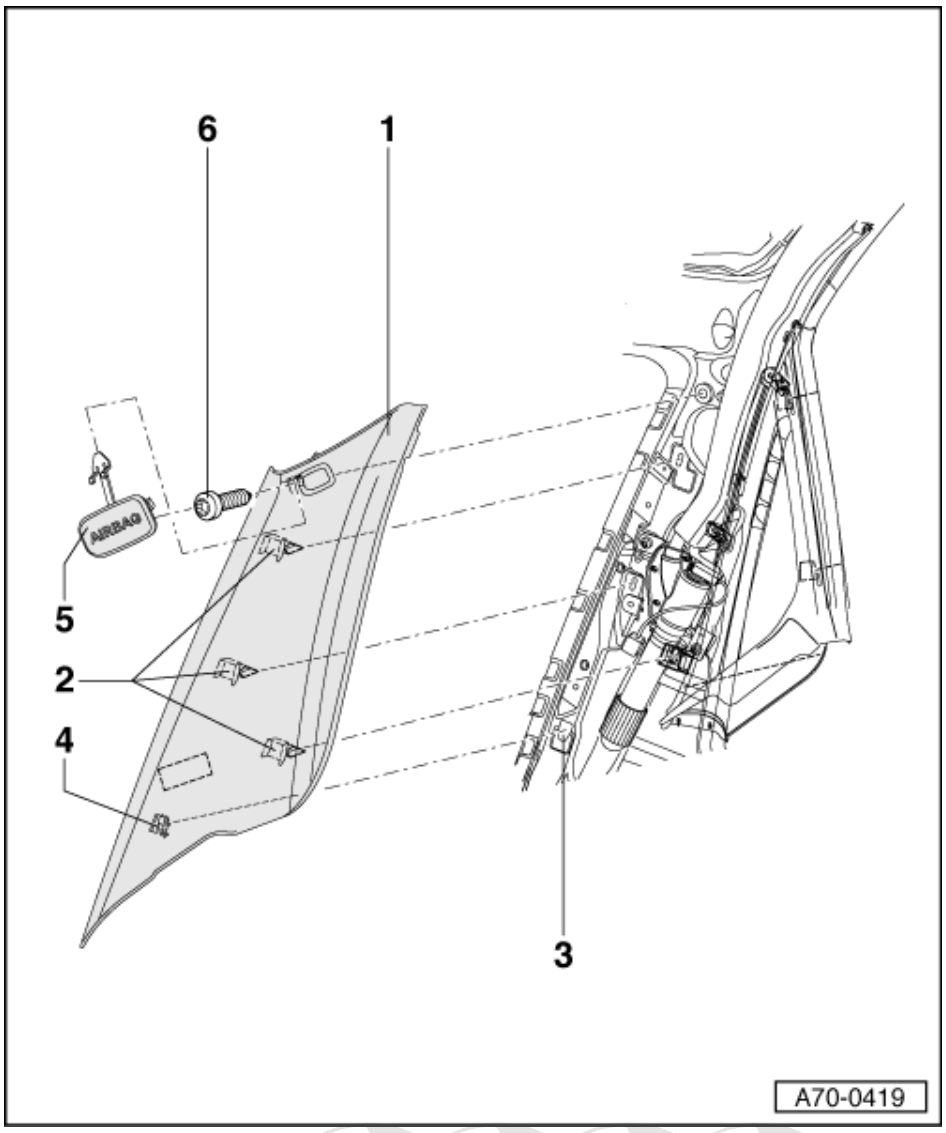
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1 D-pillar trim

- Removing
  - Lever off cover -3-.
  - Unscrew bolt -6-.

Note:

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



- Unclip trim -1- at clips -2- (3x).
- Pull cover -1- at the retaining lug -4- from the retainer upwards -3-

◆ Installing
- Insert trim -1- with retaining lug -4- into retainer -3-.
- Attach trim -1- at clamps -2-.

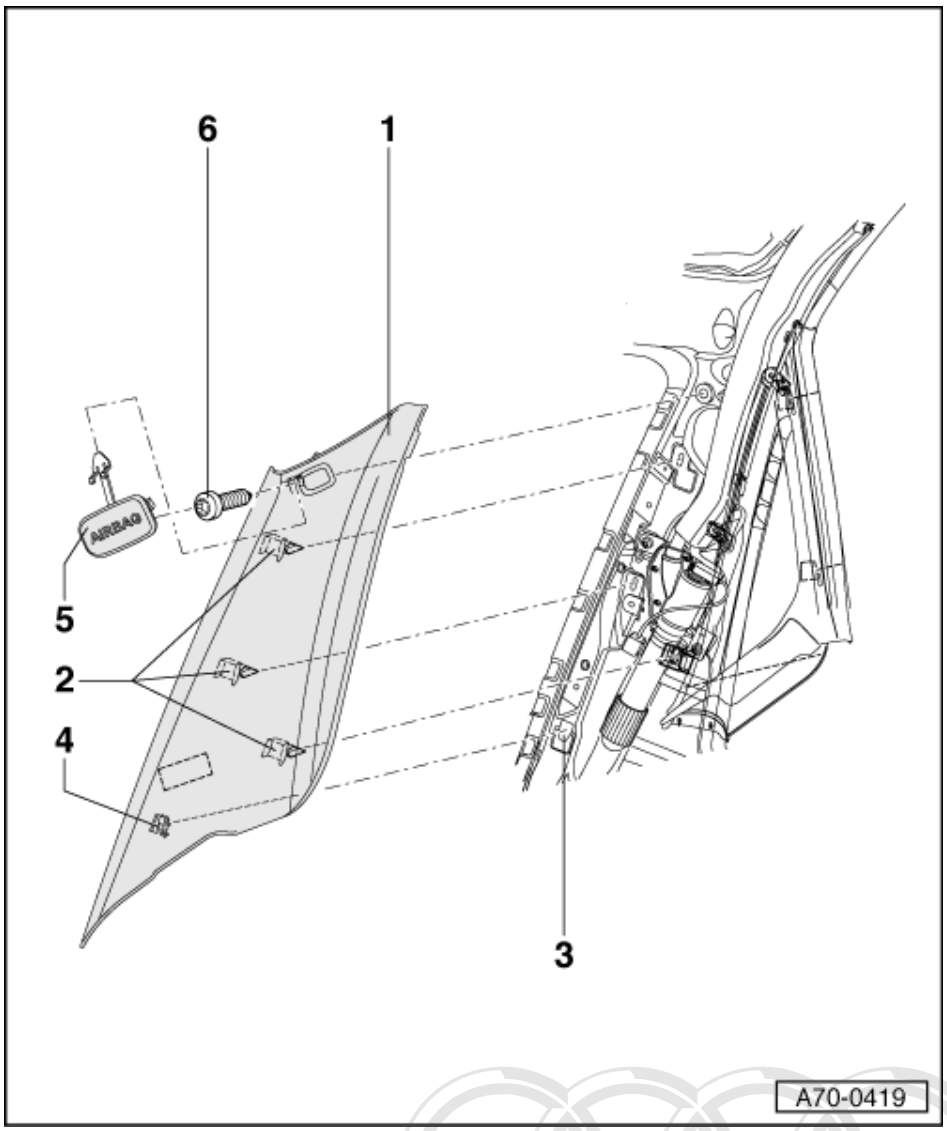
Note:

On installation of A-pillar trim only press, not knock onto side facing front disc.

- Press on trim -1-.
- Screw in bolt -6-.

2 Clamp

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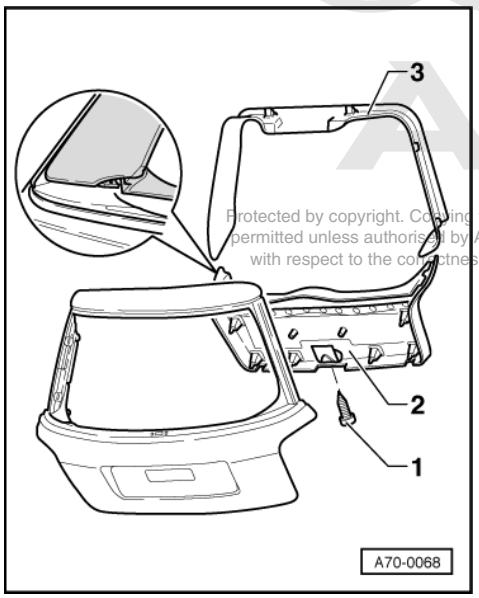


3 Mounting
4 Retainer
5 Trim cap
6 Bolt (1x)
- Tightening torque 4 Nm
◆ Self-locking
◆ Replace
◆ Threaded bores for bolts must always be cleaned (e.g. with a thread tap)

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10 - Trims, Avant

10.1 - Trims, Avant



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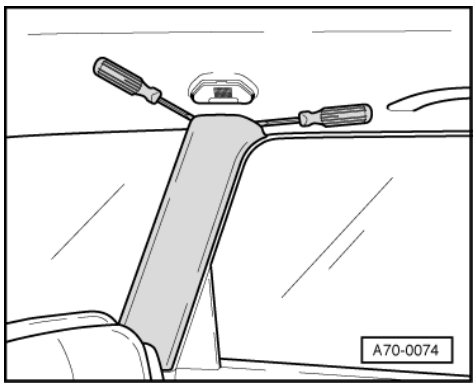
10.2 - Removing and installing rear side trim

- -> Unscrew bolt -1-. Tightening torque 1.2 Nm.
- Unclip lower tailgate trim -2-.
- Unclip upper tailgate trim -3-.

Note:

When installing lower trim it must be inserted into the upper trim with the guide rails.

10.3 - Removing and installing C-pillar trim



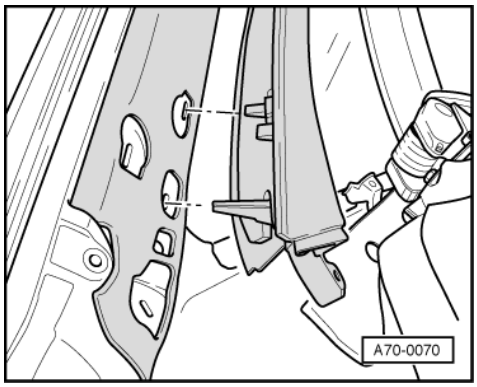
- Remove side padding => Page 323
- Remove side trim =>Page 203
- -> Pull off C-pillar trim with assembly hooks.

Note:

On installation, ensure that the retaining lugs are correctly positioned.

10.4 - Removing and installing D-pillar trim

- Remove side padding => Page 323



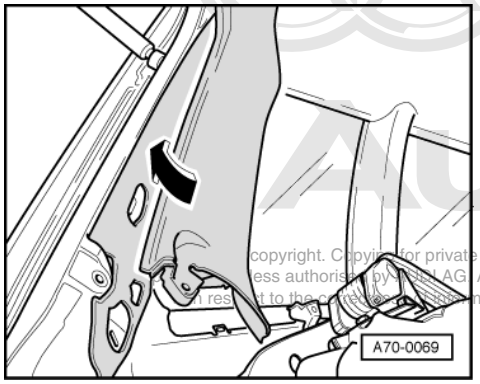
- Remove side trim =>Page 203

Removing:

- Pull off D-pillar trim (to facilitate this, use assembly hooks).

-> Installation:

- Position trim at roof frame trim move centring pin to centring hole and fit fasteners into position.



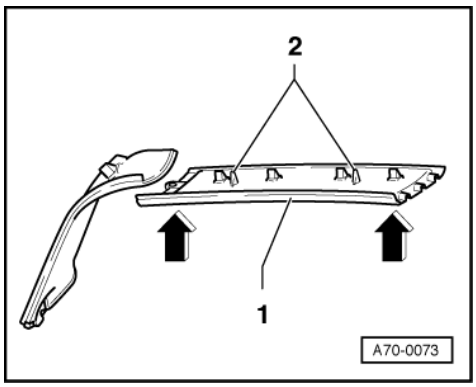
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- -> Swivel D-pillar trim in direction of arrow and clip to body.

Important
On installation D-pillar trim must be engaged in guide groove of roof frame trim.
Fasteners are not always at right angles. If fasteners are detached from D-pillar trim on removal, observe correct angle on attachment.

10.5 - Removing and installing roof frame trim

- Remove side padding => Page 323
- Remove rear cross-panel trim =>Page 204



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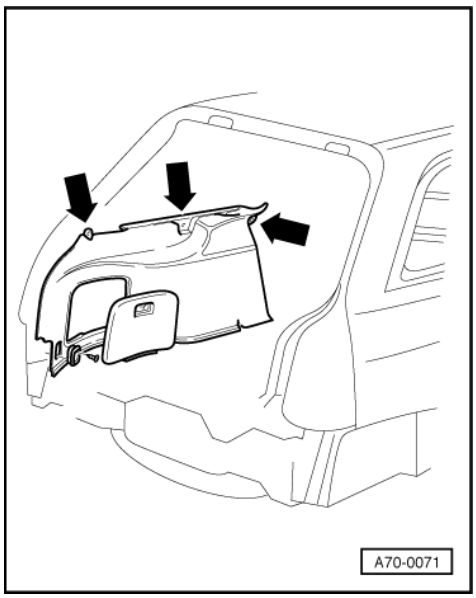
- Remove side trim =>Page 203
- Remove D-pillar trim -3- =>Page 202
- -> Unscrew the two bolts (arrow) and unclip trim -1-.
- Tightening torque 1.5 Nm

Note:

On installation fit centring pins -2- in locating holes and ensure fasteners are correctly positioned.

10.6 - Removing and installing left and right side trim

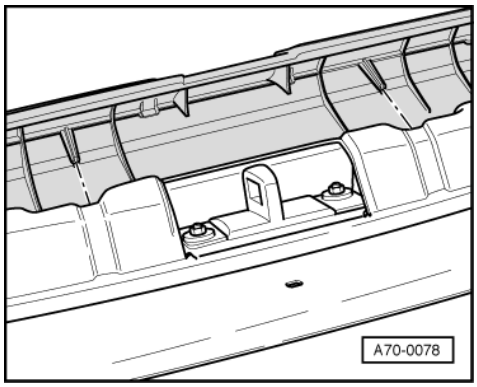
- Remove side padding => Page 323
- Remove tailgate seal in area of sill/side panels.



- Remove sill => Page 204
- Lift front edge of seat belt trim and unclip.
- Lever off trim for rear seat backrest catch.
- Remove cover.
- Remove fastening rings=> Page 204
- -> Unscrew bolts (arrow).
- Torques (all bolts): 1.5 Nm
- Unclip side trim and lift over belt guide and past catch.
- In the event of complete replacement detach seat belt and webbing beneath rear bench seat.
- Install in reverse sequence to removal.

10.7 - Removing and installing rear cross-panel trim

- Remove tailgate seal in area of trim.



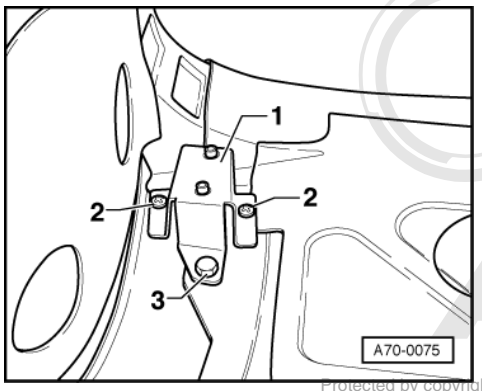
- Remove bolts 2x.
- Torque: 1.5 Nm
- -> Unclip rear cross-panel trim upwards.

Note:

On installation fit centring pins in locating holes and ensure fasteners are correctly positioned.

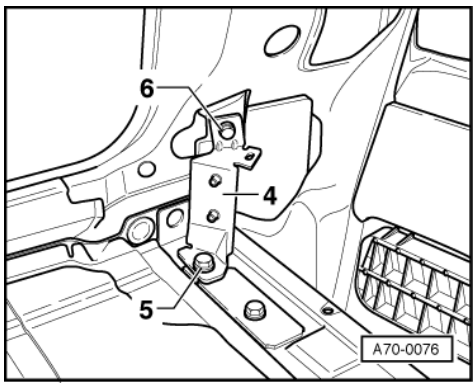
10.8 - Removing and installing fastening ring (Avant)

- Unscrew both bolts for each fastening ring.
- Observe torque: 4.5 Nm.
- Remove luggage compartment floor covering.
- Remove side trim => Page 203
- Remove underlay for luggage compartment floor covering and unscrew holders for front and rear fastening rings.



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- Install in reverse sequence to removal.
- -> Torques for front holder:
- Cross-head screw (2x for FWD; 4x for quattro):
- 6 Nm
- Hexagon bolt (1x for FWD only):
- 30 Nm



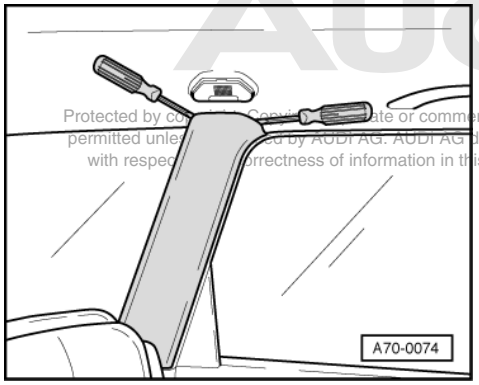
- -> Torques for rear holder:
- Bolt in floor:
- 23 Nm
- Bolt in rear panel:
- 10 Nm

11 - Trims, Avant

11.1 - Trims, Avant

11.2 - Removing and installing C-pillar trim

- Remove side padding => Page 323



- Remove side trim =>Page 203

Important Observe safety precautions for working on head airbag =>

- -> Pull off C-pillar trim with assembly hooks.

Note:

On installation, ensure that the retaining lugs are correctly positioned.

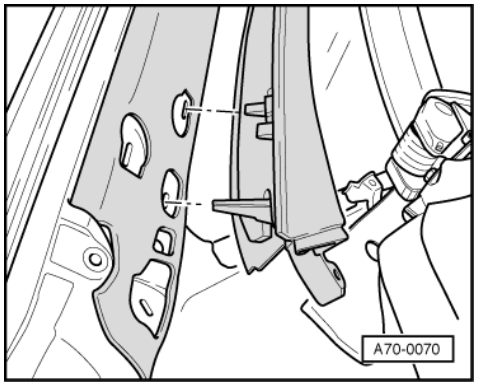
11.3 - Removing and installing D-pillar trim

- Remove side padding => Page 323

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- Remove side trim =>Page 203

Important
Observe safety precautions for working on head airbag =>

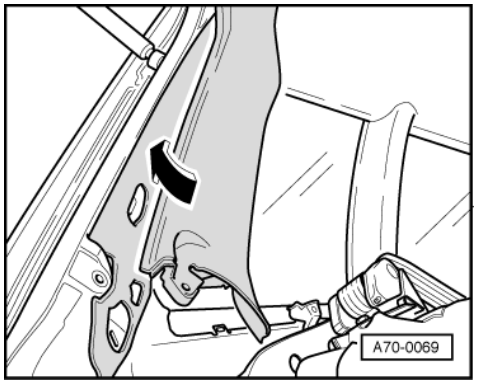


Removing:

- Pull off D-pillar trim (to facilitate this, use assembly hooks).

-> Installation:

- Position trim at roof frame trim move centring pin to centring hole and fit fasteners into position.



- -> Swivel D-pillar trim in direction of arrow and clip to body.

Important
On installation D-pillar trim must be engaged in guide groove of roof frame trim.
Fasteners are not always at right angles. If fasteners are detached from D-pillar trim on removal, observe correct angle on attachment.

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12 - Floor mat

12.1 - Floor mat

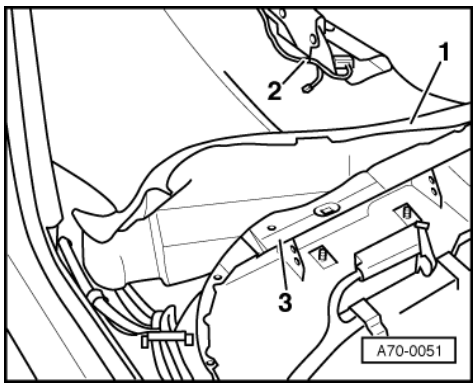
12.2 - Removing and installing floor covering

- Removing and installing front left/right seat =>Page 208
- Removing and installing rear bench seat => Page 309
- Removing and installing lower A- pillar trim => Page 175

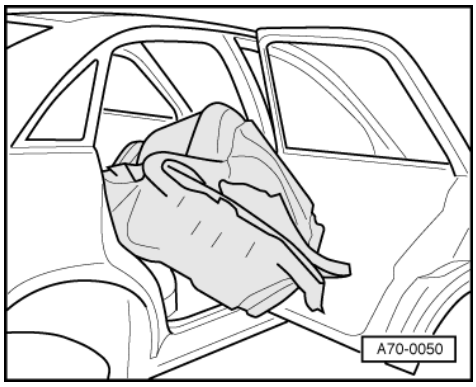
- Removing and installing foot rest => Page 175
- Removing and installing sill panel trim => Page 181
- Removing and installing rear centre console =>Page 9
- Removing and installing front centre console =>Page 25
- Removing and installing footwell air outlet.

=> Heating, Air Conditioning; Repair group 80

- Removing and installing airbag control unit => Page 68



- -> Detach electric wiring -2- for diagnostic connector from floor covering (cut cable tie).
- Lift floor covering -3- 1 at seat cross member -3-, unbutton from mounting bracket for seat and seat rail (on both sides).
- Pull out floor covering -1- from underneath dash panel.



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- -> Fold floor covering from left and right towards centre and, with the aid of a second person, remove through one of the reardoors from the vehicle.

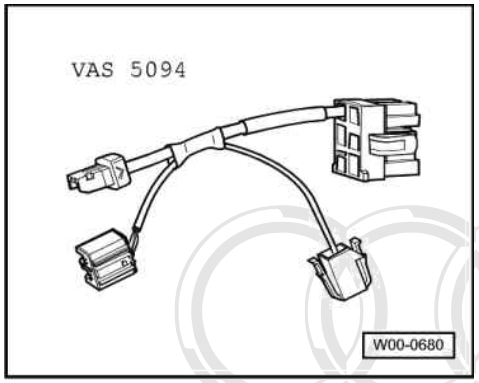
72 - Seat frames

1 - Front seats

1.1 - Front seats

1.2 - Tools

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

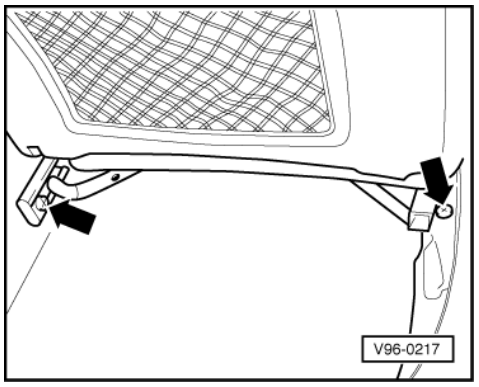


-> Airbag adapter VAS 5094

1.3 - Removing and installing front seat

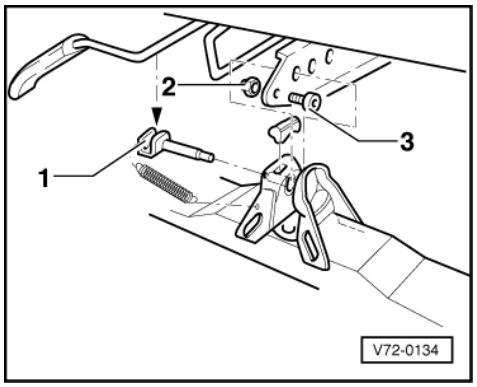
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- Slight differences may be encountered on removal and installation depending on equipment.
- For memory and electric seat: Before disconnecting the battery, move seat fully to the rear and to the uppermost height setting.
- Before disconnecting the battery, determine radio coding.



Important
Before removal of seat: Detach battery earth strap.

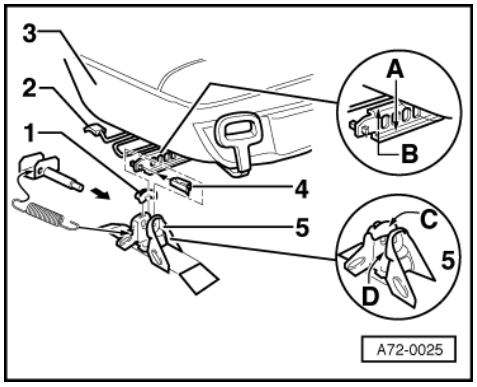
- Push seat forward.
- -> Lever out trim cap -right arrow- and unscrew cross-head bolt beneath cap.
- Unscrew bolt - left arrow- and remove stopper to rear.



- -> Unscrew cap nut -2- (8 Nm), and remove cheese-head bolt -3-. Tightening torque 8 Nm.
- Release locking rod -1- and pull seat to rear out of guide rails.

Note:

Attachment using cheese-head bolt -3- is gradually being replaced by a stop spring.



- -> Unclip stop spring -4-.
- Pull up release lever and push out seat -3- to rear.

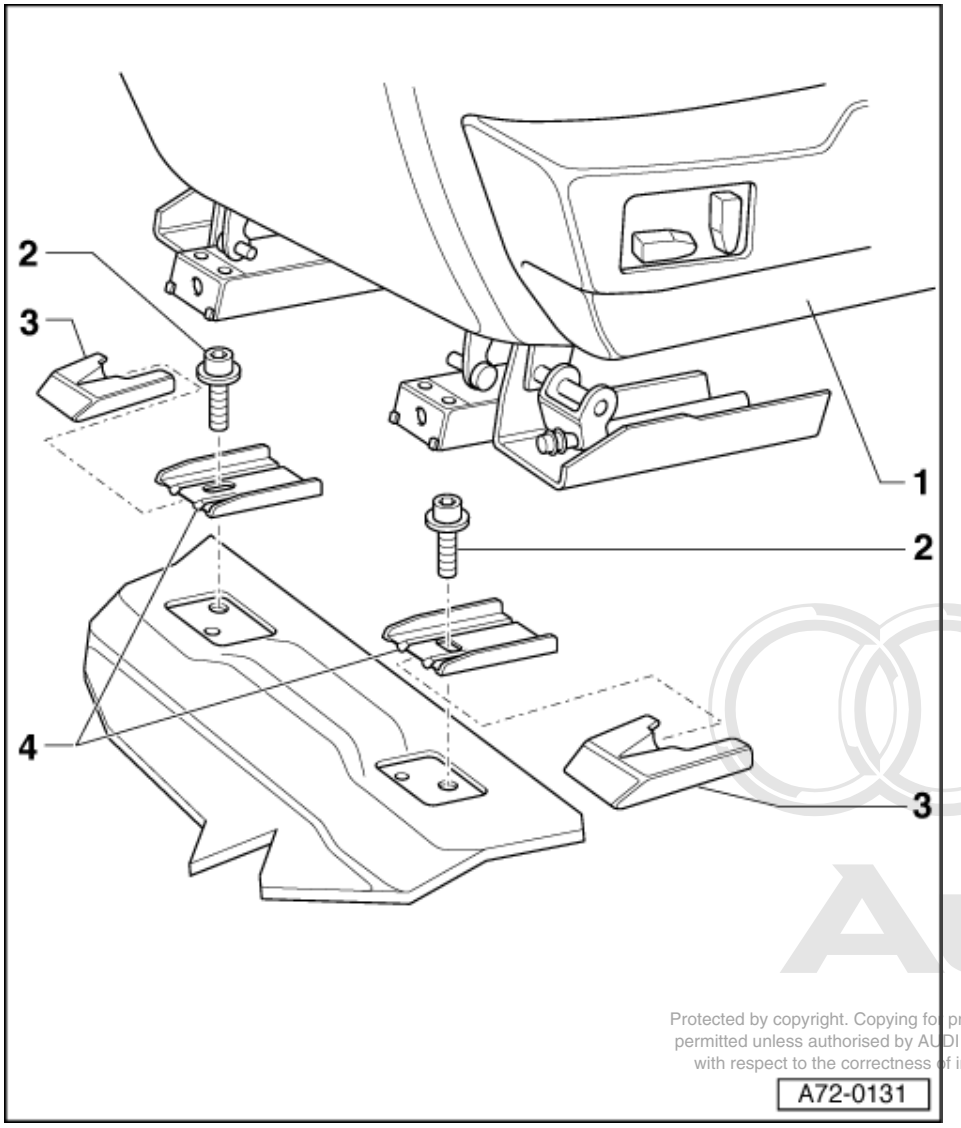
Note:

On vehicles with heated seats: Detach electrical connector.

Important Take care not to tear floor covering when pushing seat out of guide rails.

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1.4 - Removing and installing front seat (memory seat, electric seat)

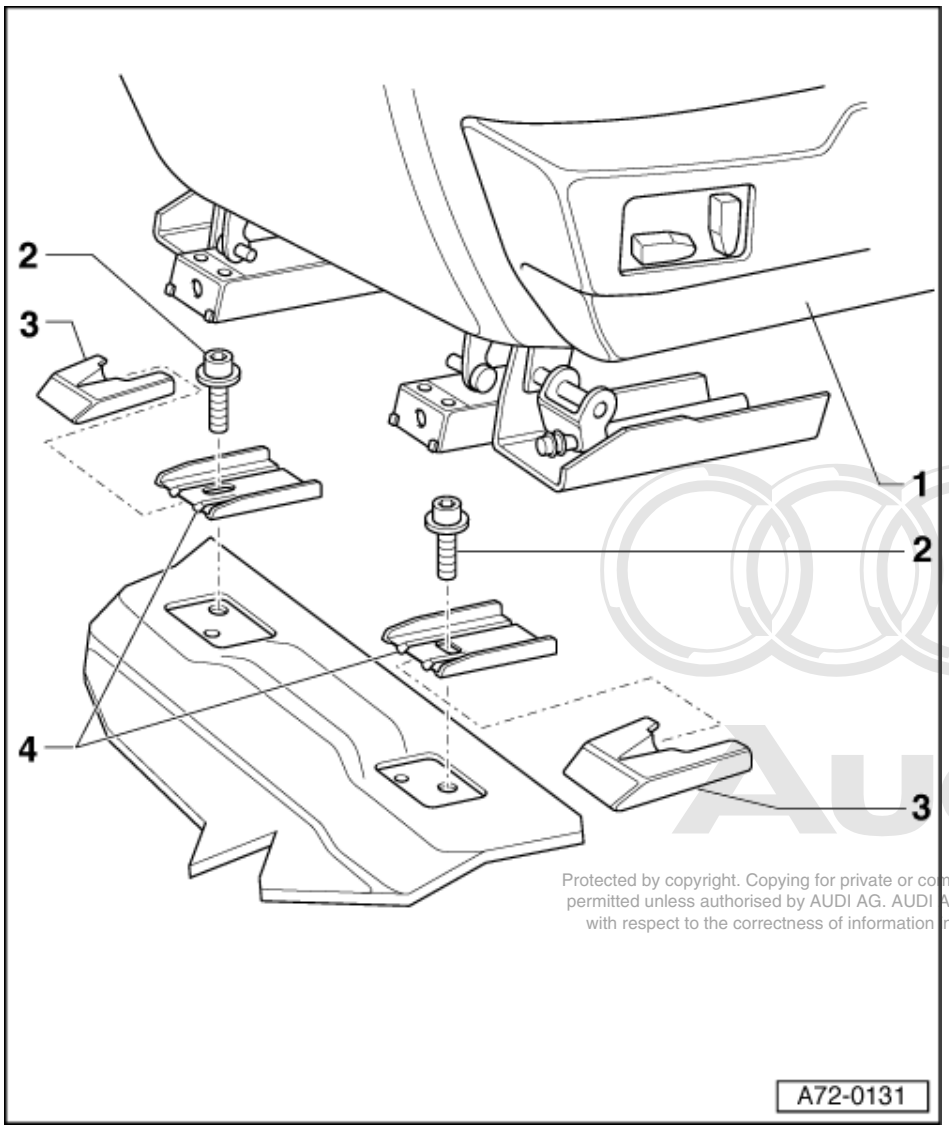


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Notes:

- The removal and installation procedures may have to be modified slightly depending on equipment versions.
- For memory and electric seat: Before disconnecting the battery, move seat fully to the rear and to the uppermost height setting.
- Before disconnecting the battery, determine radio coding.

Important Before removal of seat: Detach battery earth strap.



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1 Front seat

- Removing
  - Detach trim caps at front -3- on left and right to front.
  - Unscrew bolt -2-.
  - Carefully lift front seat -1- out of vehicle.
- Installing

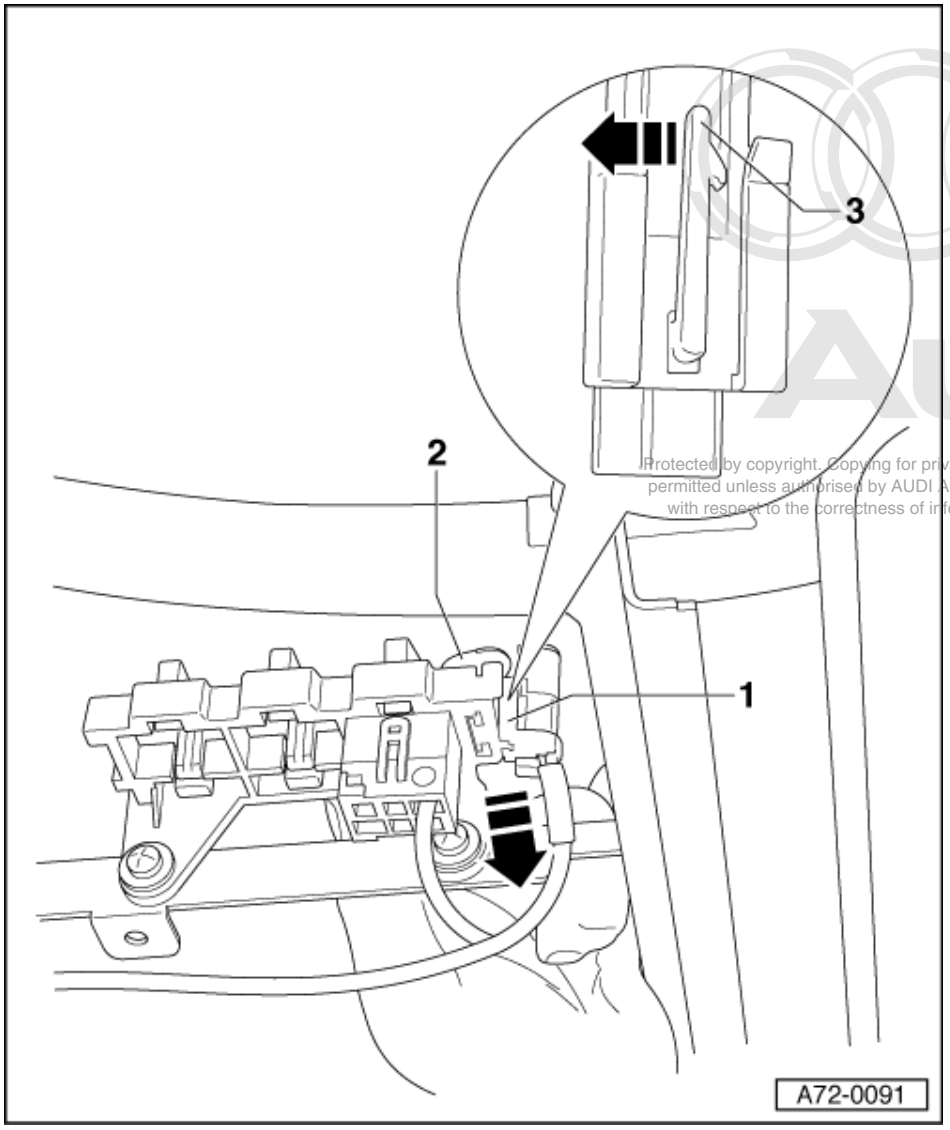
2 Bolts

- Tightening torque 25 Nm

3 Caps

4 Seat rails (2x)

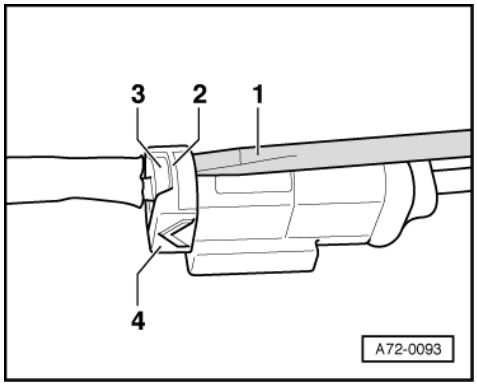
1.5 - Detaching connector for side airbag



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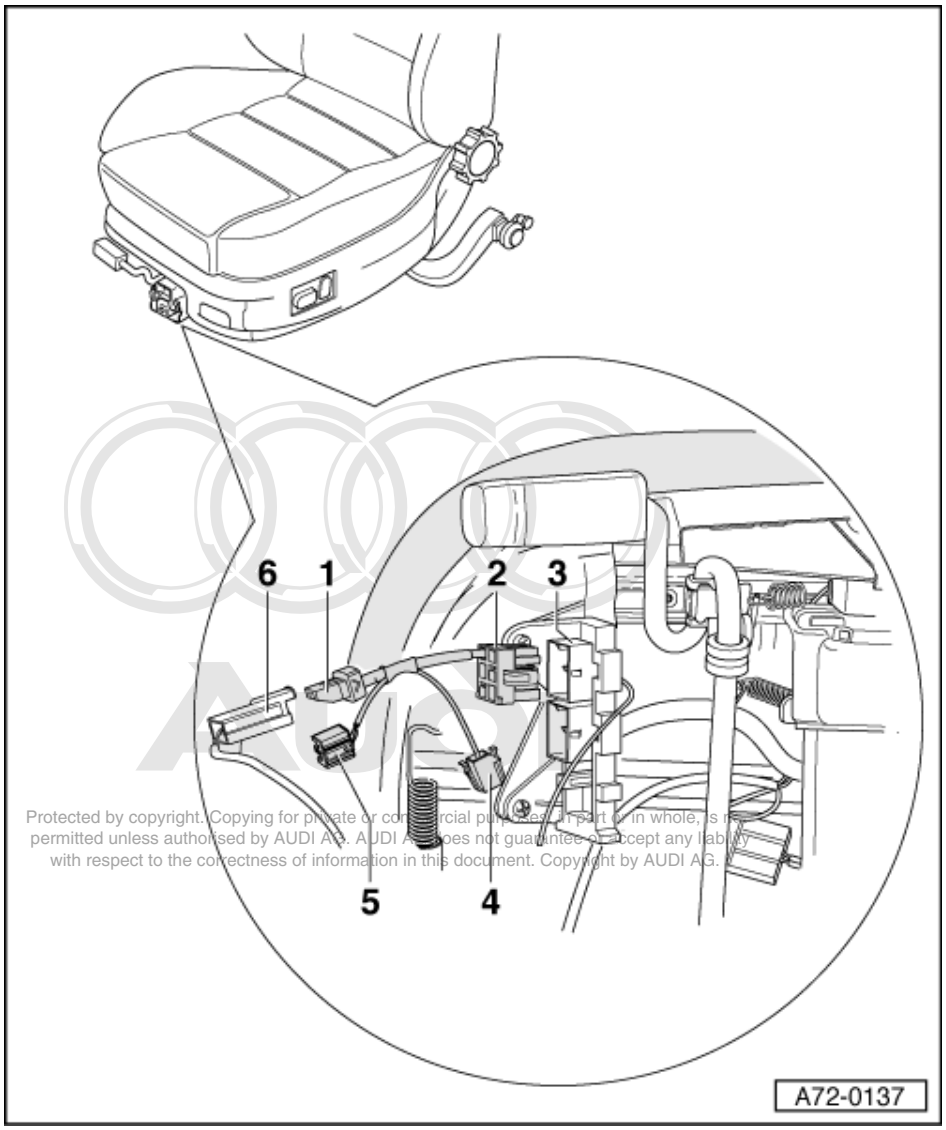
Note:
The mechanic must electrostatically discharge him/herself before disconnecting ignition and earth wires (briefly touch closing wedge for door or body).

- Grasp hold of connector for side airbag -1-. with one hand from rear.
- Pull retainer tab -3- with one finger in direction of arrow (towards hand).
- At the same time, pull connector for side airbag -1- towards the front with the other hand.



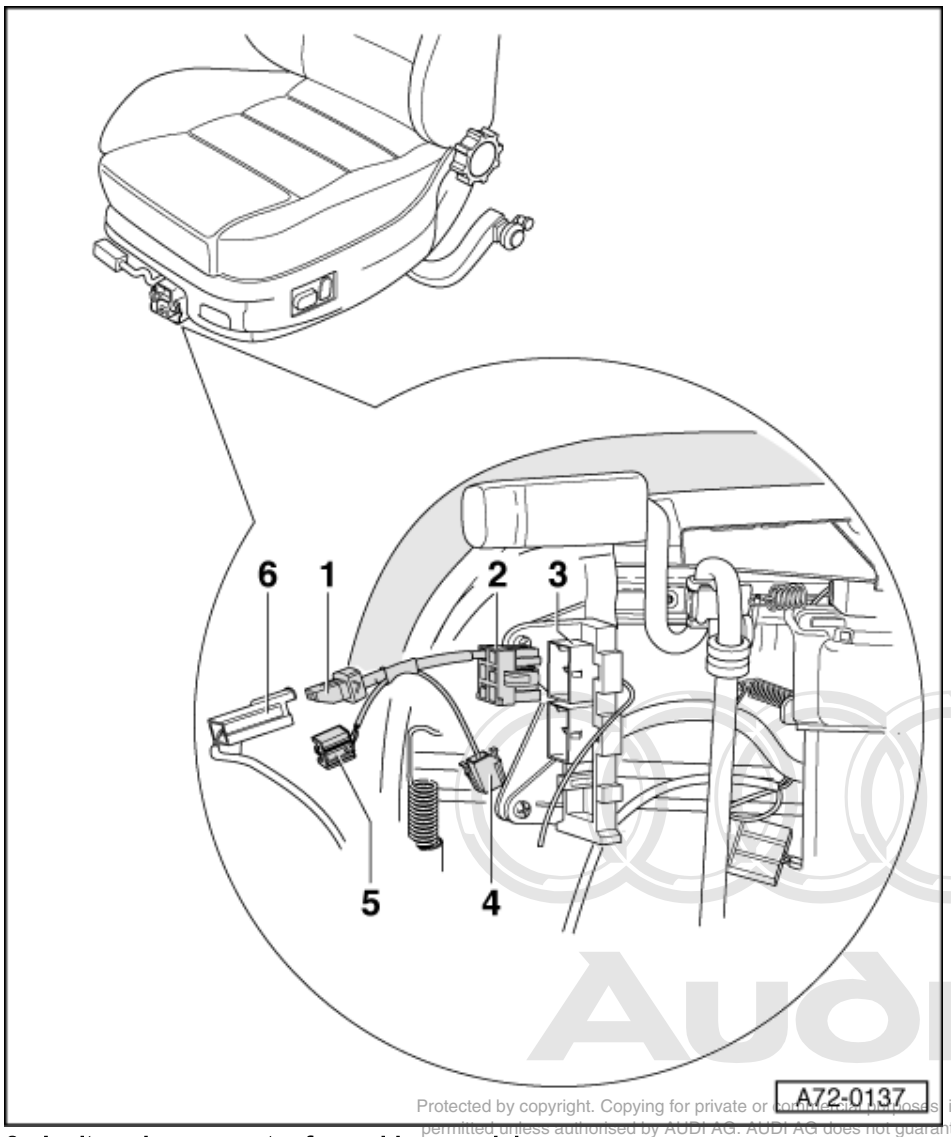
- -> With a screwdriver -1- lever out catch -2- via the locking lug -3- and unplug connector -4-.

1.6 - Connecting airbag adapter VAS 5094



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1 Airbag adapter igniter wire connector
2 Earth wire for airbag adapter connector, Audi A6 1998 ä, Audi A4 1995 ä and Audi A3 1997 ä
3 Earth wire connector housing from airbag module
4 Airbag adapter - earth wiring connector (Golf 1991 ä)
5 Airbag adapter - earth wiring connector (Passat 1997 ä)



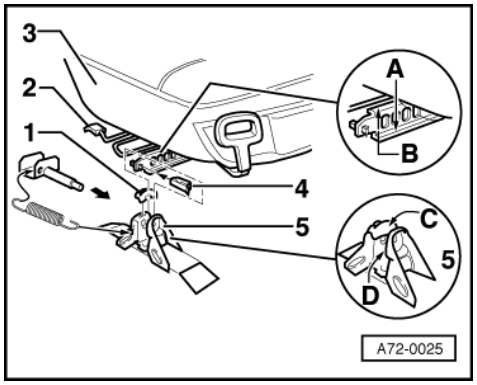
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6 Igniter wire connector from airbag module

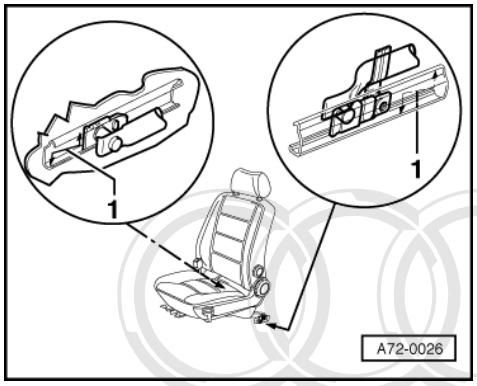
- Attach connector -2- (airbag adapter VAS 5094) to connector housing -3-.
- Connect ignition wiring -6- from airbag module to connector-1- (airbag adapter).
- On vehicles with heated seat, unplug connector.
- Cover floor covering at rear around guide rail.
- Push seat backwards out of guide.
- Lift seat out of vehicle.

Important The airbag adapter VAS

1.7 - Lubrication points for front seat



- -> Grease lubrication points A, B, C and D thinly with universal low-temperature G 052 745 A3.



- -> Coat guide rails at locations -1- and on side thinly with universal deep temperature grease G 052 745 A3.

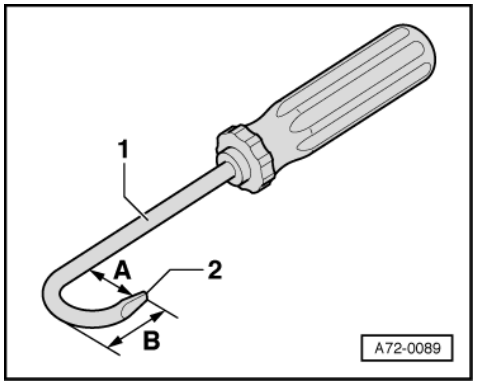
Note:

Ensure that grease does not get onto floor covering and seat.

Apply thin film only.

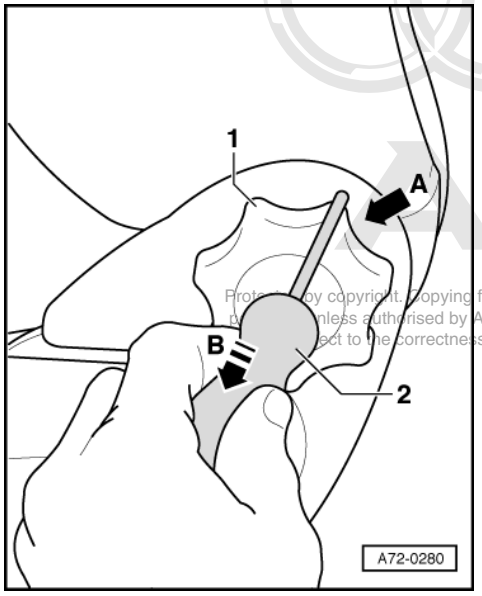
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1.8 - Removing and installing seat side panels



- Make improvised tool.

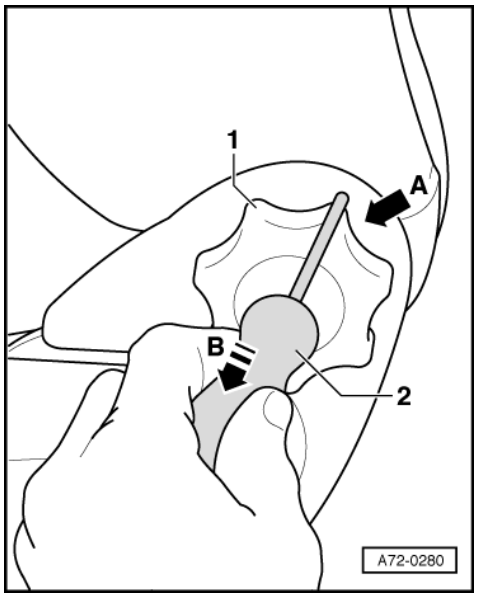
- -> Bend a screwdriver -1- with a width -2- of 3.5 mm and the dimensions -A- = 20 mm and -B- = max 15 mm.



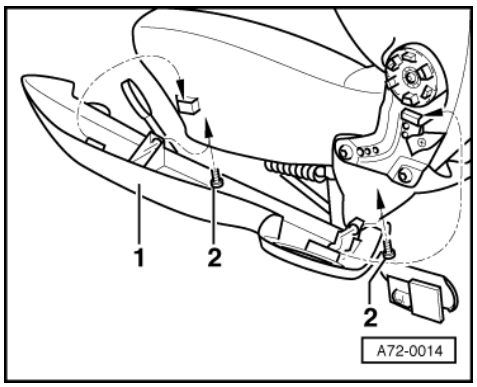
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◆ Removing

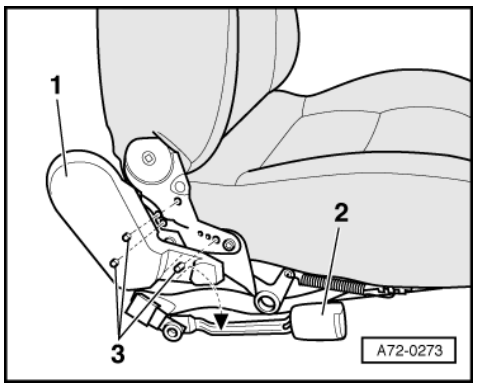
- Remove seat => Page 208
- -> Turn the backrest adjuster wheel -1- until you can see the catch of the backrest adjuster wheel from the rear from direction of arrow -A- (possibly with a torch).
- Hook in improvised tool -2- and pull in direction of arrow -B-.
- Turn the backrest adjuster wheel -1- further by 120°.



- Hook in improvised tool -2- and pull in direction of arrow -B-.
- Remove side backrest adjuster wheel -1-.



- -> Unscrew bolts -2- (2x).
- Remove the lower trim carefully -1- and detach the lower trim from the front and rear upper brackets.

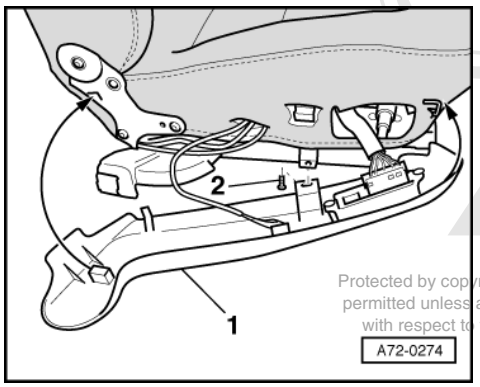


- -> Place the belt buckle -2- to the front.
- Remove the pins -3- (3x) with an awl.
- Detach panel -1-.

◆ Installing

- Installation is in reverse order. The pins -3- (3x) must be replaced.

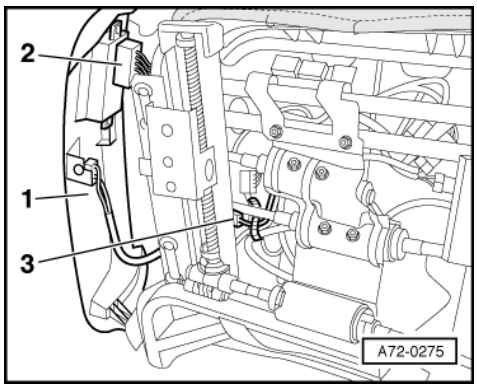
1.9 - Removing and installing seat side panel (memory seat, electric seat) on sill side



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◆ Removing

- -> Unscrew bolt -2-.
- Remove the lower trim carefully -1- and detach the lower trim from the front and rear upper brackets.



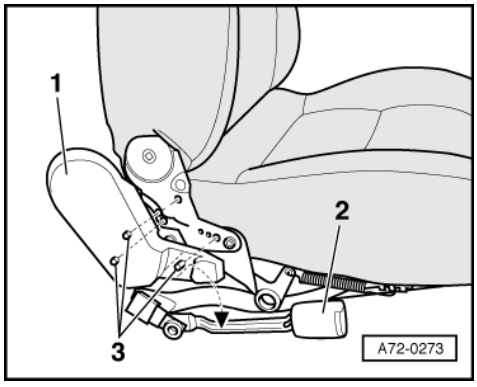
- -> Unplug connector -2- from the trim -1-.
- Detach seat connector -3-.

◆ Installing

- On installing the plugs -3-, ensure that the two guides on the plugs face the inside of the seat.
- Installation is in reverse order.

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1.10 - Removing and installing seat side panel (memory seat, electric seat) on tunnel side

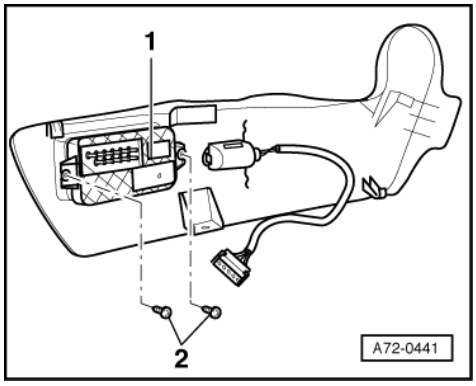


- -> Place the belt buckle -2- to the front.
- Remove the pins -3- (3x) with an awl.
- Detach panel -1-.

◆ Installing

- Installation is in reverse order. The pins -3- (3x) must be replaced.

1.11 - Removing and installing seat adjustment switch



◆ Removing

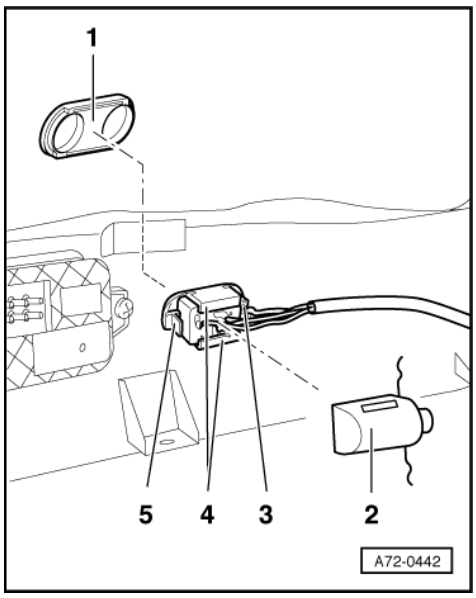
- Remove seat => Page 210 .
- Remove seat side panel (memory seat, electric seat) on sill side =>Page 217
- -> Unscrew bolts -2- (2x).
- Detach seat adjustment switch -1-.

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◆ Installing

- Install the seat adjustment switch -1- in reverse order.

1.12 - Removing and installing lumbar support adjustment switch



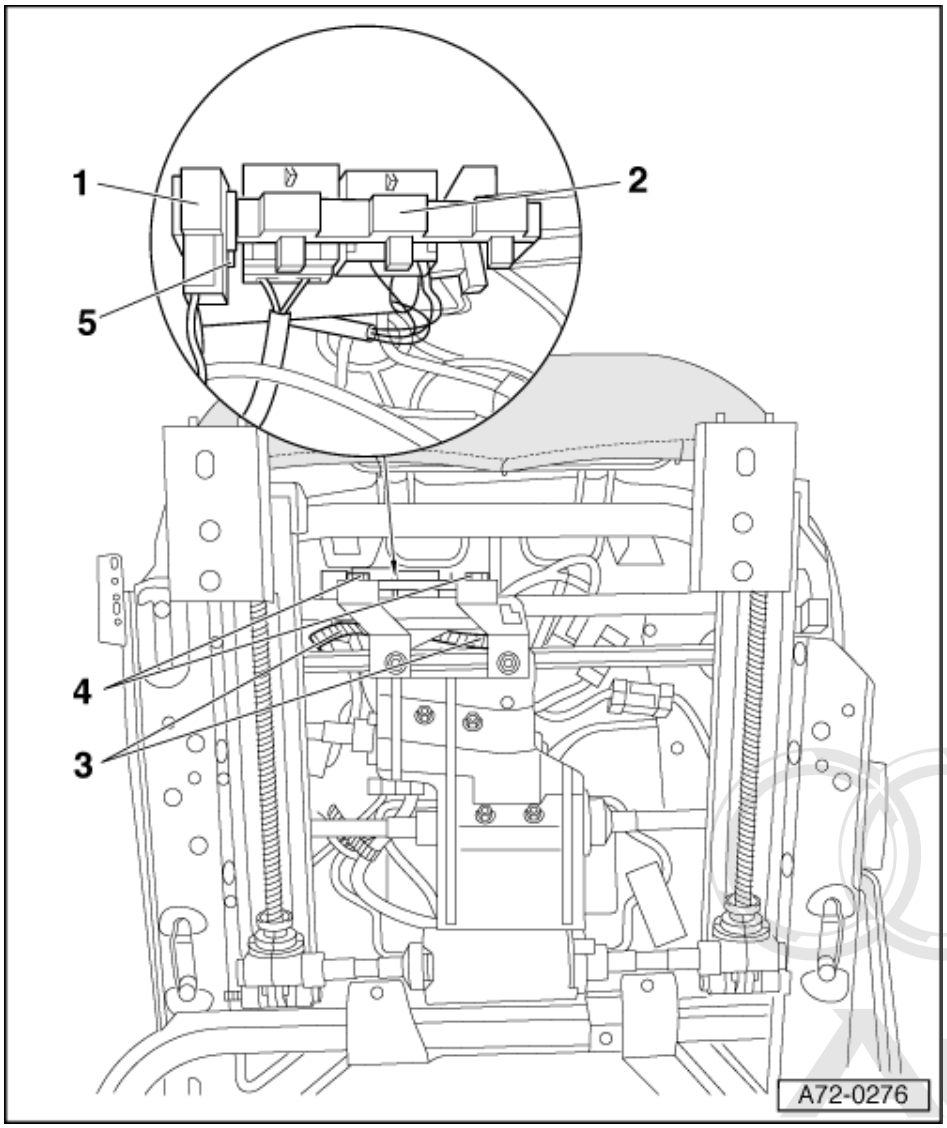
◆ Removing

- Remove seat => Page 210
- Remove seat side panel (memory seat, electric seat) on sill side =>Page 217
- -> Use a screwdriver to lever out the trim -1- on the outside of the seat side panel.
- Unplug the cover -2-.
- Press the tabs -4- (2x) apart.
- Use a screwdriver to lever the tabs -5- (2x) apart and pull out switch unit -3-.

◆ Installing

- Install the lumbar support adjustment switch in reverse order.

1.13 - Removing and installing connector for side airbag



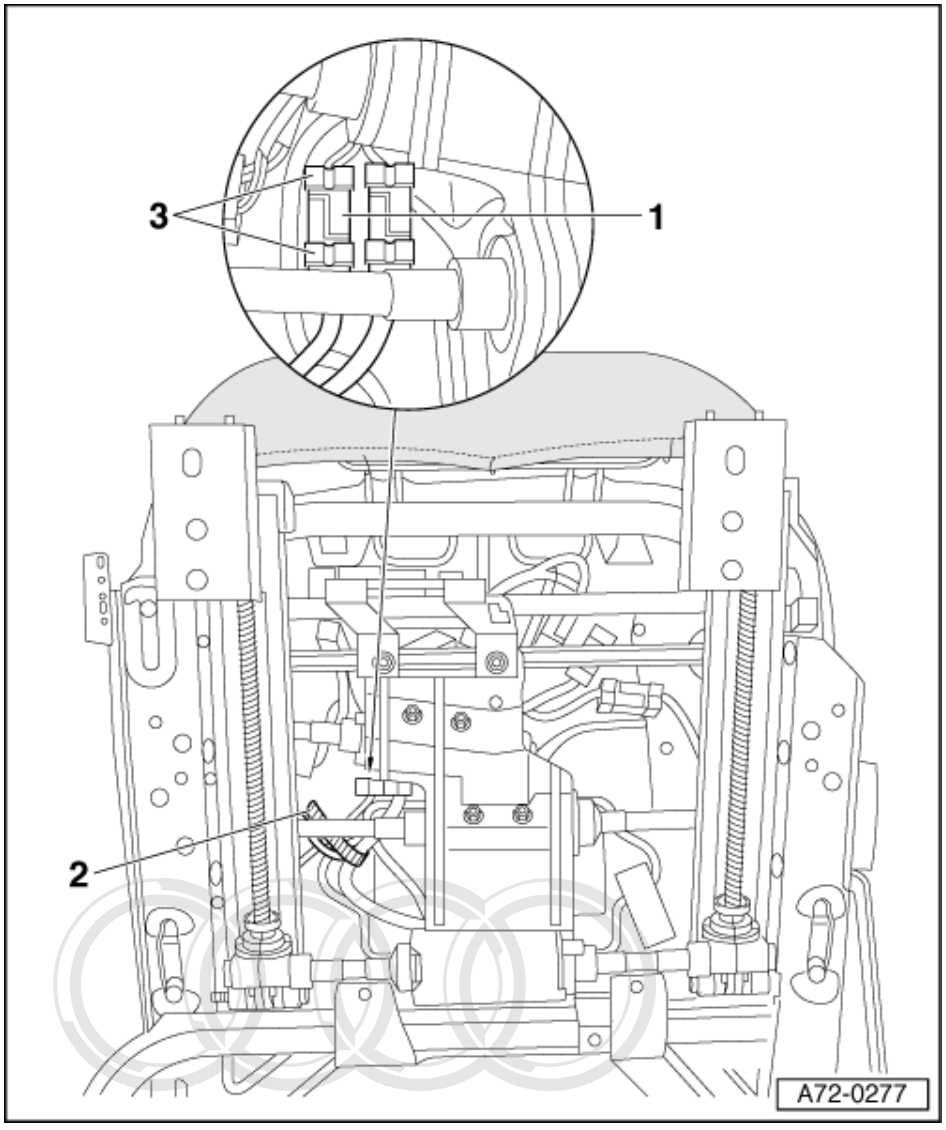
1 Side air bag plugs

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- Removing
  - Detach tie band -3- (2x).
  - Unscrew bolts -4- (2x).
  - Detach plug terminal -2-.
  - Press the locking lug -5- forward with an awl.
  - Pull off connector -1-.

2 Plug terminal
3 Tie band (2x)
4 Bolts (2x)
5 Retainer tab

1.14 - Removing and installing connector for backrest motor



1 Connector for backrest motor

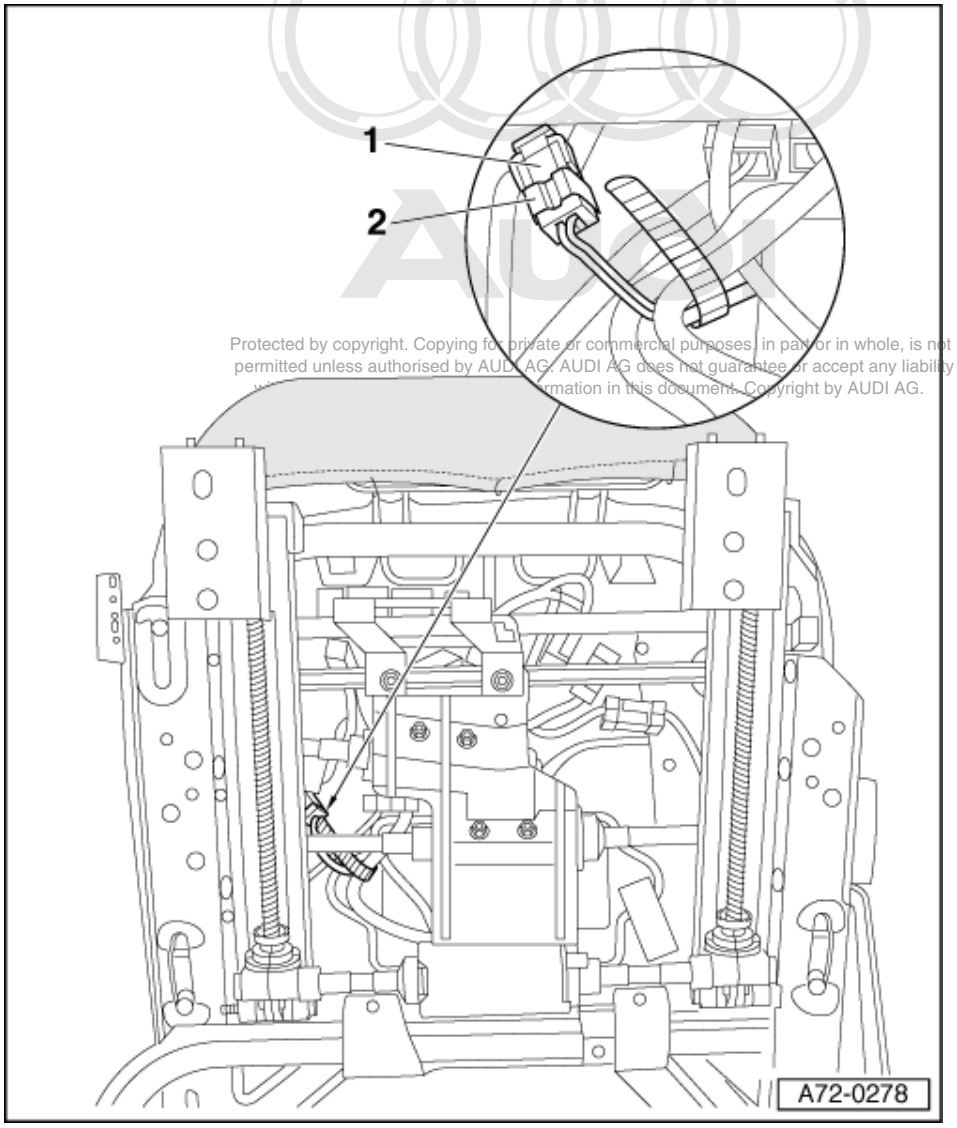
- Removing
  - Open cable ties -2-.
  - Press the connector holder -3- (2x) together and remove the connector holder -3- (2x).
  - Unplug connector -1-.

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2 Cable tie

3 Connector holders (2x)

1.15 - Removing and installing connector for backrest heater



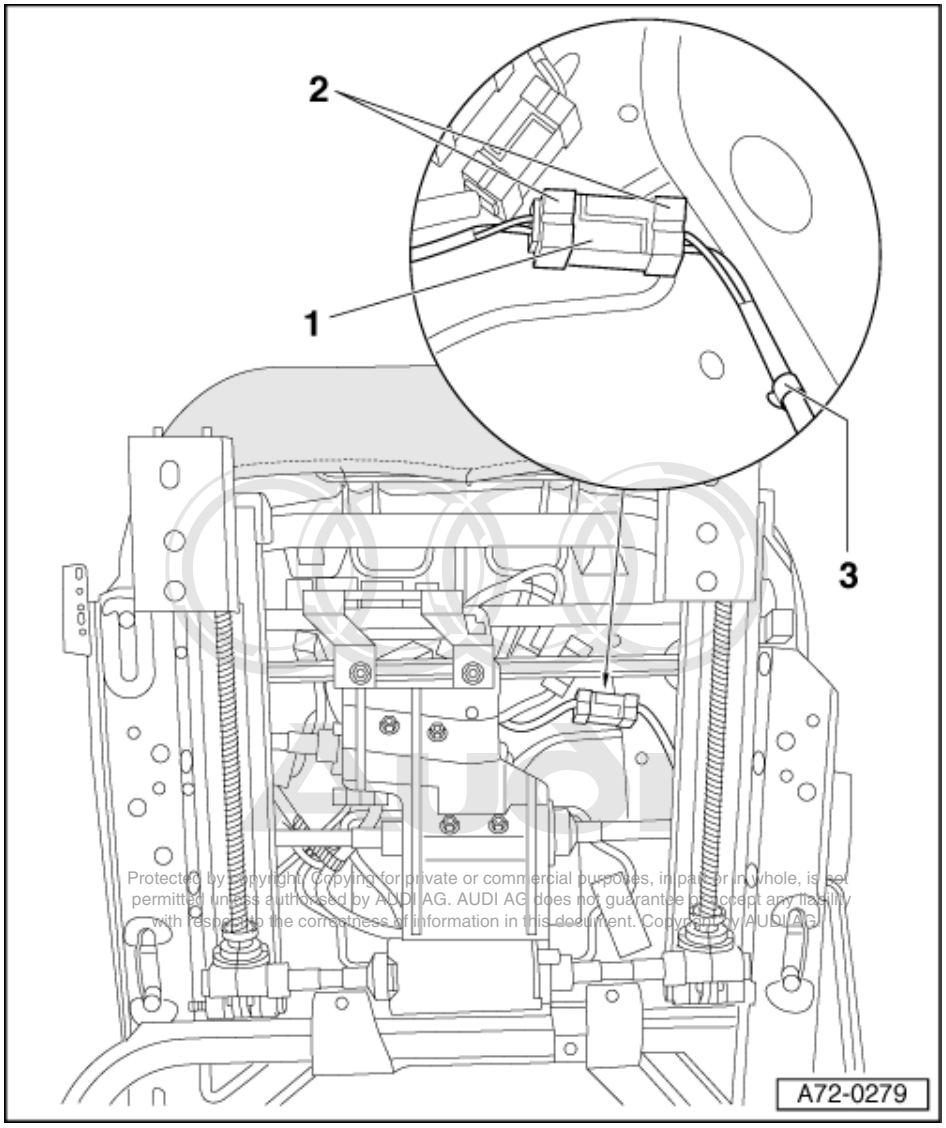
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1 Backrest heater connector

- Removing
  - Press connector holders -2- together and remove connector holders.
  - Unplug connector -1-.

2 Connector holders (2x)

1.16 - Removing and installing connector for lumbar support



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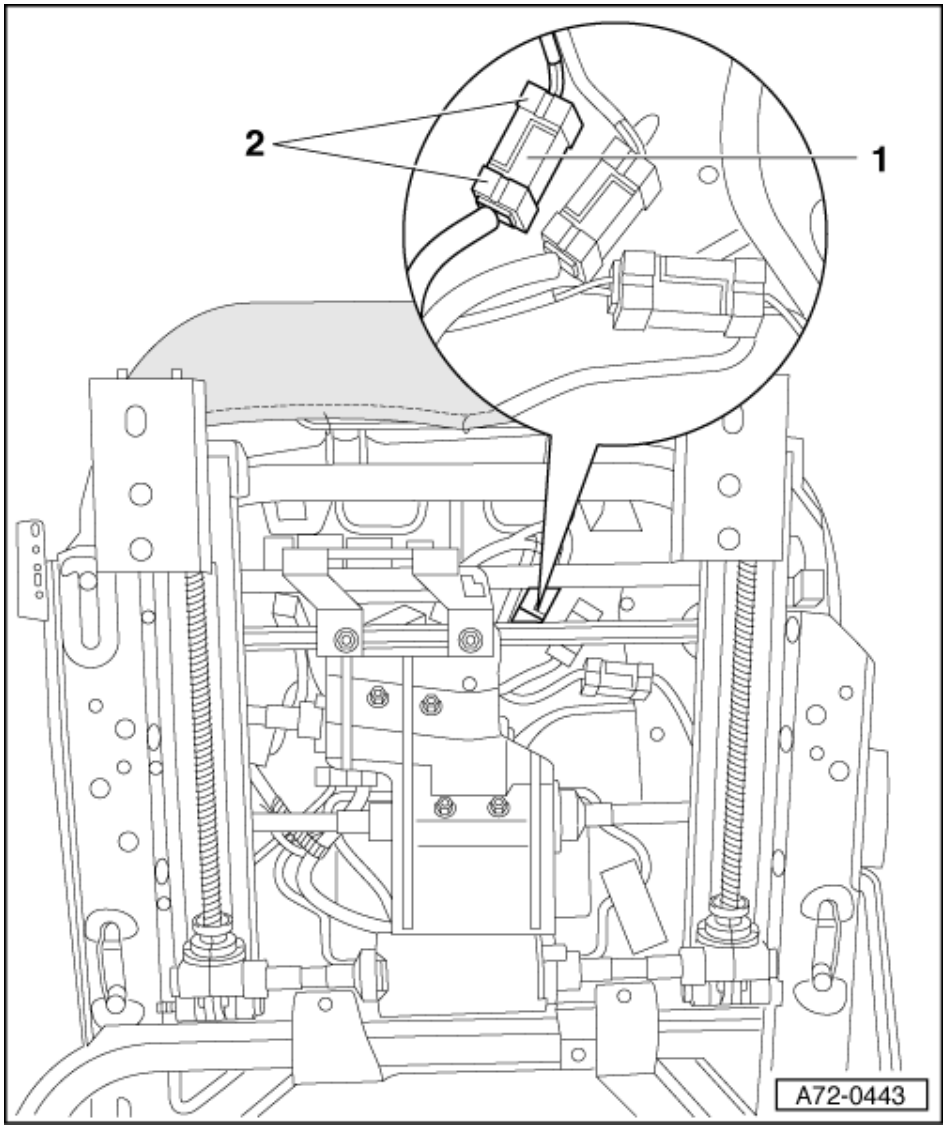
1 Lumbar support connector

- Removing
  - Press connector holders -2- (2x) together and remove connector holders.
  - Unplug connector -1-.
  - Pull out clip -3-.

2 Connector holders (2x)

3 Clip

1.17 - Removing and installing connector for seat angle adjustment motor



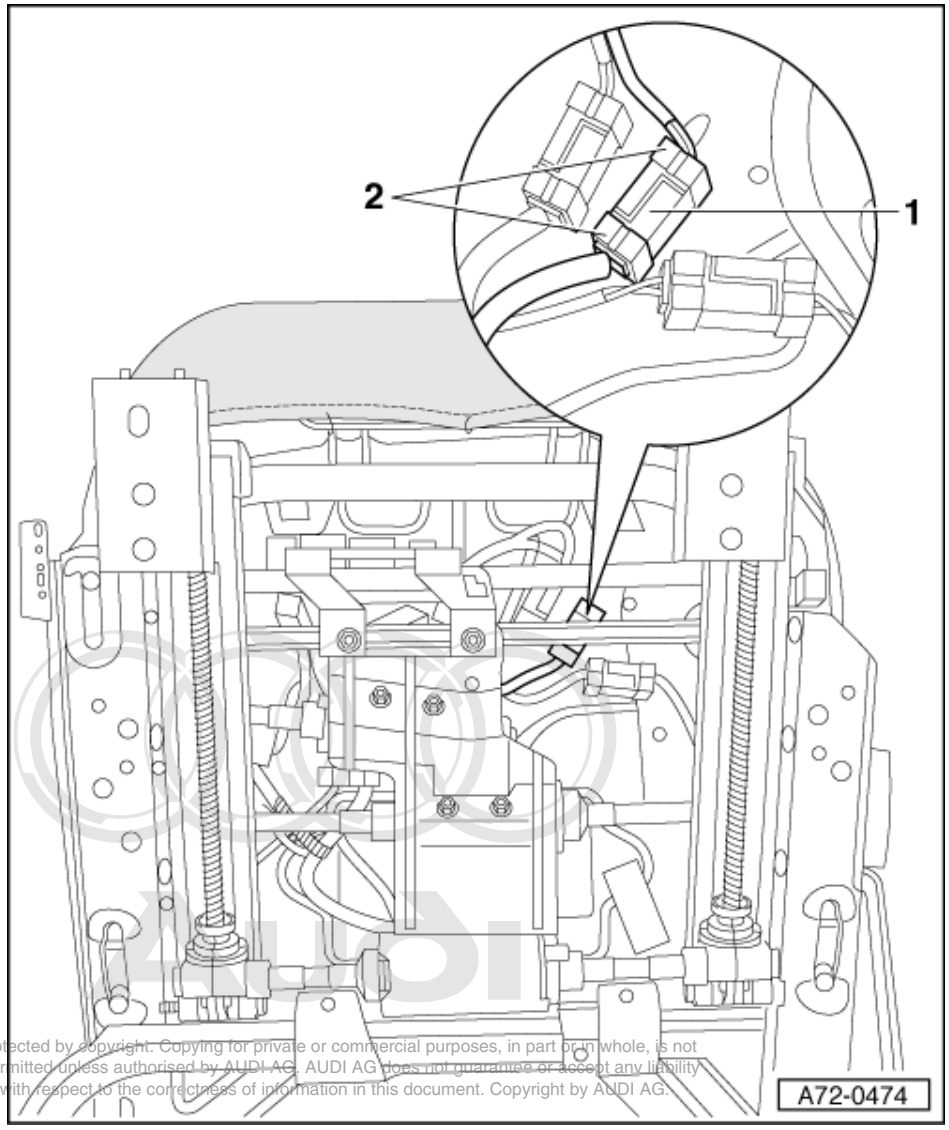
1 Connector for seat angle adjustment motor

- Removing
  - Press connector holders -2- (2x) together and remove connector holders.
  - Unplug connector -1-.

2 Connector holders (2x)

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1.18 - Removing and installing connector for seat height adjustment motor



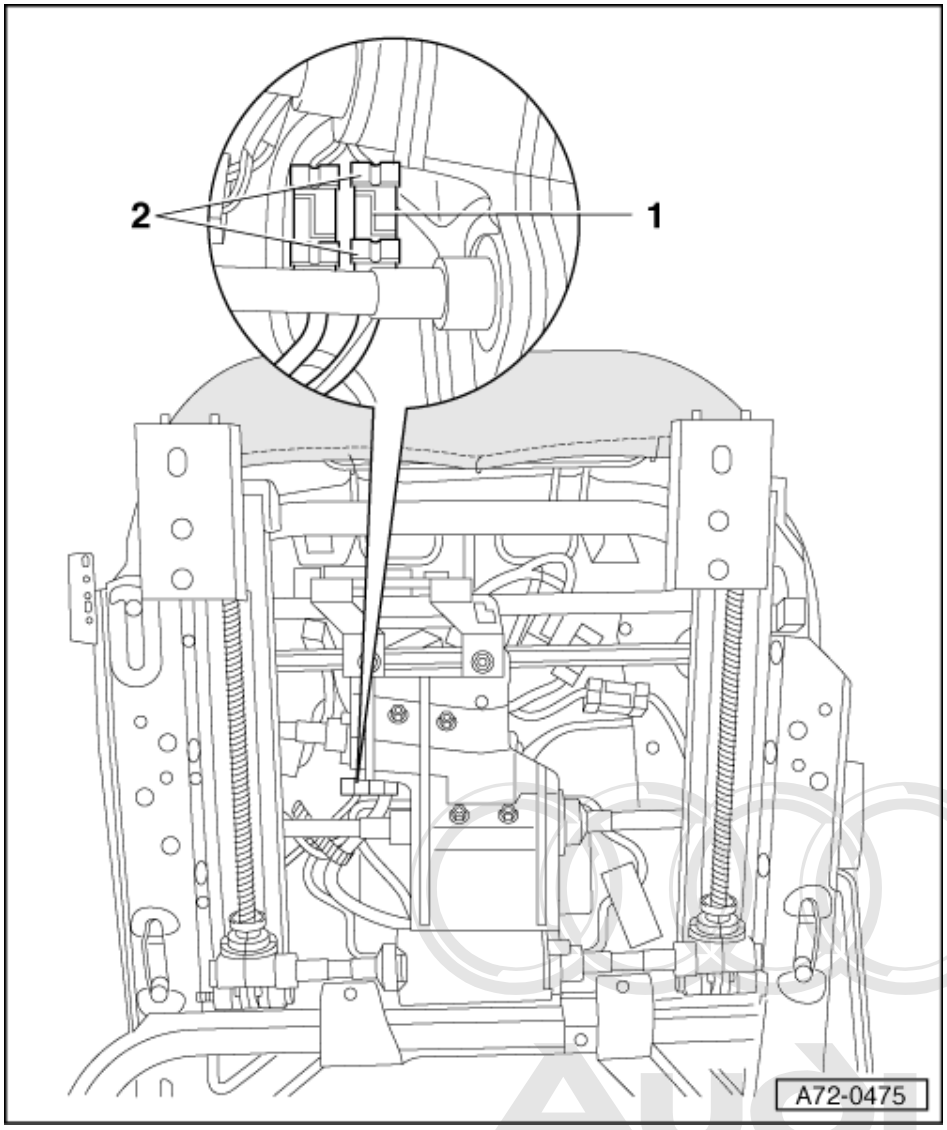
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1 Connector for seat height adjustment motor

- Removing
  - Press connector holders -2- (2x) together and remove connector holders.
  - Unplug connector -1-.

2 Connector holders (2x)

1.19 - Removing and installing connector for forward and backward seat adjustment motor



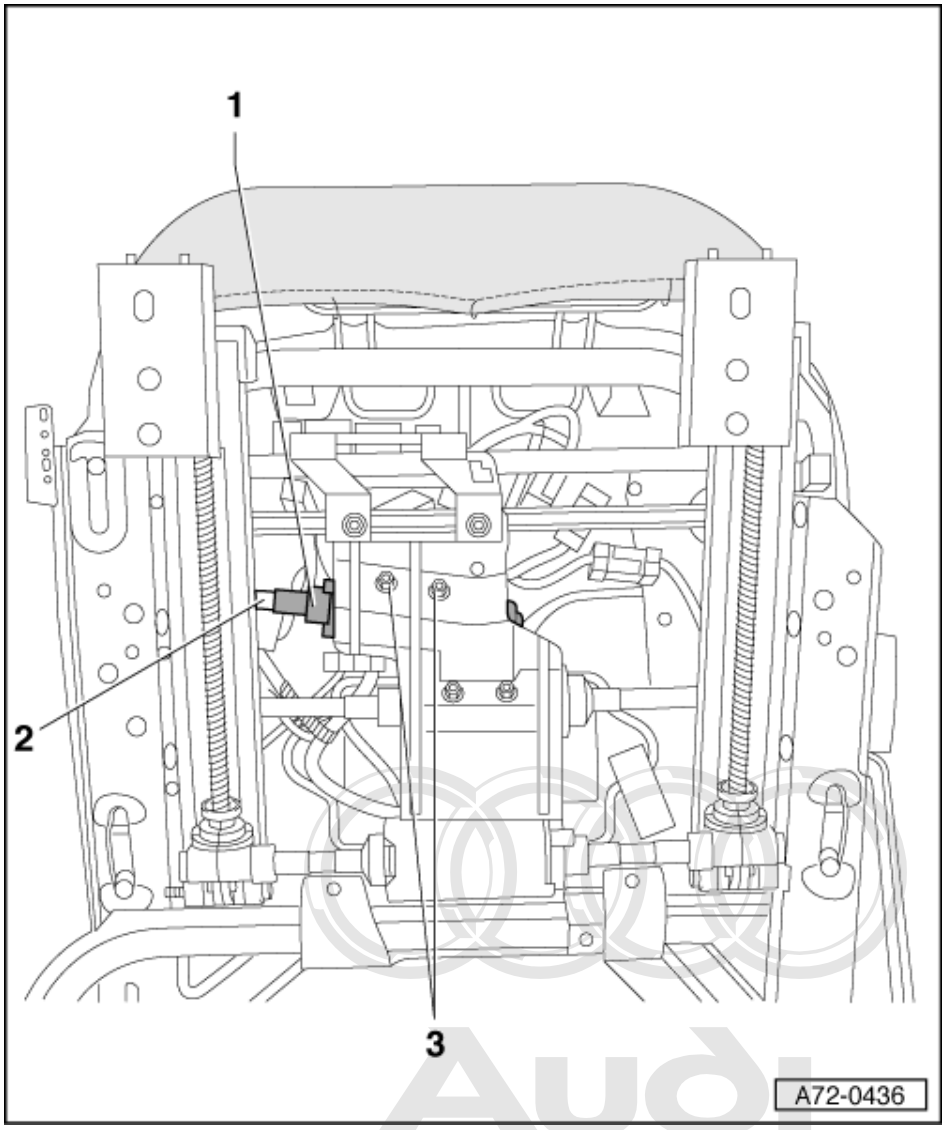
1 Connector for forward and backward seat adjustment motor

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- Removing
  - Press connector holders -2- (2x) together and remove connector holders.
  - Unplug connector -1-.

2 Connector holders (2x)

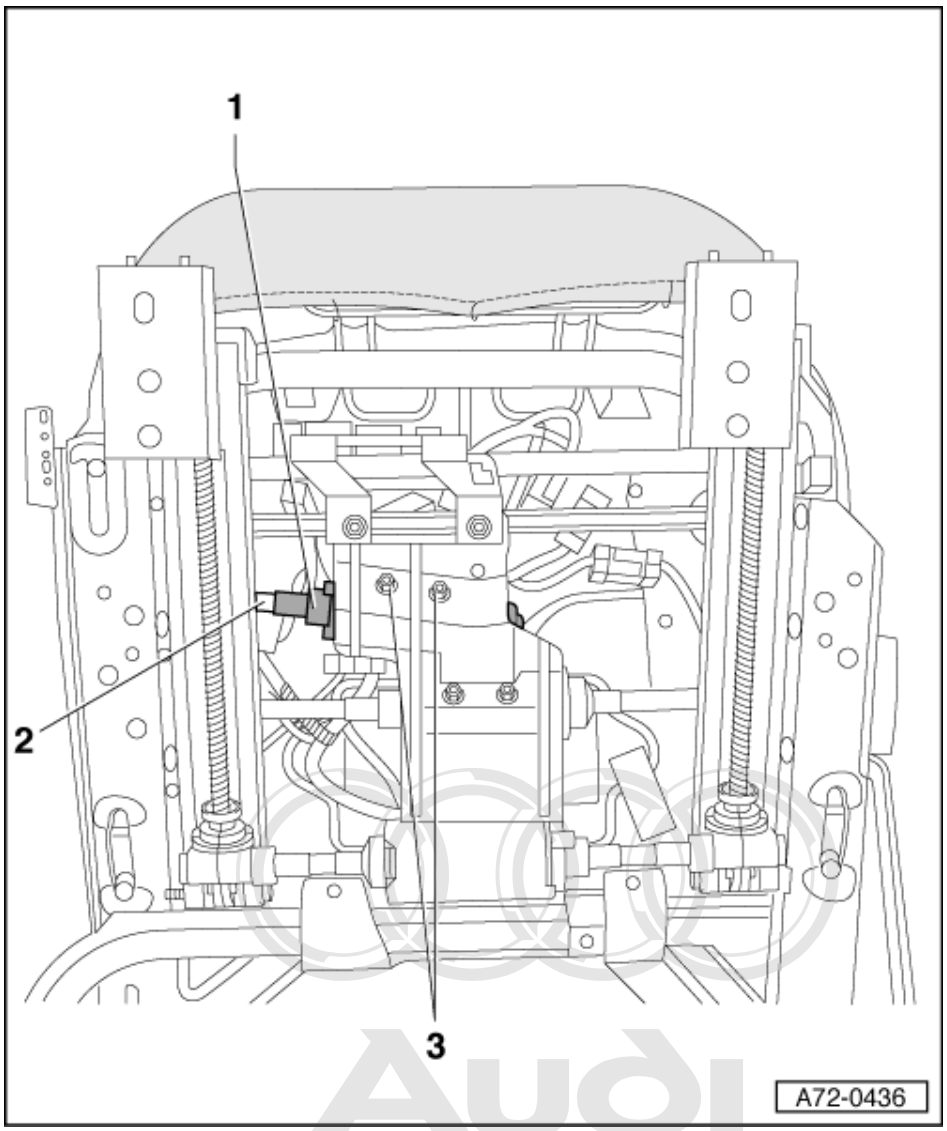
1.20 - Removing and installing seat angle adjustment motor



1 Seat angle adjustment motor

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- Removing
  - Remove seat => Page 210
  - Remove the connector for seat angle adjustment motor=>Page 224
  - Unscrew nuts -3- (2x).
  - Pull out the seat angle adjustment motor -1- and the shaft -2- to the right side.

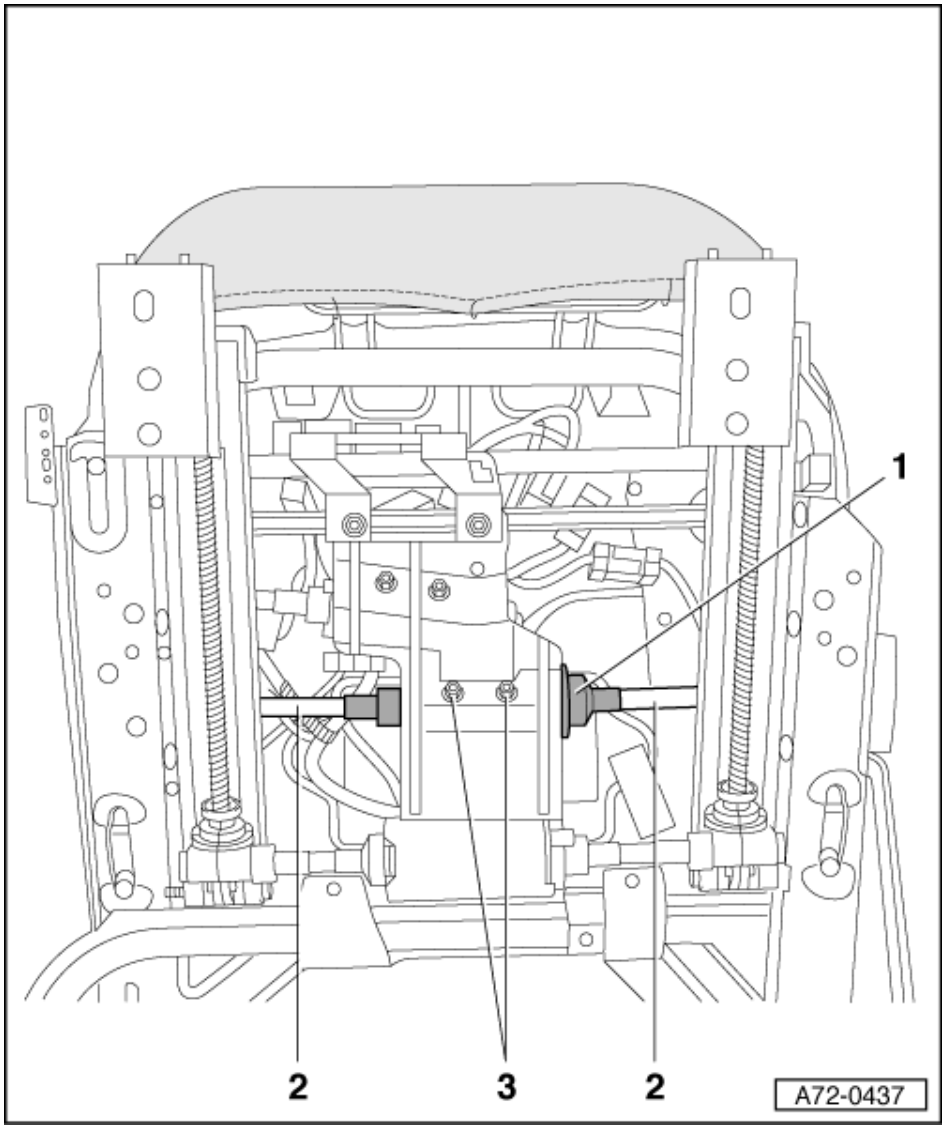


- Installing
  - Install the seat angle adjustment motor -1- in reverse order.

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2 Shaft
3 Nuts (2x)

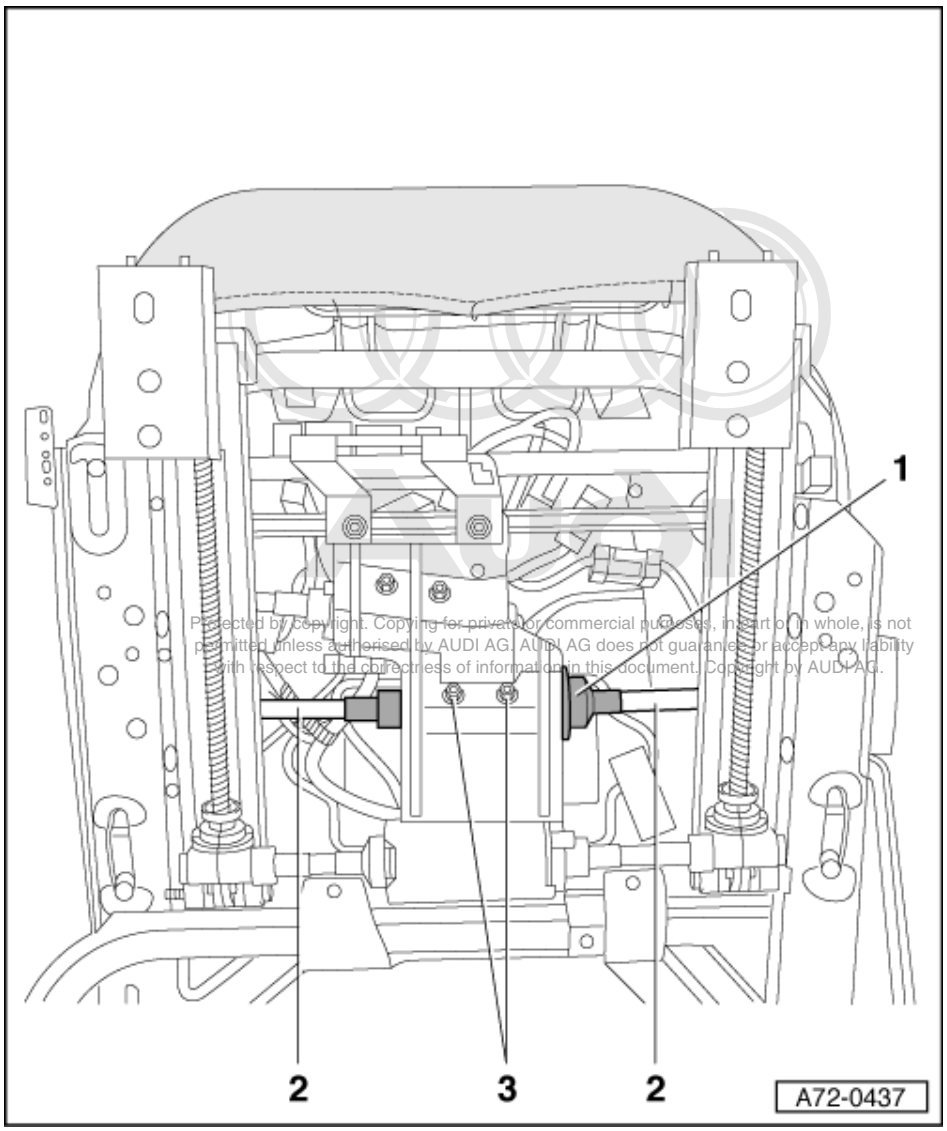
1.21 - Removing and installing seat height adjustment motor



1 Seat height adjustment motor

- Removing
  - Remove seat => Page 210
  - Remove the connector for seat height adjustment motor =>Page 225
  - Unscrew nuts -3- (2x).
  - Pull the shafts -2- (2x) out of the seat angle adjustment motor -1-.
  - Pull out the seat angle adjustment motor -1-.

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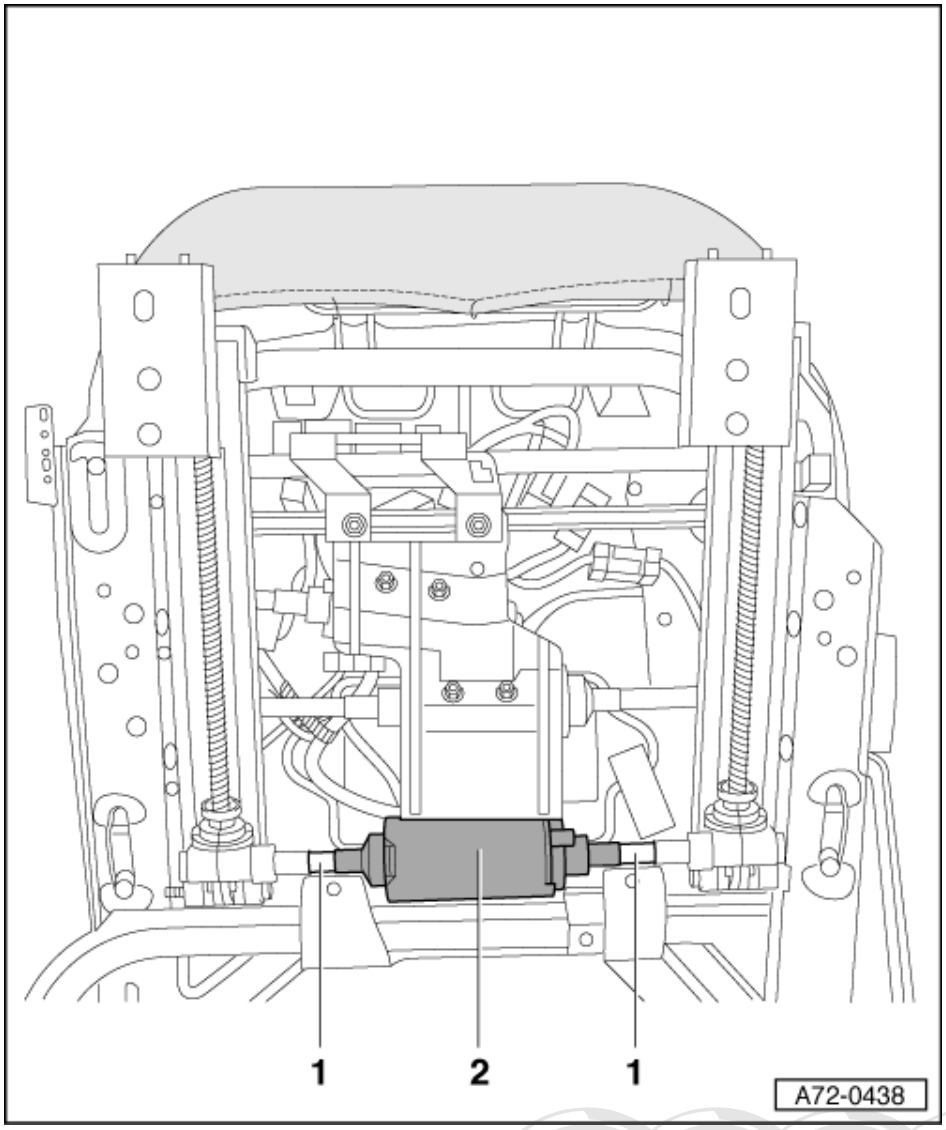


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- Installing
  - Install the seat height adjustment motor -1- in reverse order.

2 Shafts (2x)
3 Nuts (2x)

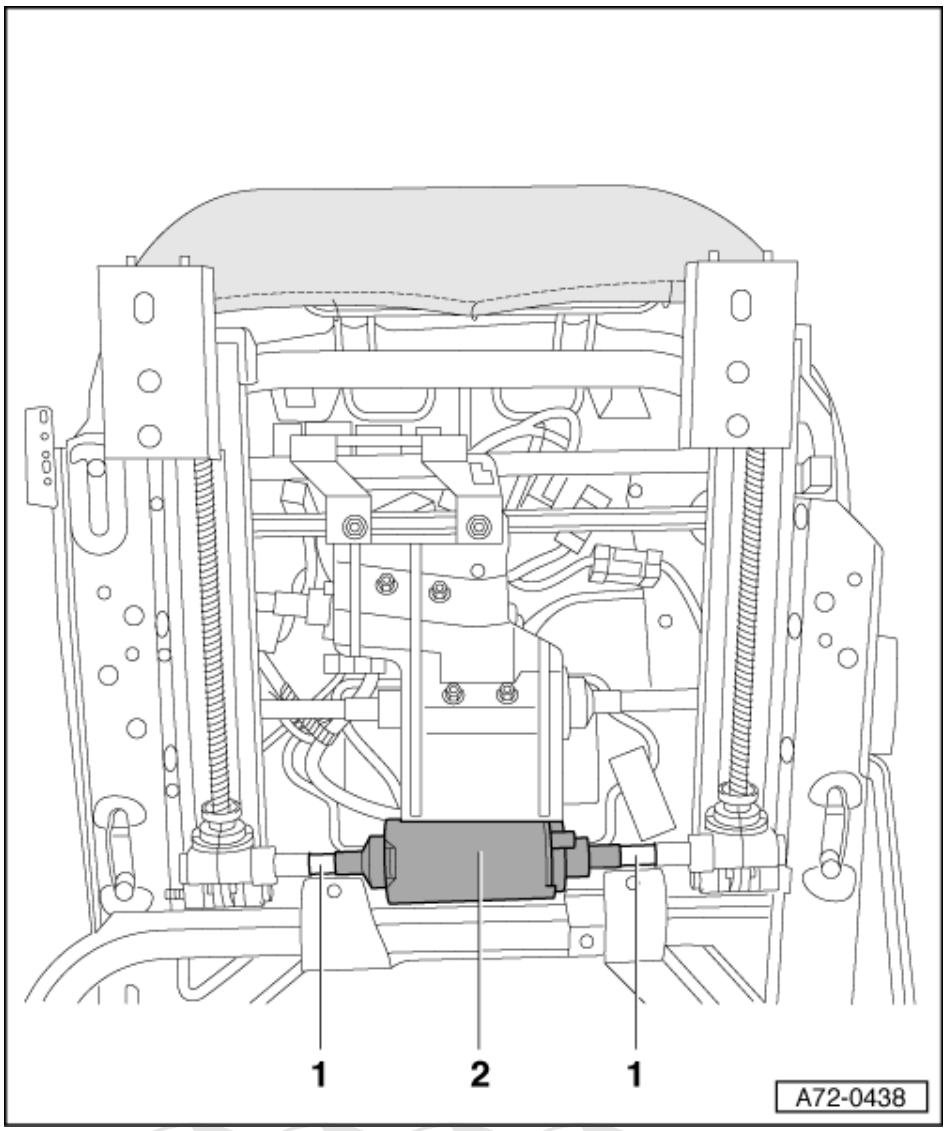
1.22 - Removing and installing forward and backward seat adjustment motor



1 Shafts (2x)
2 Forward and backward seat adjustment motor

- Removing
  - Remove seat => Page 210
  - Remove the connector for forward and backward seat adjustment motor=>Page 226

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Note:

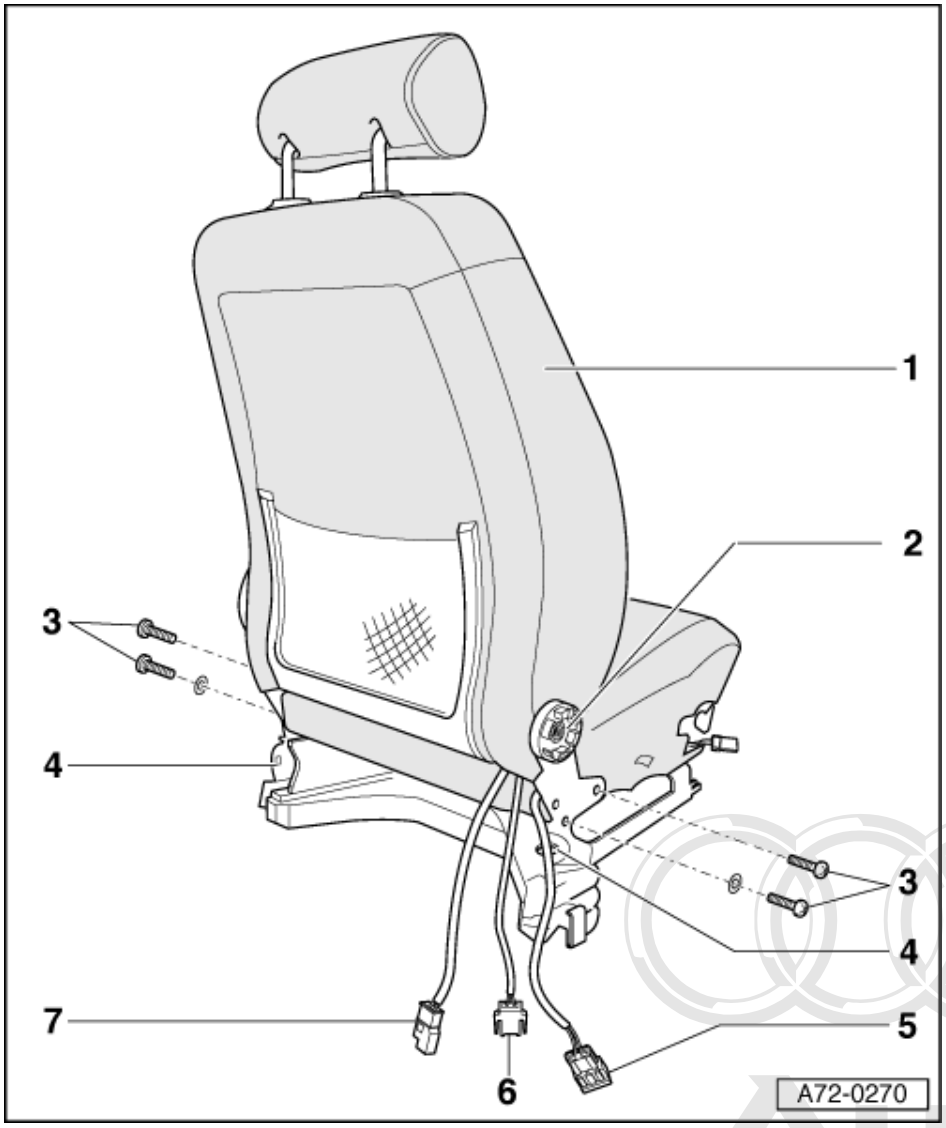
To create better access to the nuts (2x) on the rear of the motor for forward and backward seat adjustment, remove the seat height adjustment motor =>Page 229

- Unscrew the nuts (2x) on the rear of the motor for forward and backward seat adjustment motor -2-.
- Pull out the forward and backward seat adjustment motor -2- with the shafts -1- (2x).

◆ Installing
- Install the forward and backward seat adjustment motor -2- in reverse order.

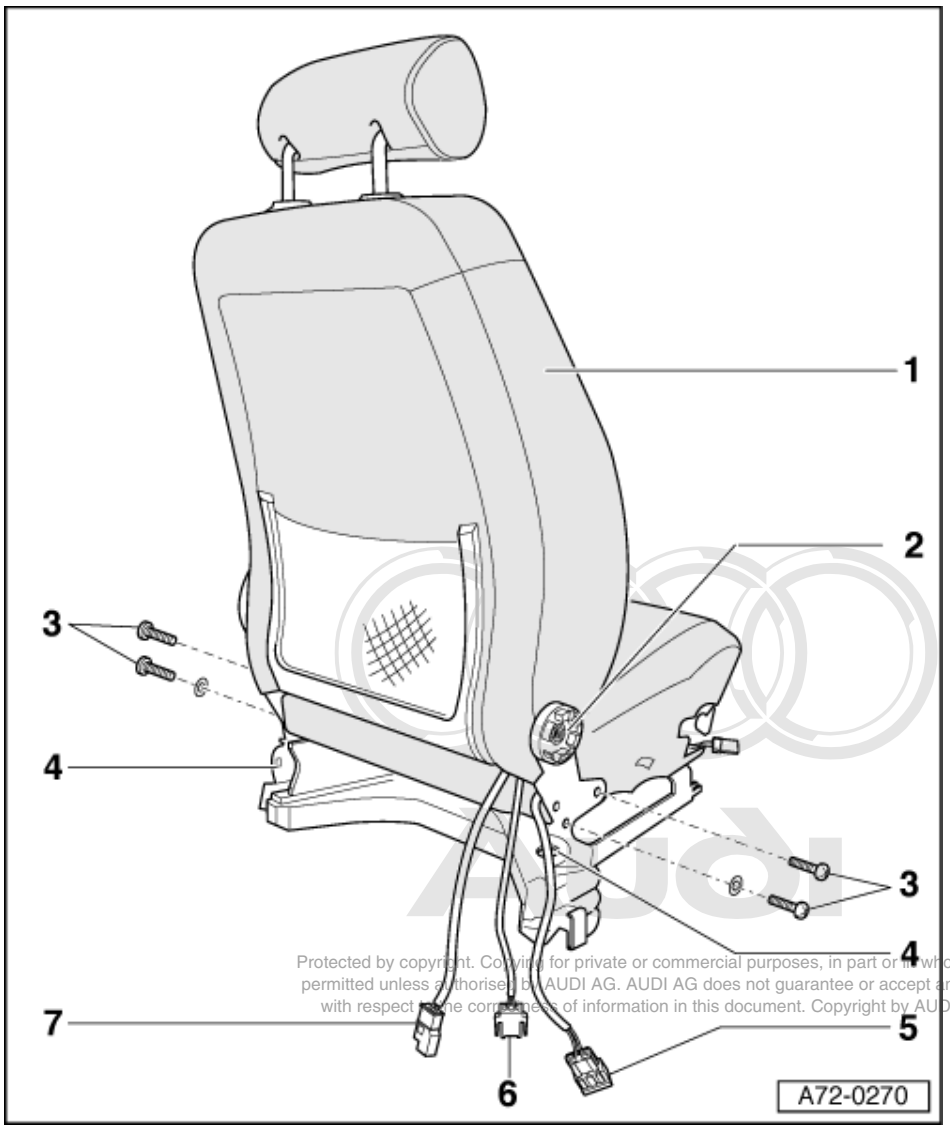
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1.23 - Removing and installing front seat backrest



- Remove seat => Page 208
- Remove seat side panel =>Page 215
- Vehicles with side airbag: Remove side airbag plugs =>Page 72-18
- On vehicles with seat heaters: Remove backrest heating connectors =>Page 72-20
- Vehicles with lumbar support: Remove lumbar support connectors =>Page 223

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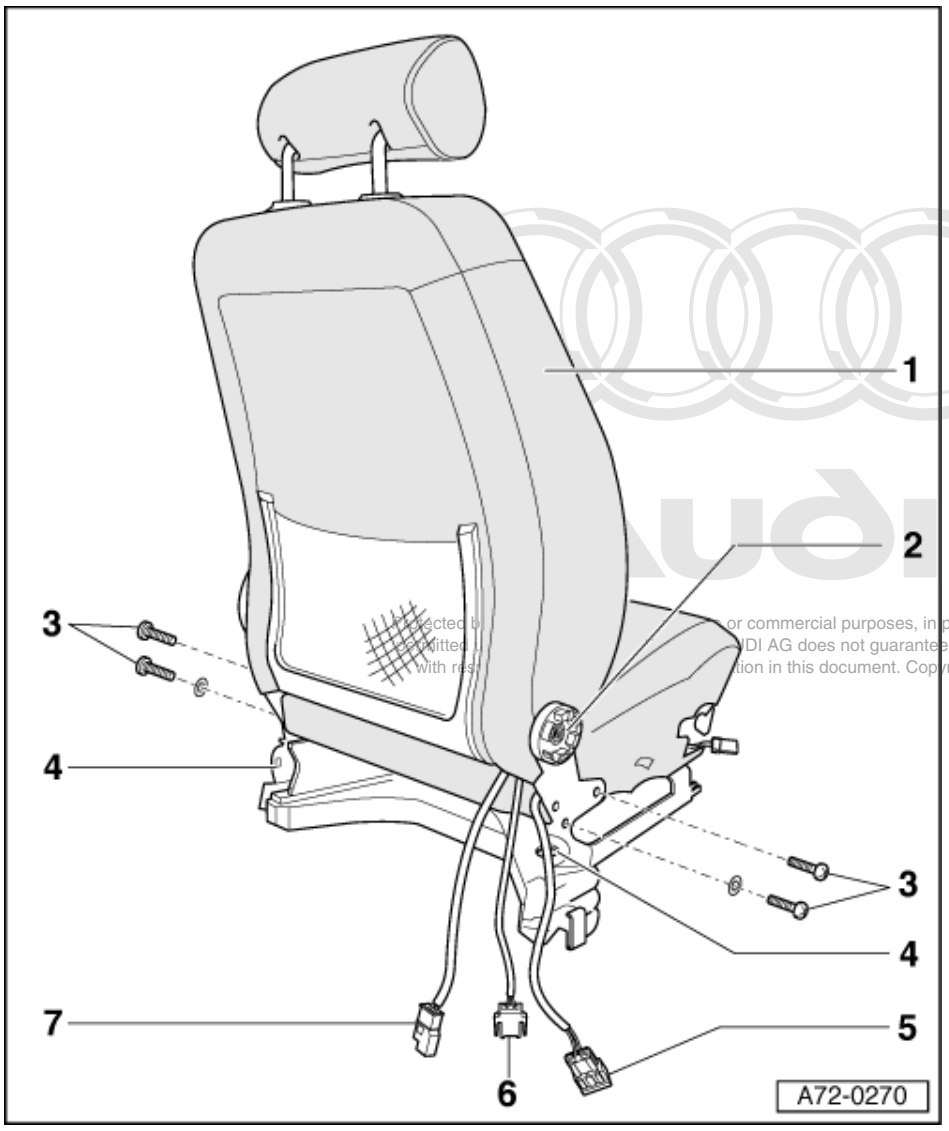
Note:

The number of the cable depends on the model.

Cushioning element -2- does not have to be detached, it forms part of backrest frame.

1 Backrest

- Removing
  - Unscrew the screws -3- (4x) and remove the washers (2x).
  - Tilt backrest forwards -1-.
  - Disengage the tabs -4- (2x).
  - Pull out the wiring -5-, -6- and -7-.
  - Take off backrest -1- upwards.

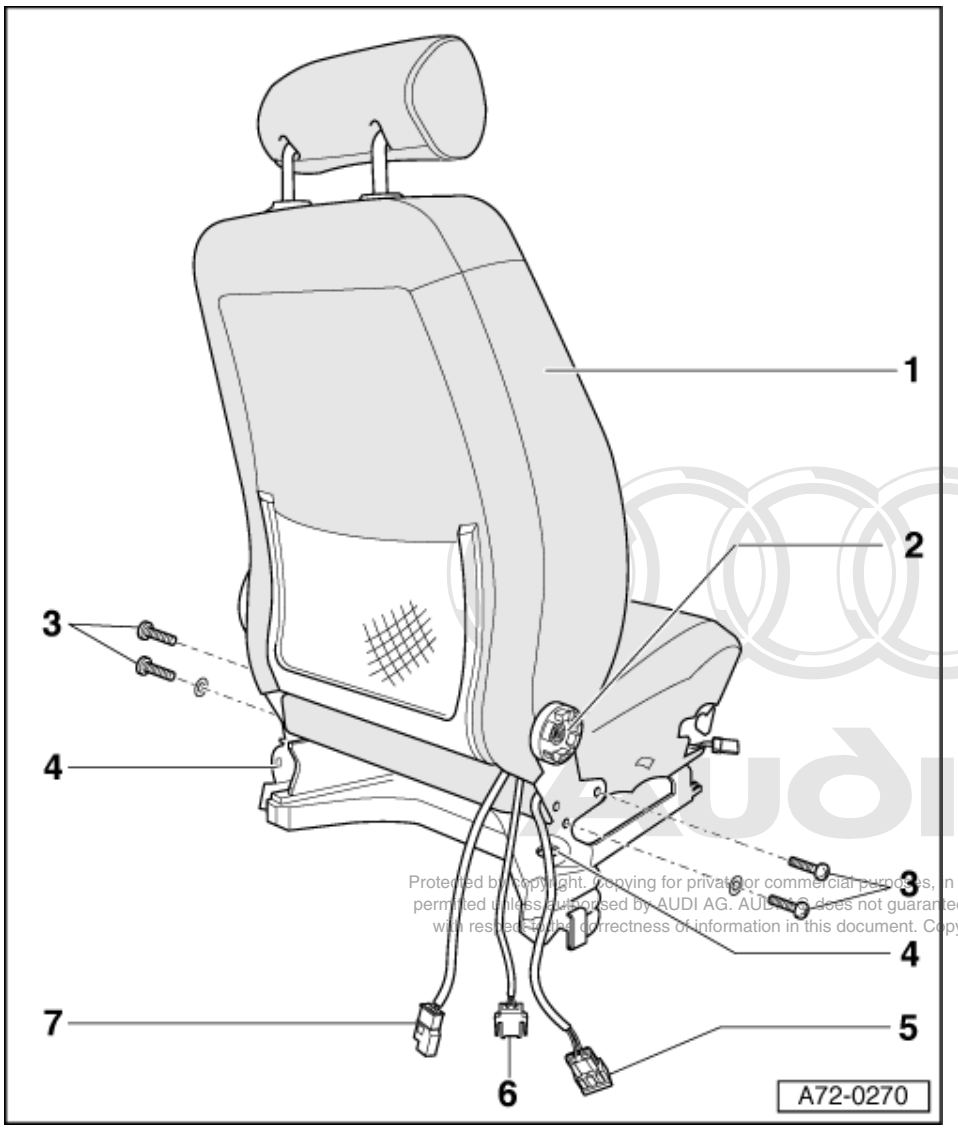


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◆ Installing

Important When routing the cable, ensure that the wiring cannot be chafed by any moving parts.

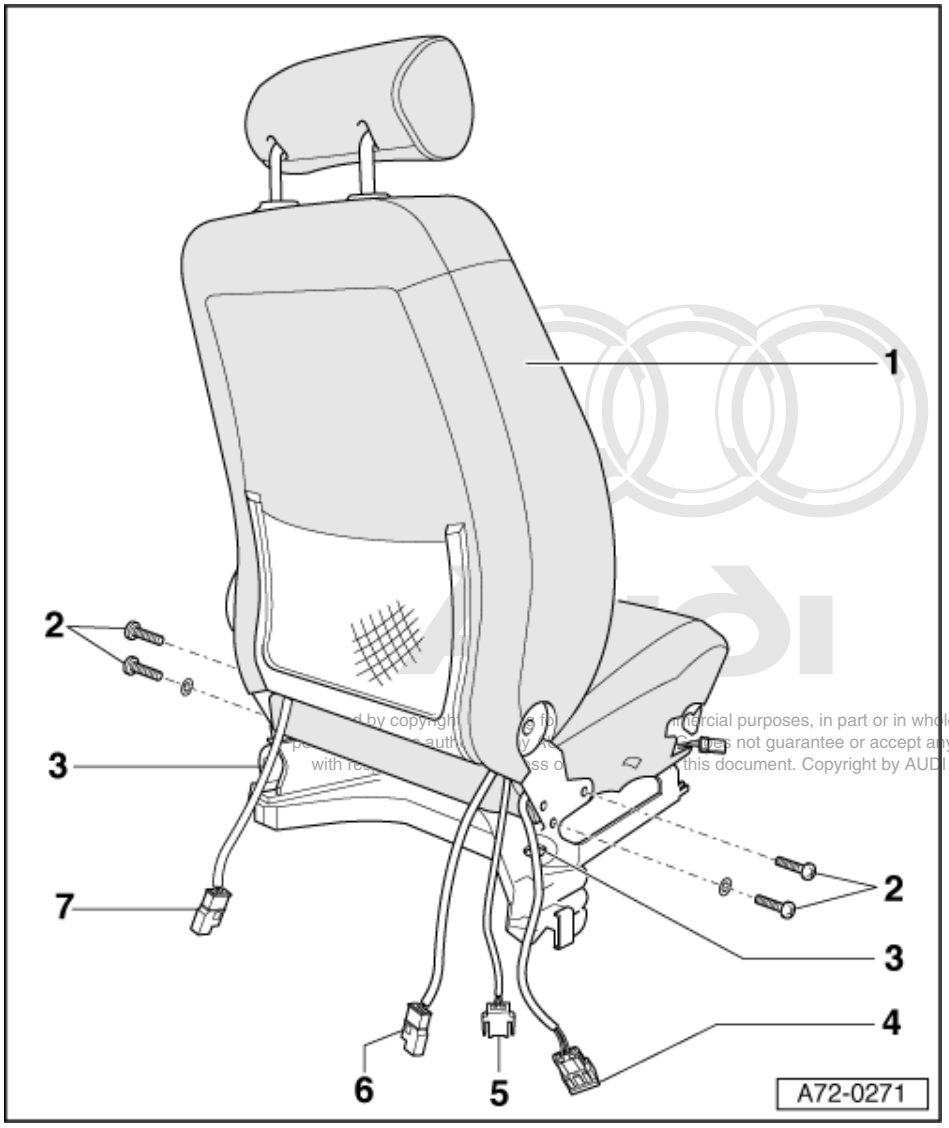
- Installation is in reverse order.
- Route the side airbag cable -5- over the fitting for the folding backrest.
- Route the cable for the backrest heater -6- under the fitting for the folding backrest.
- Route the cable for the lumbar support -7- under the fitting for the folding backrest.



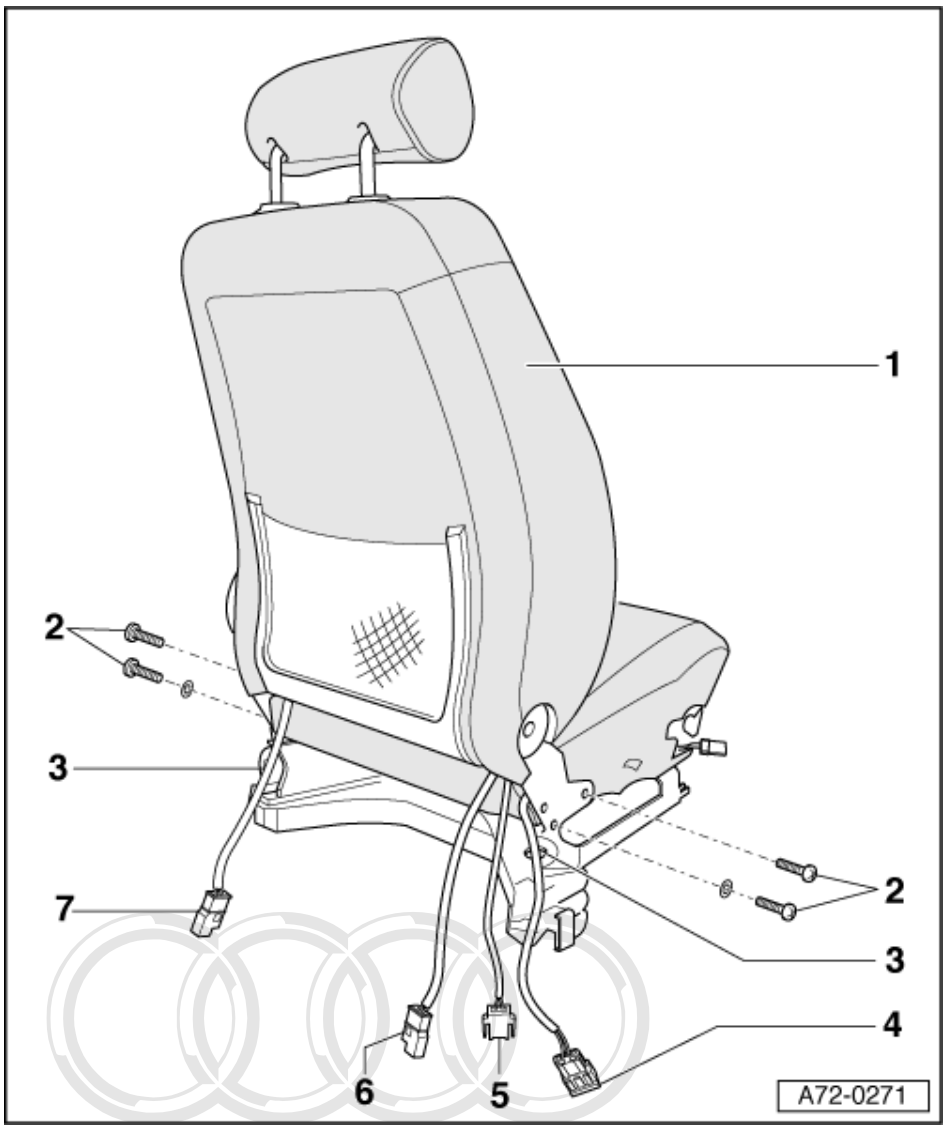
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2 Cushioning element
3 Bolts (4x)
- Tightening torque 27 Nm
4 Tabs
5 Side airbag cable
6 Wire for backrest heating
7 Lumbar support cable

1.24 - Removing and installing front seat backrest (memory seat, electric seat)



- Remove seat => Page 208
- Remove seat side panel =>Page 72-14
- Vehicles with side airbag: Remove side airbag plugs =>Page 220
- Remove backrest motor connectors =>Page 221
- On vehicles with seat heating: Remove backrest heating connectors =>Page 222
- Vehicles with lumbar support: Remove lumbar support connectors =>Page 223



Note:

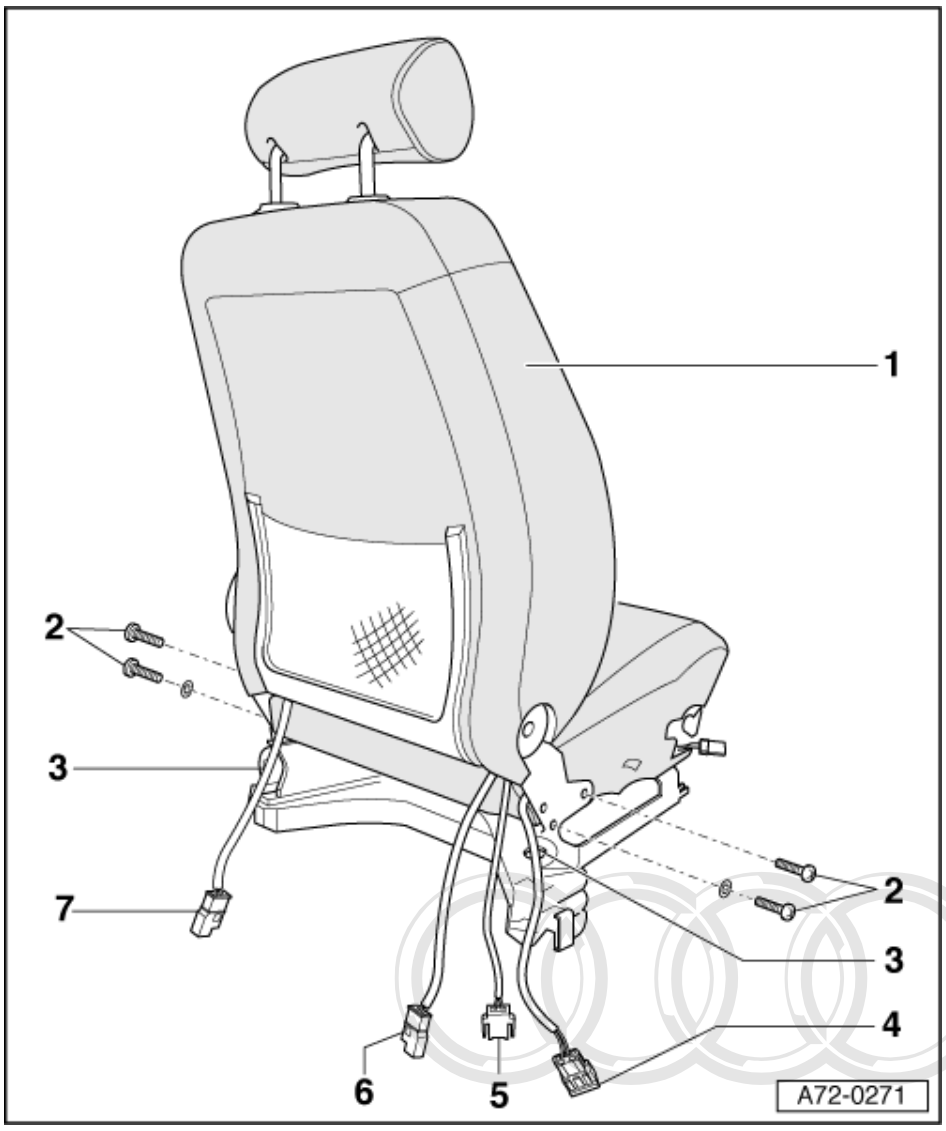
The number of the cable depends on the model.

1 Backrest

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◆ Removing

- Unscrew bolts -2- (4x).
- Tilt backrest forwards -1-.
- Disengage the tabs -3- (2x).
- Pull out the wiring -4-, -5-, -6- and -7-.
- Take off backrest -1- upwards.

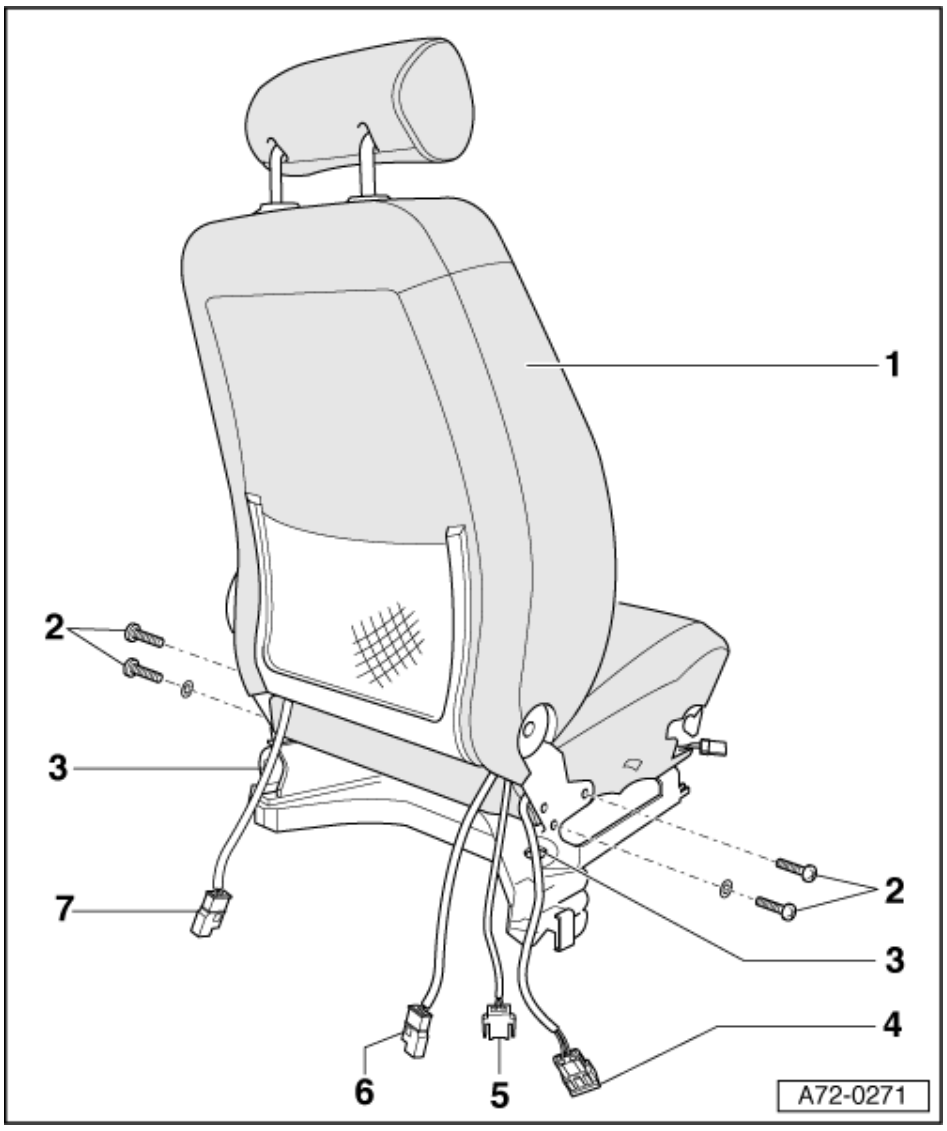


- Installing

Important
When routing the cable, ensure that the wiring cannot be chafed by any moving parts.

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- Installation is in reverse order.
- Route the side airbag cable -4- over the fitting for the folding backrest.
- Route the cable for the backrest heater-5- under the fitting for the folding backrest.
- Route the cable for the backrest motor -6- under the fitting for the folding backrest.
- Route the cable for the lumbar support -7- underthe fitting for the folding backrest.



2 Bolts (4x)
- Tightening torque 27 Nm

3 Tabs (2x)

4 Side airbag cable

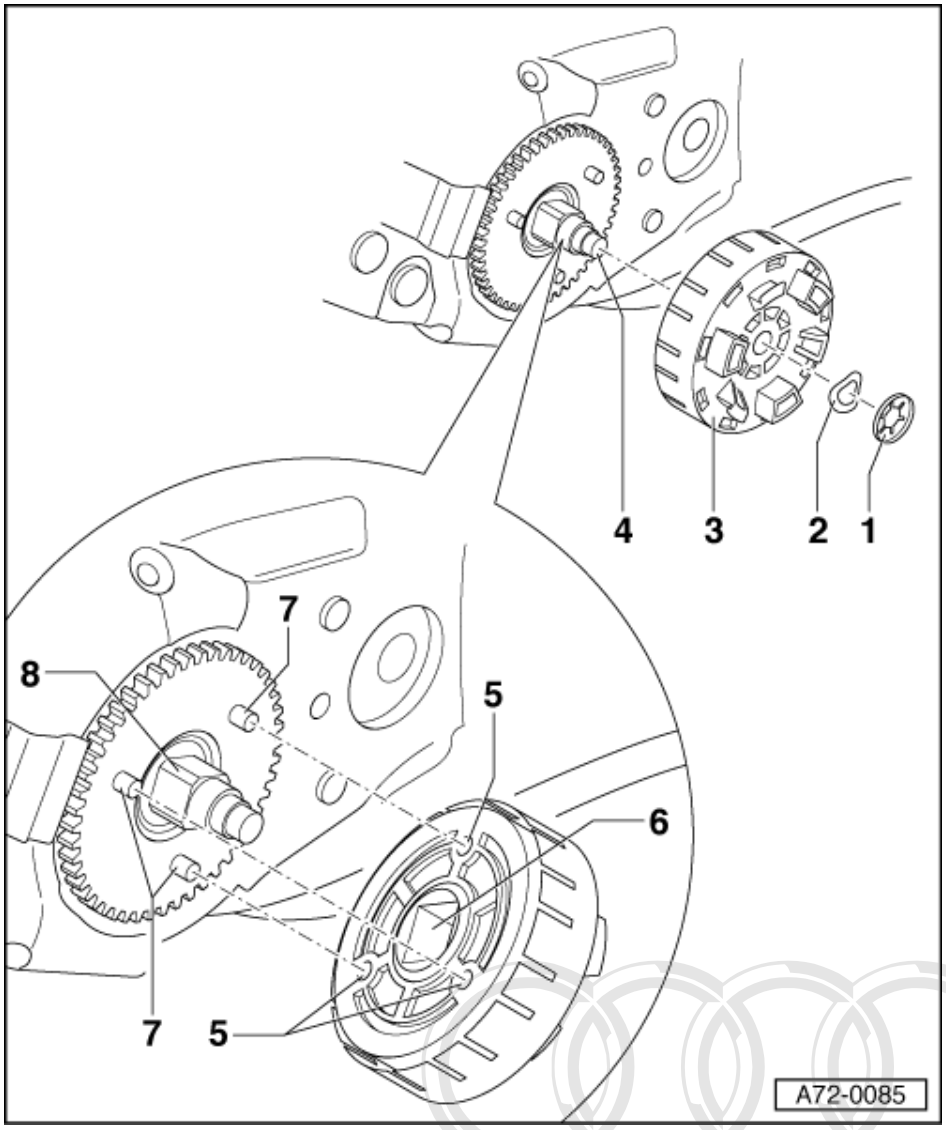
5 Wire for backrest heating

6 Backrest motor wiring

7 Lumbar support cable

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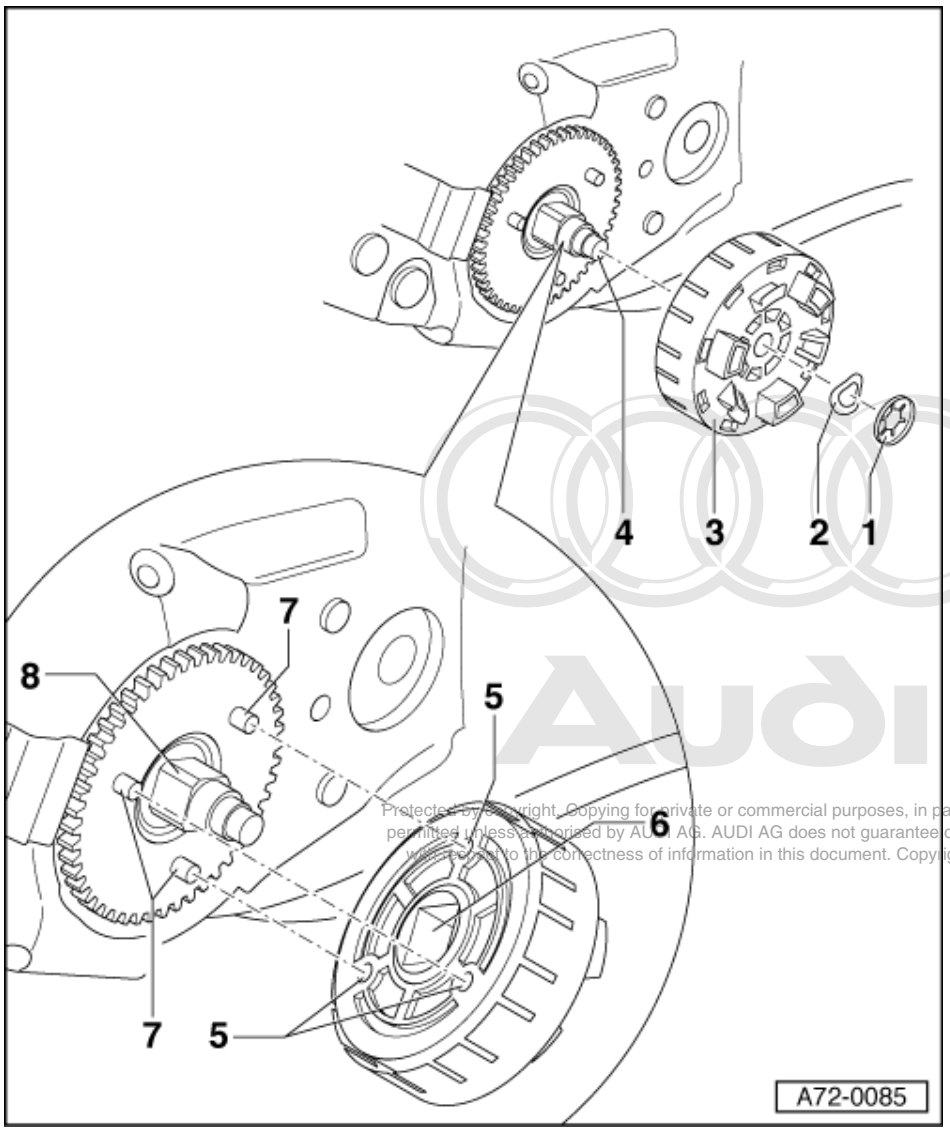
1.25 - Removing and installing cushioning element for backrest adjuster



1 Spring lock washer
2 Corrugated washer
3 Cushioning element

- Removing
  - Remove seat => Page 208
  - Remove seat side panel =>Page 215
  - Use screwdriver to lever out spring lock washer -1-.
  - Detach cushioning element -3- with corrugated washer -2- from hub -4-.

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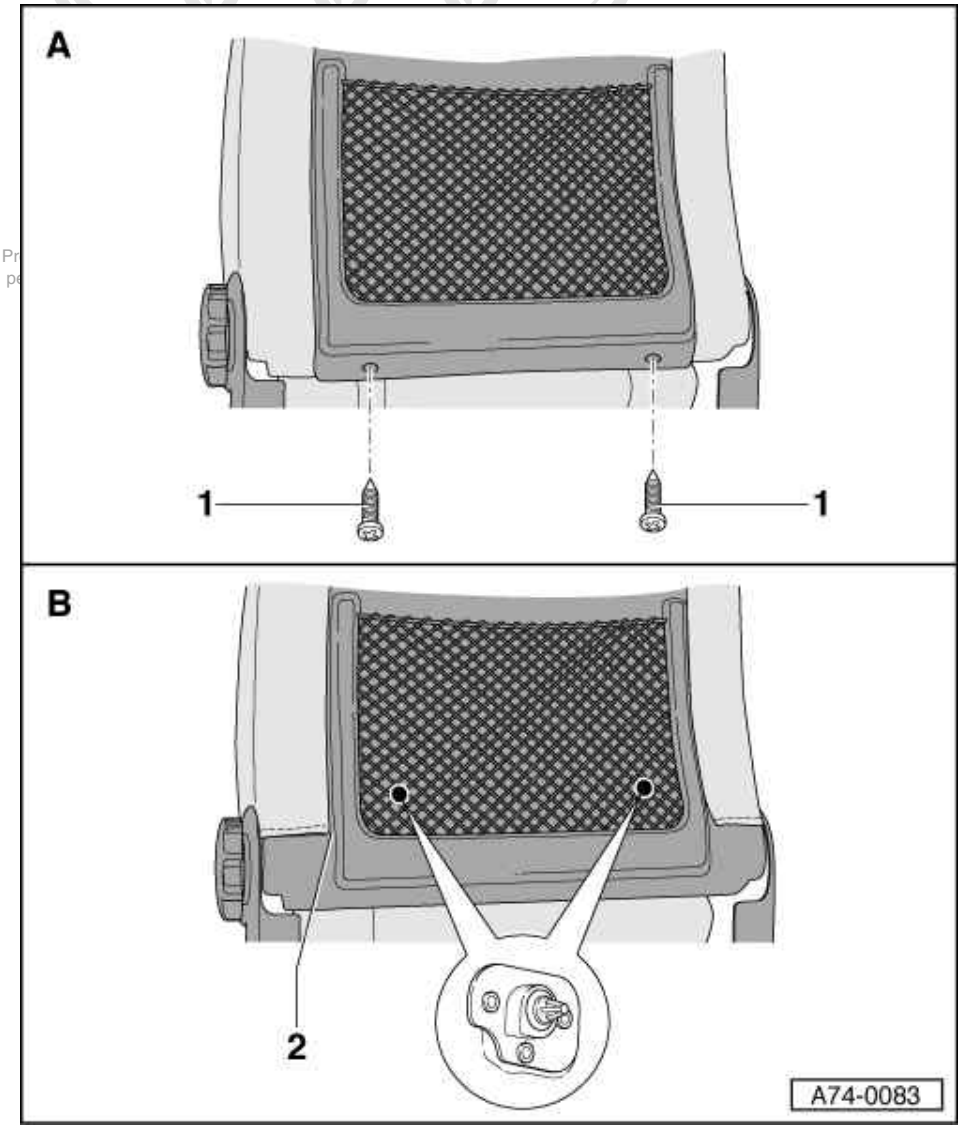


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- Installing
  - On installation, retainer tabs -7- must be inserted into mounts -5- and square drive -8- into square socket -6-.
  - Use wrench socket to tap new spring lock washer -1- into place.

4 Hub
5 Retainers
6 Square socket
7 Retainer tabs
8 Square drive

1.26 - Range of backrest covers



Note:

The calendar weeks (CW) indicated are approximate on account of gradual introduction.

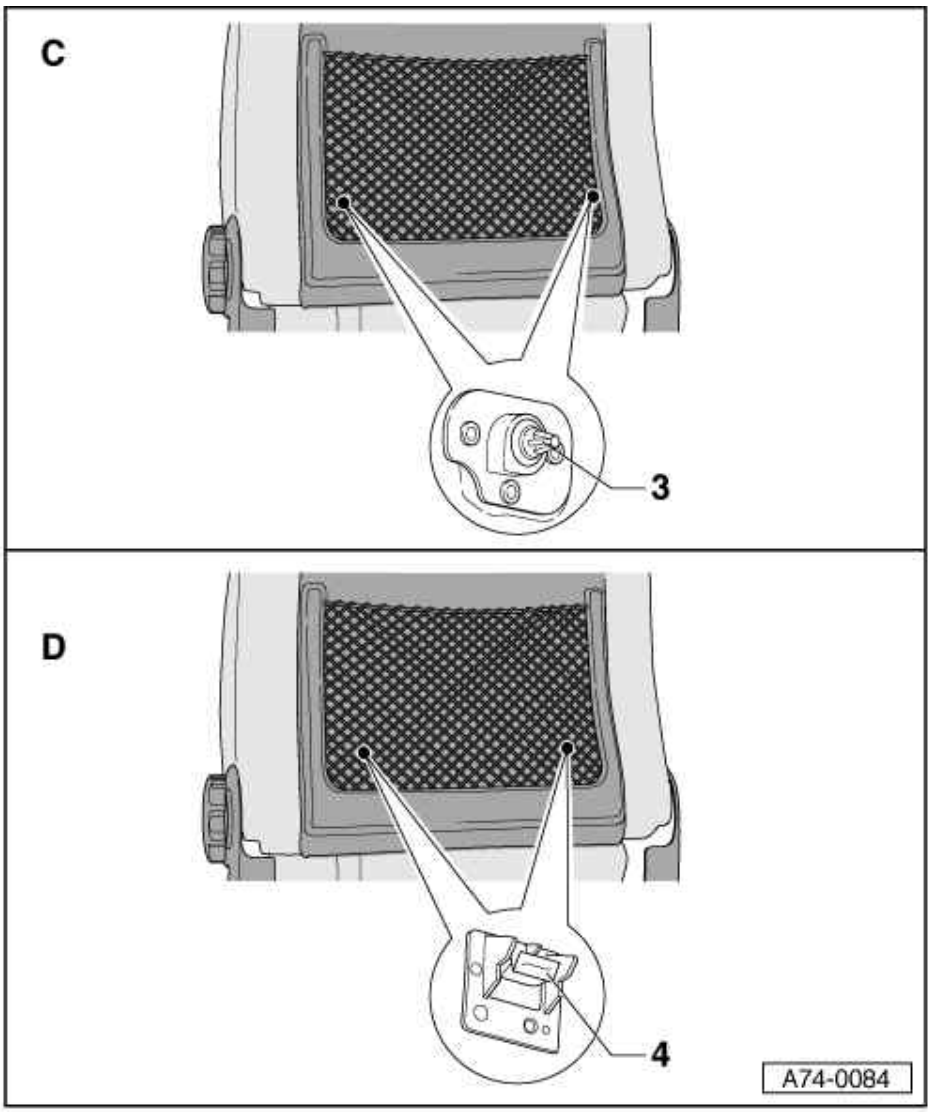
1 Backrest cover up to date of manufacture: Calendar Week 40.1996=>Page 245

Identification: Bolted on underside, Fig. A.

2 Backrest cover for date of manufacture between calendar week 40.1996 and 10.1997 => Page 246

Identification: Fabric does not reach as far as bottom edge of backrest cover, Fig. B.

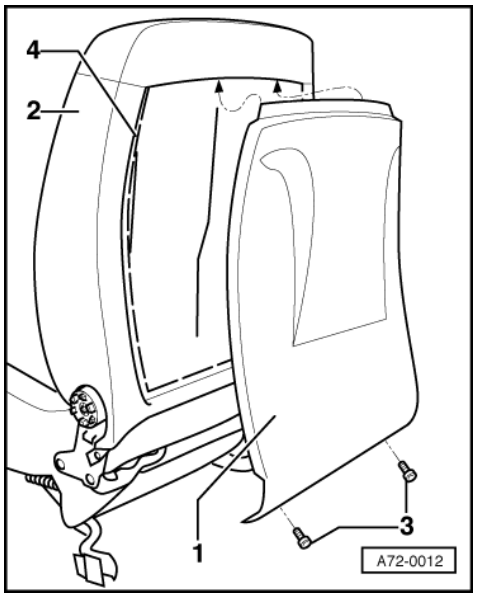
Identification: Fabric does not reach as far as bottom edge of backrest cover, Fig. B.



3 New backrest cover for date of manufacture between calendar week 10.1997 and 15.1997 => Page 248
Identification: Clips -3- can be levered out with a screwdriver, Fig. C.

4 New backrest cover as of date of manufacture calendar week 15.1997 =>Page 72-51
Identification: Locking tabs -4- cannot be levered out with a screwdriver, Fig. D.

1.27 - Removing and installing backrest cover up to date of manufacture, calendar week 40.1996



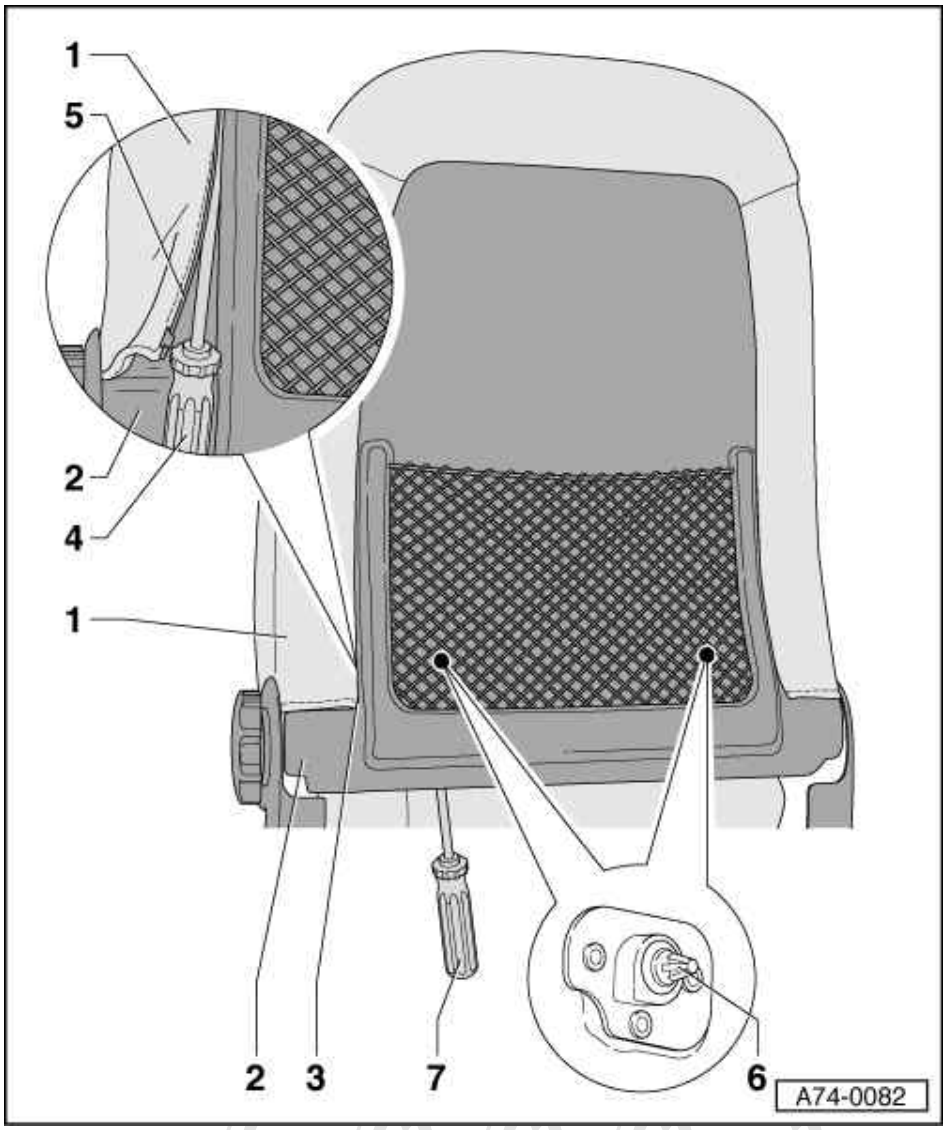
Note:

Distinguishing feature of this backrest cover version: bolted underneath.

- -> Remove screws -3- (2x).
- Remove backrest cover-1- downwards from guide rails -4-.

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1.28 - Removing and installing backrest cover for date of manufacture between calendar week 40.1996 and 10.1997



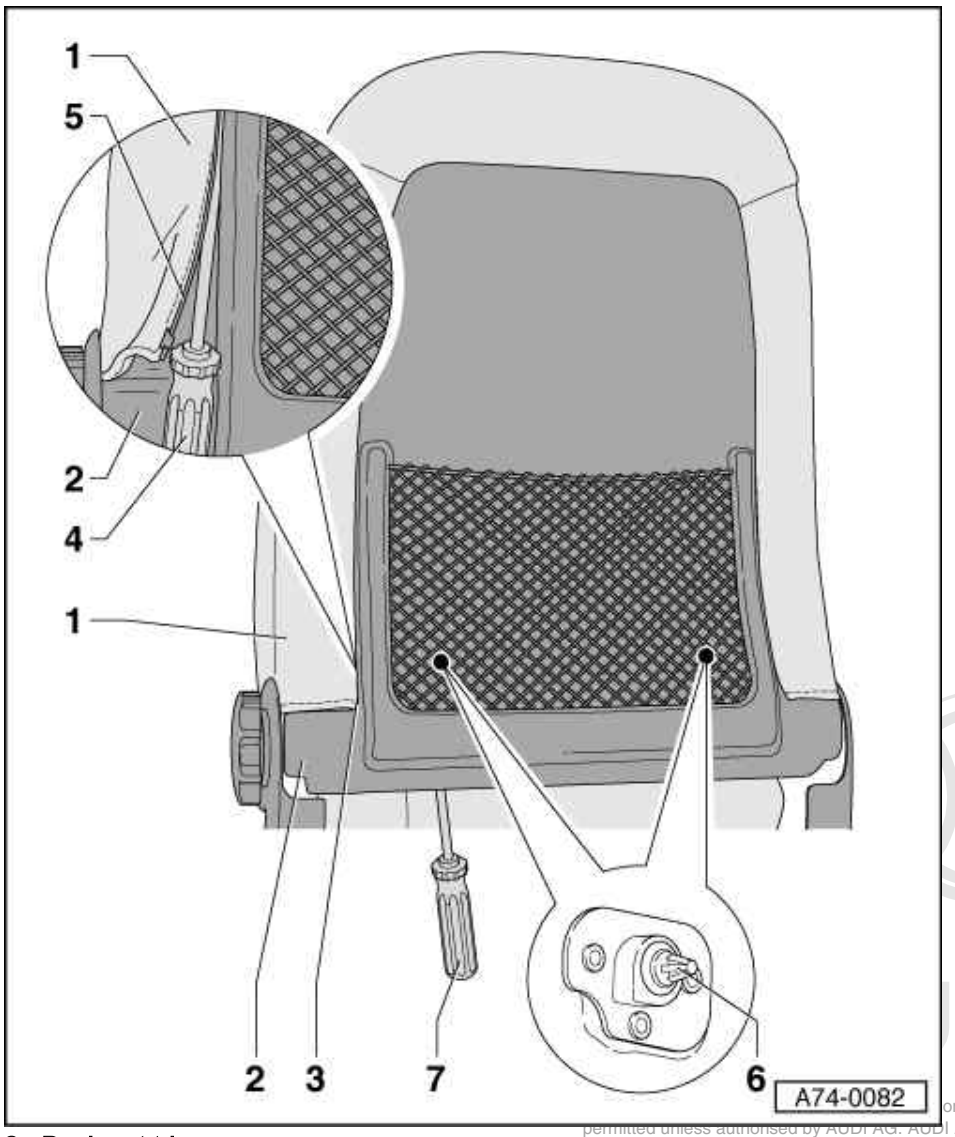
Note:

Distinguishing feature of this backrest cover version: the cover which does not continue to the lower end of the backrest cover at the cover shoulder -3-.

1 Seat cover

- Use a screwdriver -4- to lever out fabric piping -5- starting at cover shoulder -3-.
- Lever out piping -5- all round.
- Apply screwdriver -7- at clips -6- (2x) and turn/lever with screwdriver -7- until clip -6- disengages.

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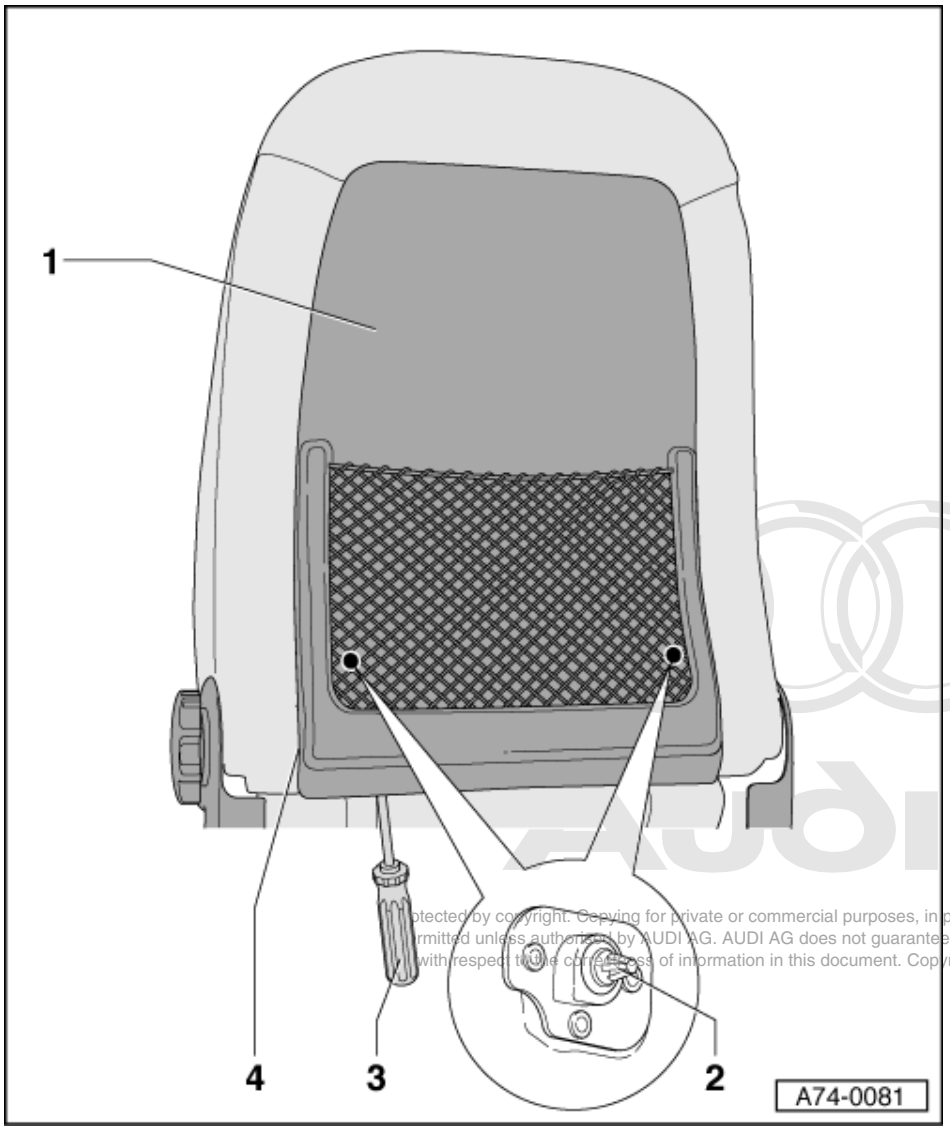


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2 Backrest trim
3 Fabric offset
4 Screwdriver
5 Piping
6 Clip (2x)
- Always renew damaged clips.

7 Screwdriver

1.29 - Removing and installing backrest cover for date of manufacture between calendar week 10.1997 and 15.1997



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Note:

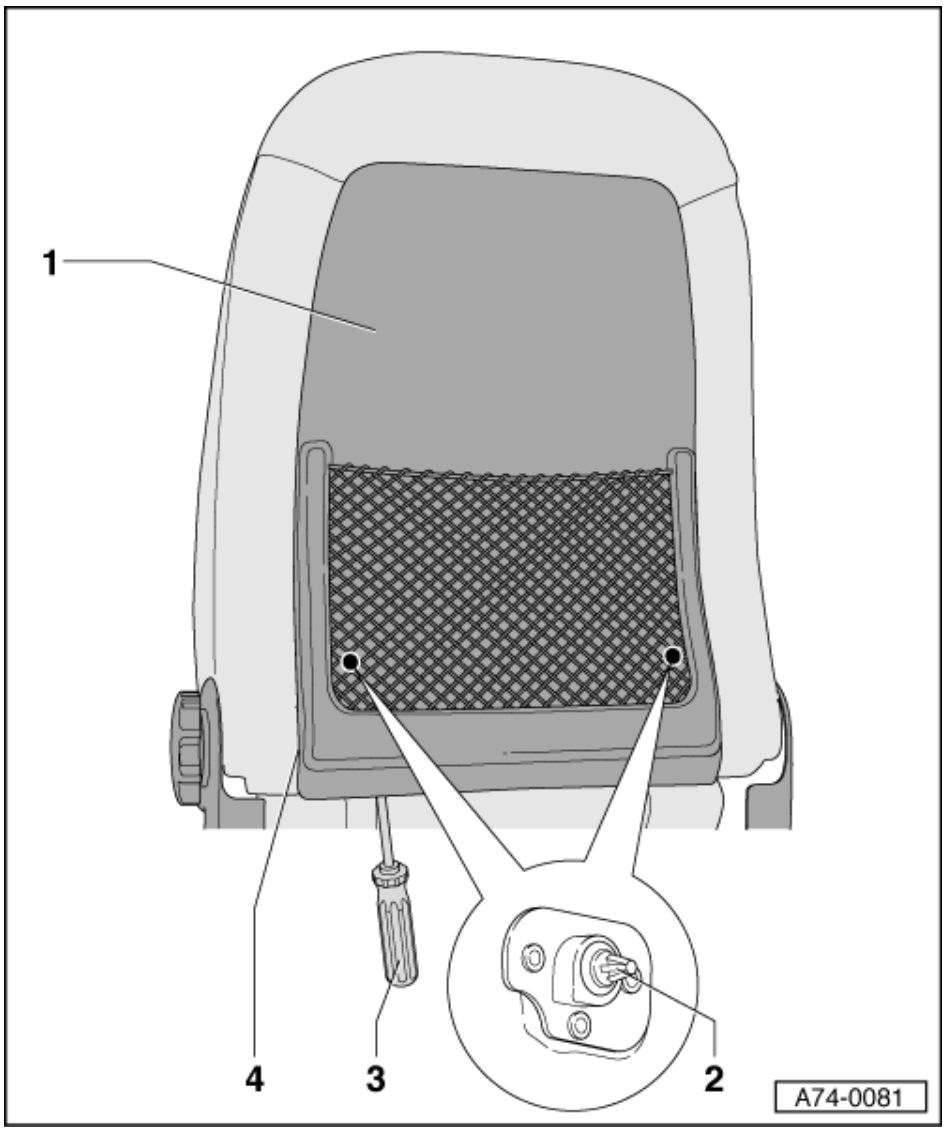
Distinguishing feature of this backrest cover version: continuous cover at -4-

Can be levered out with a screwdriver.

If it is not possible to detach backrest cover without exerting force then vehicle is fitted with backrest cover version as of calendar week 15 =>Page 249

1 Backrest trim

- Pull backrest cover -1- away from seat slightly and slip screwdriver -3- behind backrest cover.



- Apply screwdriver -3- at the appropriate points and turn/lever with screwdriver -3- until clip -2- disengages.

2 Clip
- Always renew damaged clips.

3 Screwdriver

4 Seat cover

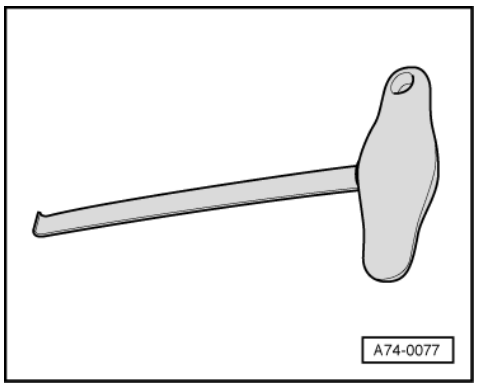
1.30 - Removing and installing backrest cover as of date of manufacture, calendar week 15.1997

Note:

Distinguishing feature of this backrest cover version: continuous cover as for version =>Page 248

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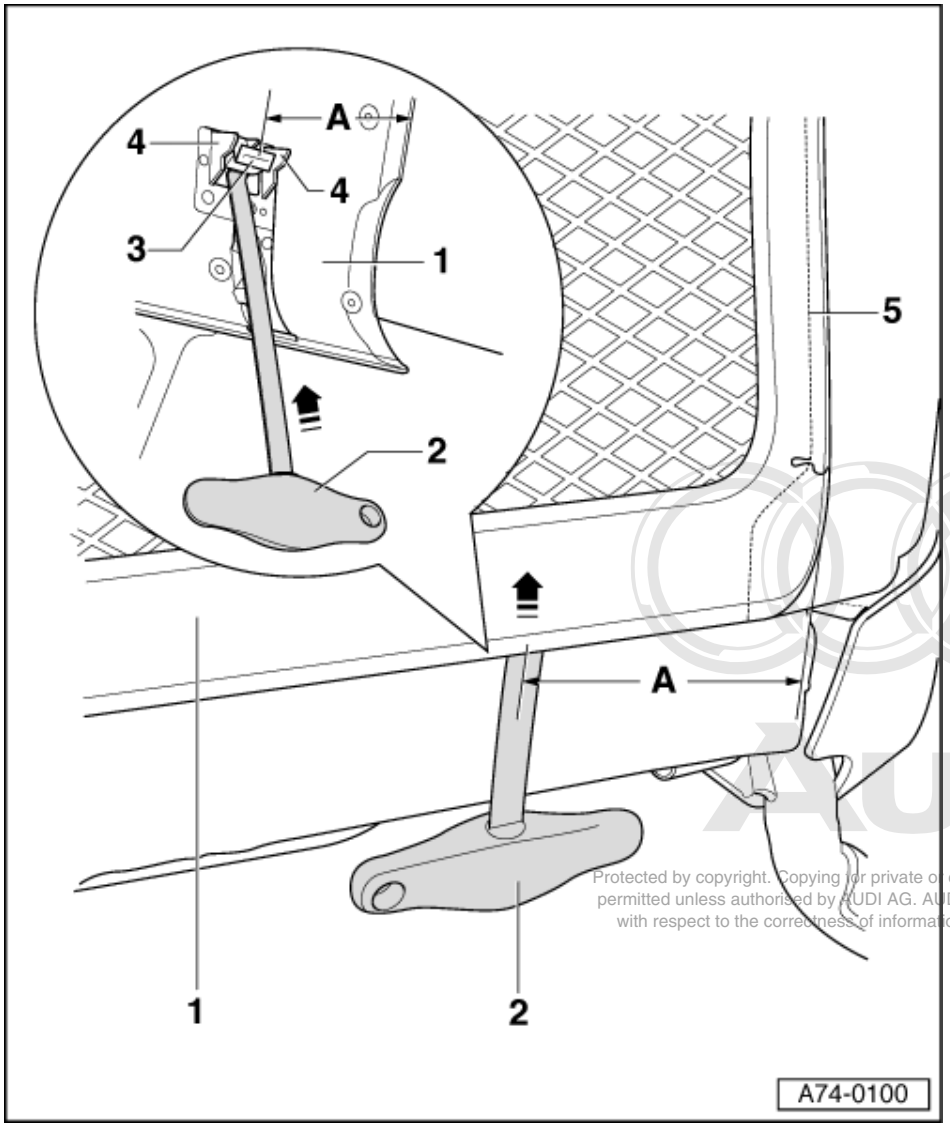
Cannot be levered out with a screwdriver.



If special tool 3370 is applied at the locations shown and makes no contact, then vehicle is fitted with backrest cover version from calendar weeks 10 to 15 => Page 248

Tools

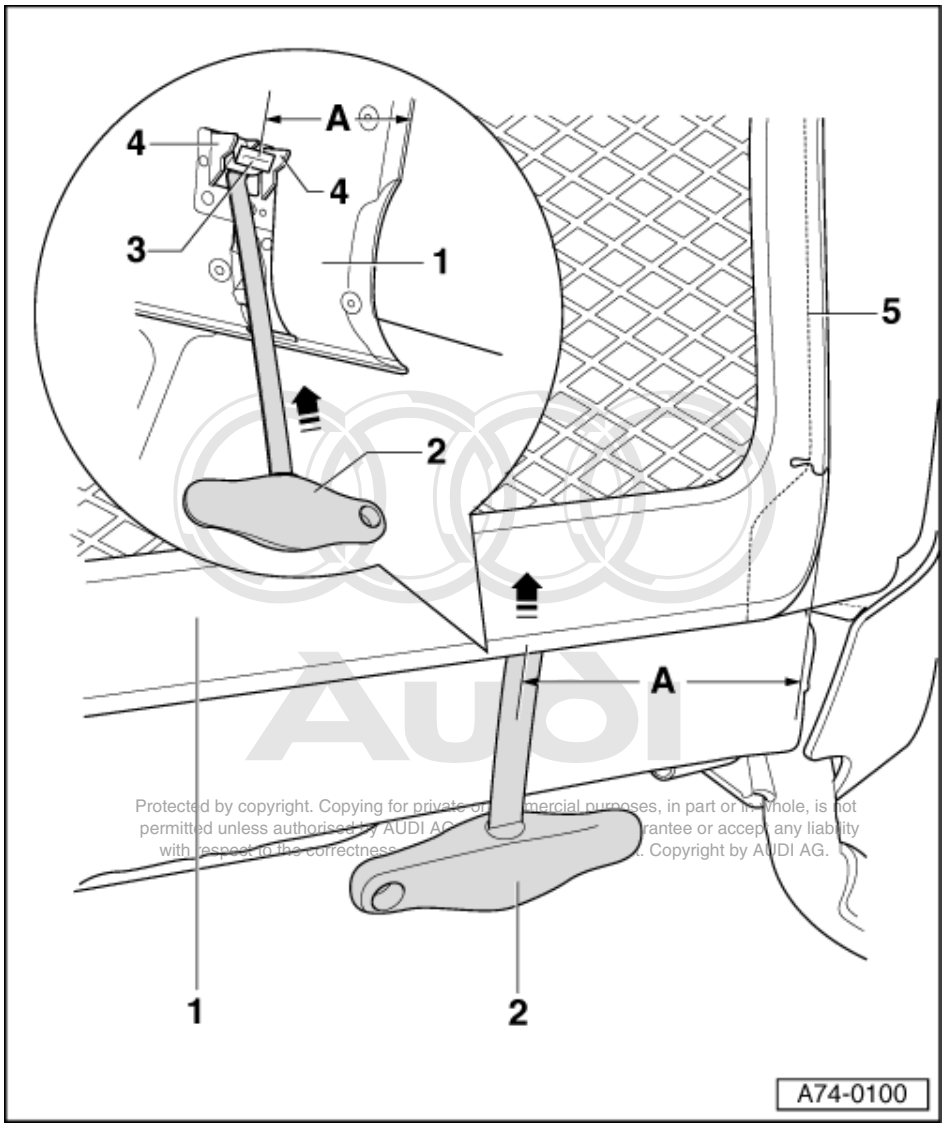
- -> Special tool 3370



1 Backrest trim

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- Removing
  - Pull backrest cover -1- away from seat slightly and slip special tool 3370 -2- behind backrest cover.
  - Measured inwards, the retaining hooks -3- are approx. 95 mm from outer edge of backrest cover -1- (dimension -A-).
  - Locate centre of retaining hook -3- between ribs -4- by moving special tool 3370 laterally.



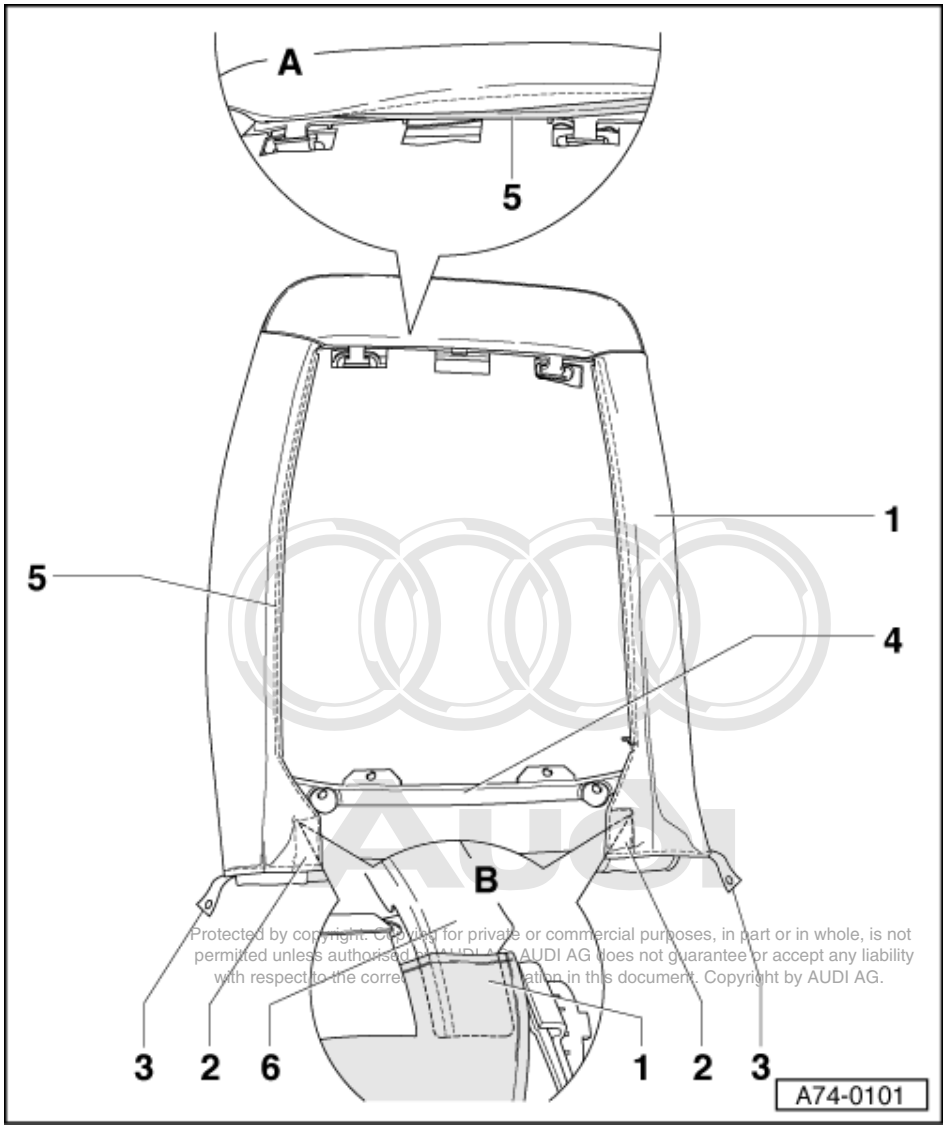
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  - Press special tool 3370 firmly in direction of arrow until retaining hooks are disengaged (taking care not to pull backrest cover away from seat).
  - Remove backrest cover -1- from the front.

- Installing
  - When installing the backrest panel -1- you must insert the backrest panel -1- into the groove in piping -5-.

2 Special tool 3370
3 Retaining hook (2x)
4 Ribs
5 Piping with groove

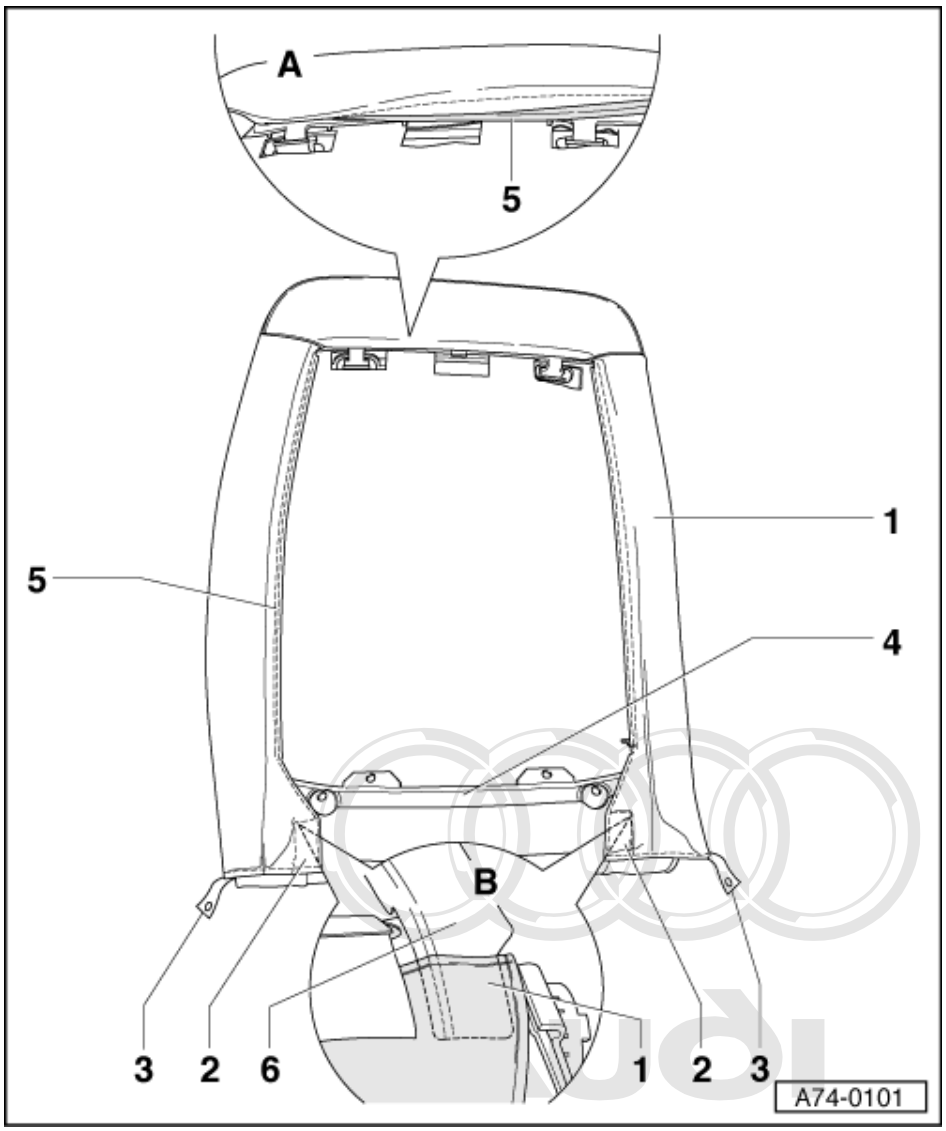
1.31 - Removing and installing surround



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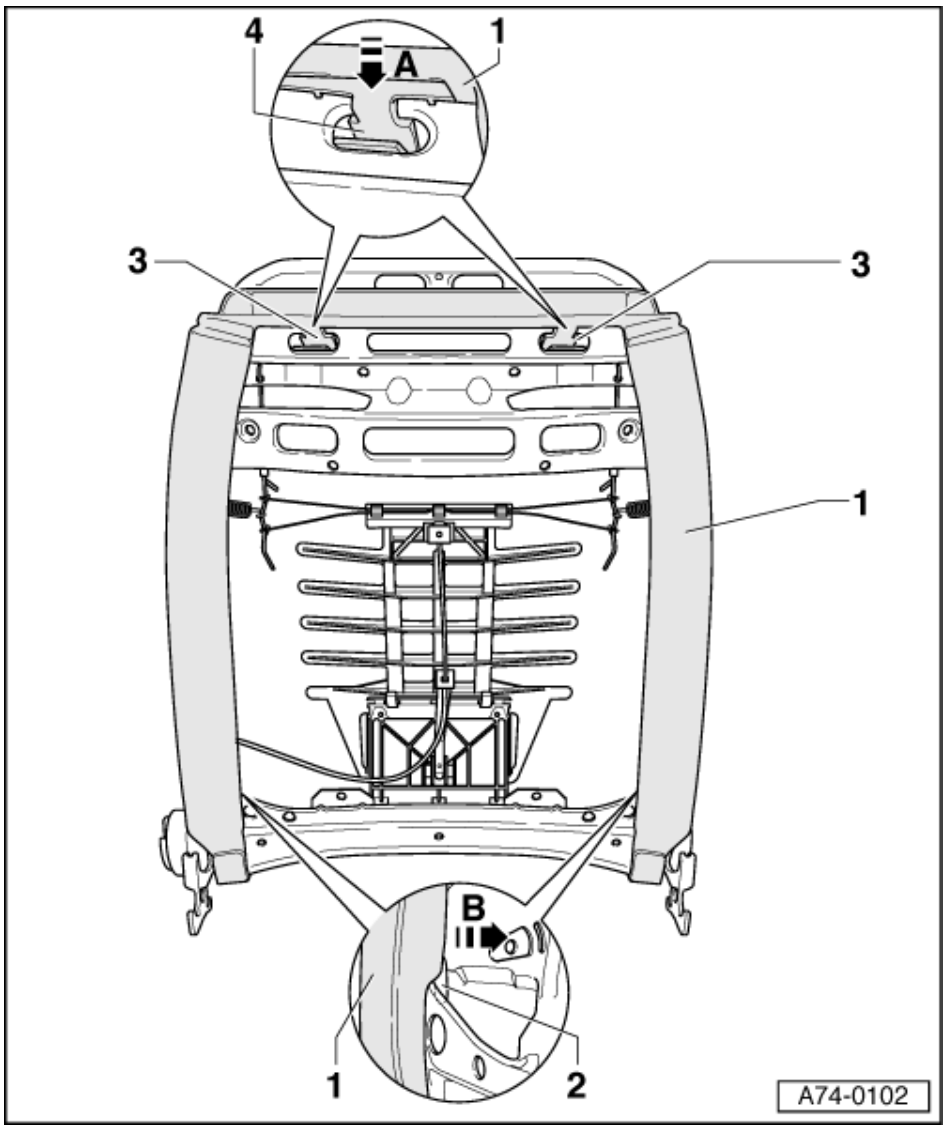
1 Seat cover

- Removing
  - Detach velcro fastenings -2- (2x).
  - Disengage the rubber belts -3- (2x).
  - Detach fastening strip -4- from backrest frame.
  - Lever piping -5- out of surround at top -6-.
  - Pull the seat cover to one side -1-.



2 Velcro fastenings (2x)
3 Rubber belts (2x)
4 Fastening strip
5 Piping (2x)
6 Surround

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1 Surround

- Press top of surround -1- downwards (arrow direction -A-) at retainer tabs -3- until retainer tabs -3- (2x) are disengaged.
- Pull the bottom side panels of the surround -1- inwards (direction of arrow -B-) until retaining tabs -2- (2x) are loose.
- Remove side panels -1-.

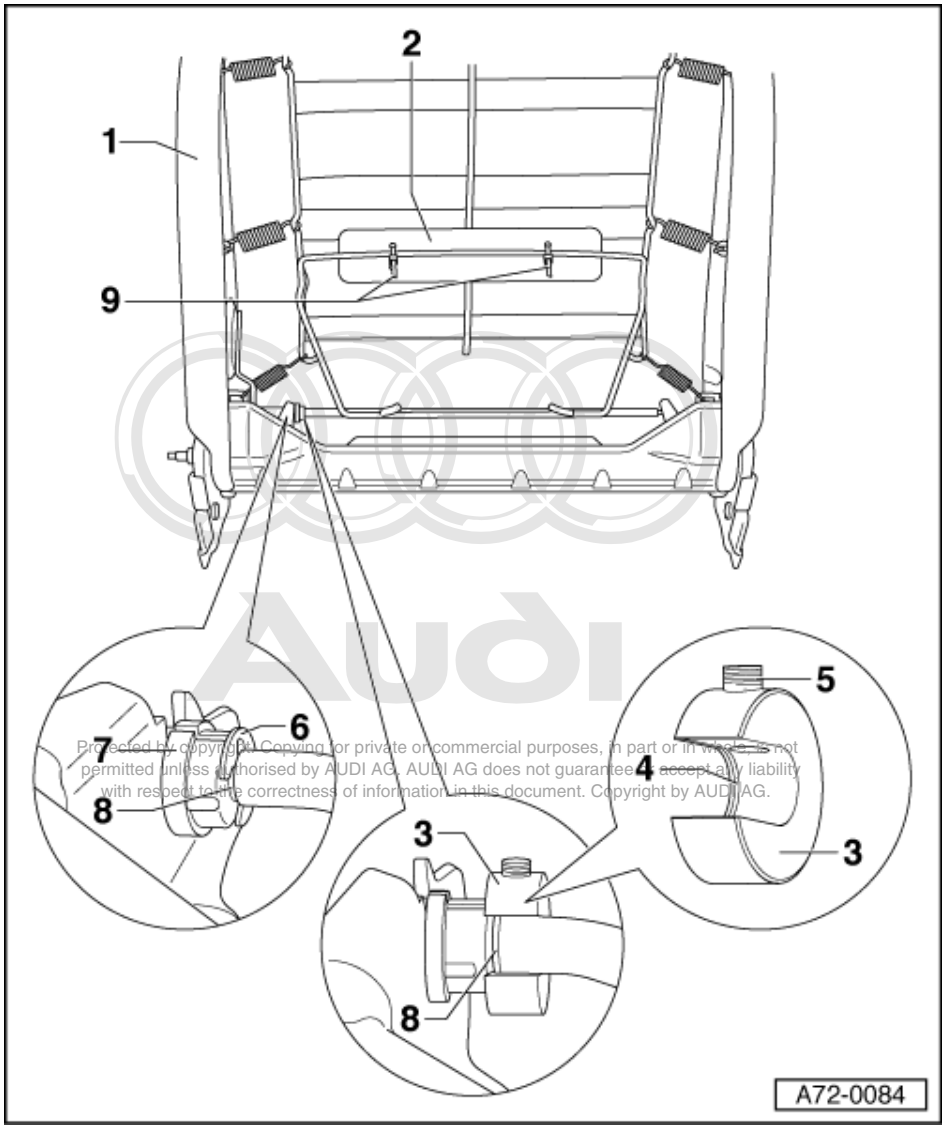
◆ Removing
- Installation is in reverse order.

2 Retaining tabs (2x)

3 Retaining hook (2x)

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1.32 - Converting lumbar support and retrofitting plastic inlay



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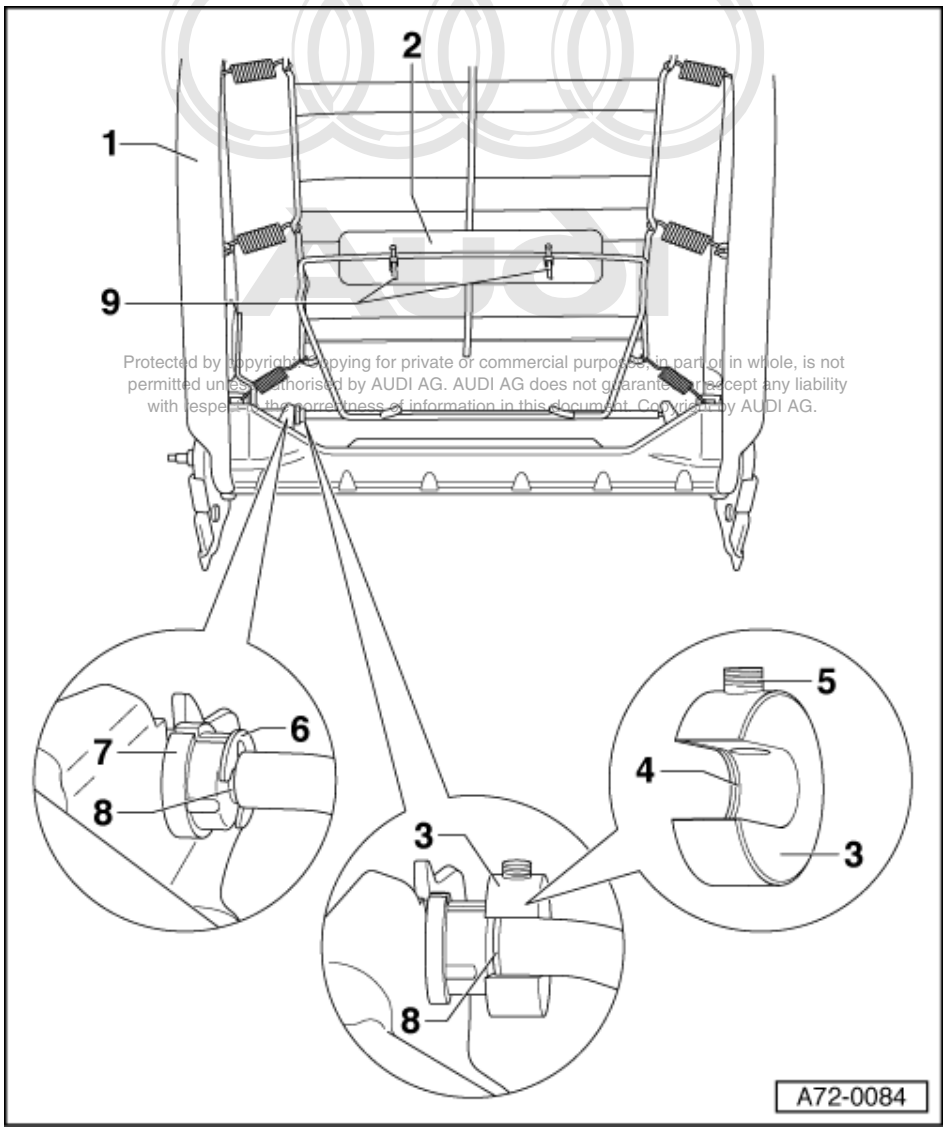
If lumbar support shaft is defective, retaining ring can be replaced by means of a clamp.

A plastic inlay can be fitted if lumbar support is pressing through upholstery.

1 Backrest frame

2 Plastic inlay

- Remove backrest cover panel =>Page 72-41
- Insert plastic inlay between lumbar support and spring wire.
- Use two tie bands to secure plastic inlay.



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3 Clamp

- Remove backrest cover panel => Page 72-41
- Remove retaining ring -6-.
- Press bearing sleeve -7- outwards and insert clamp -3- with rim -4- in groove -8-.
- Screw in grub screw -5-.

4 Rim

5 Grub screw

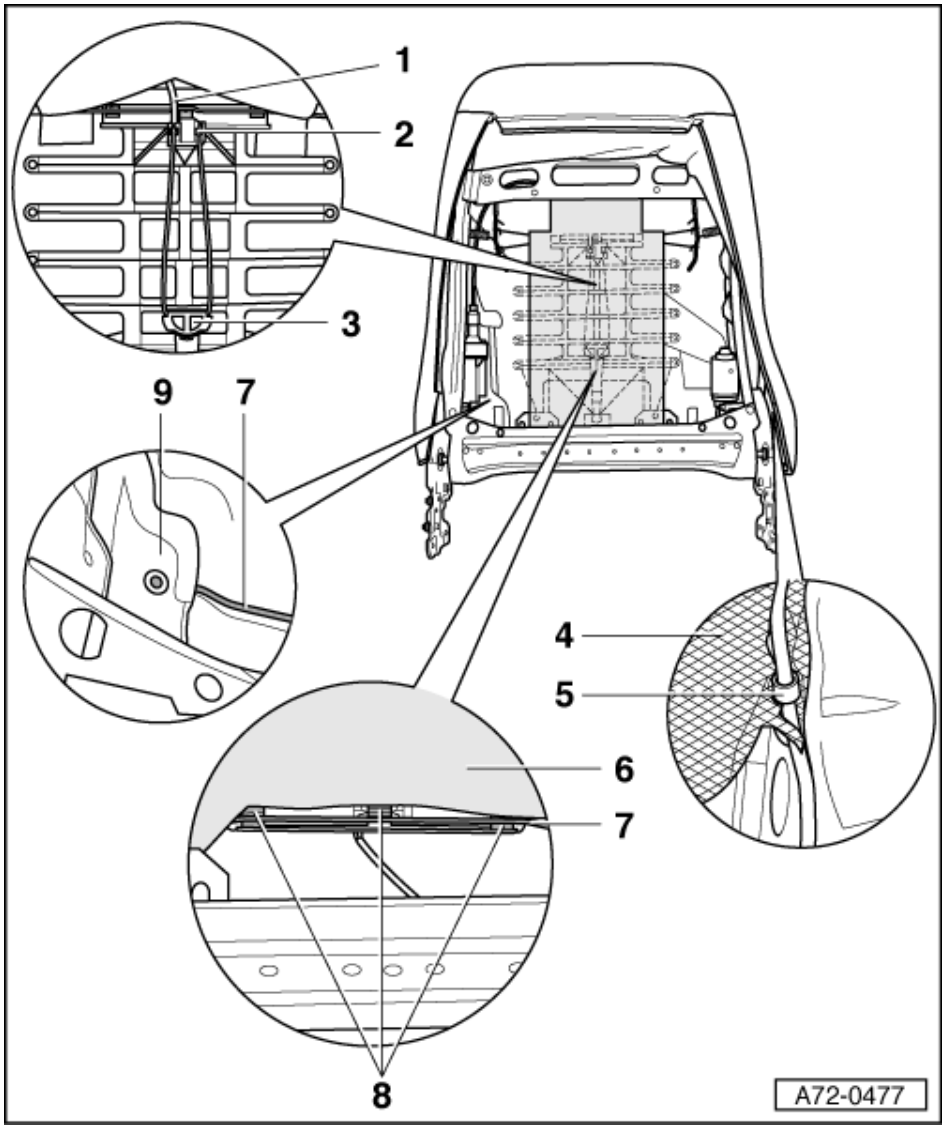
6 Circlip

7 Bearing sleeve

8 Groove

9 Tie band (2x)

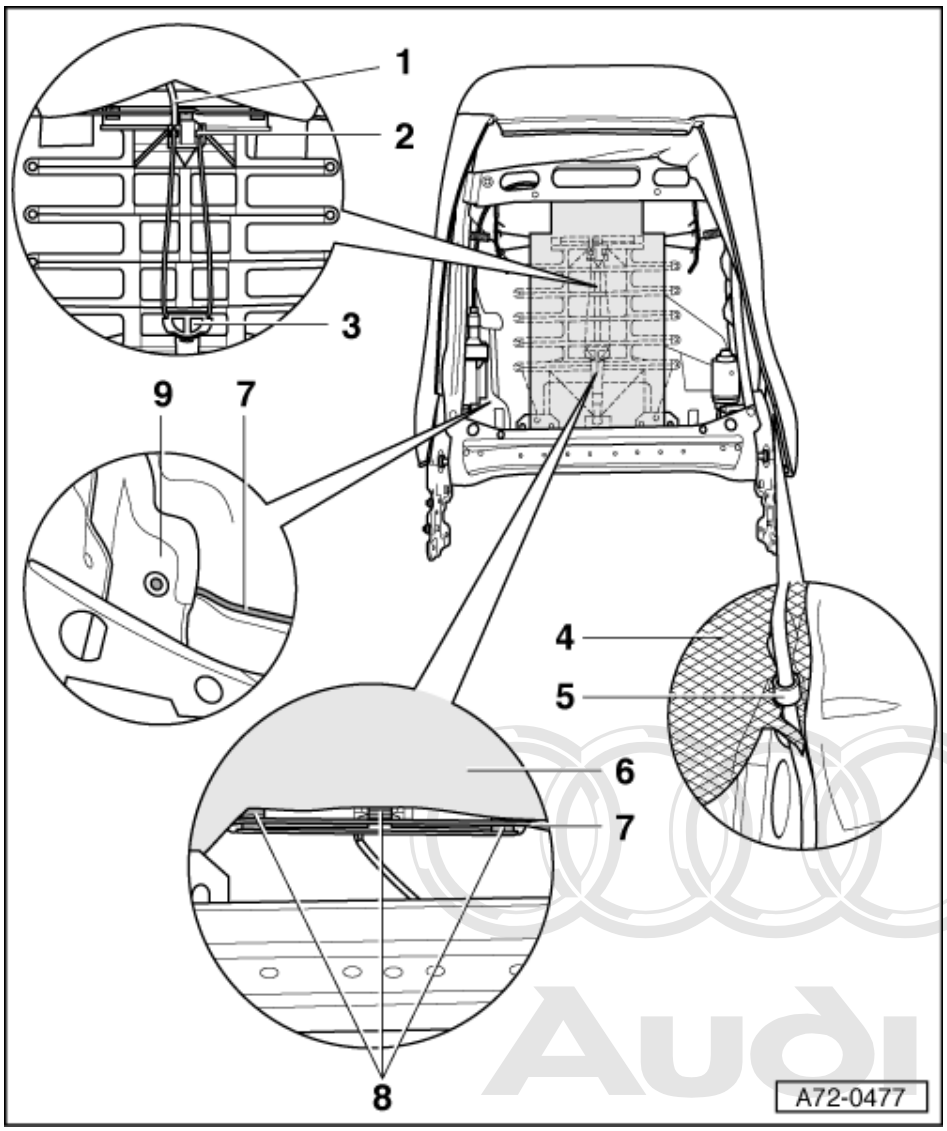
1.33 - Removing and installing Bowden cable for lumbar support adjustment motor



1 Bowden cable for lumbar support adjustment motor

- Removing
  - Remove seat => Page 210
  - Remove seat side panel (memory seat, electric seat) on sill side =>Page 217
  - Remove seat side panel (memory seat, electric seat) on tunnel side =>Page 218
  - Remove backrest cover panel =>Page 243
  - Remove the backrest (memory seat, electric seat) =>Page 237
  - Remove side panels => Page 252

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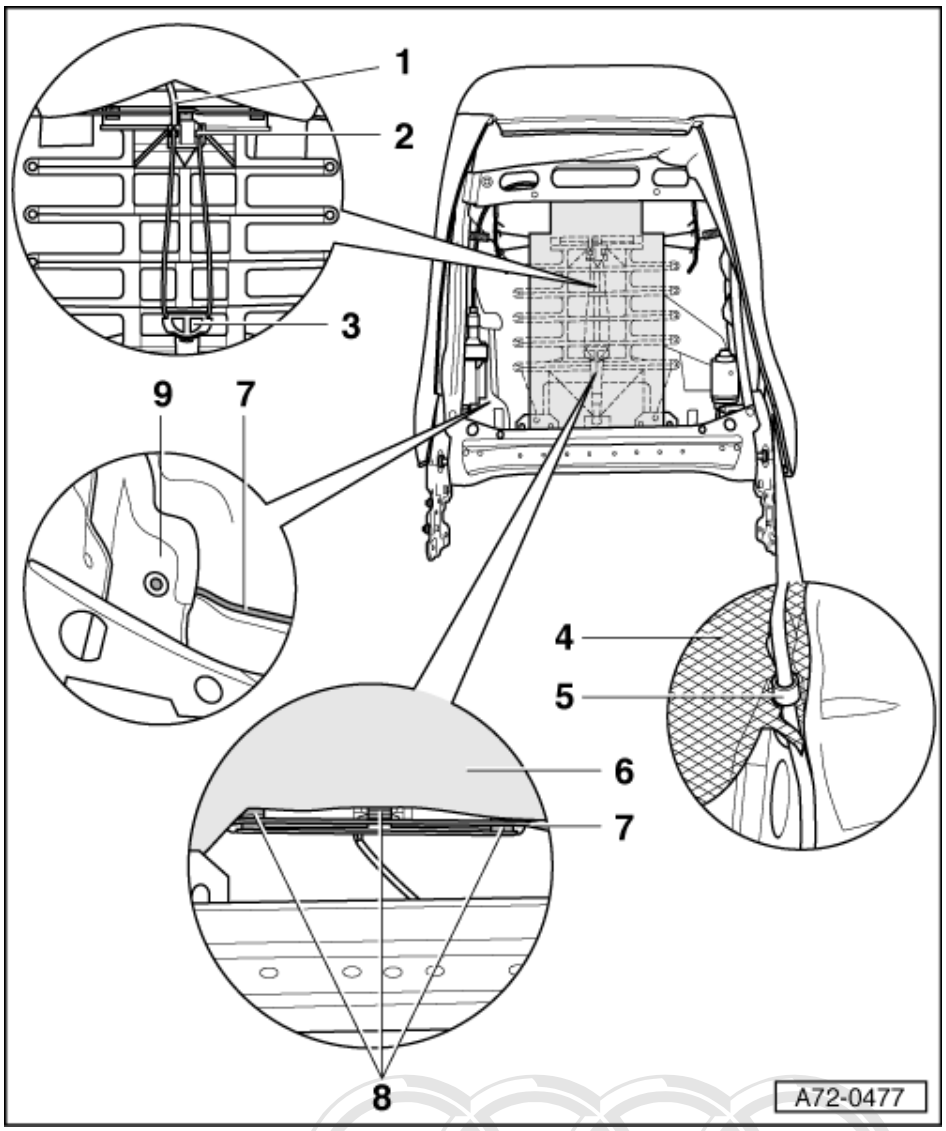


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- To be able to slide up the anti-squeak pad -4-, press the cable clip -5- together and pull out the cable clip -5-.
- Detach wire clip -7- at bottom left and right out of the backrest frame -9-.
- Detach wire clip -7- at bottom out of the clips -8- (3x).
- Fold wire clip -7- and the protective mat -6- upwards.
- Detach Bowden cable -1- at the retaining tab -2- and at the guide roller -3-.

◆ Installing
- Install Bowden cable for lumbar support adjustment motor -1- in reverse order.

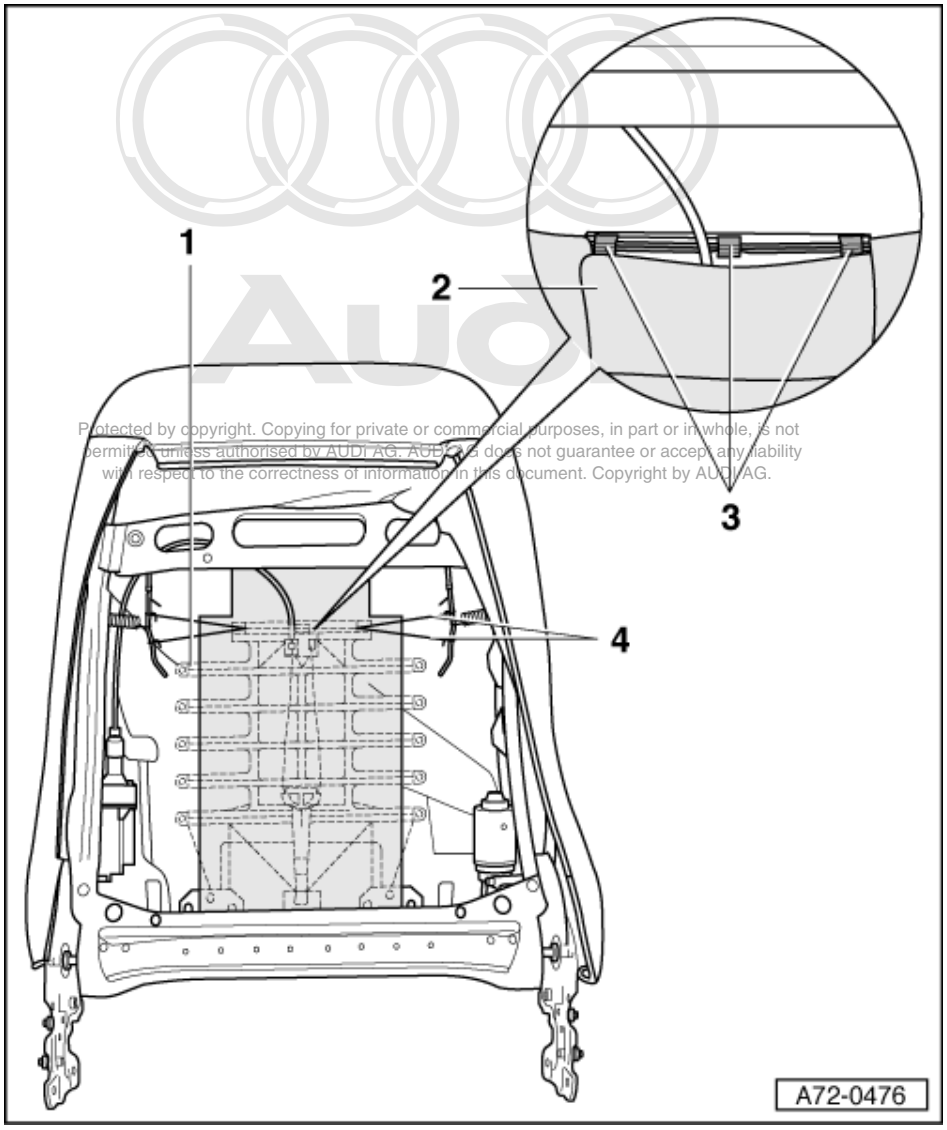
2 Retaining tabs



3 Idler roller
4 Anti-squeak pad
5 Cable clip
6 Protective mat
7 Bracket
8 Clip (3x)
9 Backrest frame

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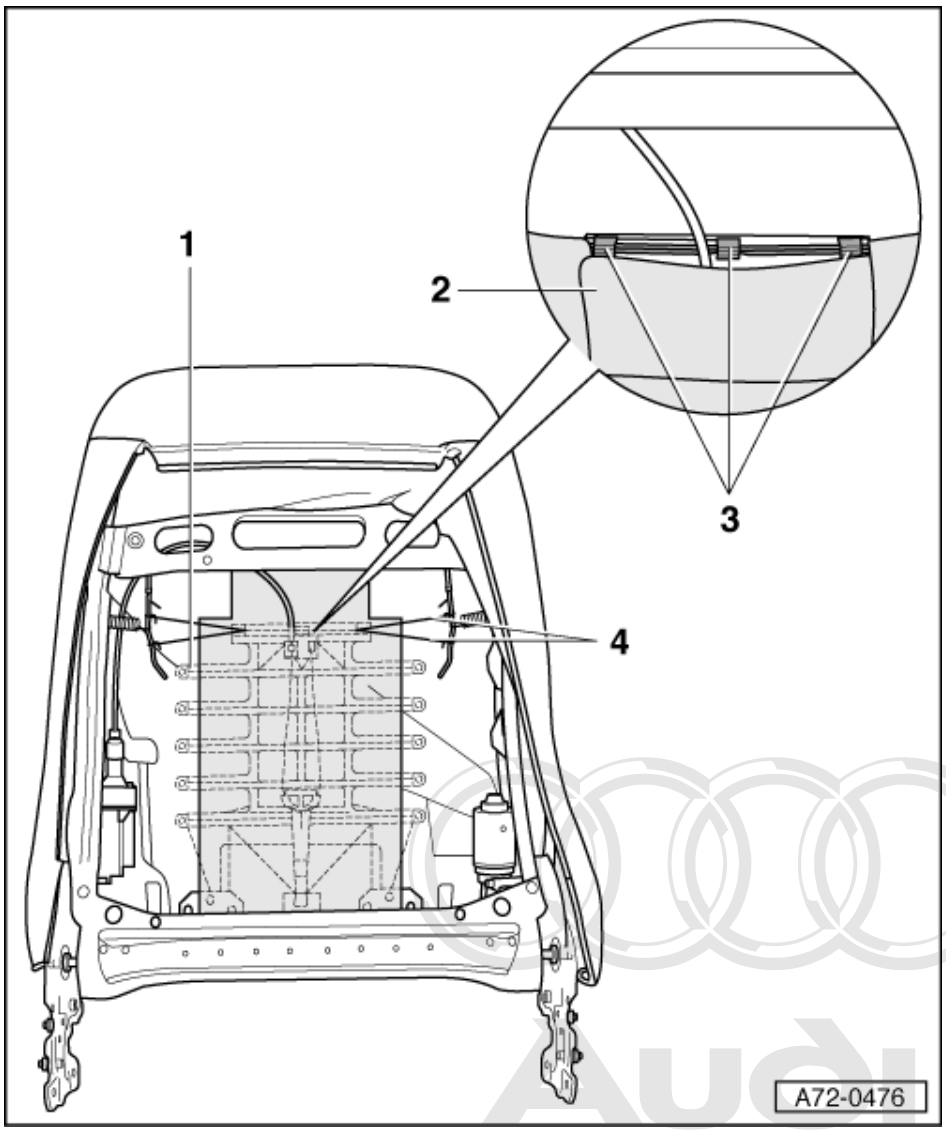
1.34 - Removing and installing lumbar support



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1 Lumbar support

- Removing
  - Remove seat => Page 210
  - Remove seat side panel (memory seat, electric seat) on sill side =>Page 217
  - Remove seat side panel (memory seat, electric seat) on tunnel side =>Page 218
  - Remove backrest cover panel =>Page 243
  - Remove the backrest (memory seat, electric seat) =>Page 237
  - Remove side panels => Page 252
  - Remove the Bowden cable for lumbar support adjustment motor =>Page 257



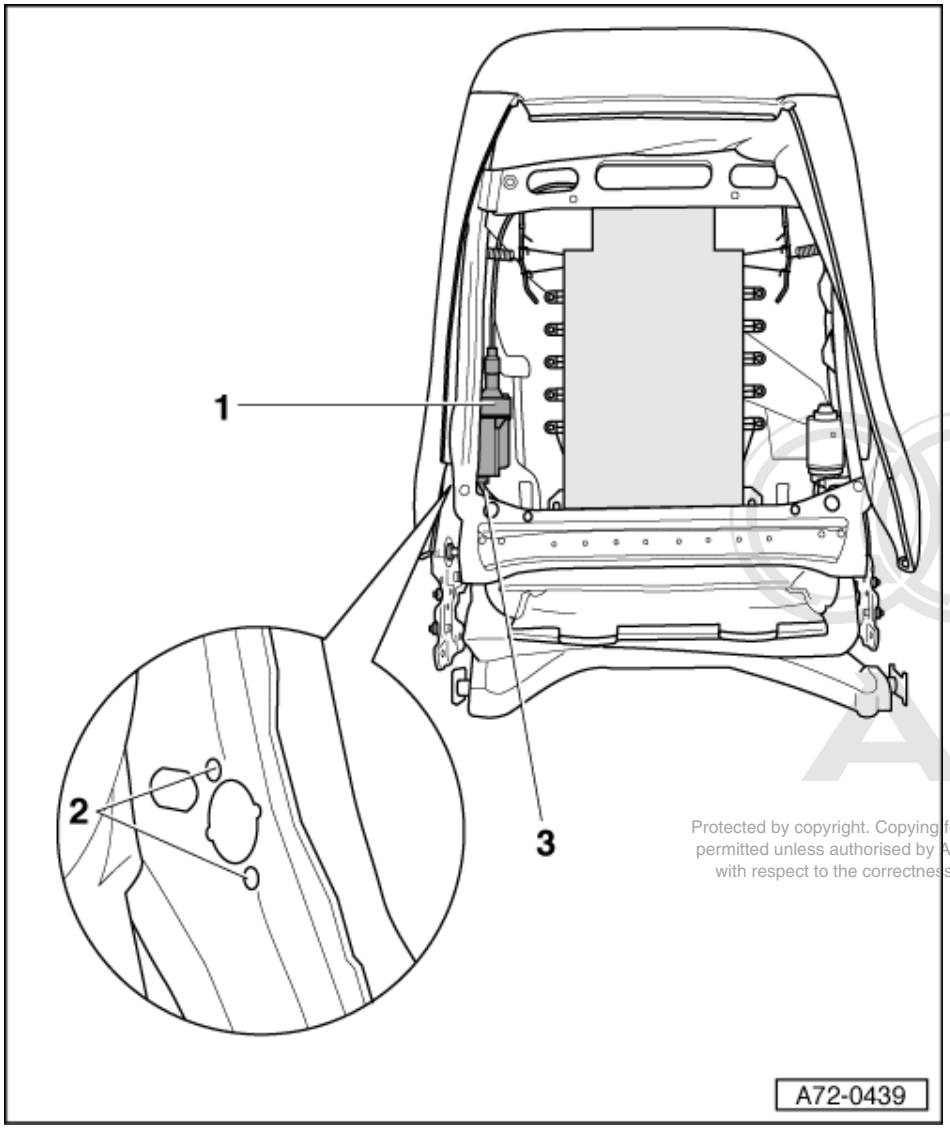
- Fold protective mat -2- downward.
- Detach wire clips -4- (2x) out of the clips -3- (3x).
- Remove lumbar support -1-.

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◆ Installing
- Install lumbar support -1- in reverse order.

2 Protective mat
3 Clip (3x)
4 Wire clips (2x)

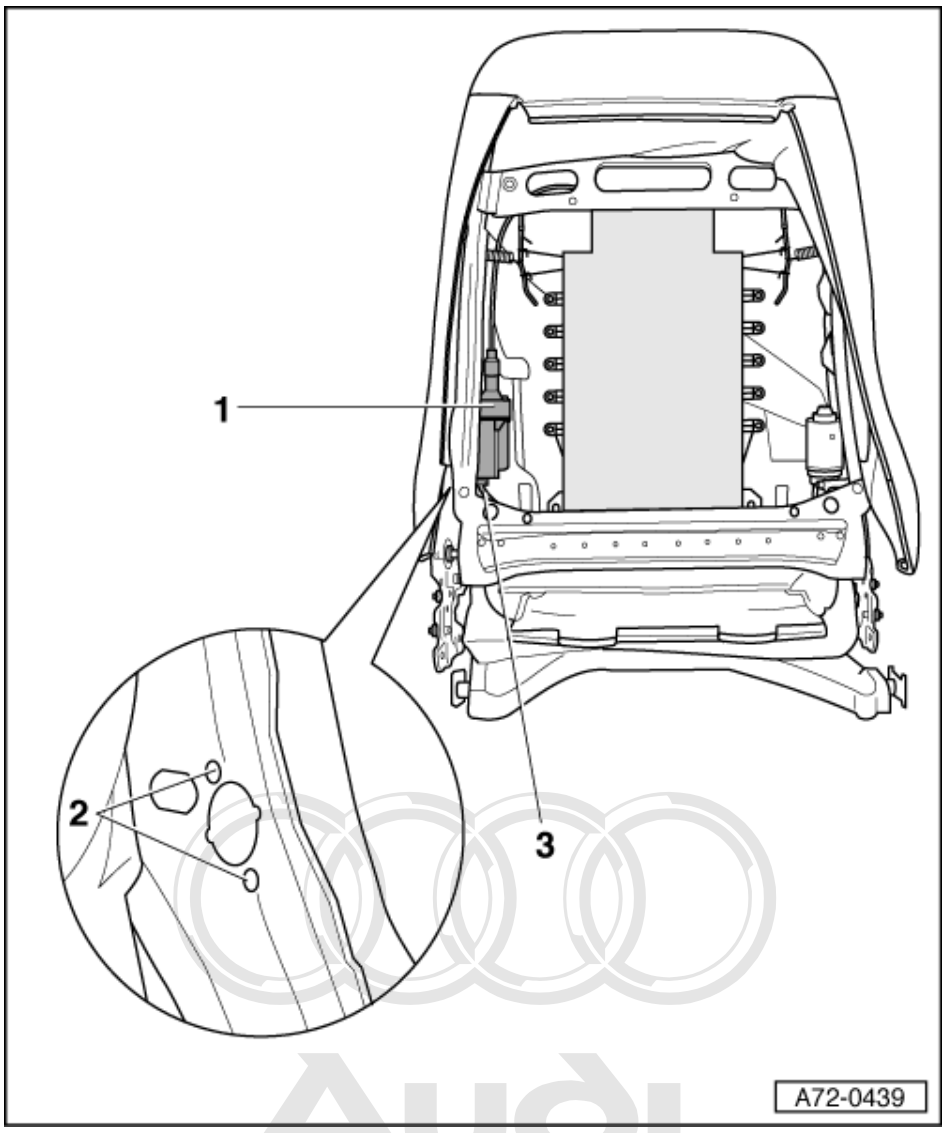
1.35 - Removing and installing lumbar support adjustment motor



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1 Lumbar support adjustment motor

- Removing
  - Remove seat => Page 210
  - Remove seat side panel (memory seat, electric seat) on sill side =>Page 217
  - Remove seat side panel (memory seat, electric seat) on tunnel side =>Page 218
  - Remove backrest cover panel =>Page 243
  - Remove side panels => Page 252



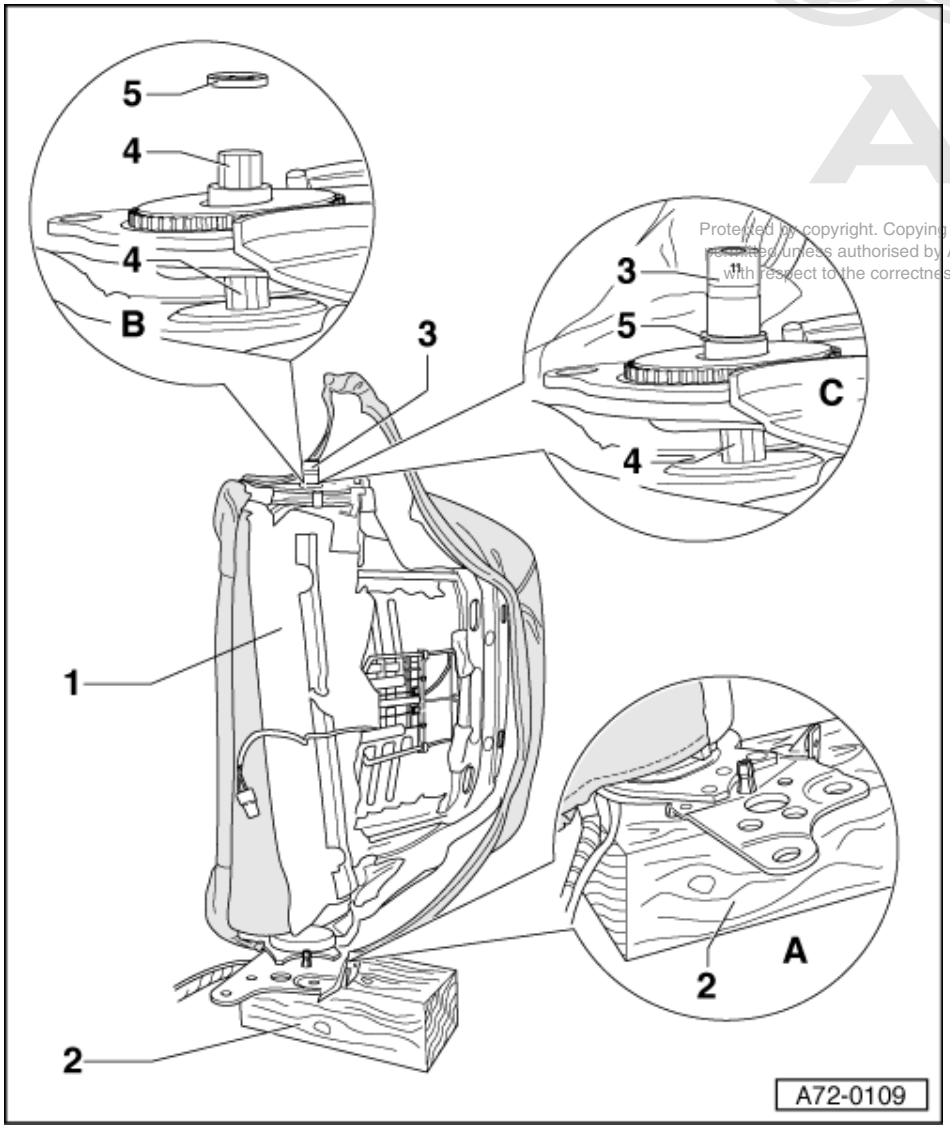
- Remove the Bowden cable for lumbar support adjustment motor =>Page 257
- Unplug connector -3- at the lumbar support adjustment motor -1-.
- Drill out rivets -2- (2x) and remove the lumbar support adjustment motor -1-.

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◆ Installing
- Install the lumbar support adjustment motor -1- in reverse order.

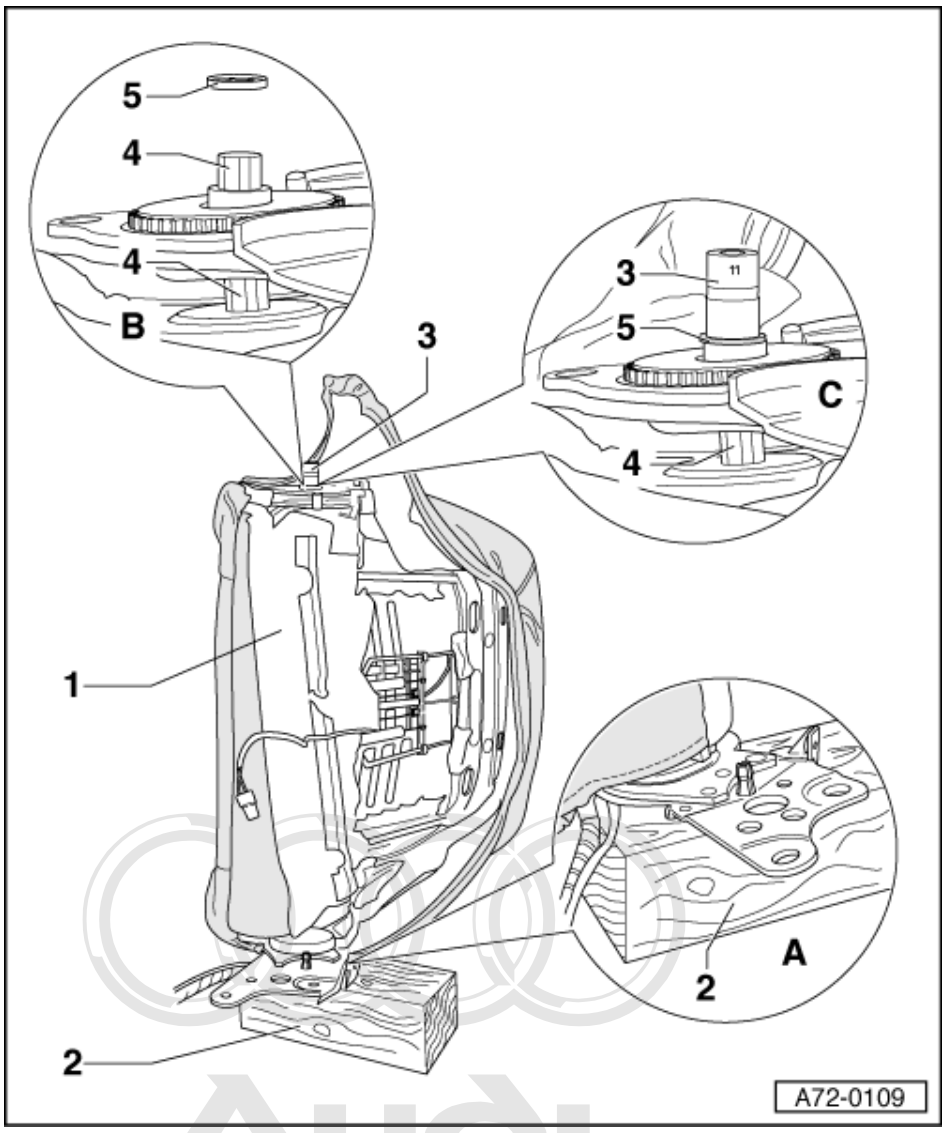
2 Rivets (2x)
3 Connector

1.36 - Removing and installing seat angle adjustment motor



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- Removing
  - Remove seat => Page 210
  - Remove seat side panel (memory seat, electric seat) on sill side =>Page 217
  - Remove seat side panel (memory seat, electric seat) on tunnel side =>Page 218
  - Remove backrest (memory seat, electric seat) =>Page 72-35
  - Remove backrest cover panel =>Page 243
  - Remove side panels => Page 252

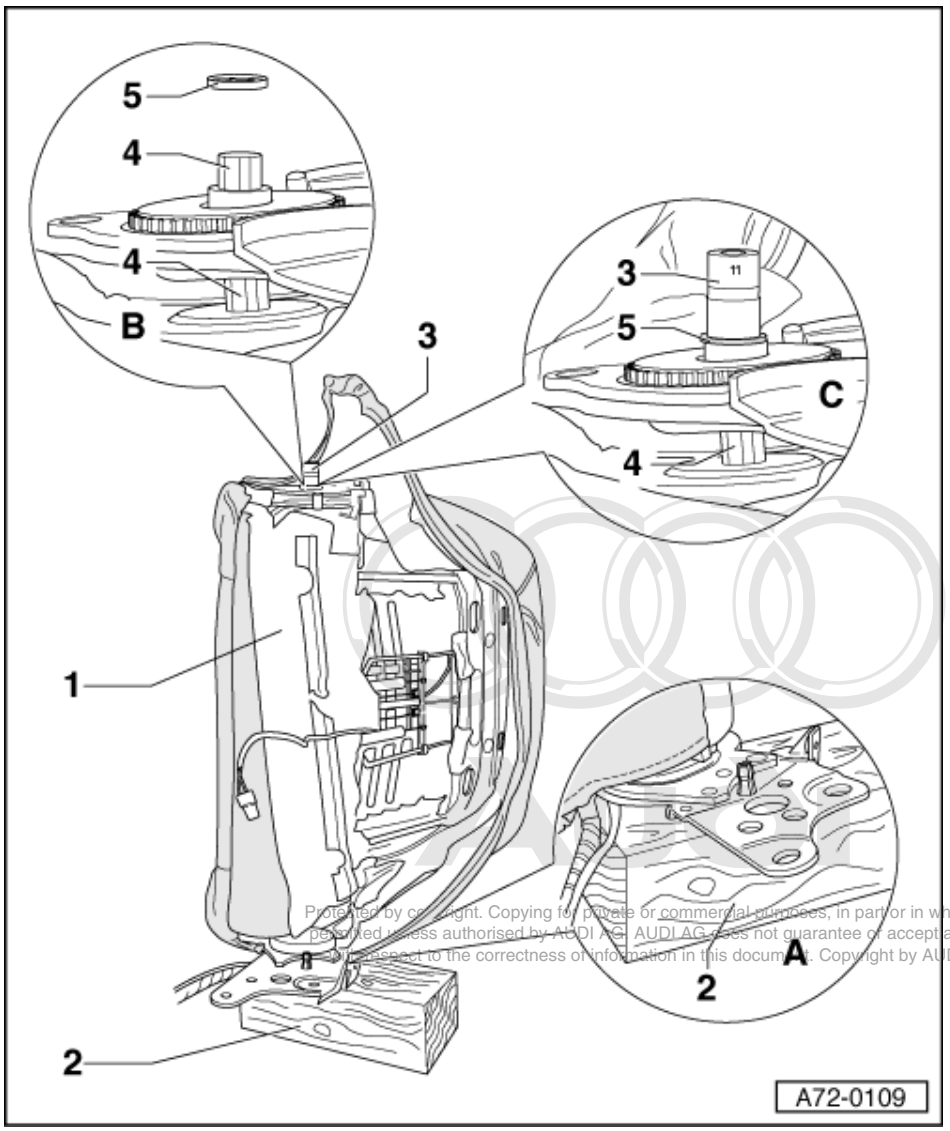


Note:

The illustration shows a front passenger seat backrest.

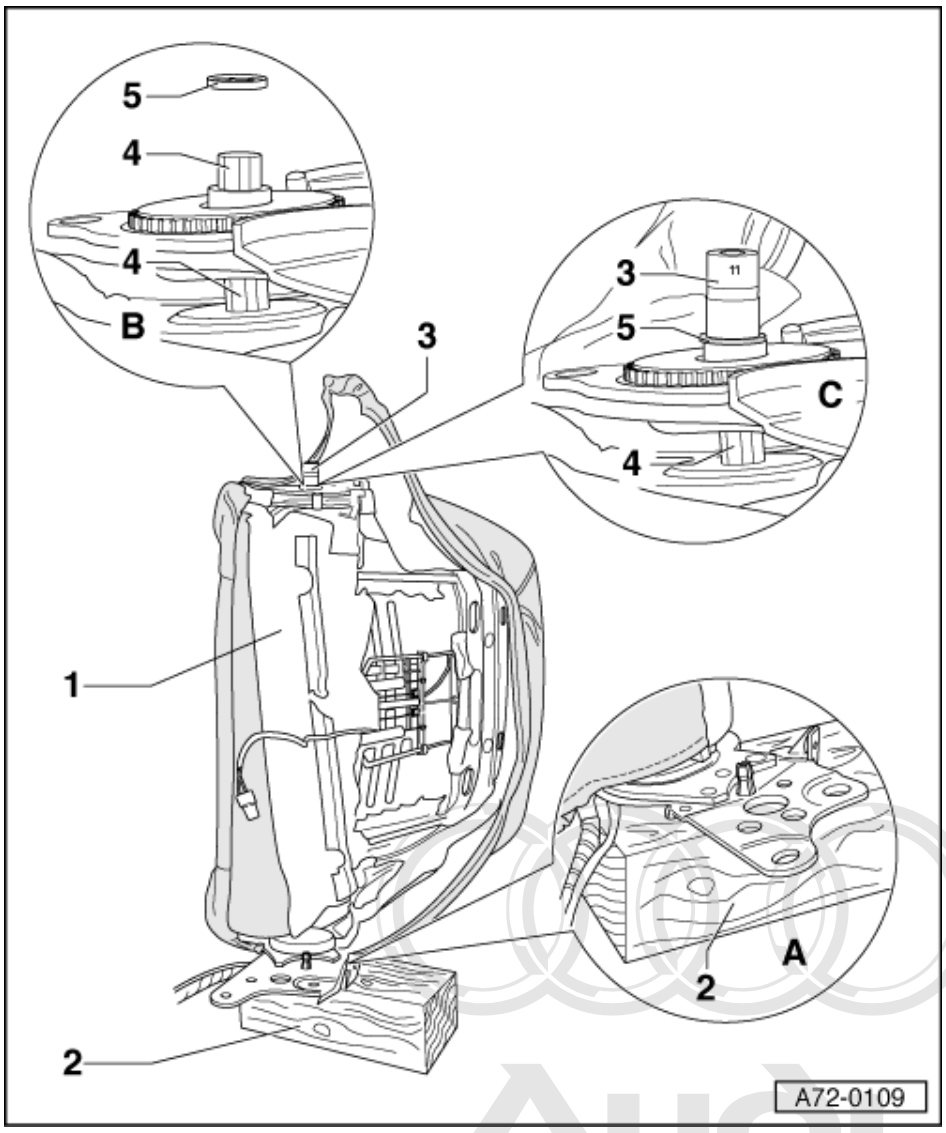
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- Unscrew nuts (2x) from seat angle adjustment motor => Fig.: 1
- Using a screwdriver, lever off the spring washer -5- on the side of the seat angle adjustment motor (illustration -B-).
- Using a hammer and punch knock shaft -4- through the side of the backrest frame.
- Pull shaft -4- out of backrest frame -1- until seat angle adjustment motor can be removed.



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- Installing
  - Adapt the splines of the new seat angle adjustment motor => Fig.: 2
  - Push shaft -4- through backrest adjustment motor and through backrest frame -1-.
  - Place seat on its side.
  - Place a block of wood -2- under the shaft -4- on the opposite side of the seat angle adjustment motor (illustration -A-).
  - Using an 11 mm socket, knock spring washer -5- onto shaft -4- (illustration -C-).
  - Tighten nuts (2x) on seat angle adjustment motor.



1 Backrest frame
2 Wooden block
3 Socket 11 mm
4 Shaft
5 Spring lock washer

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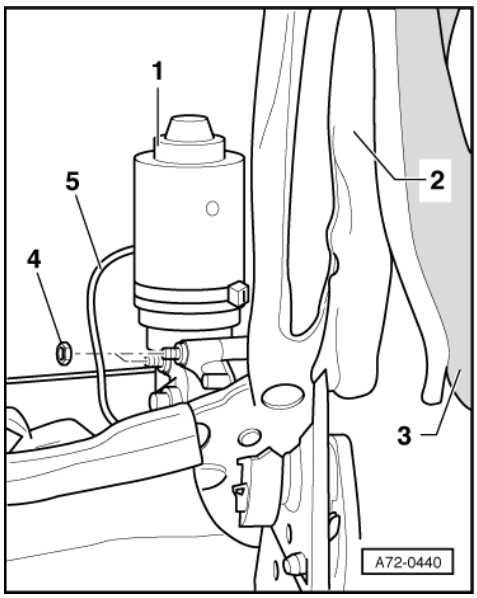


Fig.:1 Detaching mountings for seat angle adjustment motor

- -> Pull the cable -5- out of the backrest.
- Pull cover -3- and anti-squeak pad -2- to one side.
- Unscrew nuts -4- (2x).

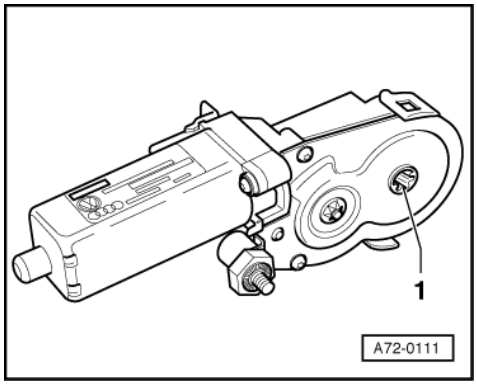
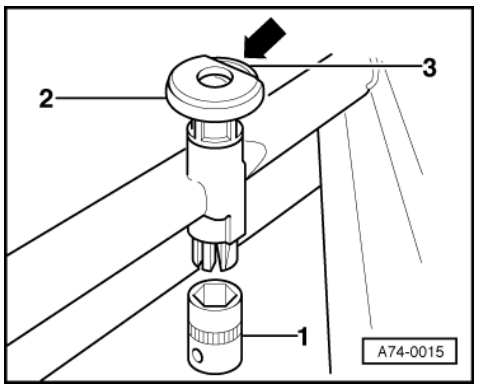


Fig.:2 Preparing backrest adjustment motor

- Using a screwdriver, turn asymmetric section of teeth -1- to align with shaft in backrest frame.

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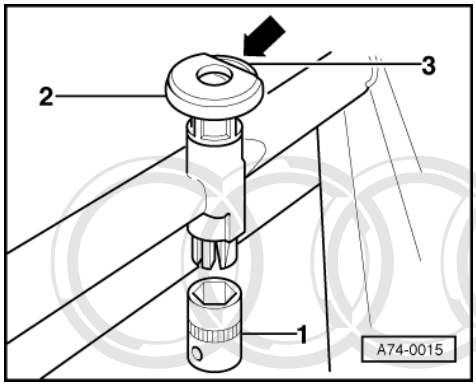
1.37 - Removing and installing head restraint



Backrest is shown without fabric and upholstery for ease of illustration.

- -> Press button -3- in direction of arrow and pull out head restraint upwards.

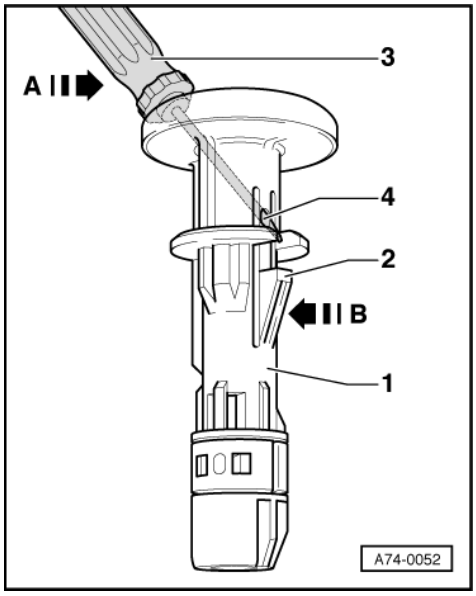
1.38 - Removing and installing head restraint guides



- Removing and installing backrest cover =>Page 72-41
- -> Press out head restraint guide upwards using a wrench socket set (17 mm).
- On installation of head restraint guides always ensure that the guide lugs are in the correct position. The guide lugs always lie on the outside.
- Head restraint guide with button -3- is only fitted on one side of backrest.

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1.39 - Removing and installing head restraint guides



For improved clarity, head restraint guide -1- is shown removed.

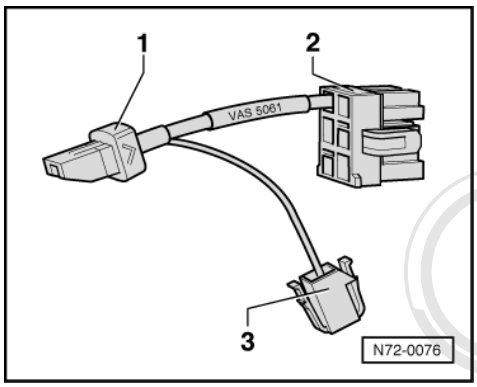
- Insert padding needle or screwdriver -3- with maximum width of 2 mm into hole -4- (hole -4- is opposite retaining clip for head restraint guide).

- 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-.

2 - Recaro seat

2.1 - Recaro seat

2.2 - Tools



-> Airbag adapter VAS 5061

1- Connector/triggering cable

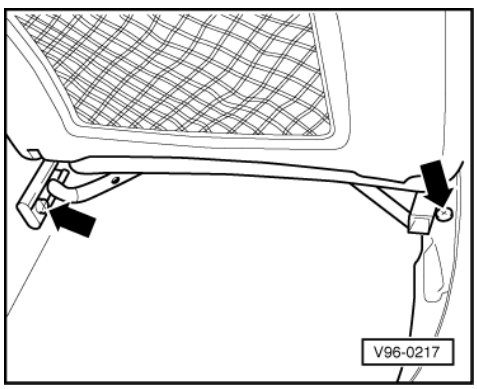
2- Connector/Earthing wire Audi A6 1998 ä,
Audi A4 1995 ä and
Audi A3 1997 ä

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3- Connector/Earthing wire Golf 1991 ä

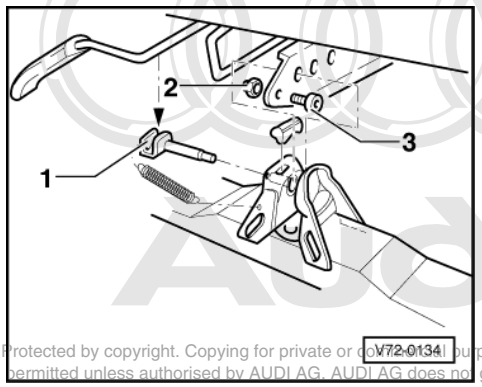
2.3 - Removing and installing Recaro seat

- Slight differences may be encountered on removal and installation depending on equipment.
- For memory and electric seat: Before disconnecting the battery, move seat fully to the rear and to the uppermost height setting.
- Before disconnecting the battery, determine radio coding.



Important
Before removal of seat: Detach battery earth strap.

- Push seat forward.
- -> Lever out trim cap -right arrow- and unscrew cross-head bolt beneath cap.
- Unscrew bolt - left arrow- and remove stopper to rear.



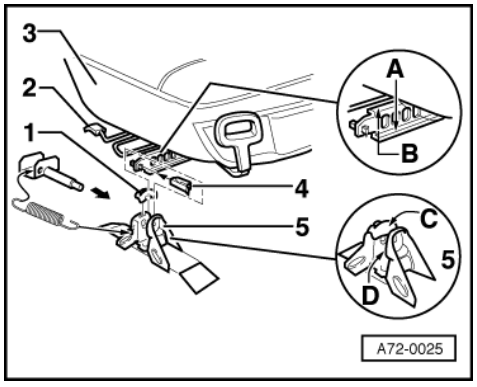
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- -> Unscrew cap nut -2- (8 Nm), and remove cheese-head bolt -3-. Tightening torque 8 Nm.
- Release locking rod -1- and pull seat to rear out of guide rails.

Note:

Attachment using cheese-head bolt -3- is gradually being replaced by a stop spring.

- -> Unclip stop spring -4-.



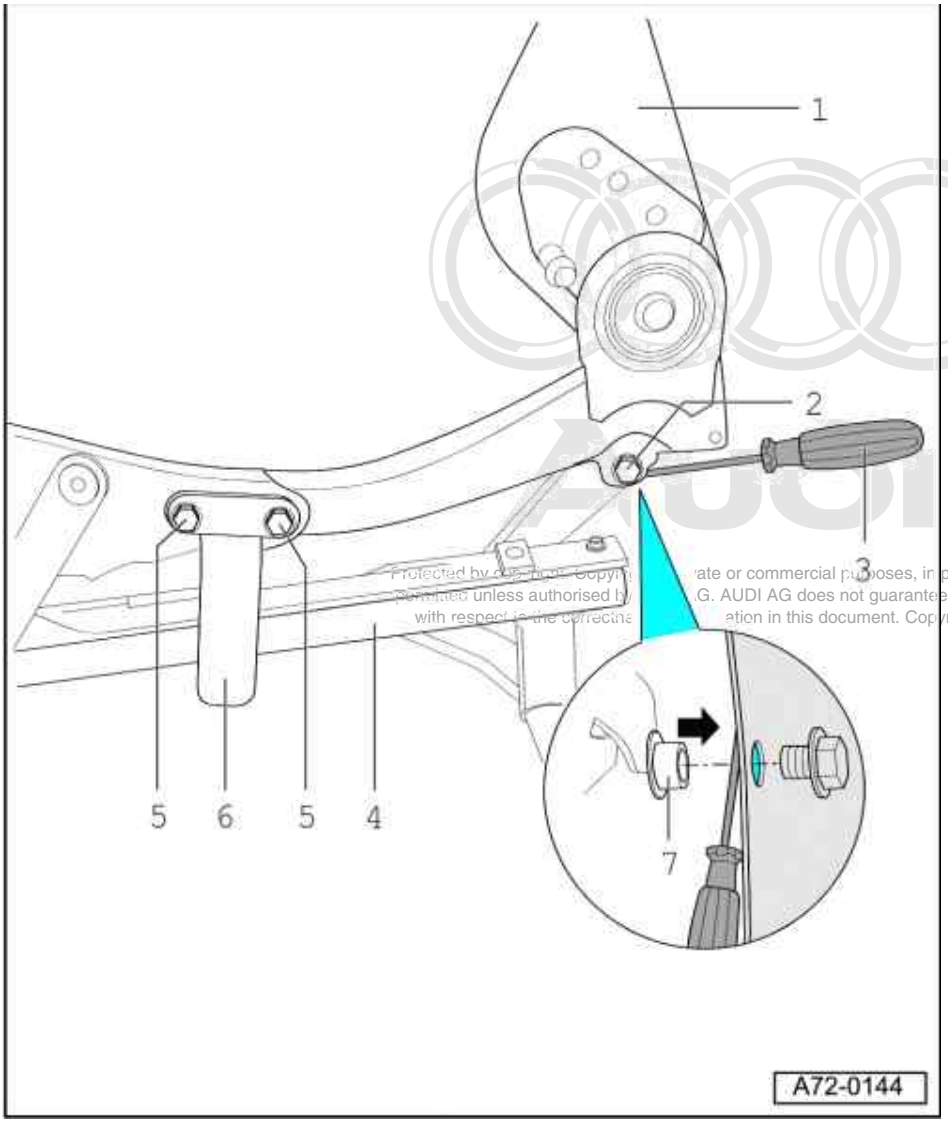
- Pull up release lever and push out seat -3- to rear.

Note:

On vehicles with heated seats: Detach electrical connector.

Important
Take care not to tear floor covering when pushing seat out of guide rails.

2.4 - Removing and installing backrest



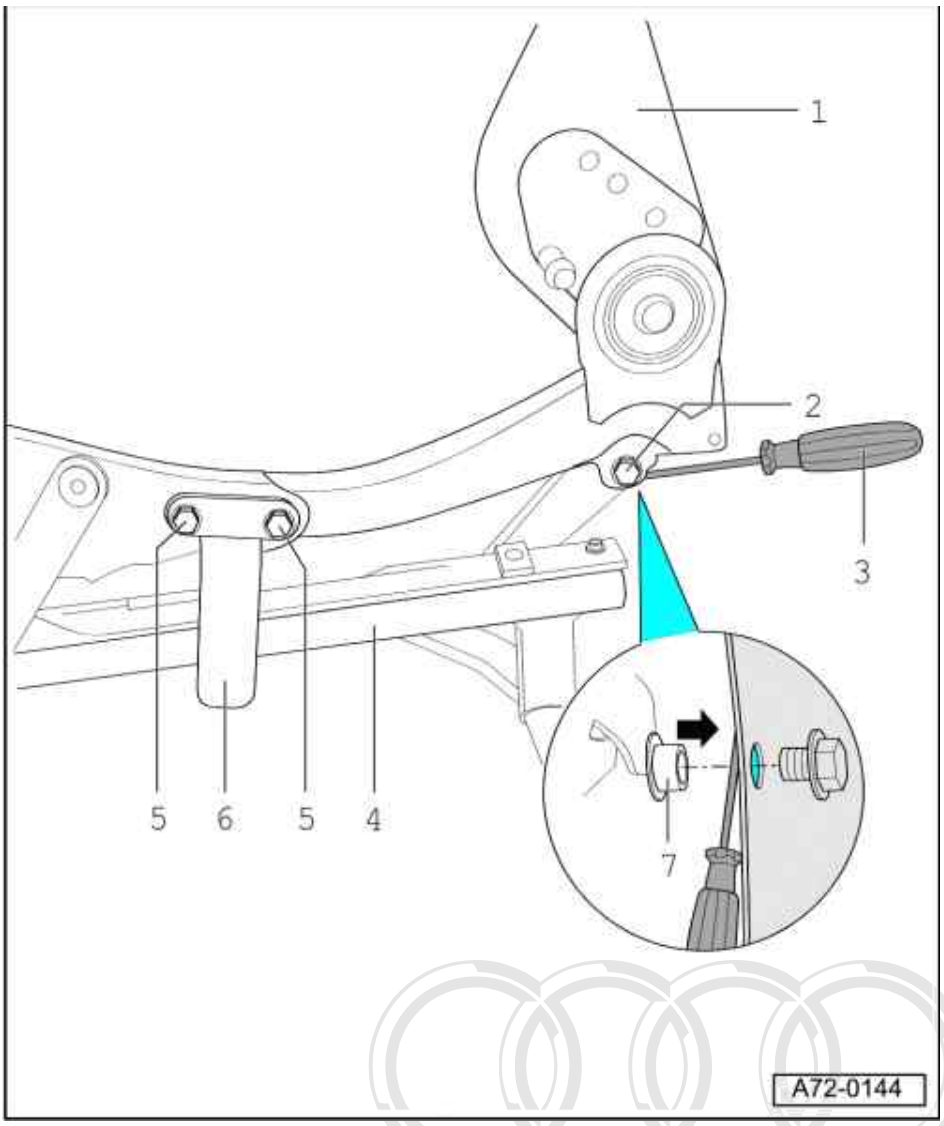
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Note:

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

1 Backrest frame

- Removing
  - Remove seat => Page 270
  - Remove seat side panel => Page 283
  - Remove seat cushion => Page 277
  - Disconnect backrest heating cable => Page 348
  - Detach lilac/yellow cable of side airbag => Page 98
  - Remove bolts -2- (2x).
  - Unscrew bolts -5- (4x).
  - Use screwdriver -3- to lever out backrest frame -1- at retainer points.



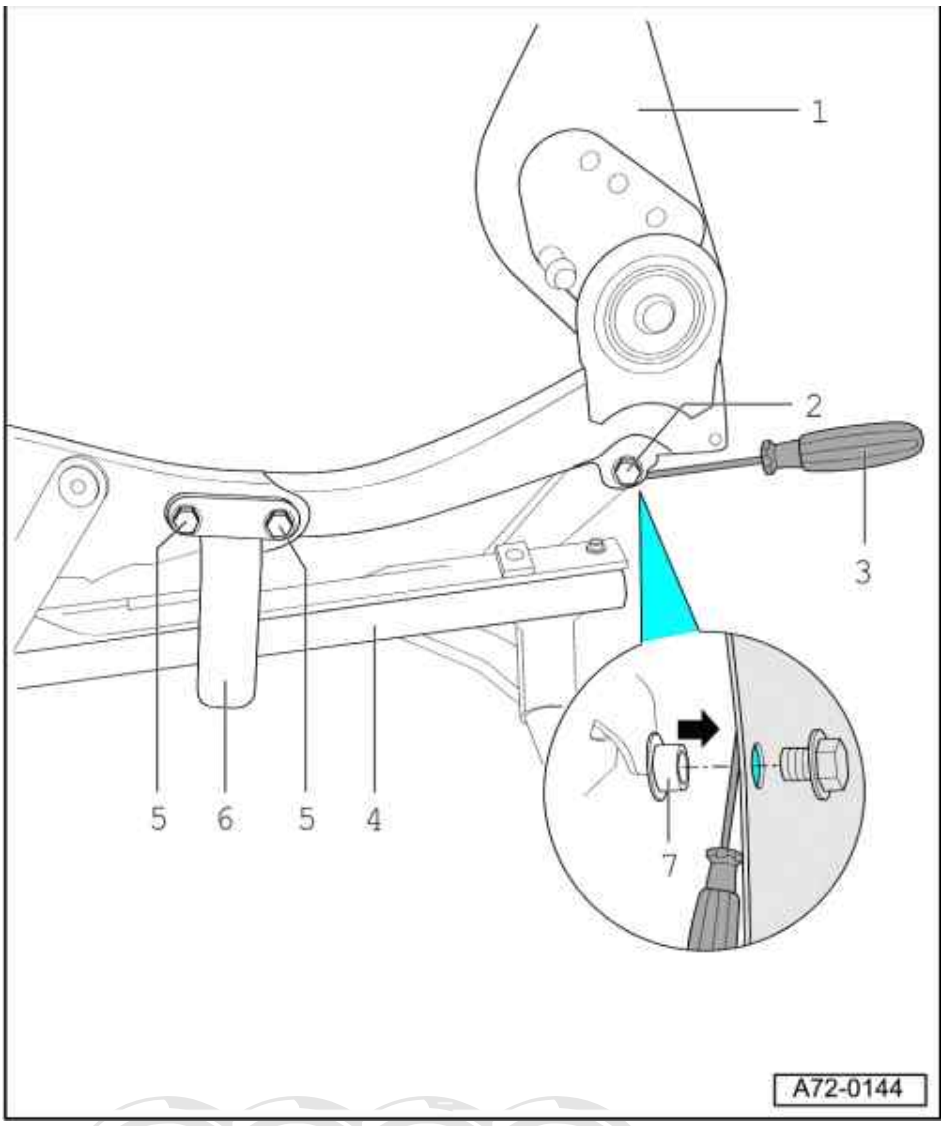
- Installing

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-.

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2 Bolts (2x)
- Tightening torque 23Nm

3 Screwdriver

4 Seat frame

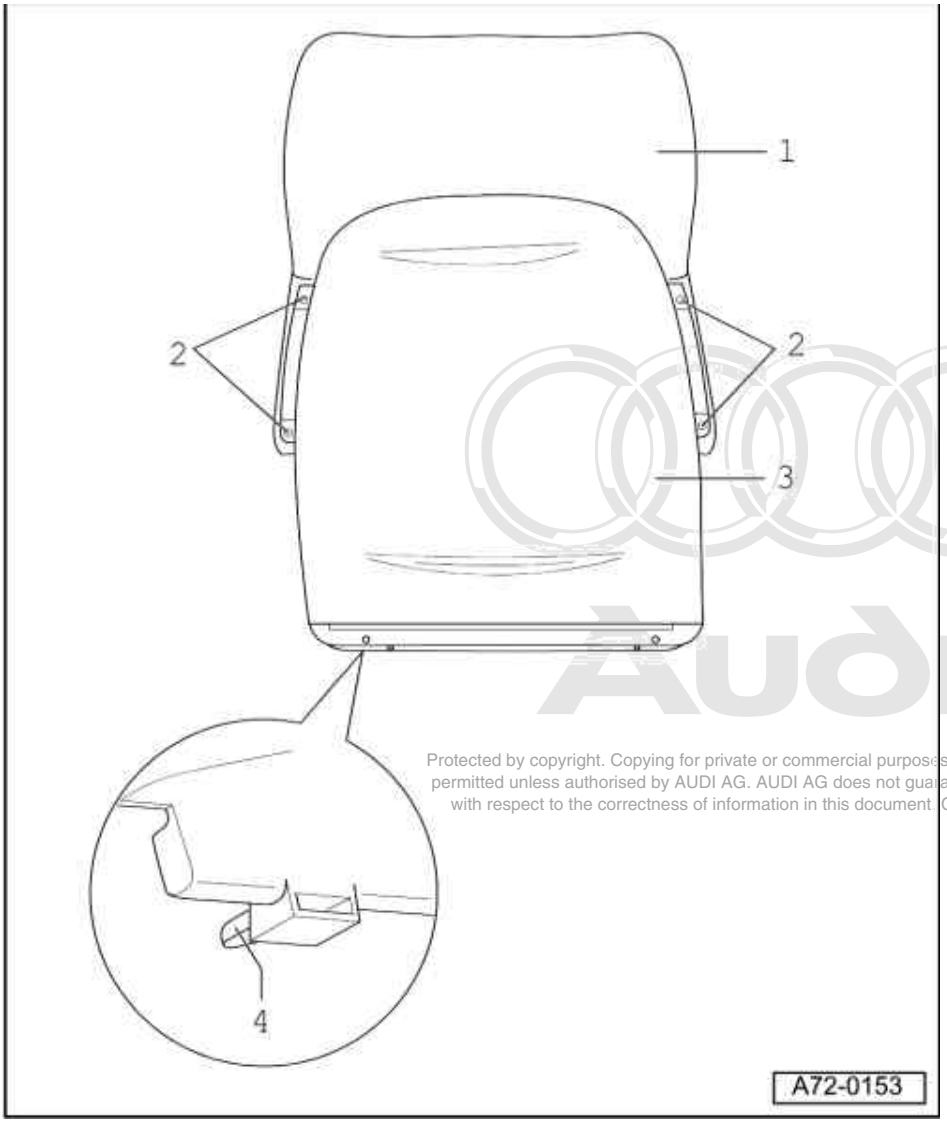
5 Bolts (4x)
- Tightening torque 23Nm
- ◆ Sill side longer than tunnel side.

6 Bracket
- ◆ Sill side only.

7 Retainer bush (2x)

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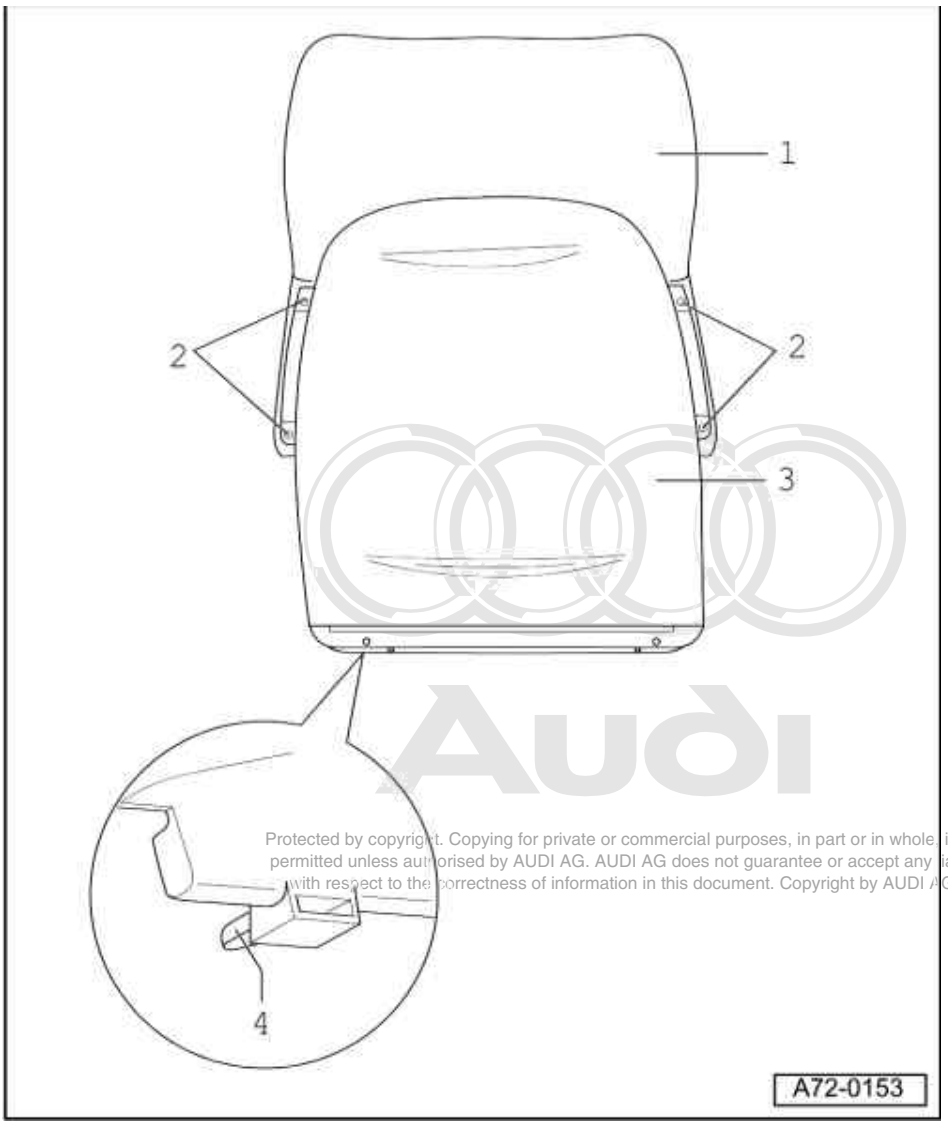
2.5 - Removing and installing backrest shell



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1 Backrest
2 Bolts (4x)
3 Backrest shell

- Removing
  - Raise seat as far as possible.
  - Remove seat => Page 270
  - Remove fitting panels => Page 292
  - Remove side airbag module => Page 98
  - Remove upholstery from backrest => Page 337
  - Remove spring cover => Page 294
  - Slacken off bolts -2- (4x) on side of backrest shell -3-.



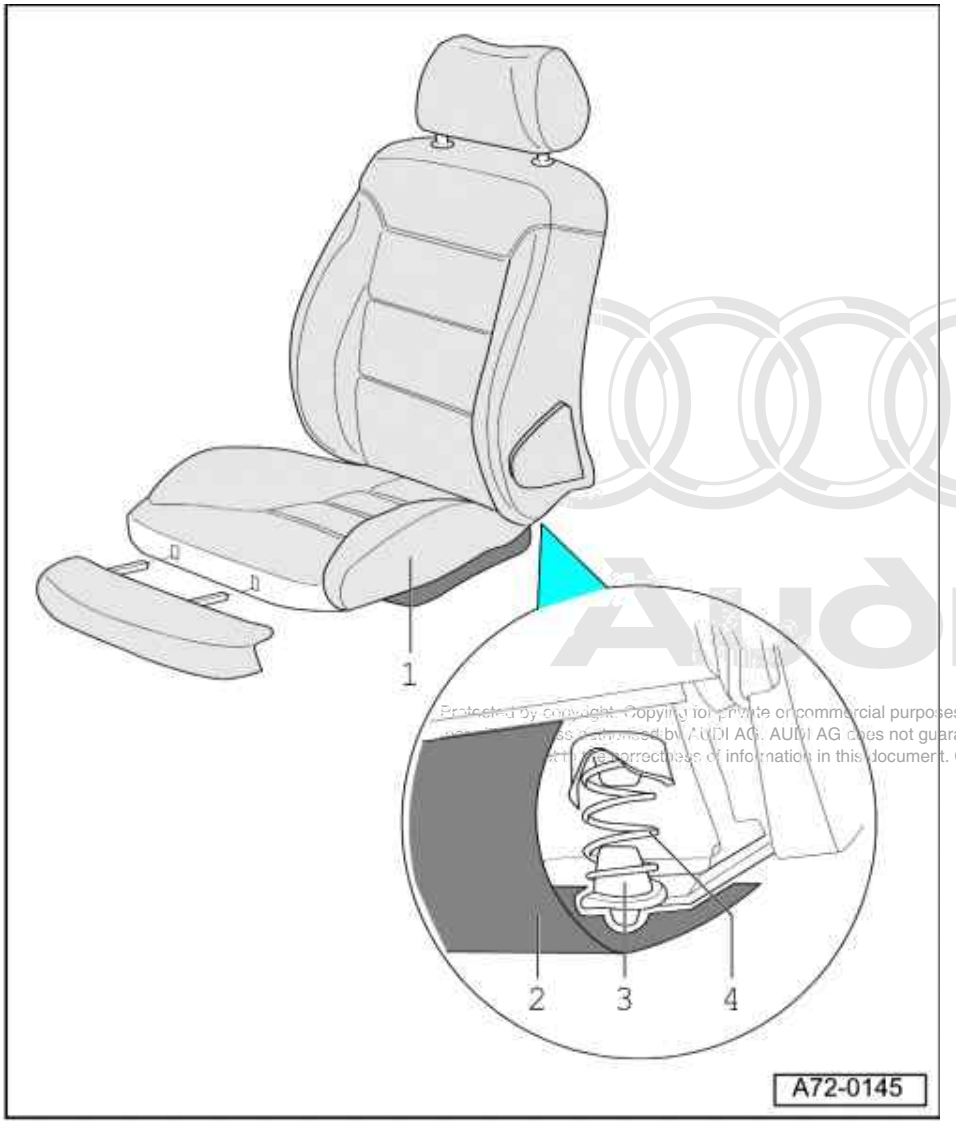
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- Set down seat such that backrest shell -3- is accessible from below.
- Slightly squeeze together the two clips -4- on inner underside of backrest shell -3-.
- Pull backrest shell -3- off seat at bottom.
- Take off backrest shell -3- upwards.

◆ Installing
- Insert backrest shell -3- on top of backrest -1-.
- Fold down backrest shell -3- until clips -4- engage.
- Tighten bolt -2- (4x).

4 Clips (2x)

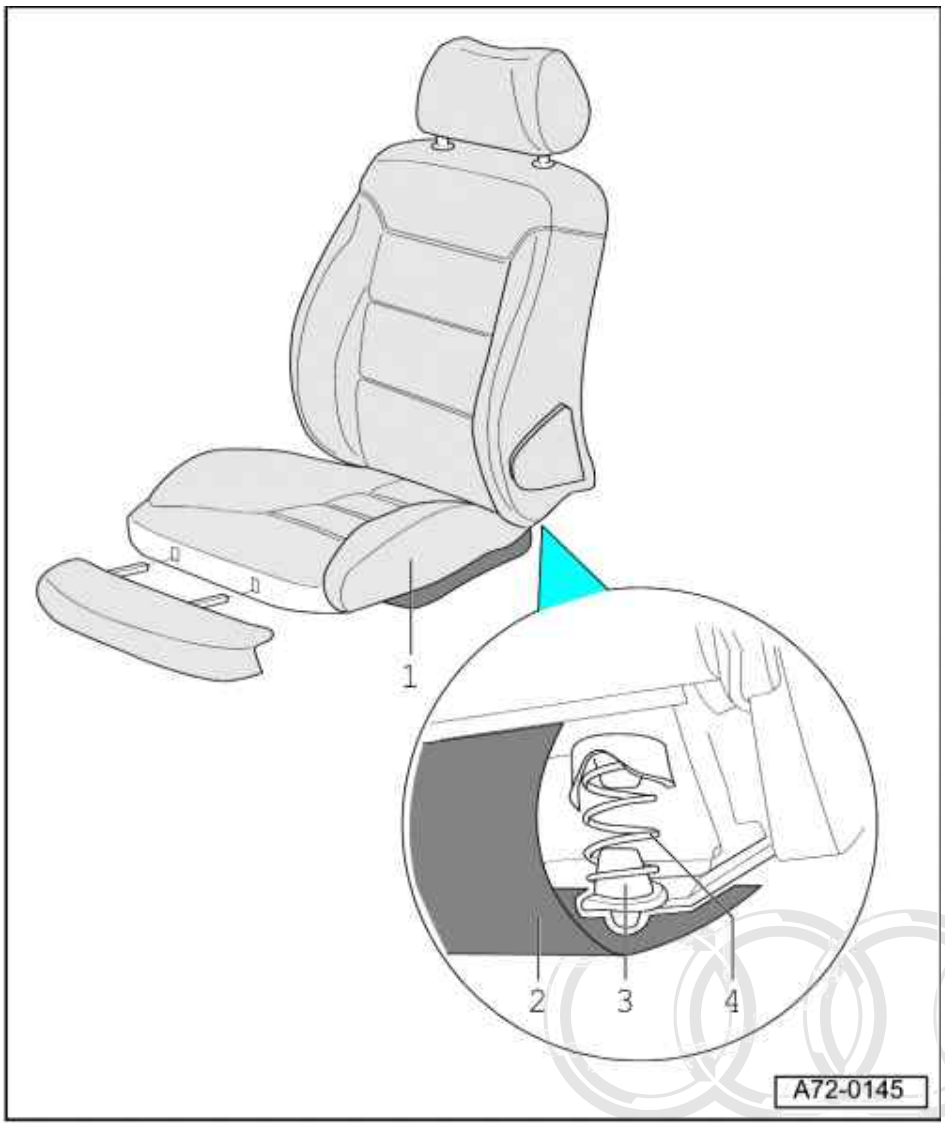
2.6 - Removing and installing seat cushion



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1 Seat cushion

- Removing
  - Raise seat as far as possible.
  - Remove seat => Page 270
  - Remove seat extension, front trim panel and guide sleeves => Page 280
  - Remove fitting panels => Page 292
  - Remove spring cover => Page 294
  - Disengage cover for electrics -2- beneath seat.



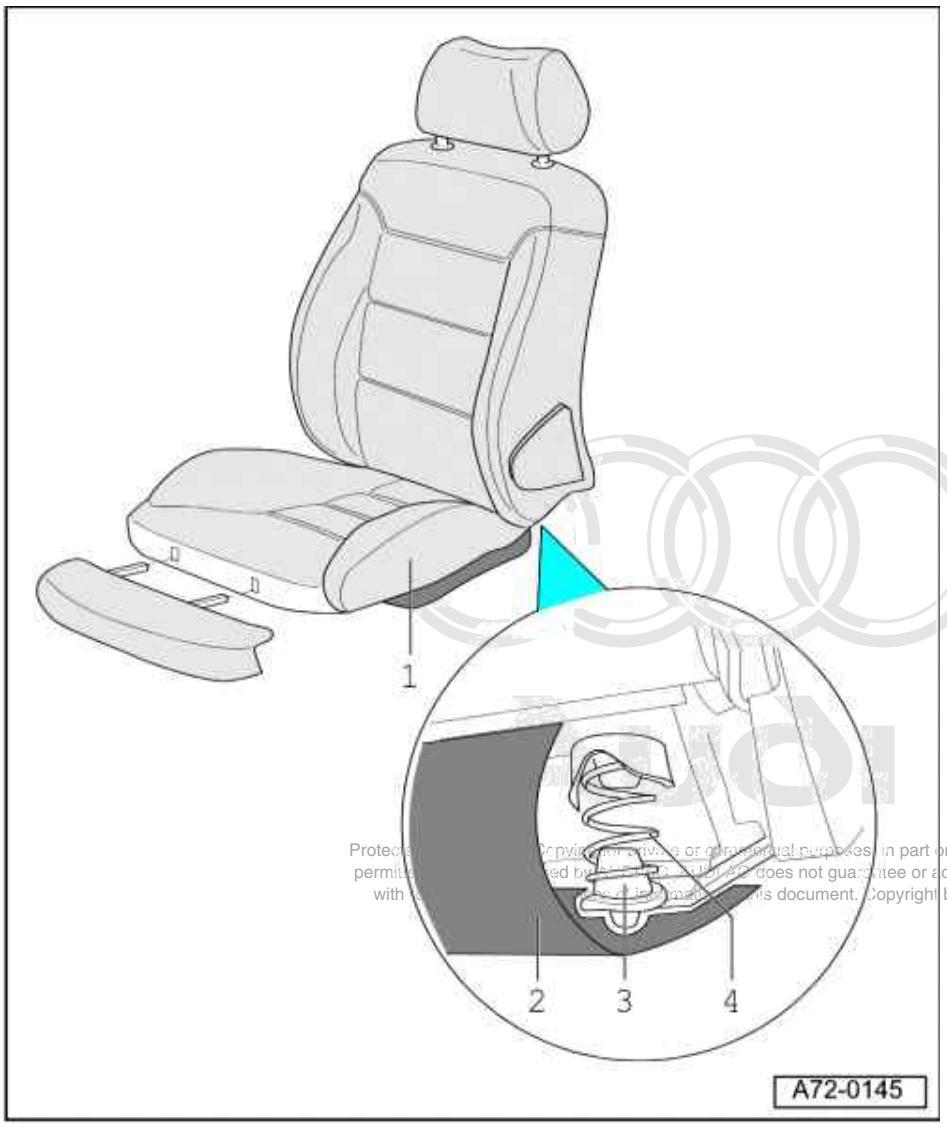
- If fitted, detach cushion cables (heating, seat occupied sensor).
- Fold up cushion -1- at front.
- Pull out cushion -1- at front.

Note:

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

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- 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.

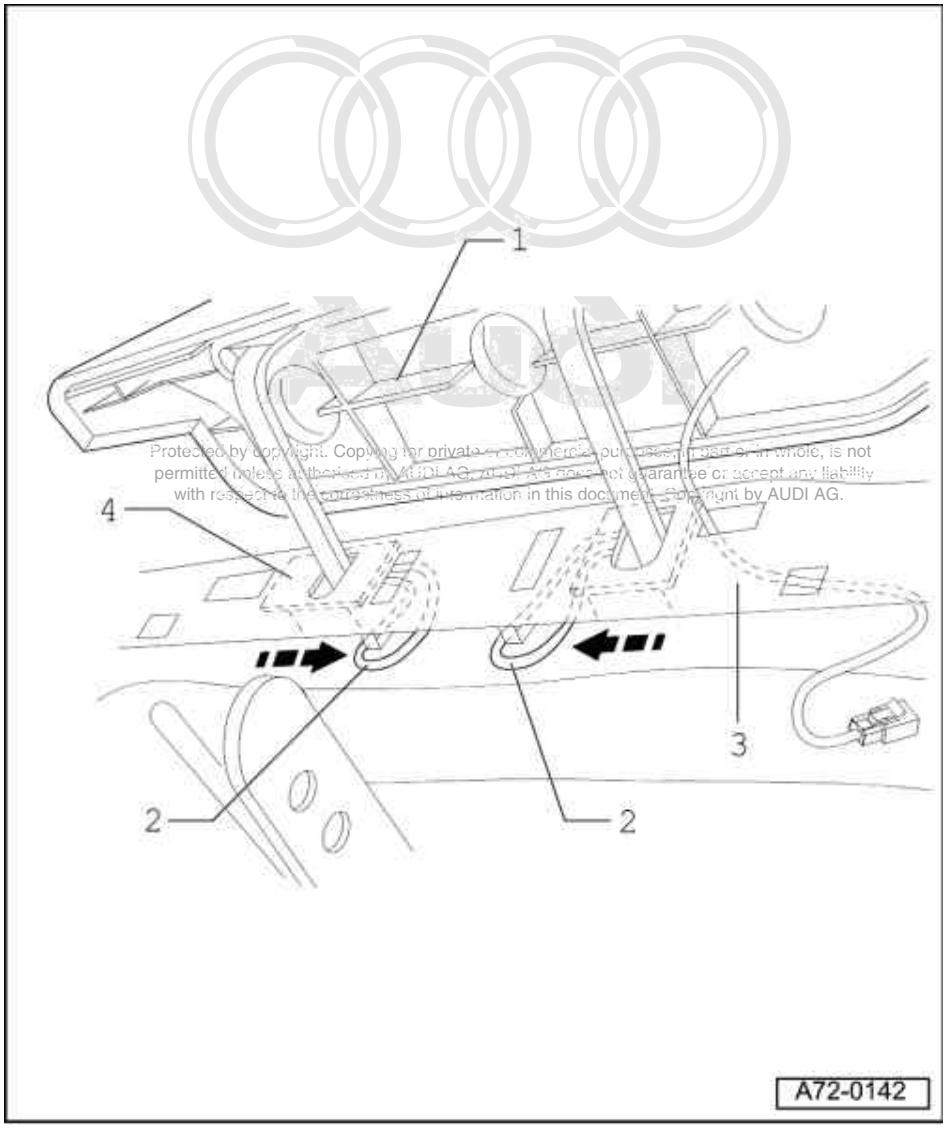


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- Insert seat cushion -1- so that springs -4- rest on rubber buffers -3- on the backrest.
- Push seat cushion -1- towards the rear.
- Press down cushion -1- at front.
- If applicable, reconnect cushion cables.
- Engage cover for electrics beneath seat.

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

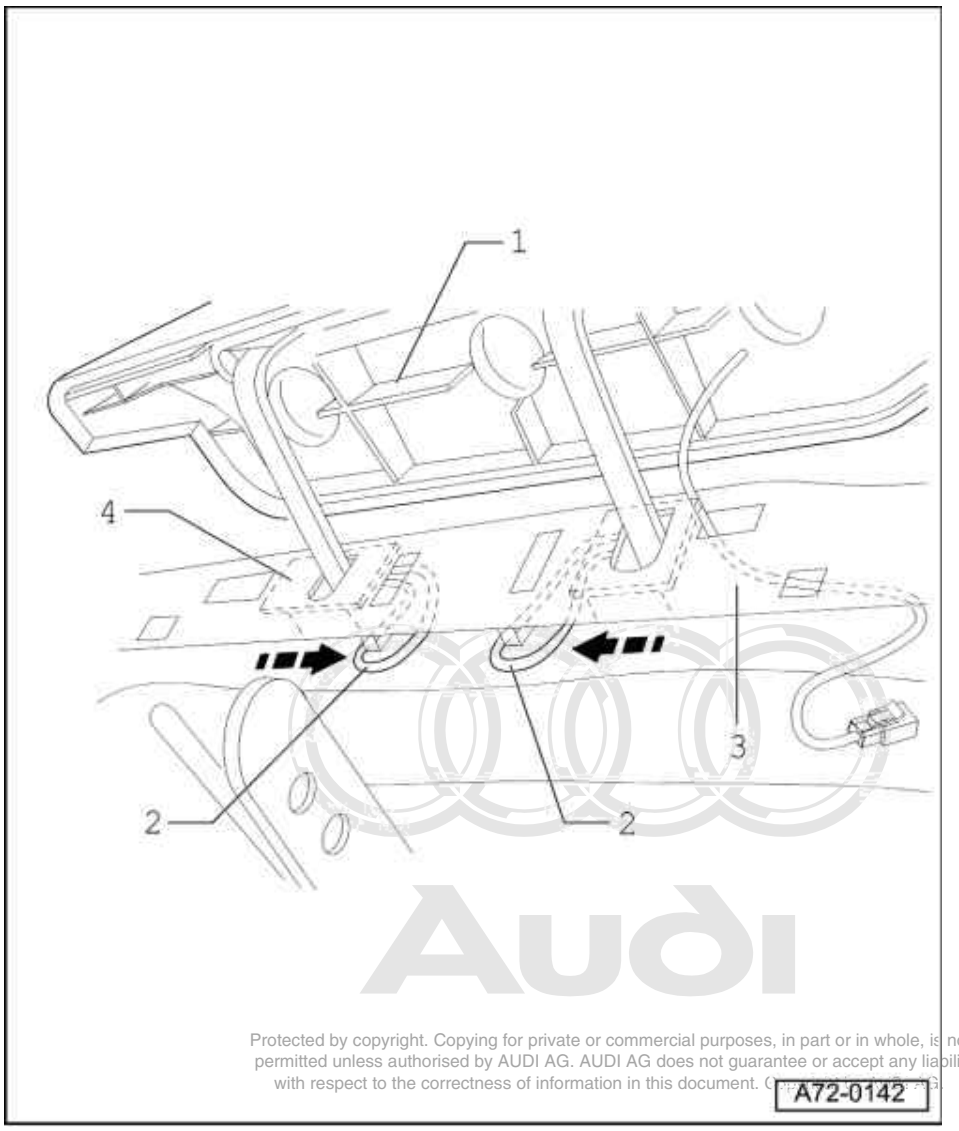
2.7 - Removing and installing seat extension



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1 Seat extension

- Removing
  - Raise seat as far as possible.
  - Remove seat => Page 270 .
  - 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.

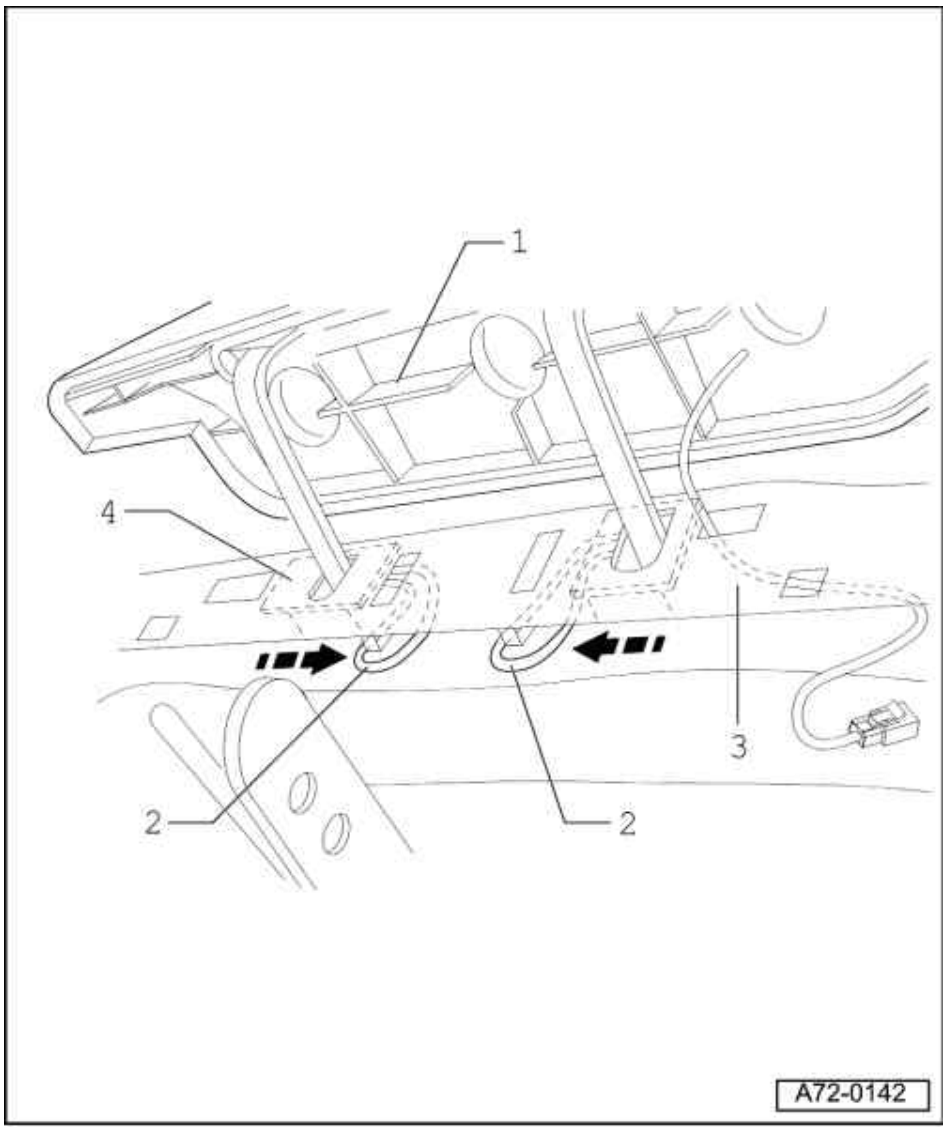


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2 Springs (2x)

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.



4 Guide sleeves (2x)

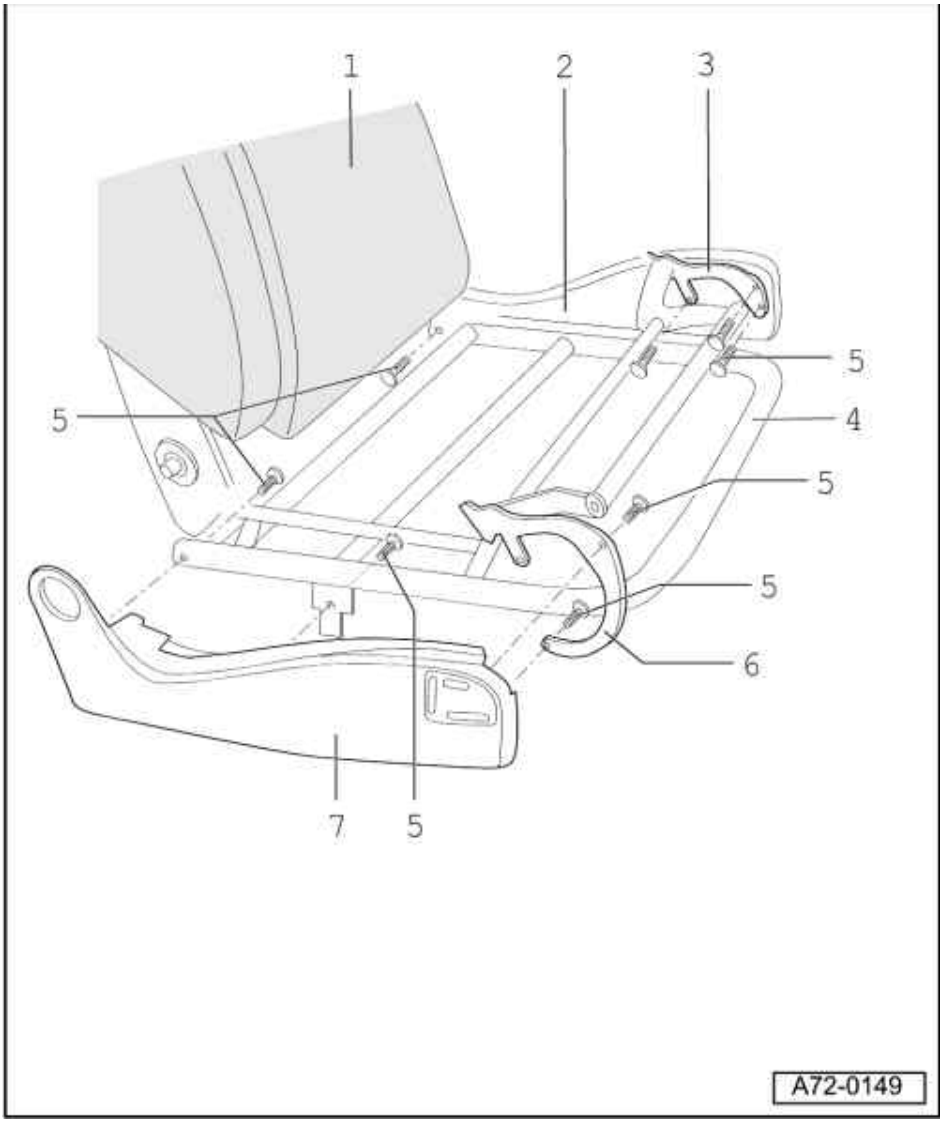
- Removing
  - If necessary, (e.g. when removing cushion) squeeze guide sleeves -4- together using gripping pliers and pull out guide sleeves.
- Installing

Note:

Always replace the two guide sleeves when installing.

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2.8 - Removing and installing seat side panels



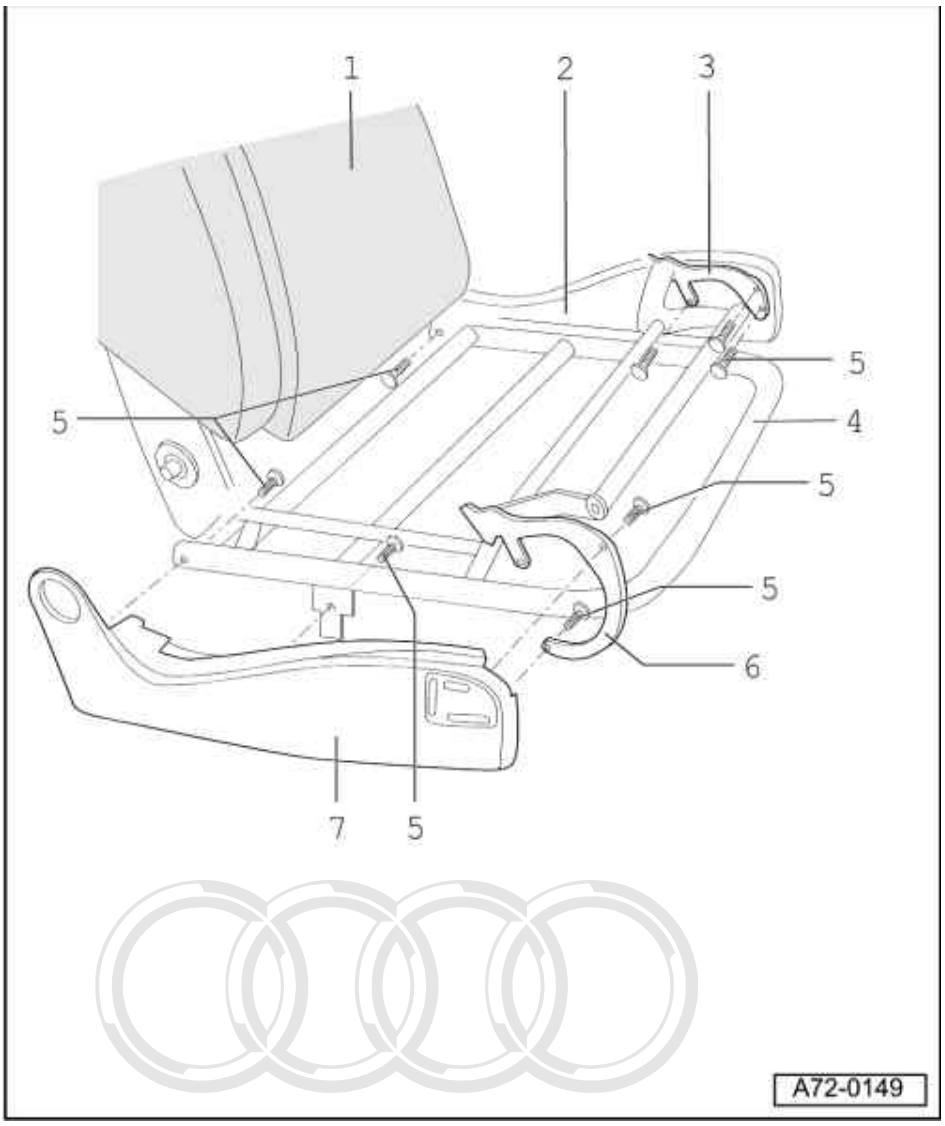
1 Backrest
2 Seat side panel, tunnel side

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.

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

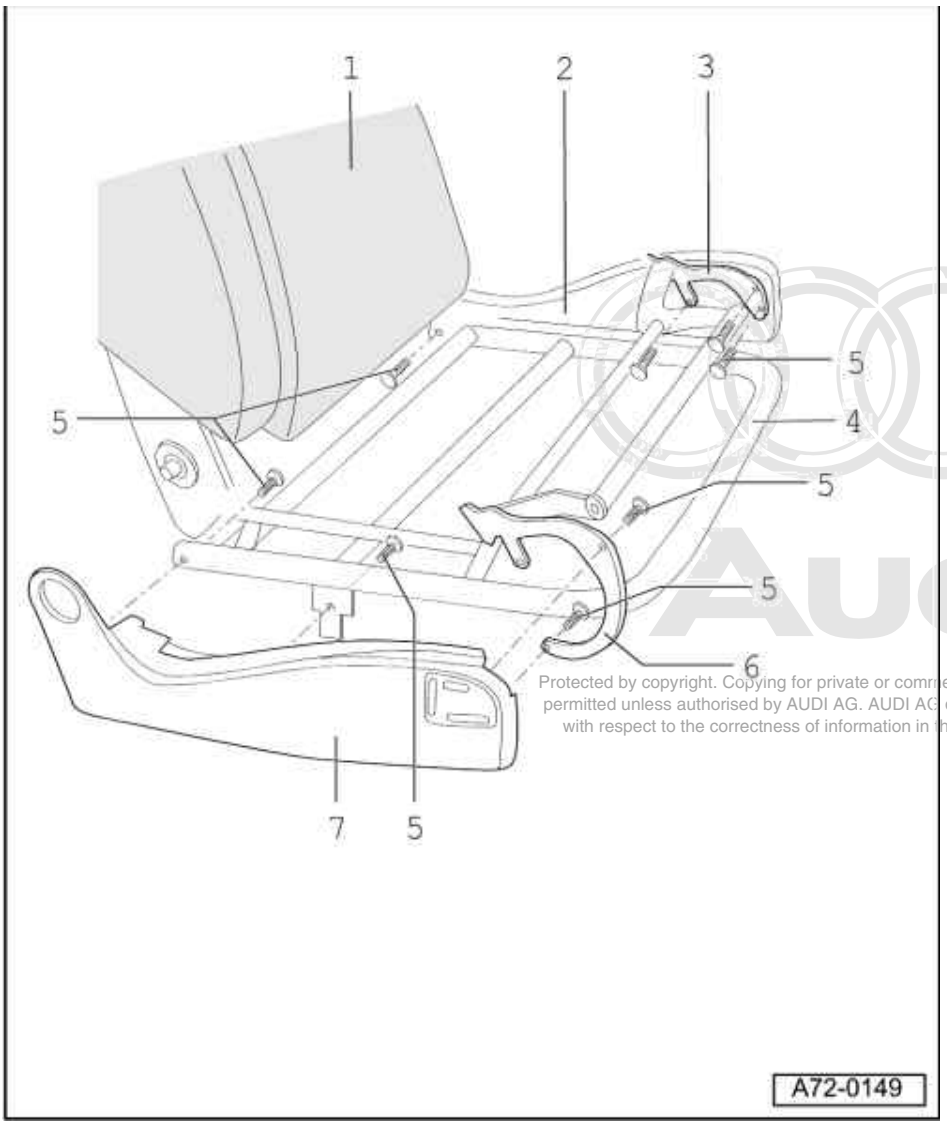
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7 Seat side panel, sill side

- Removing
  - Move seat down as far as possible.
  - Remove seat => Page 270
  - Remove fitting panel => Page 292
  - Remove seat cushion => Page 277
  - Swivel down belt buckle.
  - Detach all electrical connectors to circuit board in seat side panel on sill side.
  - Use side-cutting pliers to cut through all cable ties at wiring harness.
  - Slacken off bolts -5- (4x) at seat side trim.

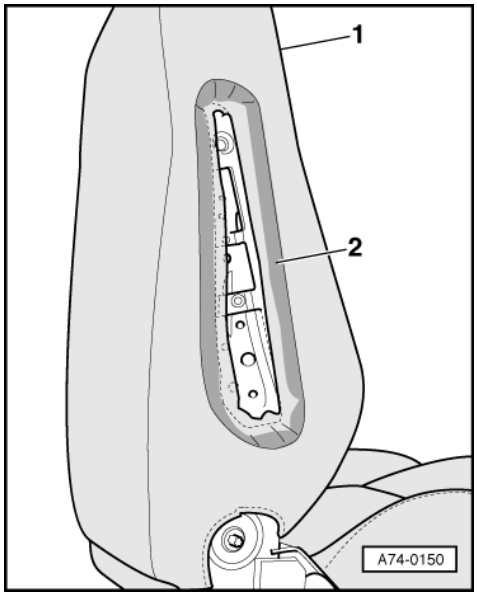
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- Installing
  - Engage trim at bottom part of backrest frame fitting.
  - Attach seat side trim with bolts -5- (4x).

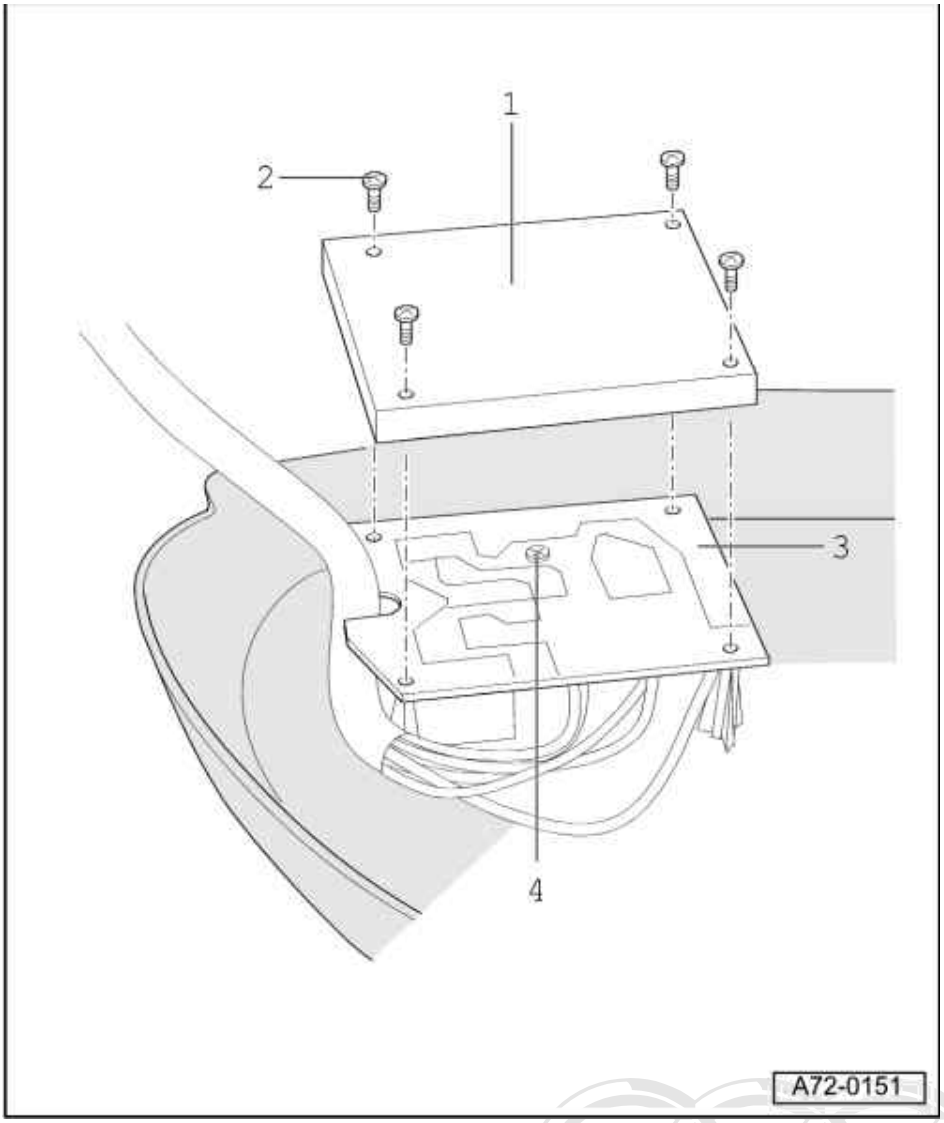
2.9 - Removing and installing seat side panel brackets



- Move seat to uppermost position.
- Remove seat => Page 270
- Remove seat side panel trims => Page 283
- Drill off both rivets -2- at front of bracket for seat side panel -1- and detach bracket.

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2.10 - Removing and installing switch unit



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

Note:

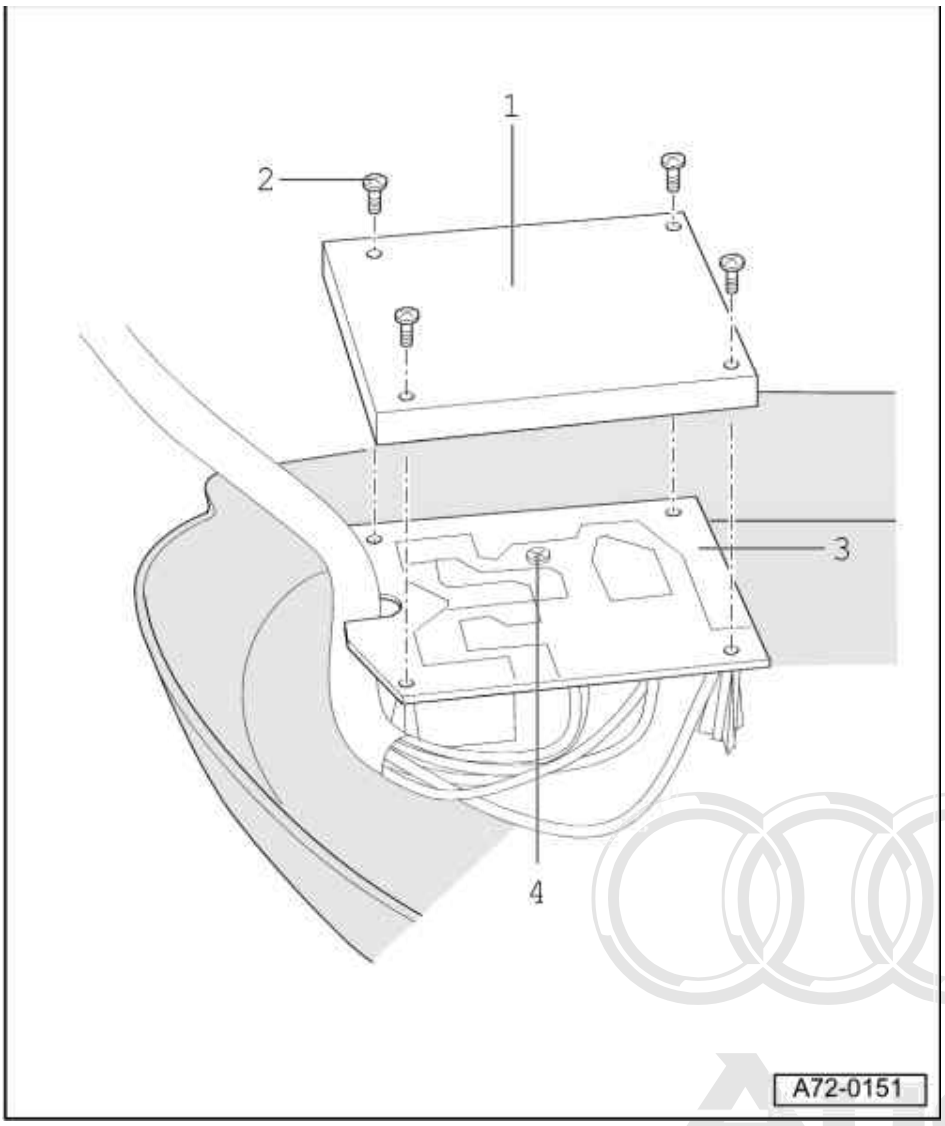
Switch-unit circuit board is installed in seat side panel on sill side.

1 Plastic cover
2 Bolts (4x)

Removing and installing switch unit with wiring harness

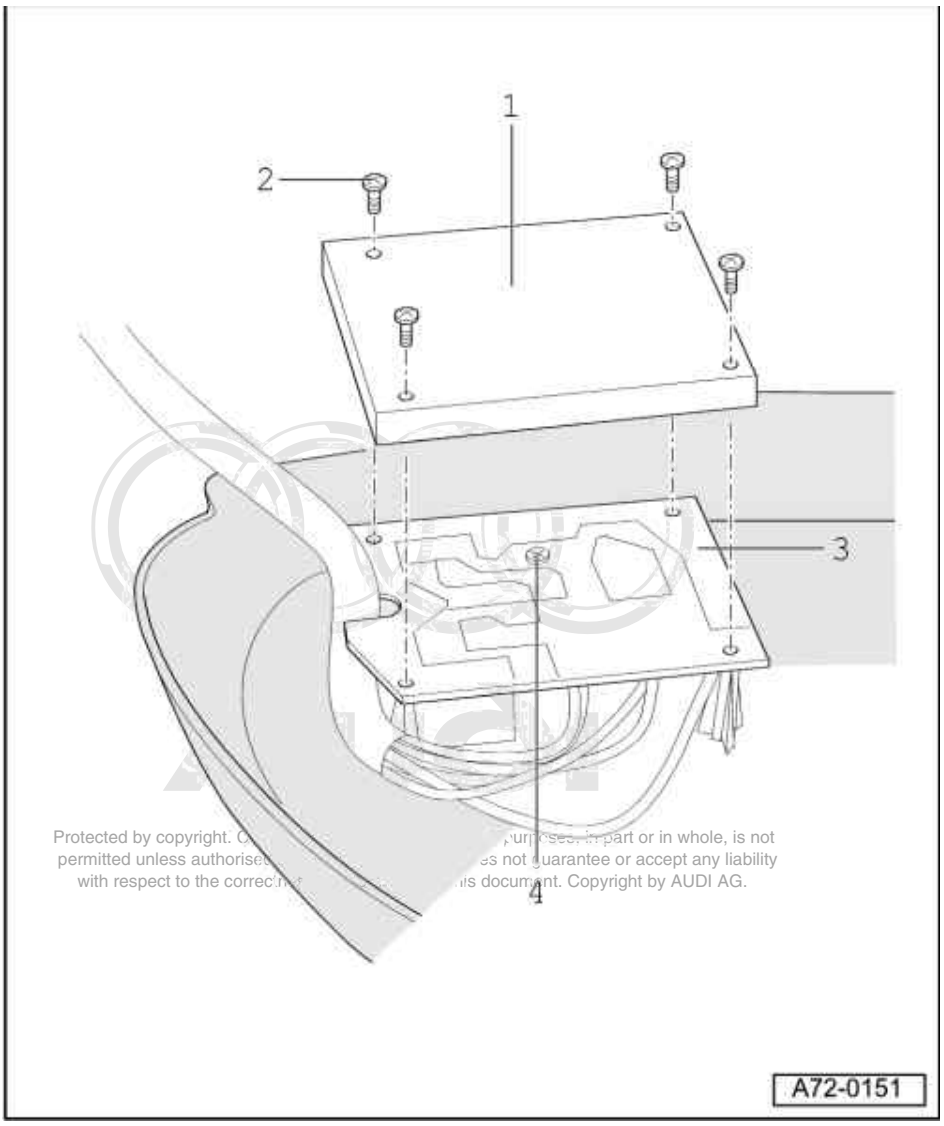
3 Switch-unit circuit board with wiring harness

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- Removing
  - Move seat to lowest position.
  - Remove seat => Page 270
  - Remove seat side panel on sill side => Page 283
  - Use side-cutting pliers to cut through all cable ties at wiring harness.
  - Detach all connectors of circuit board wiring harness.
  - Release bolts -2- (4x) at plastic cover -1- over circuit board -3-.
  - Remove plastic cover -1-.
  - Release bolt -4-.
  - Carefully detach circuit board.

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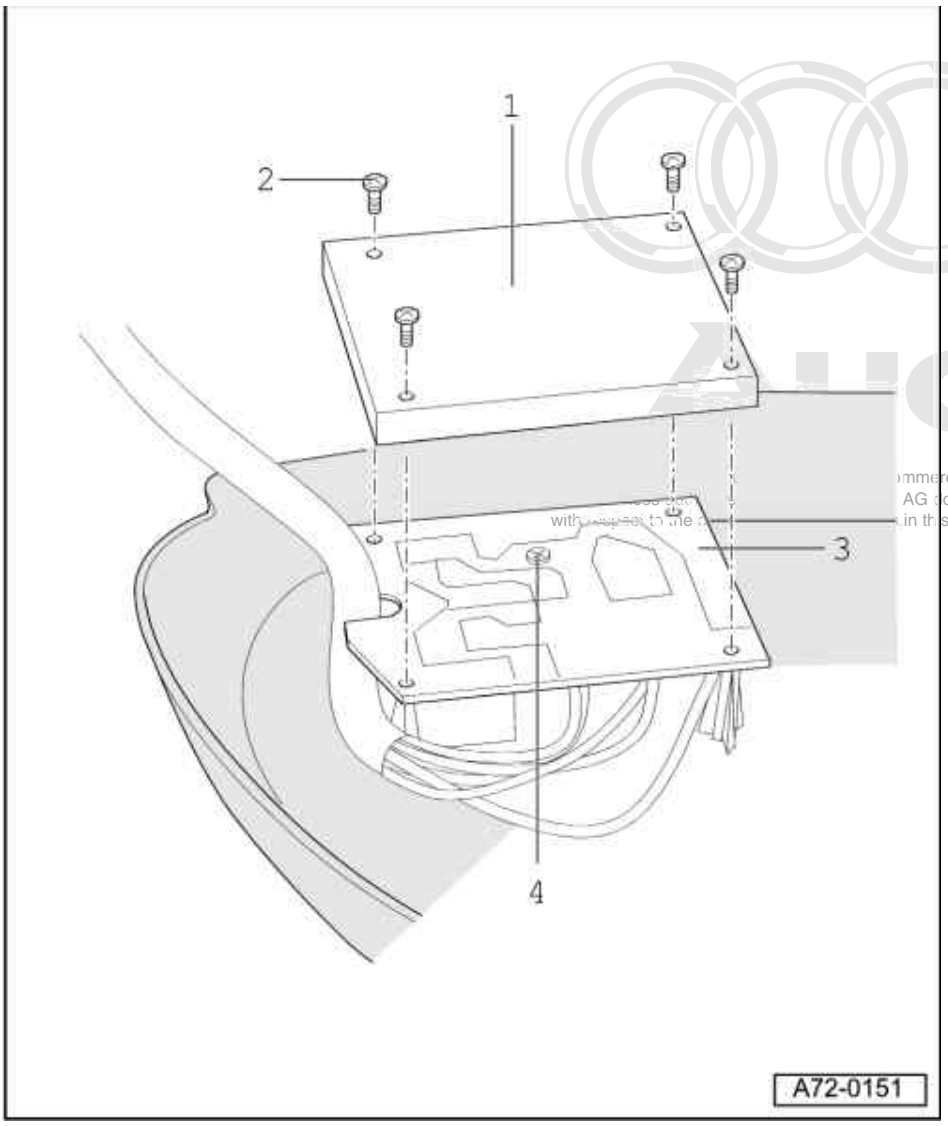


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- Installing
  - Carefully fit new circuit board such that its contacts engage properly in switch connections in seat side panel.

Removing and installing switch unit without wiring harness

- Removing
  - Move seat to lowest position.
  - Remove seat => Page 270
  - Remove seat side panel on sill side => Page 283
  - Release bolts -2- (4x) at plastic cover -1- over circuit board -3-.
  - Remove plastic cover -1-.

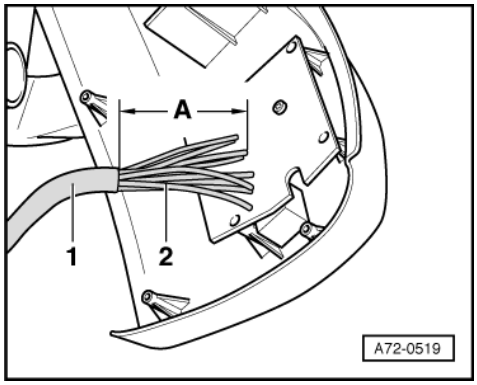


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- Release bolt -4-.
- Carefully detach circuit board.
- Disconnect the wiring harness from the circuit board and install the new circuit board => Fig.: 1

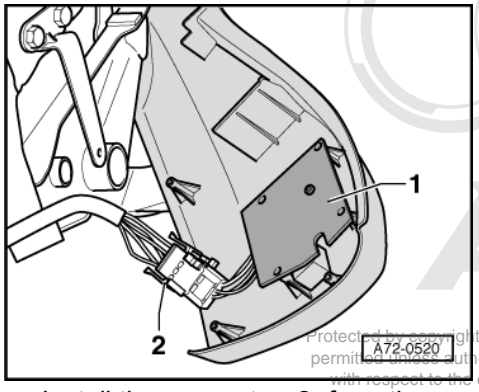
4 Bolt (1x)

Fig.:1 Disconnecting wiring harness from circuit board and installing new circuit board



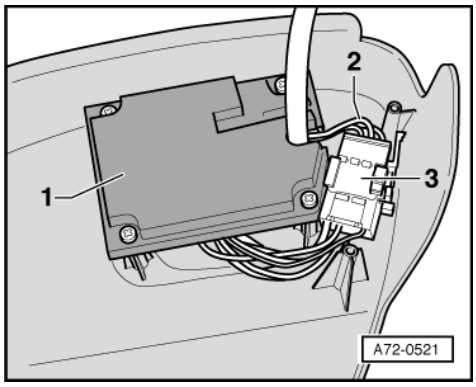
- Use side-cutting pliers to cut off the wiring harness -2- approx. 6 cm (-A-) from the end of the insulation -1-.

- Insulate the ends of the cable and fit the cable shoe provided in the repair kit. Use the wiring harness repair kit VAS 1978.



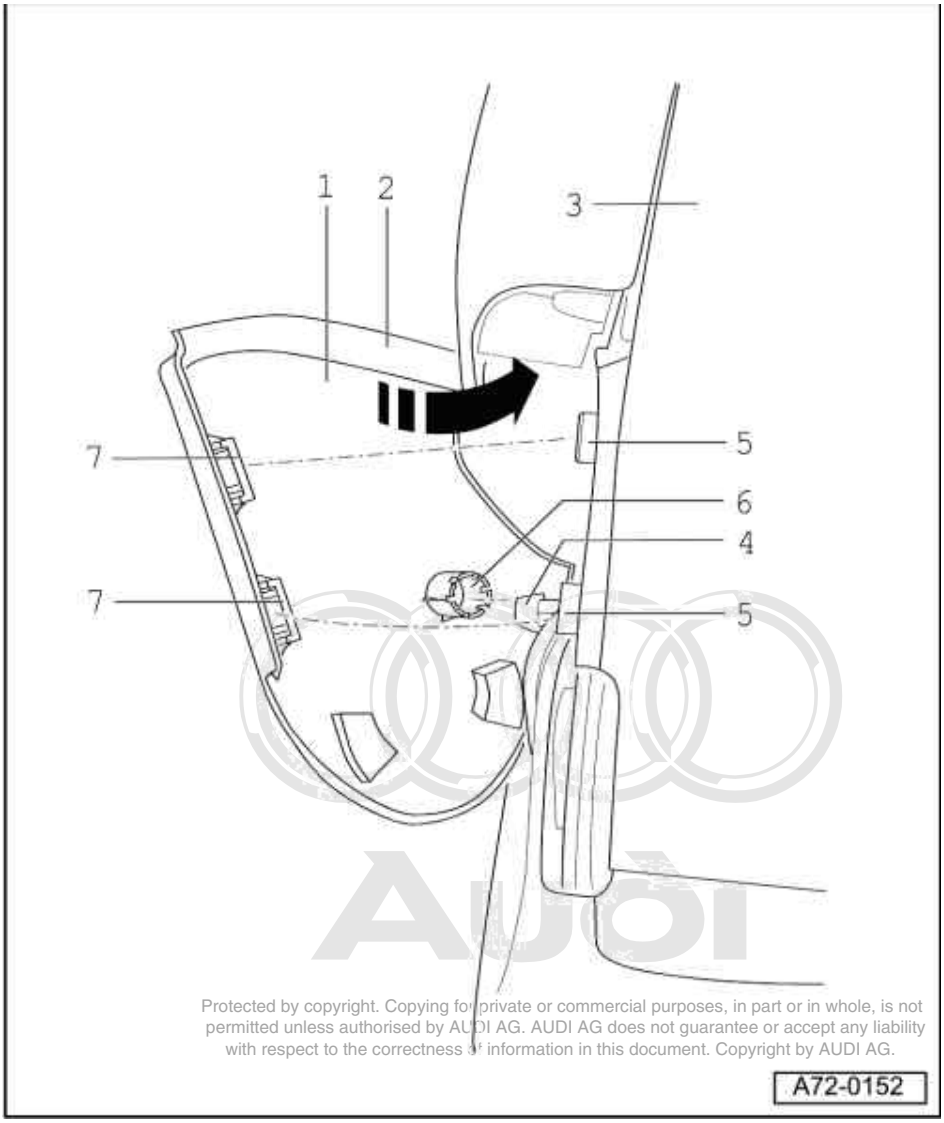
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- Install the connector -2- from the repair kit.
- Install the new circuit board -1- with the corresponding switch (colour-coded; provided in repair kit).



- Fit cover -1-.
- Clip in connector -3- between switch unit and trim.
- Clip wiring harness -2- into groove on the switch unit.

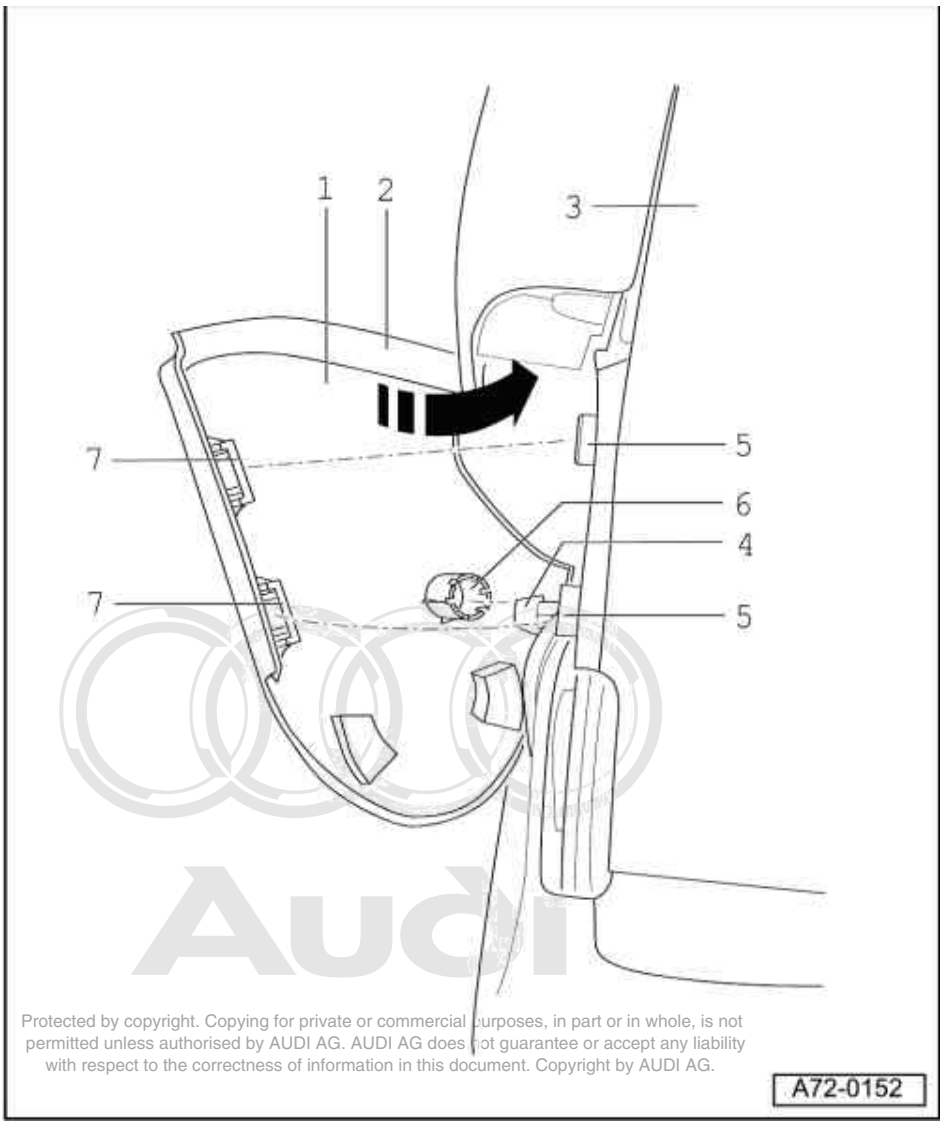
2.11 - Removing and installing fitting panels



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1 Fitting panels

- Removing
  - Remove seat => Page 270
  - 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.
- Installing
  - On side of side airbag module push fitting edge -2- beneath side airbag module in -direction of arrow-.
  - Push on fitting panel -1- in a straight line so that pin -4- and tabs -5- disengage from its locking tabs -6- and -7-.

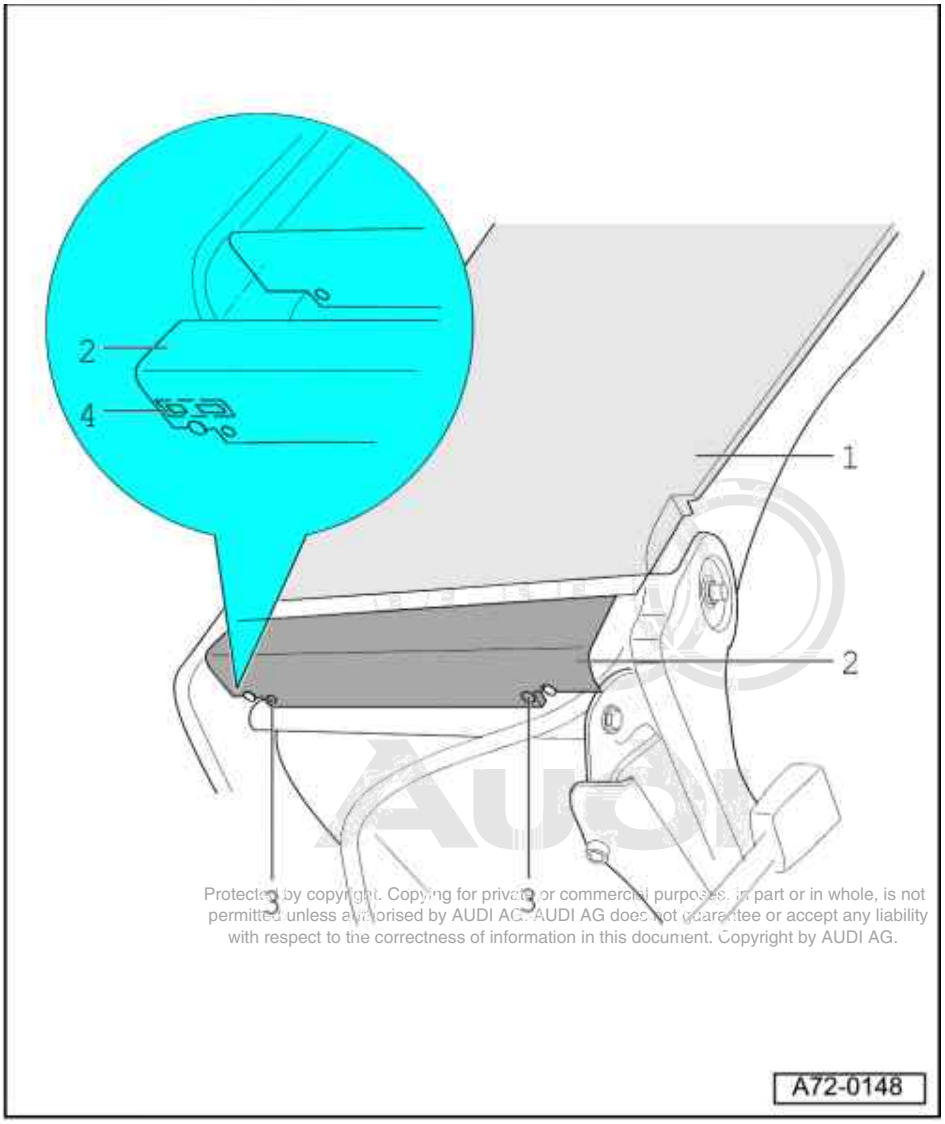


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2 Fitting edge
- Only on side of side airbag module.

3 Backrest
4 Pin
5 Clips
6 Catch for pin
7 Catches for tabs

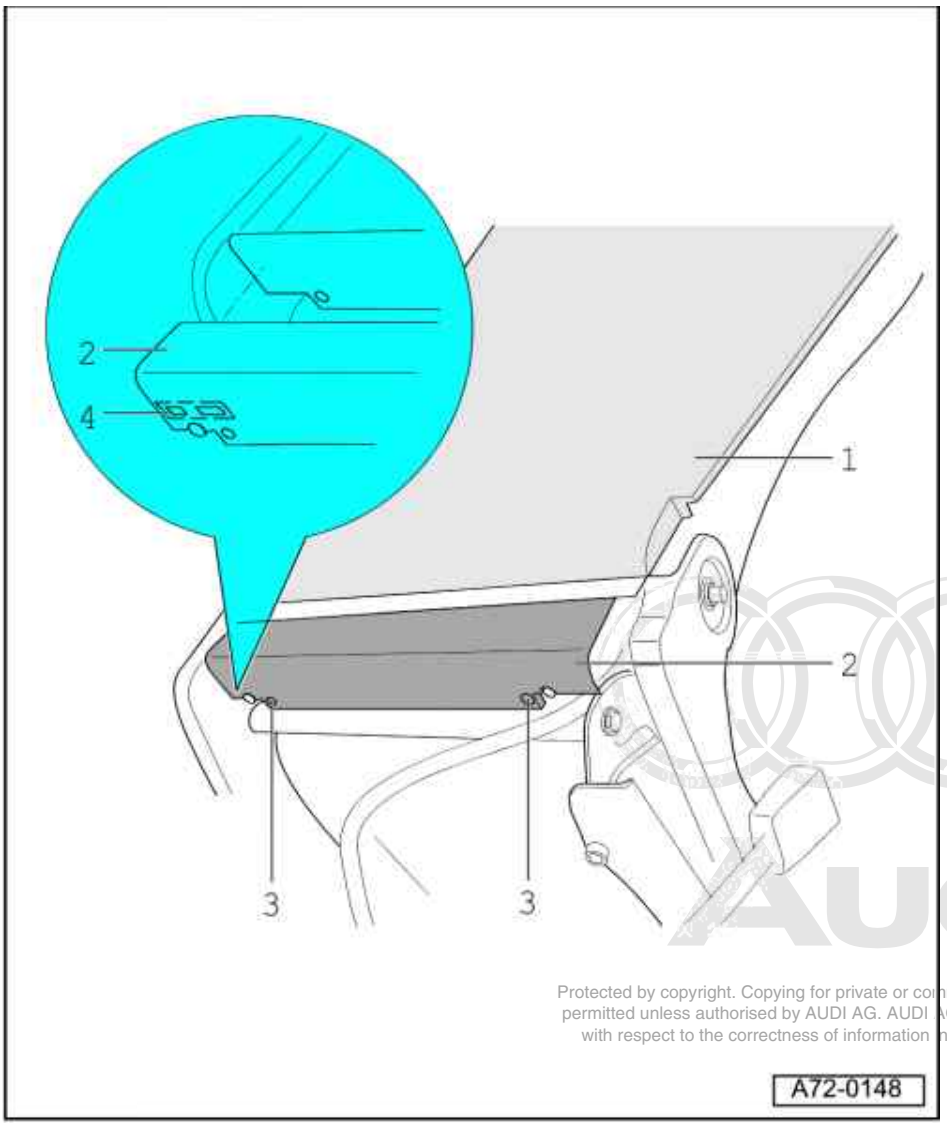
2.12 - Removing and installing spring trim



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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.



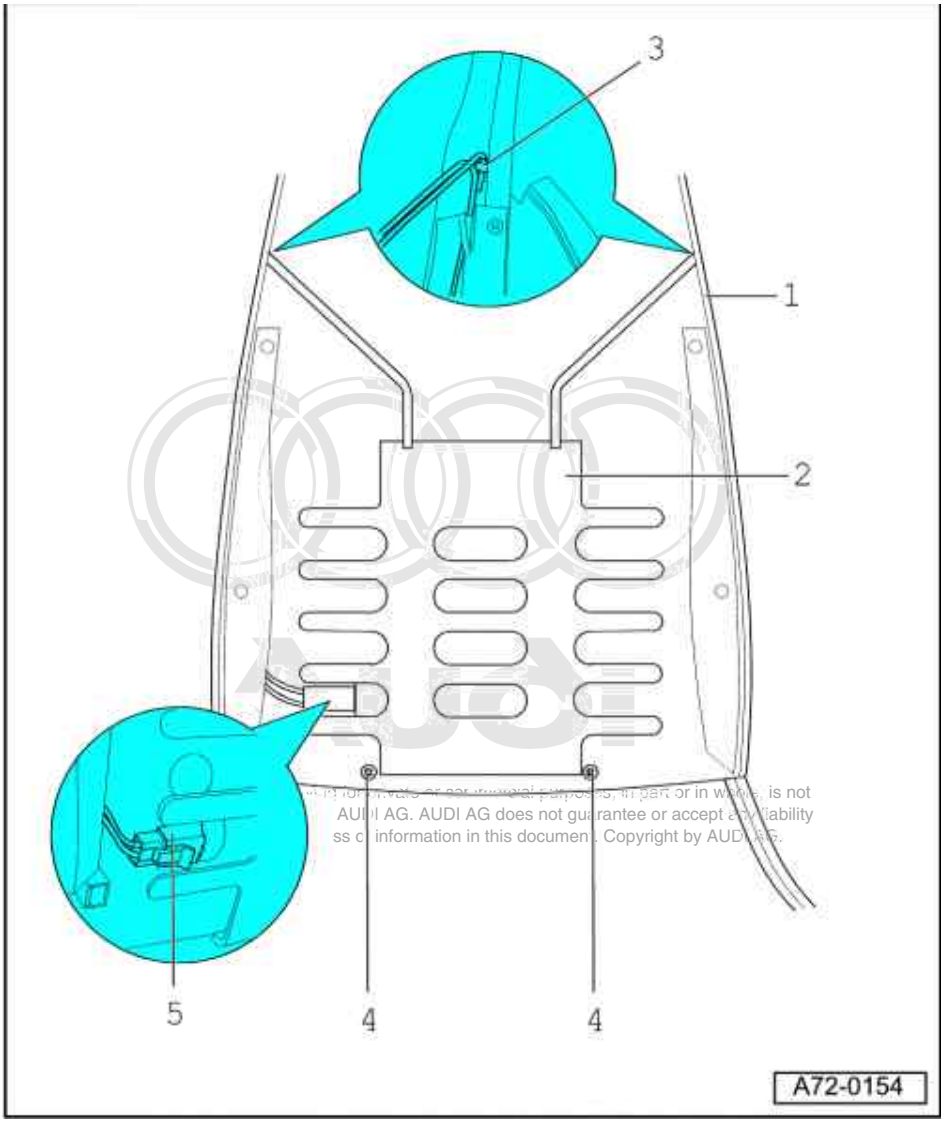
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- Installing
  - Attach spring trim -2- on left side with clip -4-.
  - Press on spring trim -2- on right side such that it engages.
  - Re-tighten the two bolts -3-.

3 Bolts (2x)

4 Clamp

2.13 - Removing and installing 2-way lumbar support



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1 Backrest frame

2 2-way lumbar support

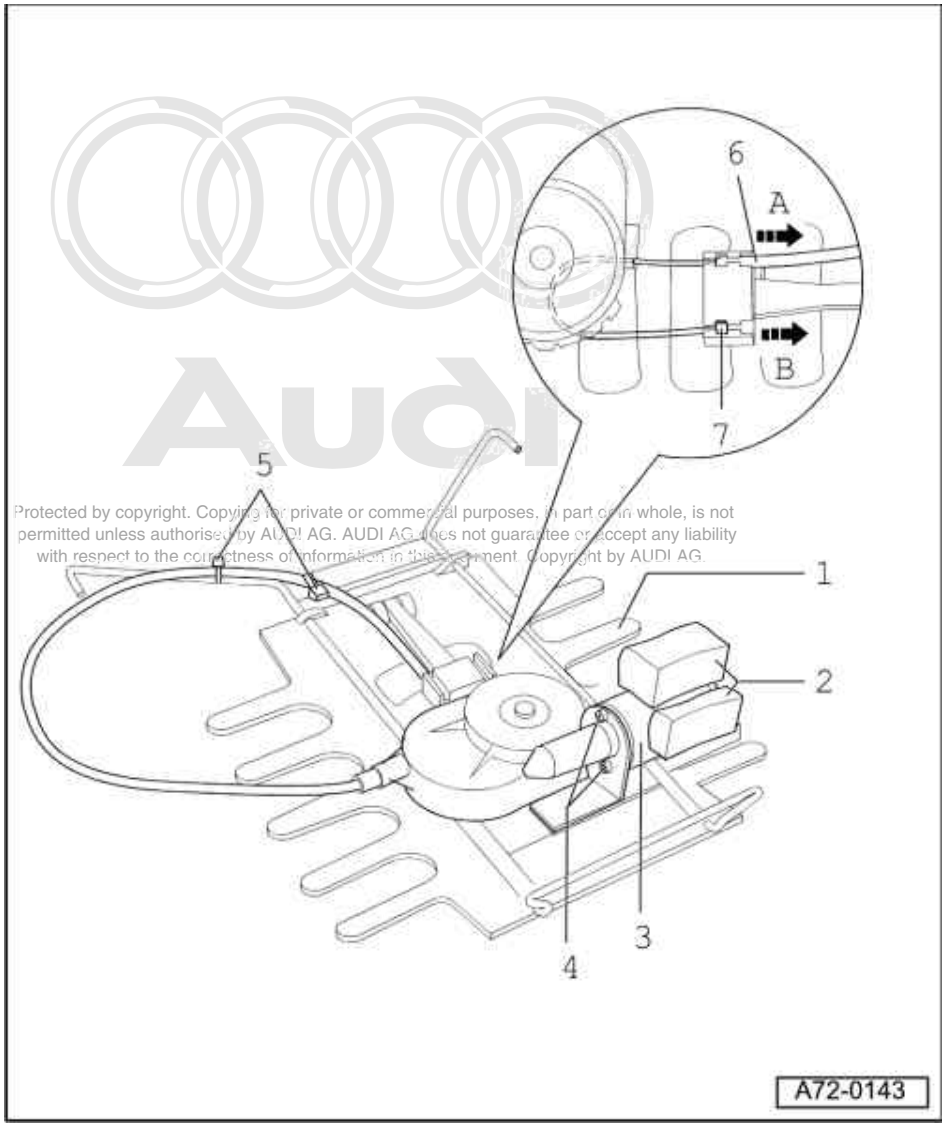
- Remove seat => Page 270
- Remove upholstery from backrest => Page 337
- Detach connector of lumbar support motor -5-.
- Unscrew bolts -4- (2x).
- Detach retaining hooks -3-.

3 Retaining hooks

4 Bolts (2x)

5 Connector of lumbar support motor

2.14 - Removing and installing lumbar support motor with gear unit



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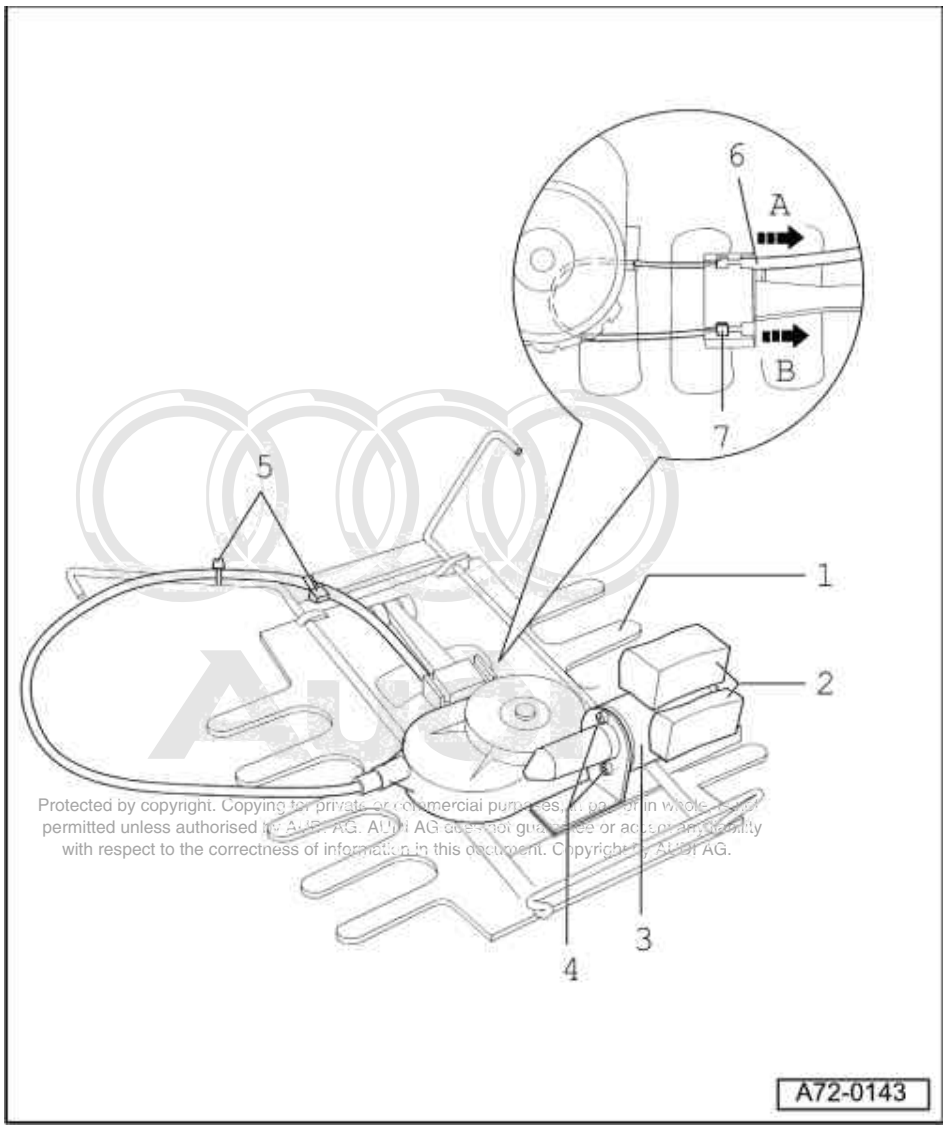
1 Lumbar support

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 seat => Page 270
- Remove 2-way lumbar support => Page 296
- Cut cable ties -5- (2x).
- Squeeze lumbar support together.
- Pull out Bowden cable -6- in direction of arrow -A-.

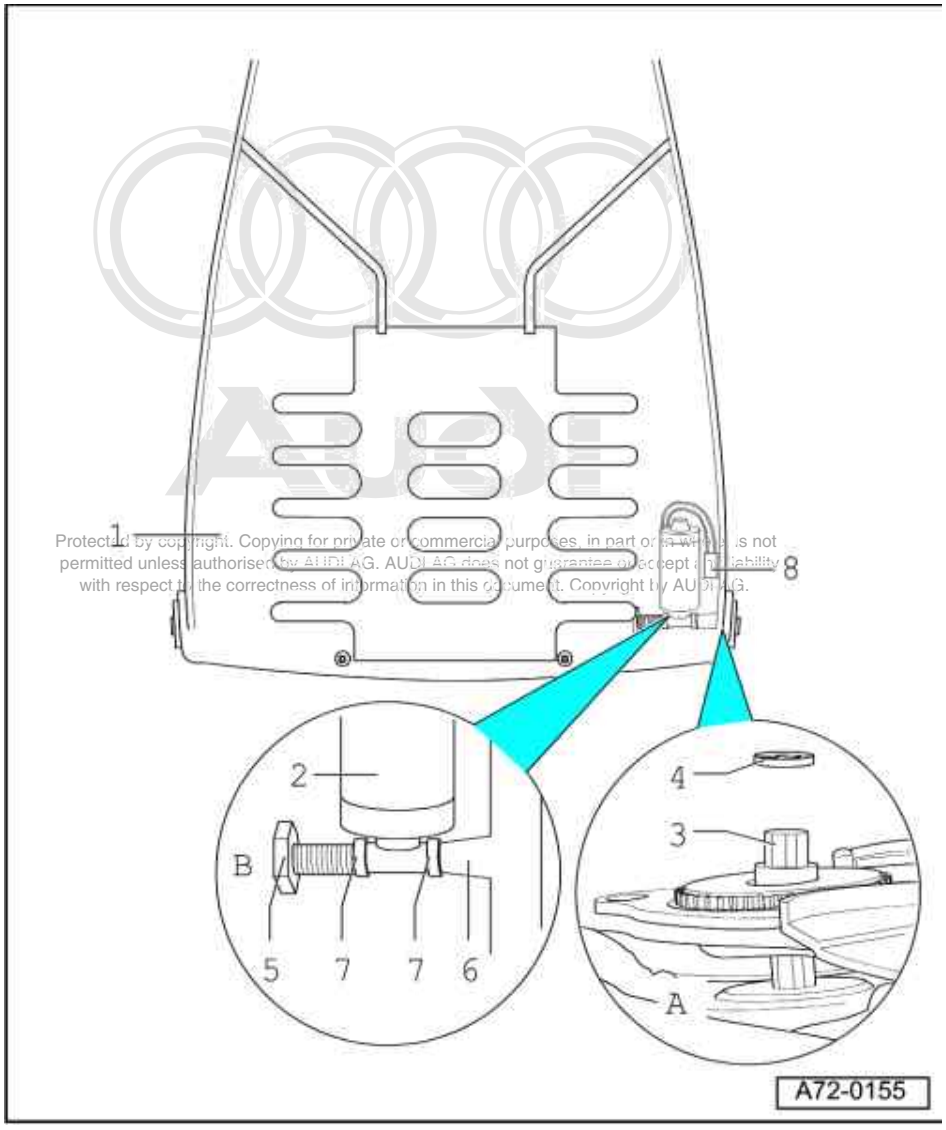


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- Disengage Bowden cable -6- at guide roller.
- Pull fastener -7- out of mount in direction of arrow -B-.
- Remove bolts -4- (2x).

4 Bolts (2x)
5 Cable tie
6 Bowden cable
7 Retaining tabs

2.15 - Removing and installing backrest motor with gear unit



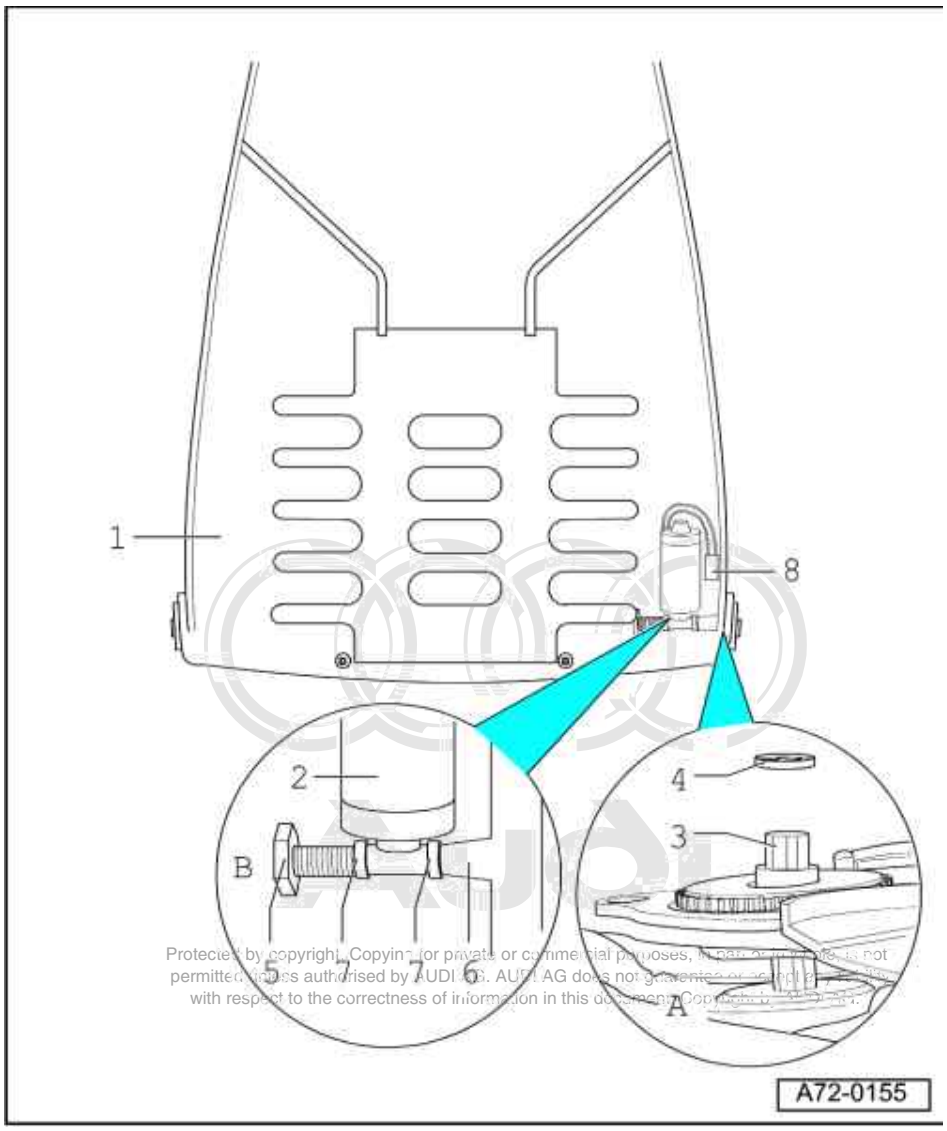
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Note:

For ease of illustration, Fig. only shows backrest.

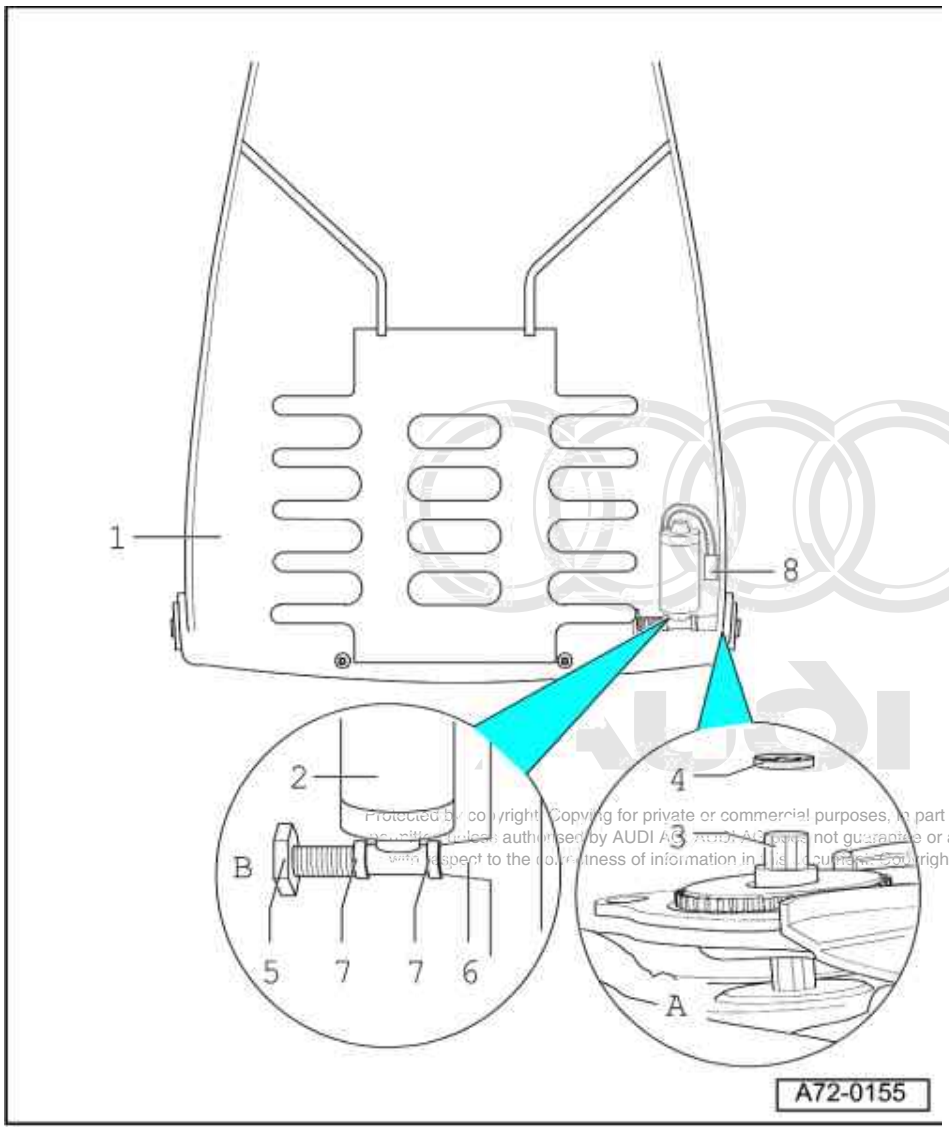
1 Backrest frame
2 Backrest motor with gear unit

- Removing
  - Raise seat as far as possible.
  - Remove seat => Page 270
  - Remove fitting panels => Page 292
  - Remove upholstery from backrest => Page 337



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- Use a screwdriver to lever off securing washer -4- on backrest motor side (illustration -B-).
- Pull shaft out of backrest frame -1-, until backrest motor -2-, can be pulled out.
- 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-
- Remove backrest motor -2-.

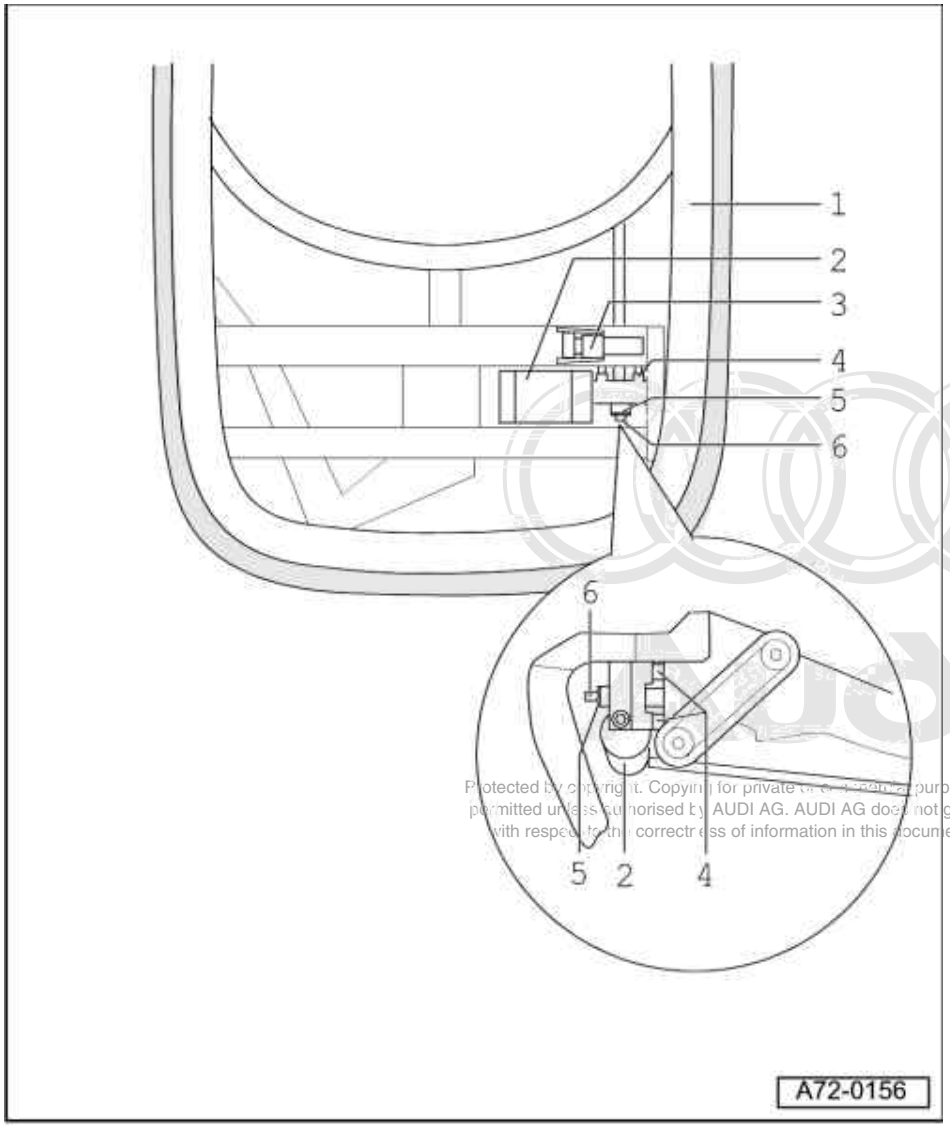


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- Installing
  - Push shaft -3- through backrest -2- and backrest frame -1-.
  - Fasten backrest motor -2- between two plastic washers -7- to threaded bush -6- with bolt -5-.
  - Drive securing washer -4- onto shaft -3-.

3 Shaft
4 Locking plate
5 Bolt
6 Threaded bushing
7 Plastic washer (2x)
8 Connector

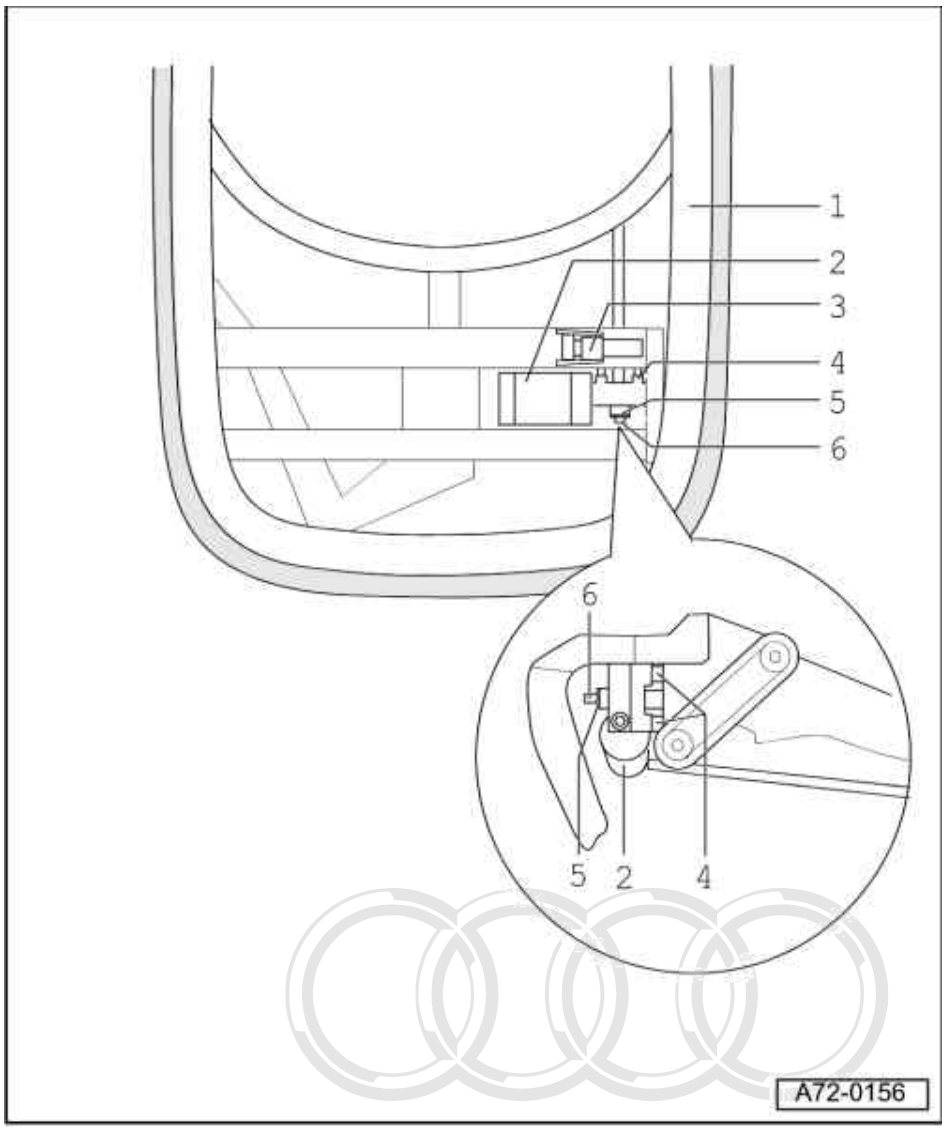
2.16 - Removing and installing seat height adjustment motor



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1 Seat frame
2 Seat height adjustment motor

- Removing
  - Raise seat as far as possible.
  - Remove seat => Page 270
  - Remove seat cushion => Page 277



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

◆ Installing

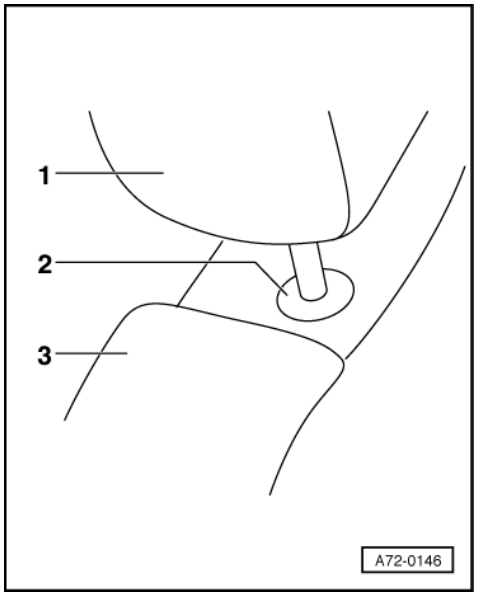
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Note:

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

3 Motor connector
4 Bushing (2x)
5 Locking plate
6 Shaft

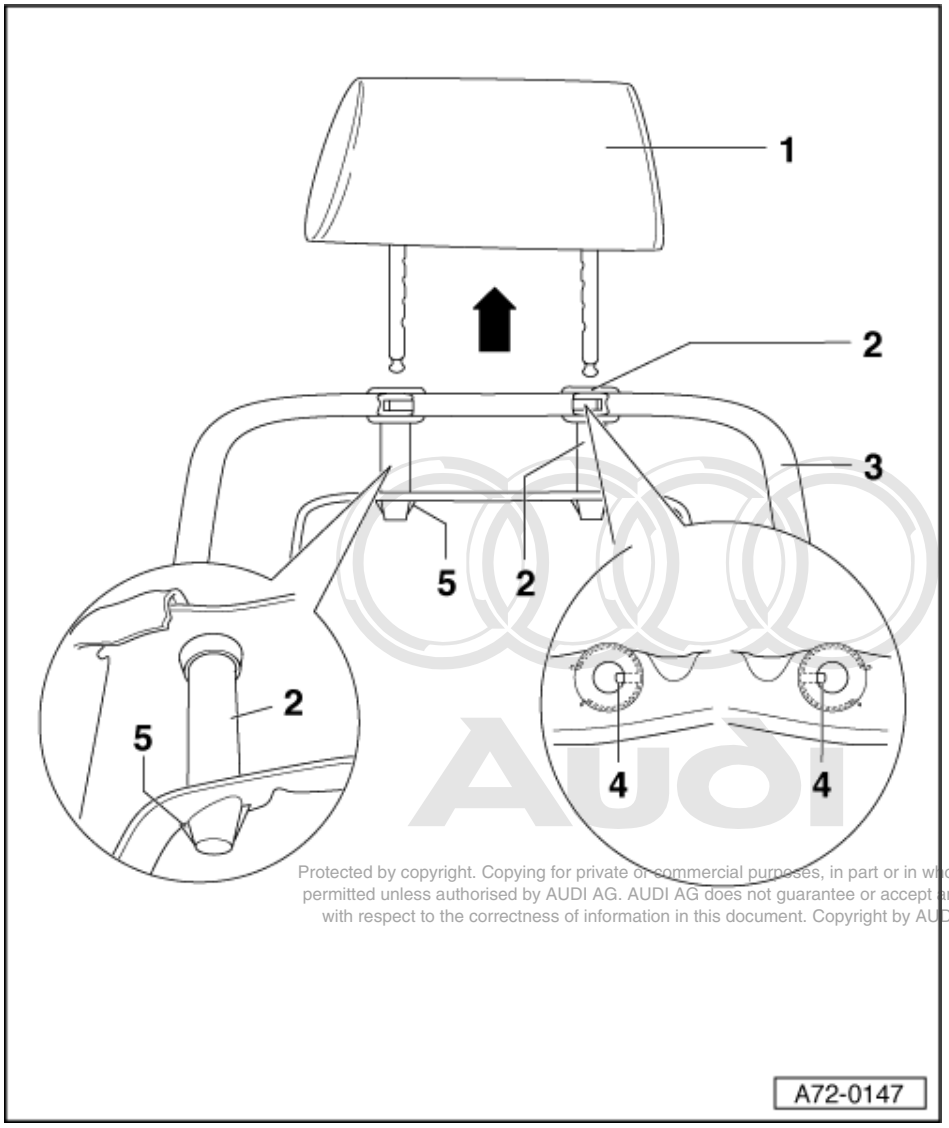
2.17 - Removing and installing head restraint



- 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-.

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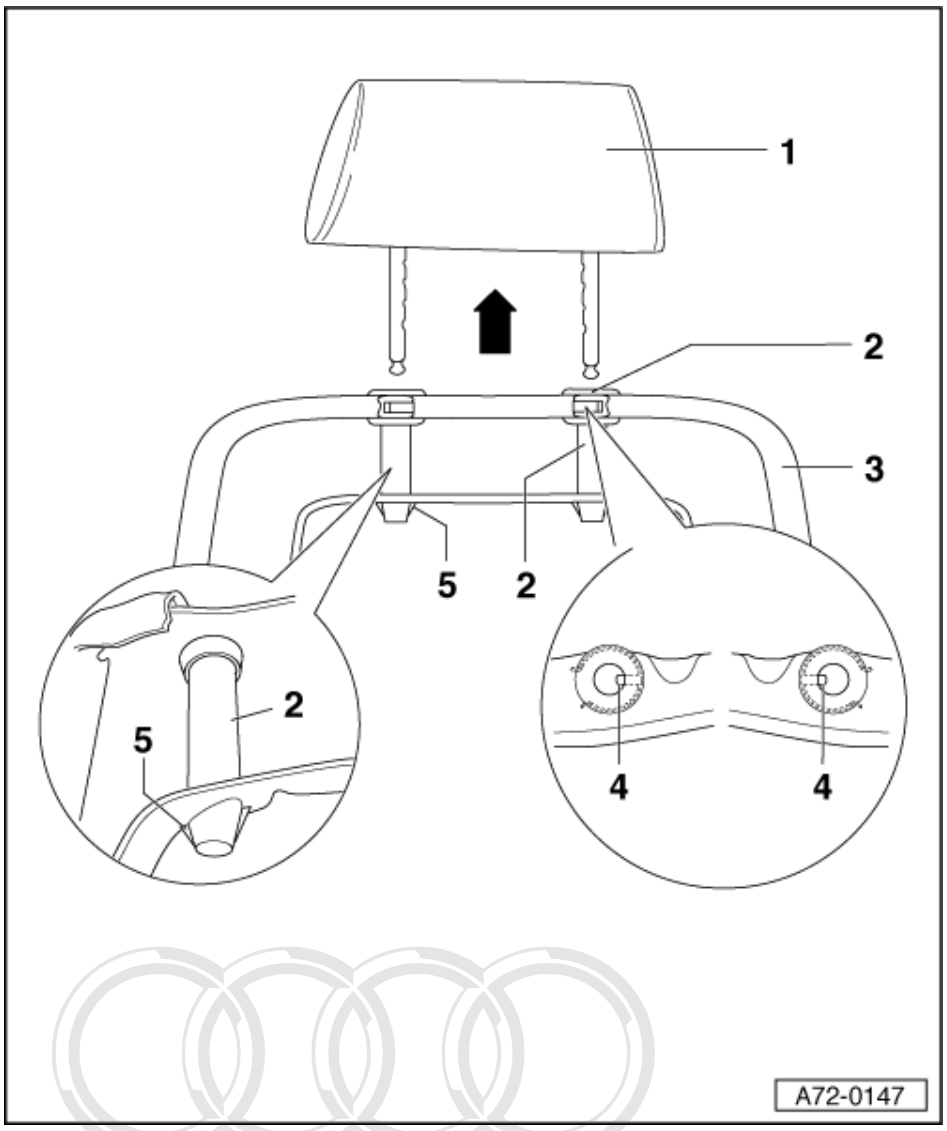
2.18 - Removing and installing head restraint guide



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1 Head restraint
2 Head restraint guide

- Removing
  - Remove head restraint -1- => Page 304
  - Detach upholstery from backrest frame -3- => Page 337
  - Squeeze retainer tabs -5- of head restraint guide -2- together and pull out head restraint guide -2- upwards.



- Installing

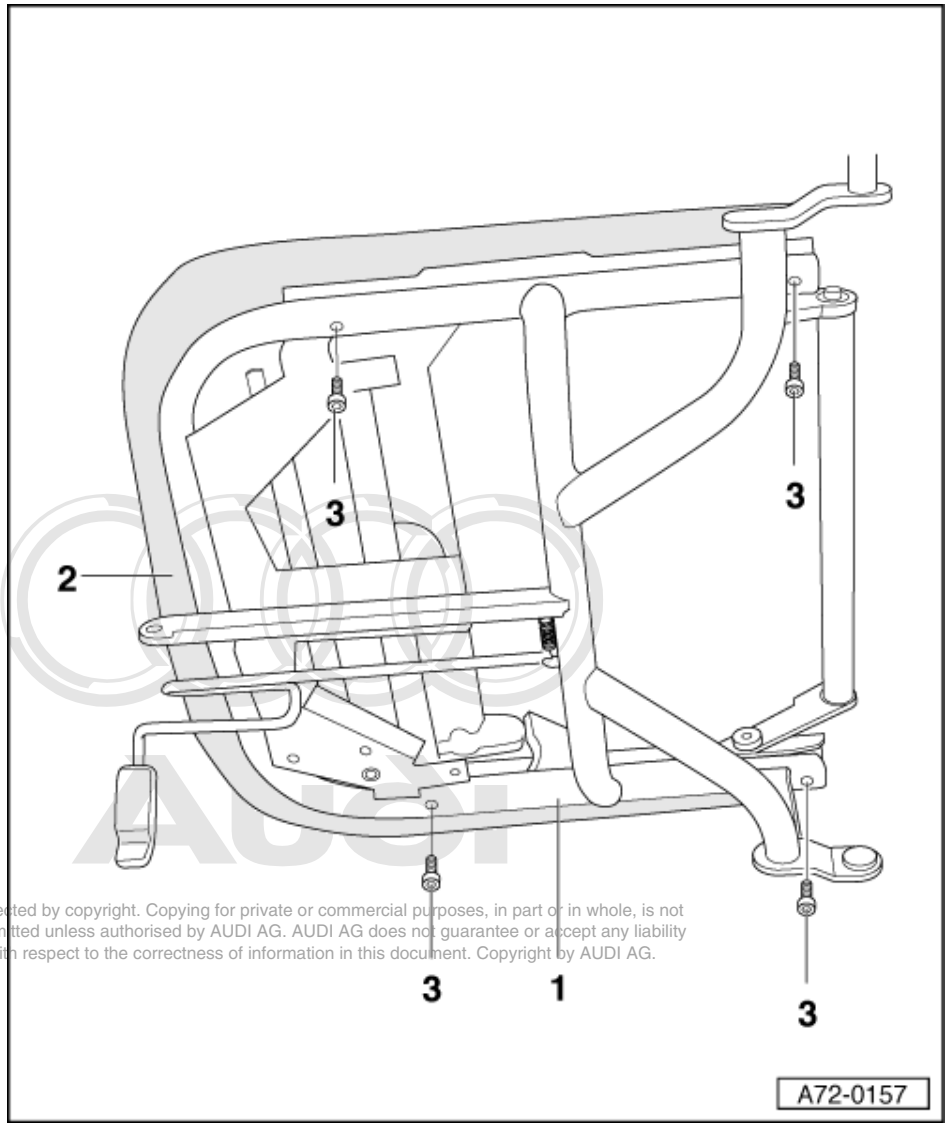
Important
Locking pins of both head restraint guides must be on inside to enable them to engage in height adjustment ratchets of head restraint.

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

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3 Backrest frame
4 Locking pins
5 Retainer tabs

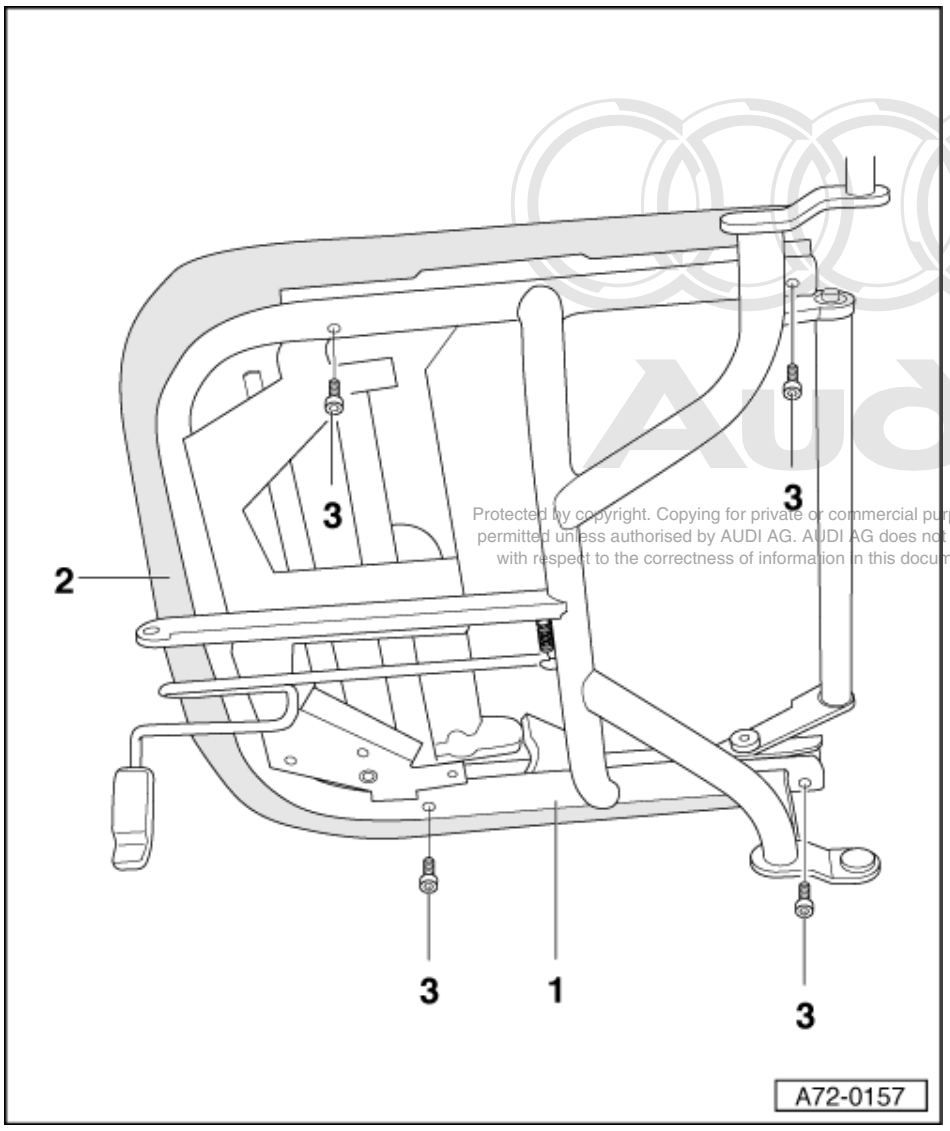
2.19 - Removing and installing console



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1 Console

- Removing
  - Remove seat => Page 270
  - 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.
  - Slacken off bolts -3- (4x) at console -1-.
  - Take off console -1- from seat -2-.



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◆ Installing

Note:

Always replace bolts - 3-.

- Put new console -1- onto seat -2-.
- Tighten bolts -3- (4x) to a tightening torque of 23 Nm.

2 Seat

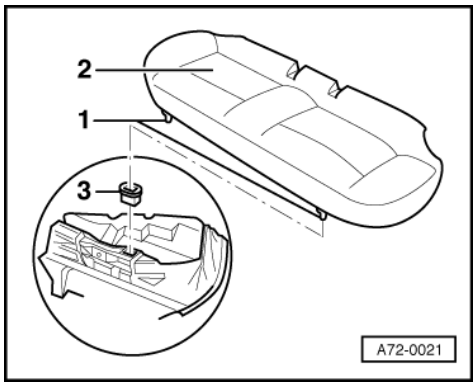
3 Bolts (4x)

- Tightening torque 23Nm

3 - Rear seat

3.1 - Rear seat

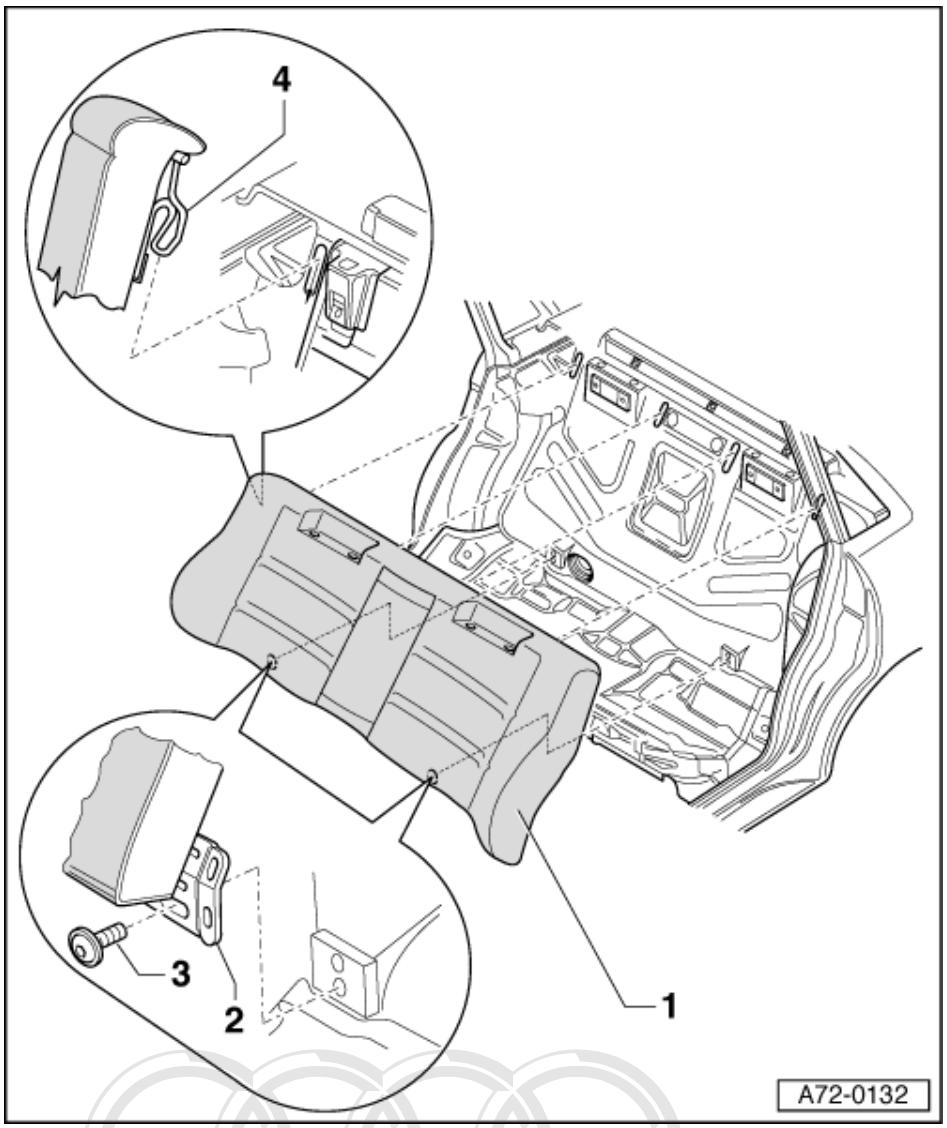
3.2 - Removing and installing rear bench seat



- -> Unclip rear bench seat -2- upwards out of retainer socket -3-.
- Holders -1- must be pressed into retainer sockets -3- on installation.

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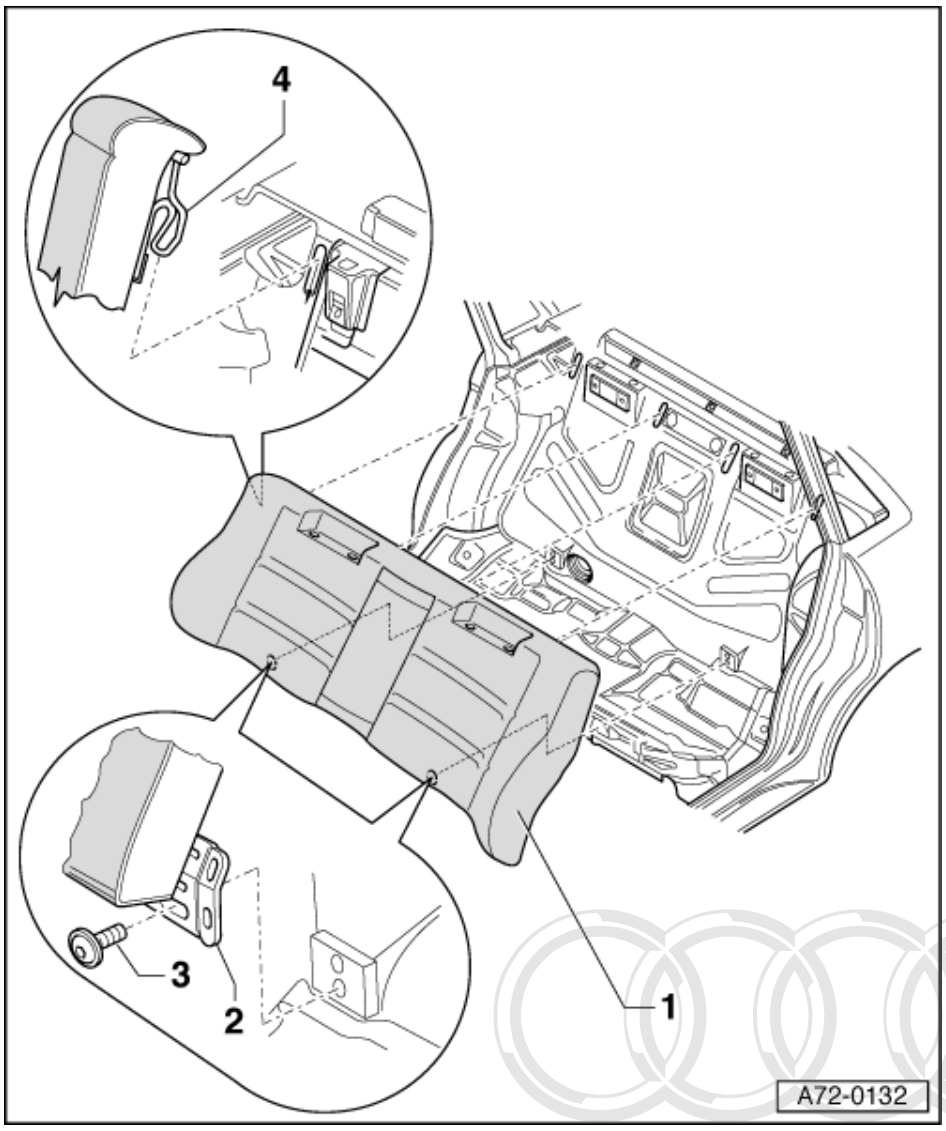
3.3 - Removing and installing fixed rear seat backrest



1 **Fixed rear seat backrest**

- Remove rear seat bench => Page 309
- Remove head restraints=> Page 320
- Remove ski bag frame on vehicles fitted with ski bag => Page 350
- Remove outer head restraint guides =>Page 319
- Remove bolts -3- (2x).

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- Push backrest -1- upwards and disengage backrest -1- at clips -4- (4x).
- On vehicles with ISO FIX pull out tabs -2- behind ISO FIX holder.

Notes:

On installing backrest, push tab -2- behind ISO FIX holders.

If ISO FIX is retrofitted tabs -2- have to be flattened in a vice to approx. 3 mm, for certain vehicles.

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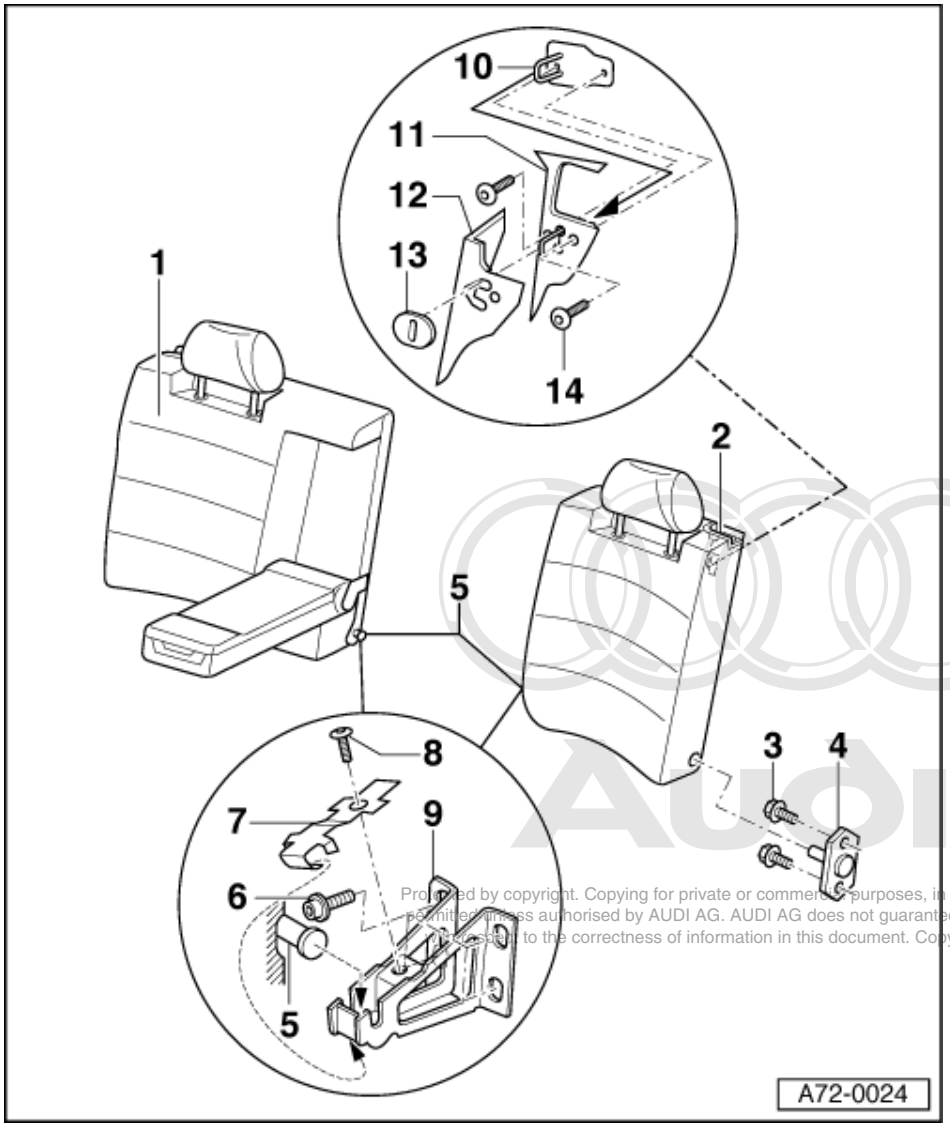
2 Tab

3 Bolts (2x)

- Tightening torque 8 Nm

4 Hook (4x)

3.4 - Removing and installing split backrest (Saloon)



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1 2/3 backrest

- ◆ Removing:
- - Unscrew bolt -8- and remove clip for centre support bracket -7-.
- - Lift backrest out of centre support bracket -9- and pull out of fitting -4- towards centre of vehicle.
- ◆ Installing:
- - Install in reverse order.

2 1/3 backrest

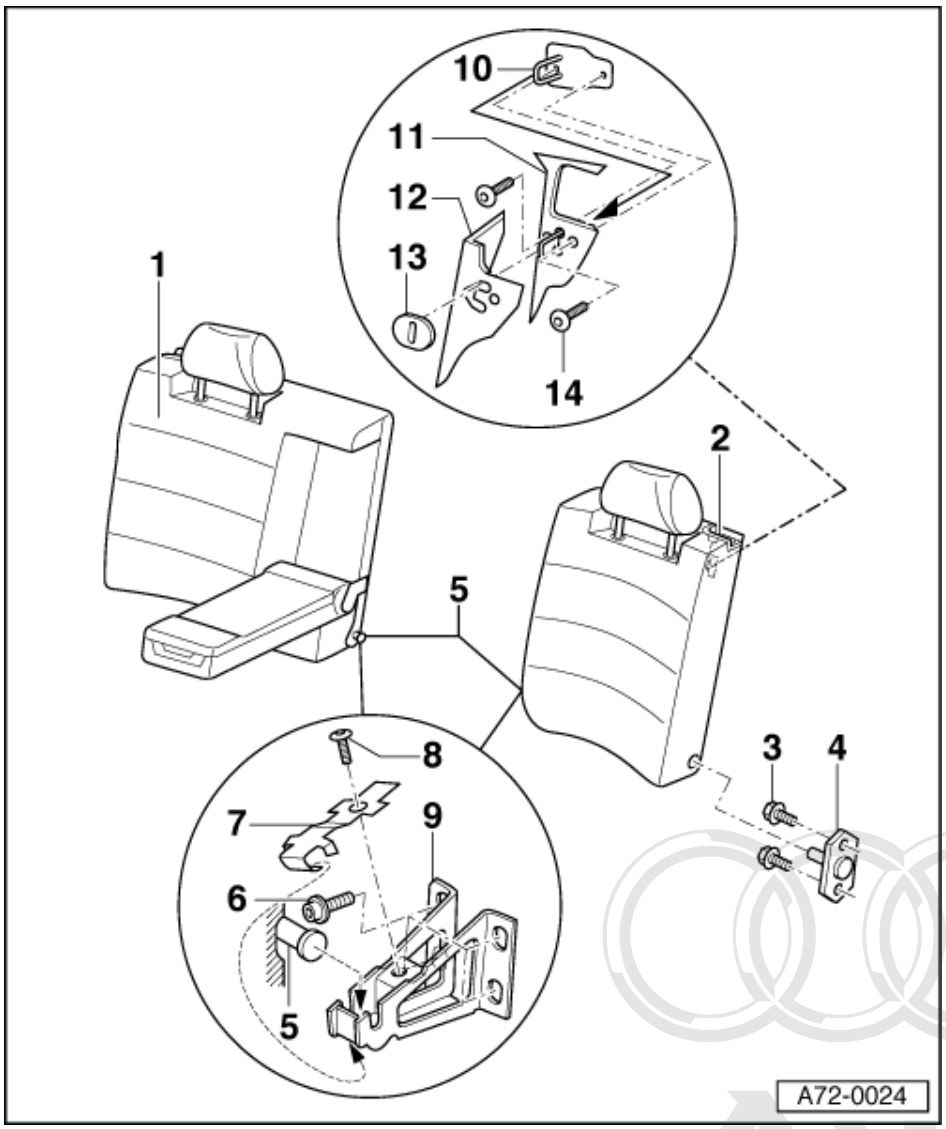
- ◆ As 2/3 backrest.

3 Bolt (2x)

- - Tightening torque 16 Nm

4 Fitting

5 Guide for backrest



6 Bolt (4x)
- Tightening torque 16 Nm

7 Centre support bracket

8 Bolt
- Tightening torque 12 Nm

9 Centre support bracket

10 Catch

11 Back panel

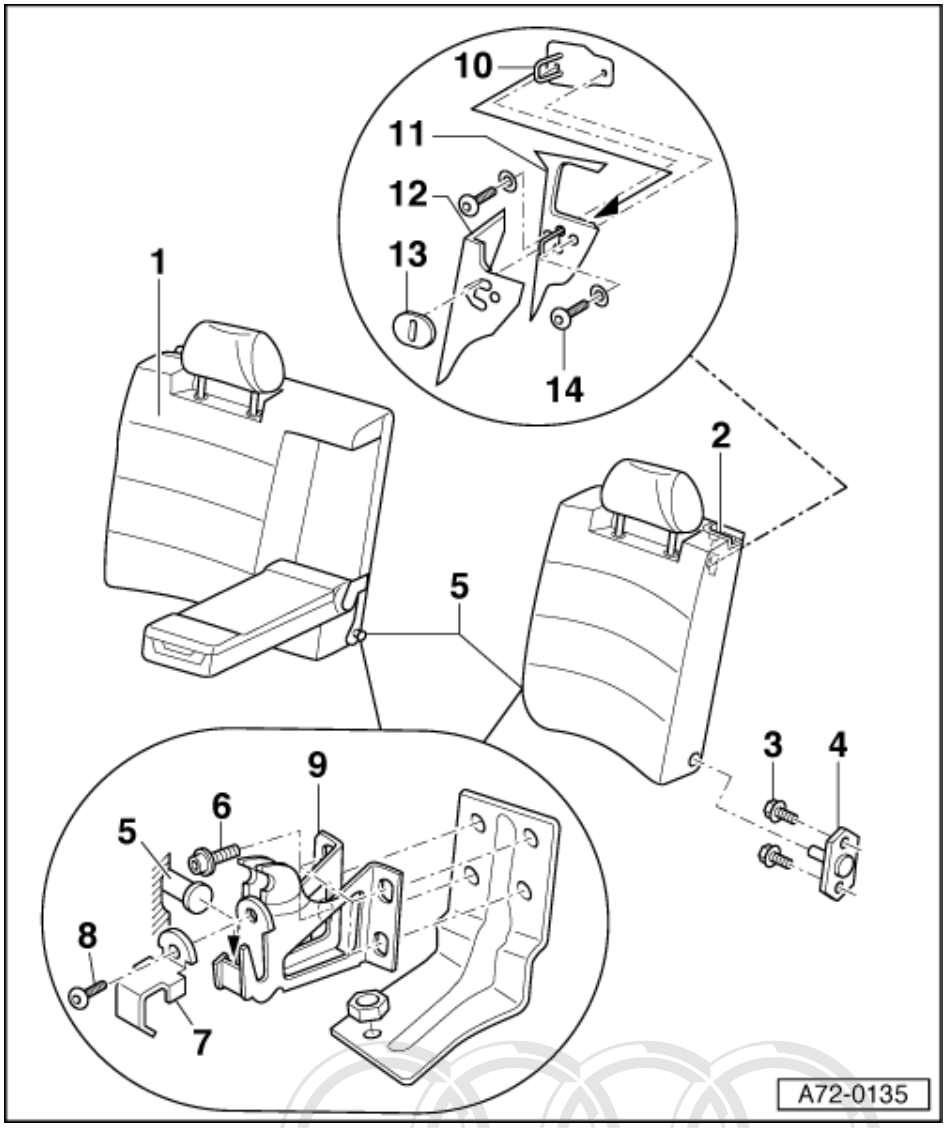
12 Luggage compartment trim

13 Shim plate

14 Bolt
- Tightening torque 8 Nm

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3.5 - Removing and installing split backrest (Avant) > MY 1998



1 2/3 backrest

- ◆ Removing:
- - Unscrew bolt -8- and remove clip for centre support bracket -7-.
- - Lift backrest out of centre support bracket -9- and pull out of fitting -4- towards centre of vehicle.
- ◆ Installing:
- - Install in reverse order.

2 1/3 backrest

- ◆ As 2/3 backrest.

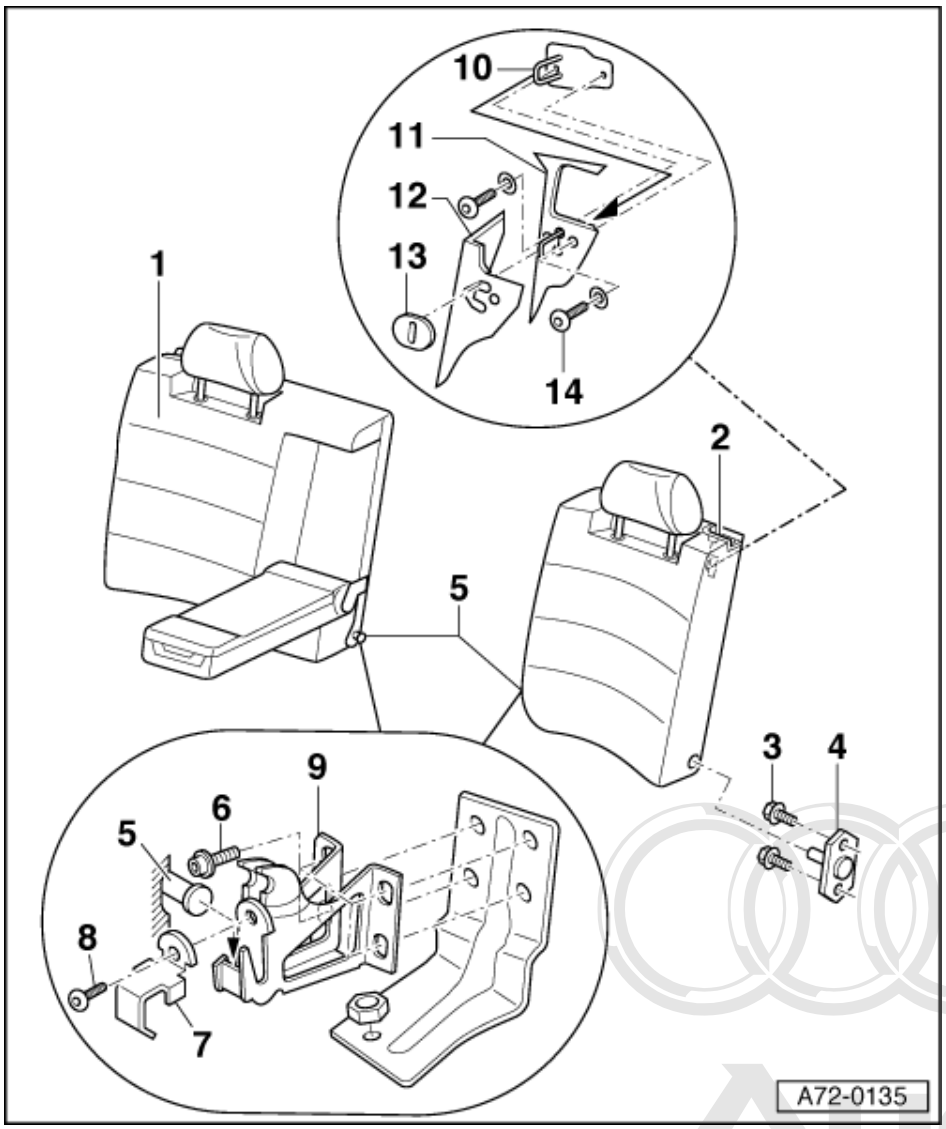
3 Bolt (2x)

- - Tightening torque 16 Nm

4 Fitting

5 Guide for backrest

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6 Bolt (4x)
- Tightening torque 16 Nm

7 Centre support bracket

8 Bolt
- Tightening torque 12 Nm

9 Centre support bracket

10 Catch

11 Back panel

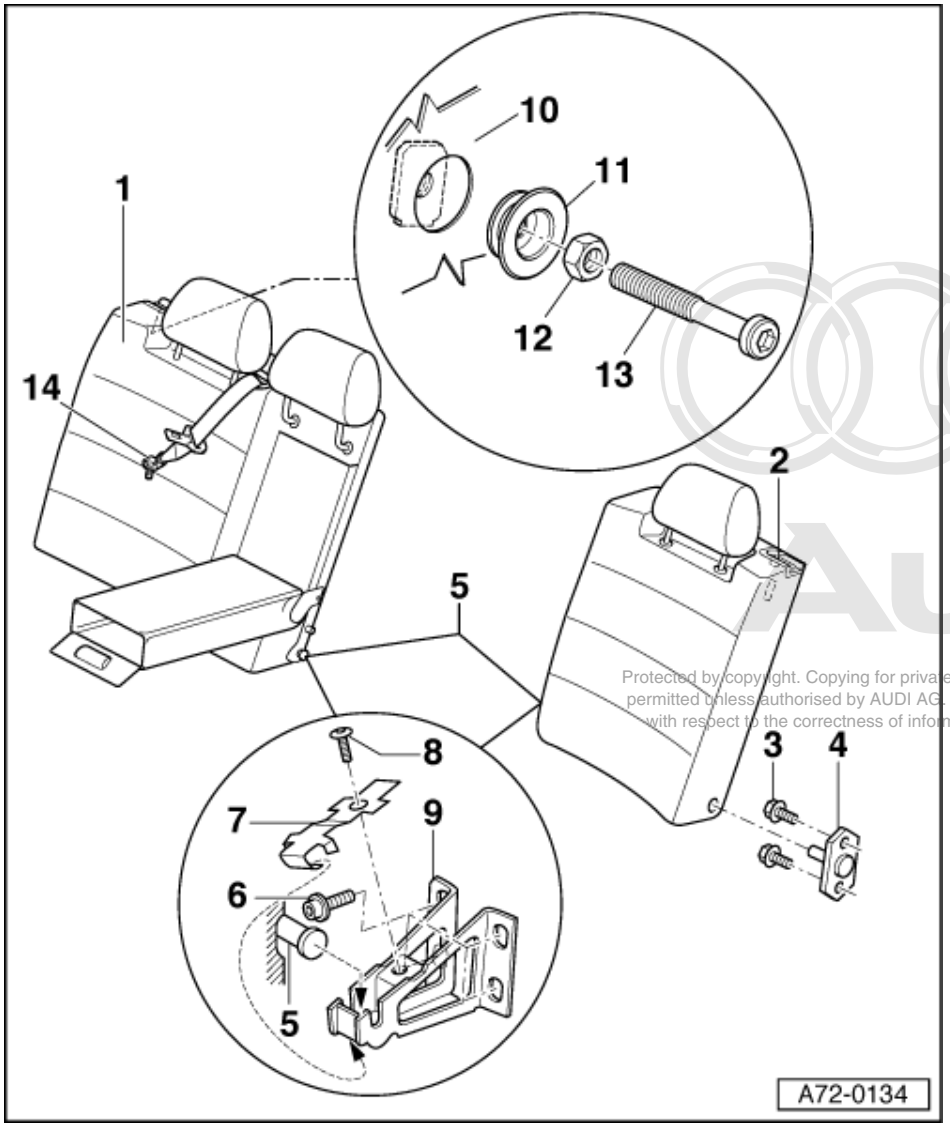
12 Luggage compartment trim

13 Shim plate

14 Bolt
- Tightening torque 8 Nm

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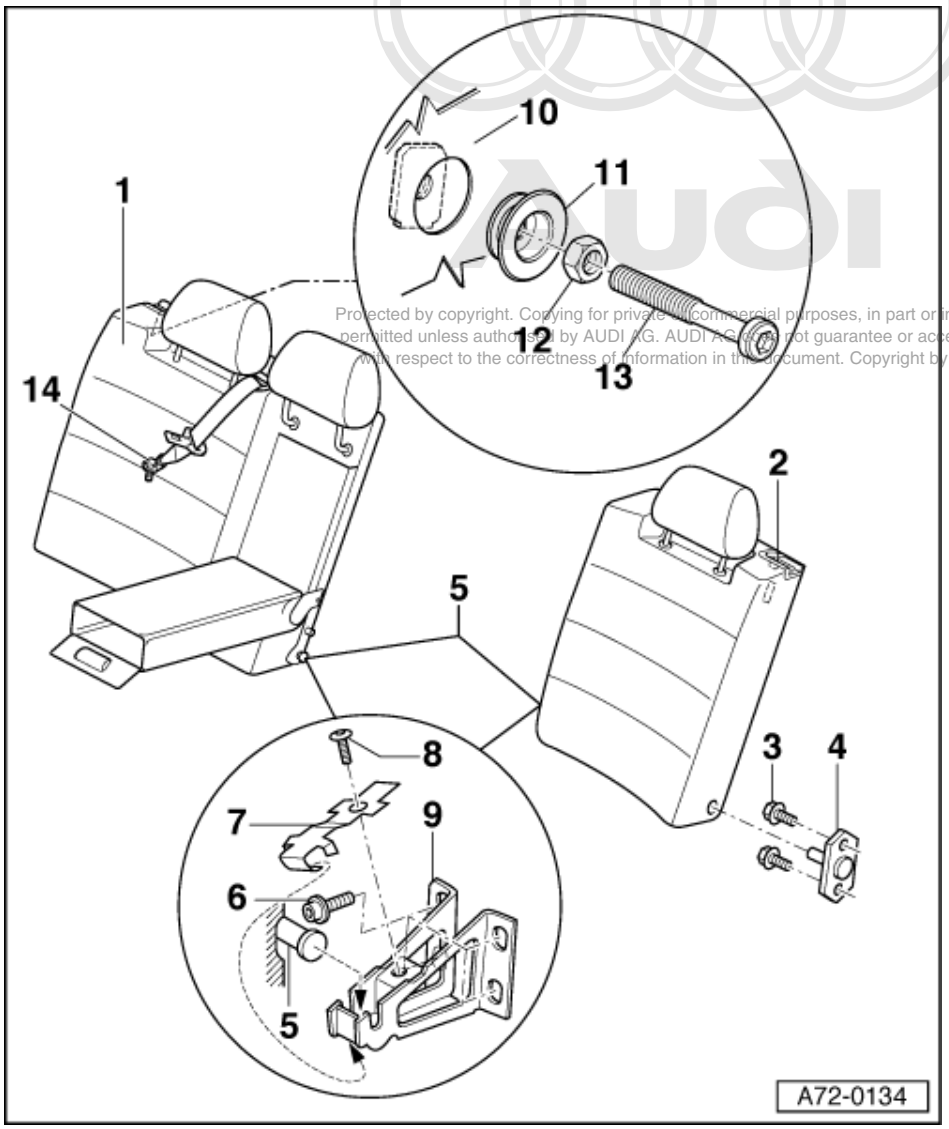
3.6 - Removing and installing split backrest (Avant) MY 1998 ä



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1 2/3 backrest

- ◆ Removing:
- Remove rear bench seat => Page 309
- Detach connector from belt tensioner =>Fig.: 1
- Unscrew bolt -14-.
- Unscrew bolt -8- and remove clip for centre support bracket -7-.
- Lift backrest out of centre support bracket -9- and pull out of fitting -4- towards centre of vehicle.
- ◆ Installing:
- Install in reverse order.



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2 1/3 backrest

- Unscrew bolt -8- and remove clip for centre support bracket -7-.
- Lift backrest out of centre support bracket -9- and pull out of fitting -4- towards centre of vehicle.

3 Bolt (2x)

- Tightening torque 16 Nm

4 Fitting

5 Guide for backrest

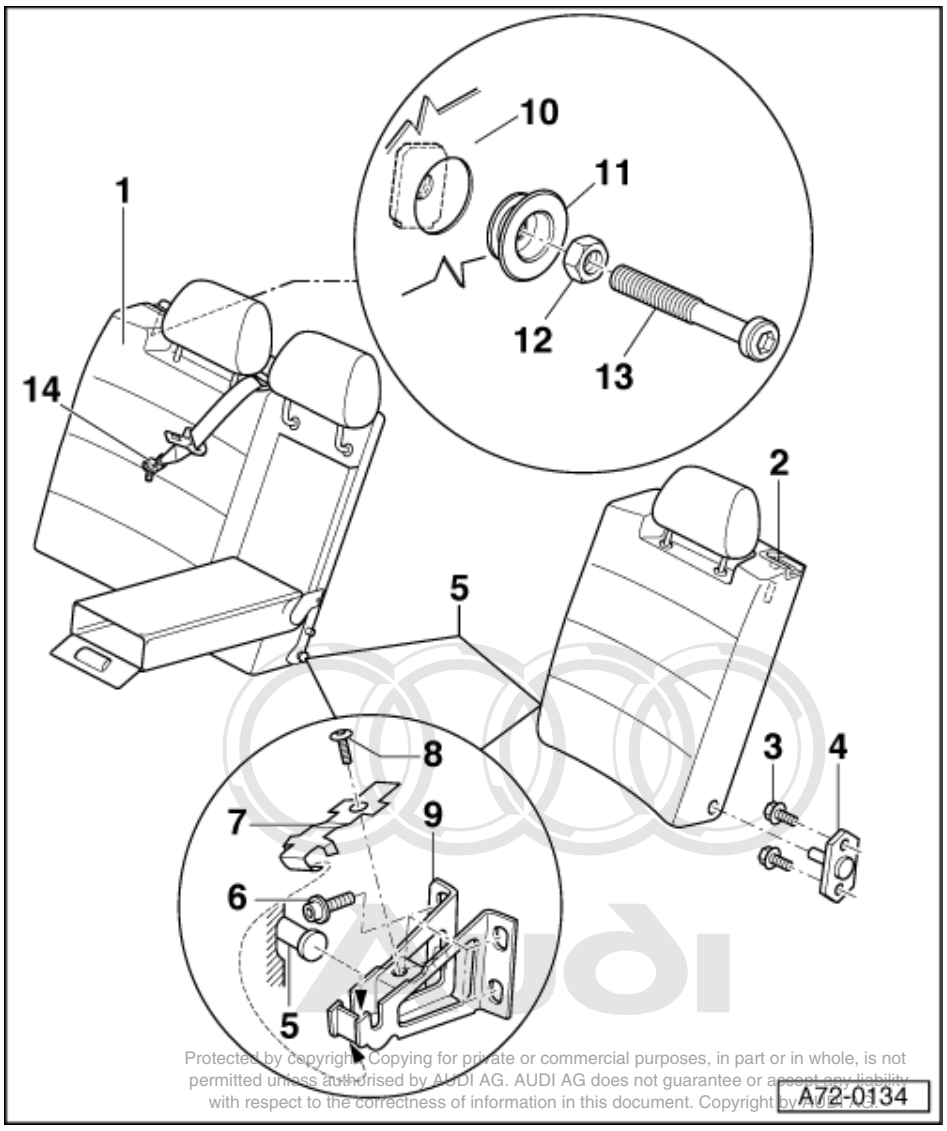
6 Bolt (4x)

- Tightening torque 16 Nm

7 Centre support bracket

8 Bolt

- Tightening torque 8 Nm



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9 Centre support bracket

10 Luggage compartment side trim

11 Disc washer

12 Nut

- Tightening torque 55 Nm

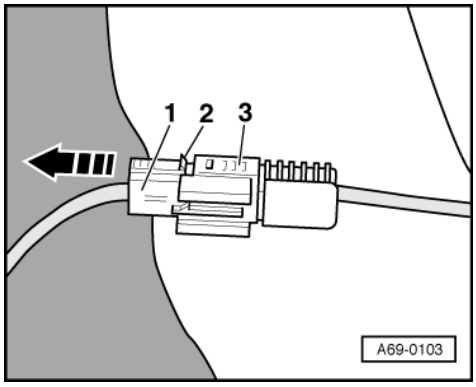
13 Striker pin

- Screw in pin hand tighten and adjust after fitting backrest.

14 Bolt (1x)

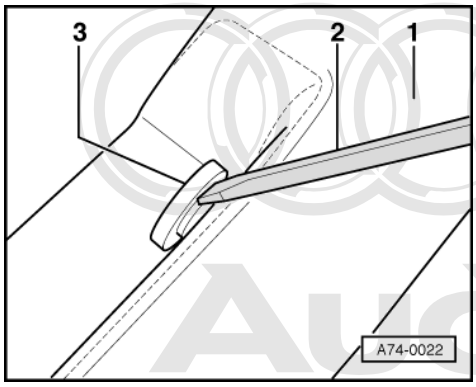
- Tightening torque 55 Nm

Fig.:1 Detaching cable connector to belt tensioner



- -> Press in retaining tab -2- and pull out connector -1- in direction of arrow.

3.7 - Removing and installing head restraint guide (fixed backrest)



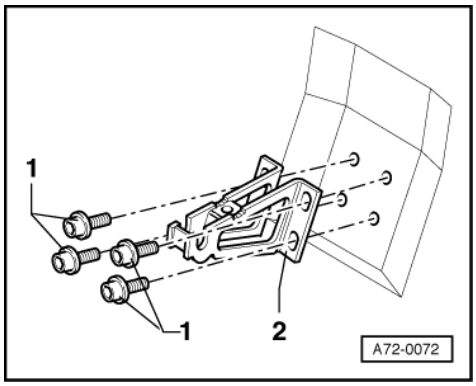
- -> Use screwdriver -2- to carefully lever head restraint guide -3- out of backrest -1-.

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Note:

Note: Take care not to damage seat fabric when prising out head restraint guide.

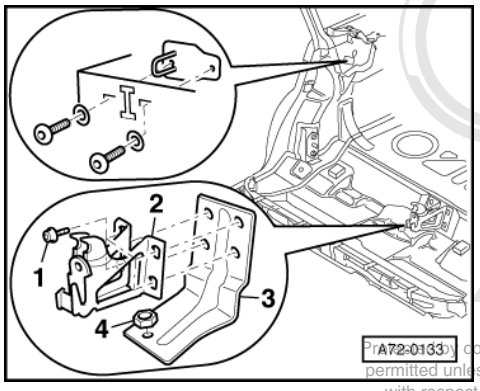
3.8 - Removing and installing centre support bracket (Saloon and Avant) MY 1998 ä



- Remove left and right backrest (Saloon) => Page 312
- Remove left and right backrest (Avant) => Page 316
- -> Unscrew bolts -1- (4x) from centre support bracket -2-.

- Tightening torque 16 Nm

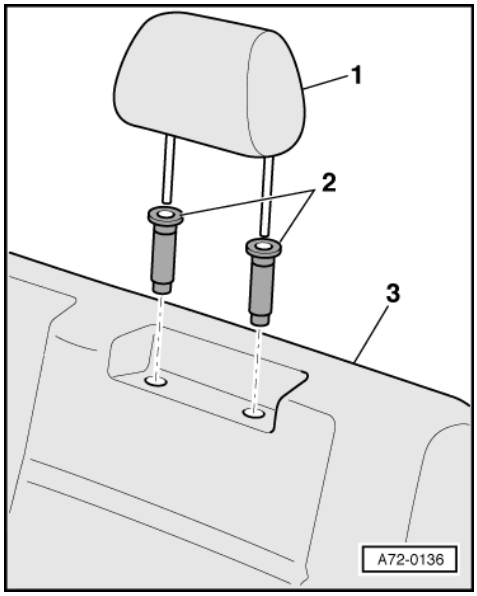
3.9 - Removing and installing centre support bracket (Avant) > MY 1998



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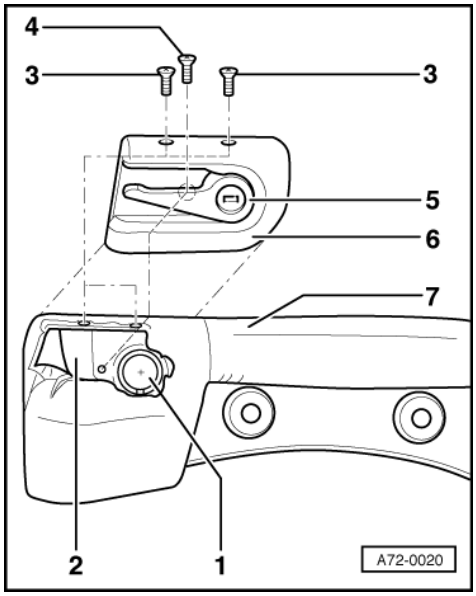
- Remove left and rear seat backrest => Page 314
- -> Unscrew bolts -1- (4x) from centre support bracket -2-.
- Tightening torque 16 Nm
- Reinforcement for centre support bracket -3- with FWD only.
- Nut -4- tightening torque 5 Nm

3.10 - Removing and installing head restraint



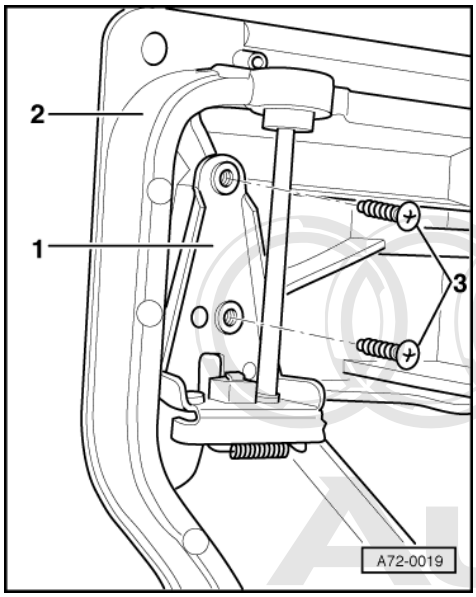
- -> Press button on left head restraint guide -2-.
- Pull head restraint -1- upwards out of backrest -3-.

3.11 - Removing and installing lock for split backrest (Saloon and Avant) > MY 1998



- -> Remove screws -3- (2x).
- Press back actuating lever -5- and unscrew bolt -4-.
- Remove lock -6- from backrest -2-.
- On installing lock -6- actuating lever -5- must engage in groove in release mechanism -1-.

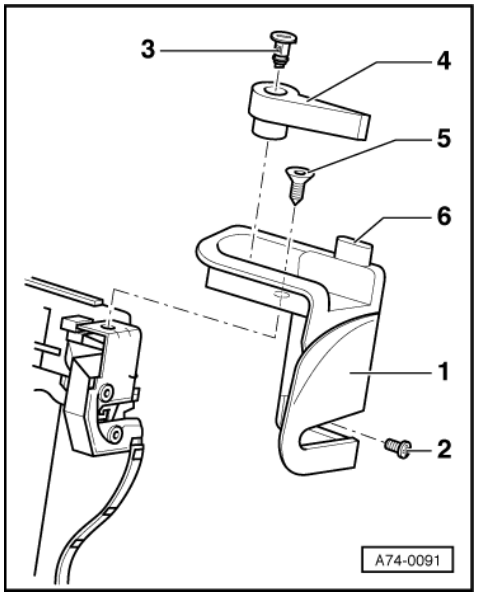
- Detach upholstery from backrest in area of lock.



- -> Remove screws -3- (2x).
- Remove release mechanism -1- downwards from backrest.

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3.12 - Removing and installing lock for split backrest (Avant) MY 1998 ä



Removing lock trim

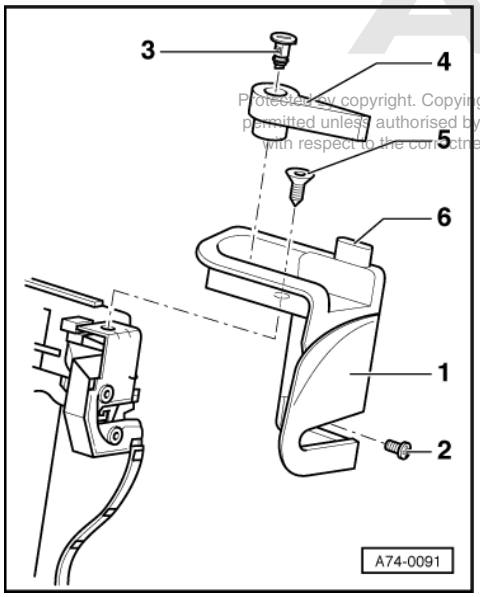
- -> Unscrew bolt -2-.
- Tightening torque 1.5 Nm
- Unscrew bolt -5-.
- Tightening torque 5 Nm
- Remove lock trim -1- upwards.

Removing lock lever

- Lock trim removed.

- Disengage lock lever -4- from underneath at retaining hooks (2x).
- Use screwdriver to lever out lock lever -4-.

Removing lock cylinder



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- -> Ignition key must be used for removing and installing lock cylinder -3-.

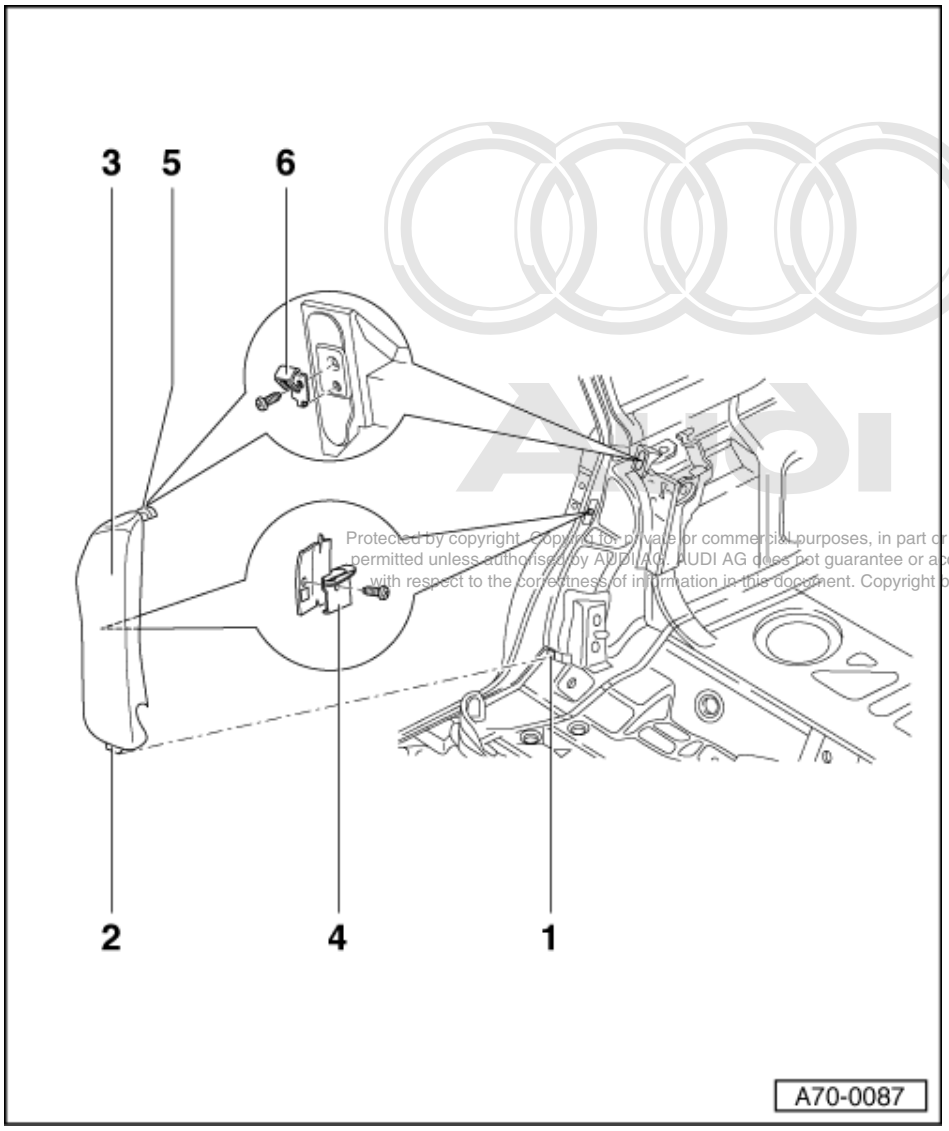
- Lock lever -4- removed.

- Use screwdriver to lever out retaining tabs and at the same time press out lock cylinder -3-.

Warning indicator

- When backrest is locked pin -6- protrudes 1 - 2 mm above lock trim.
- When backrest is not locked, pin -6- protrudes approx. 20 mm above lock trim -1- and red mark is visible.

3.13 - Removing and installing side padding



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1 Metal tab

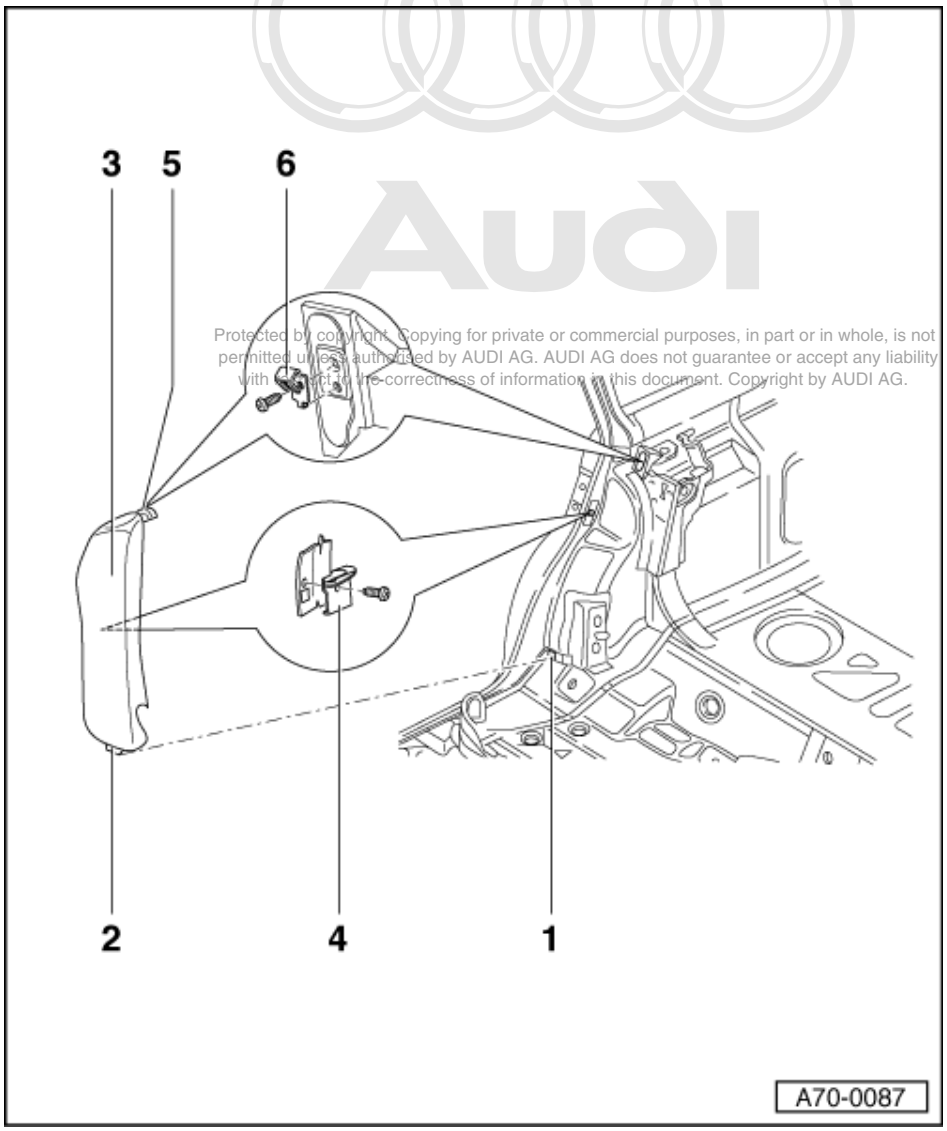
- Remove rear seat bench => Page 309
- Fold backrest forward.
- Bend open metal tab -1- and disengage clip -2-.

2 Bracket

3 Side padding

4 Hook

- Disengage side padding from hook.



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5 Bracket

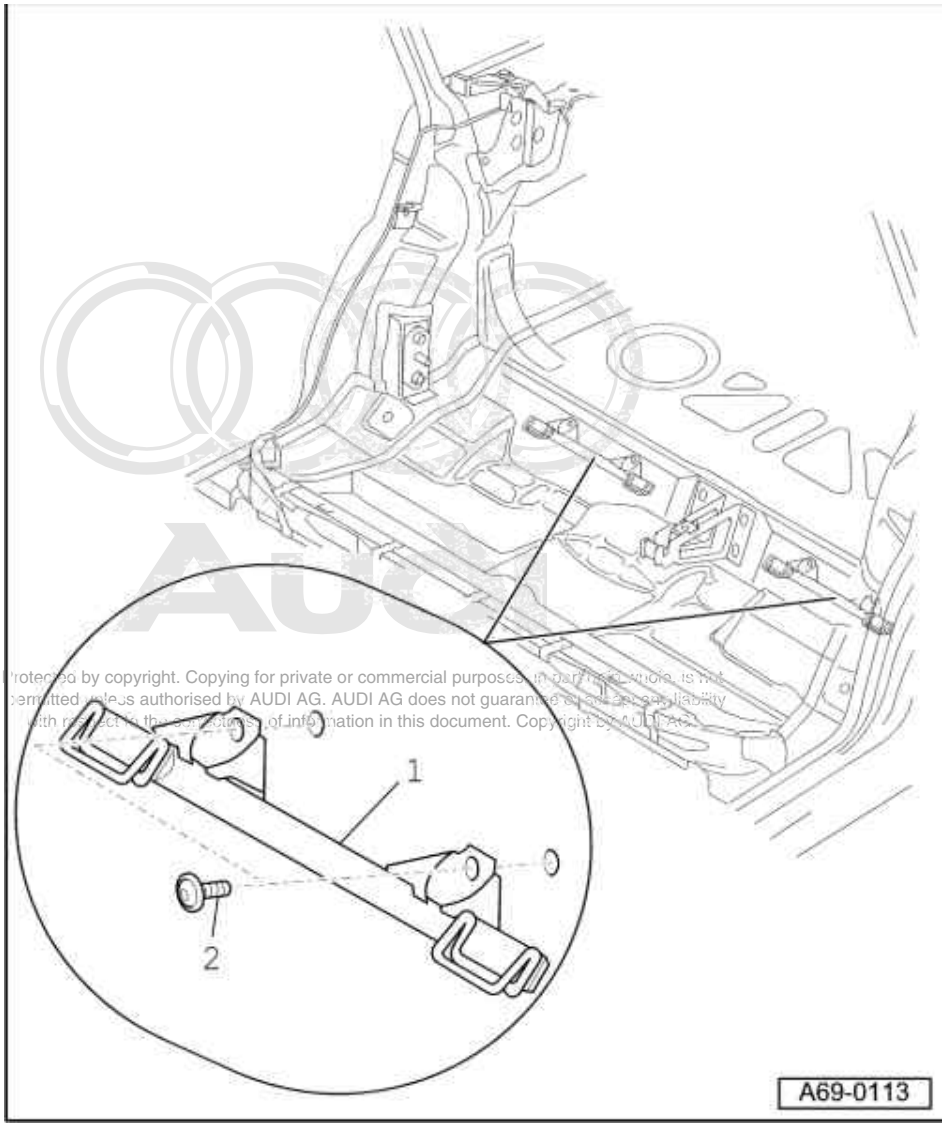
6 Mounting

- Press side padding to rear at top and disengage clip upwards from fastener.

Note:

On installation of side padding ensure bracket -5- engages in retainer -6- and that side padding -3- engages at hook -4- at door flange.

3.14 - Removing and installing ISO FIX holder



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1 ISO FIX holder

- Remove rear seat bench => Page 309
- Unscrew bolts -2- (4x).

2 Bolts (4x)

- Tightening torque 30 Nm

Notes:

On installing fixed backrest slip tabs behind ISO FIX holders -1-.

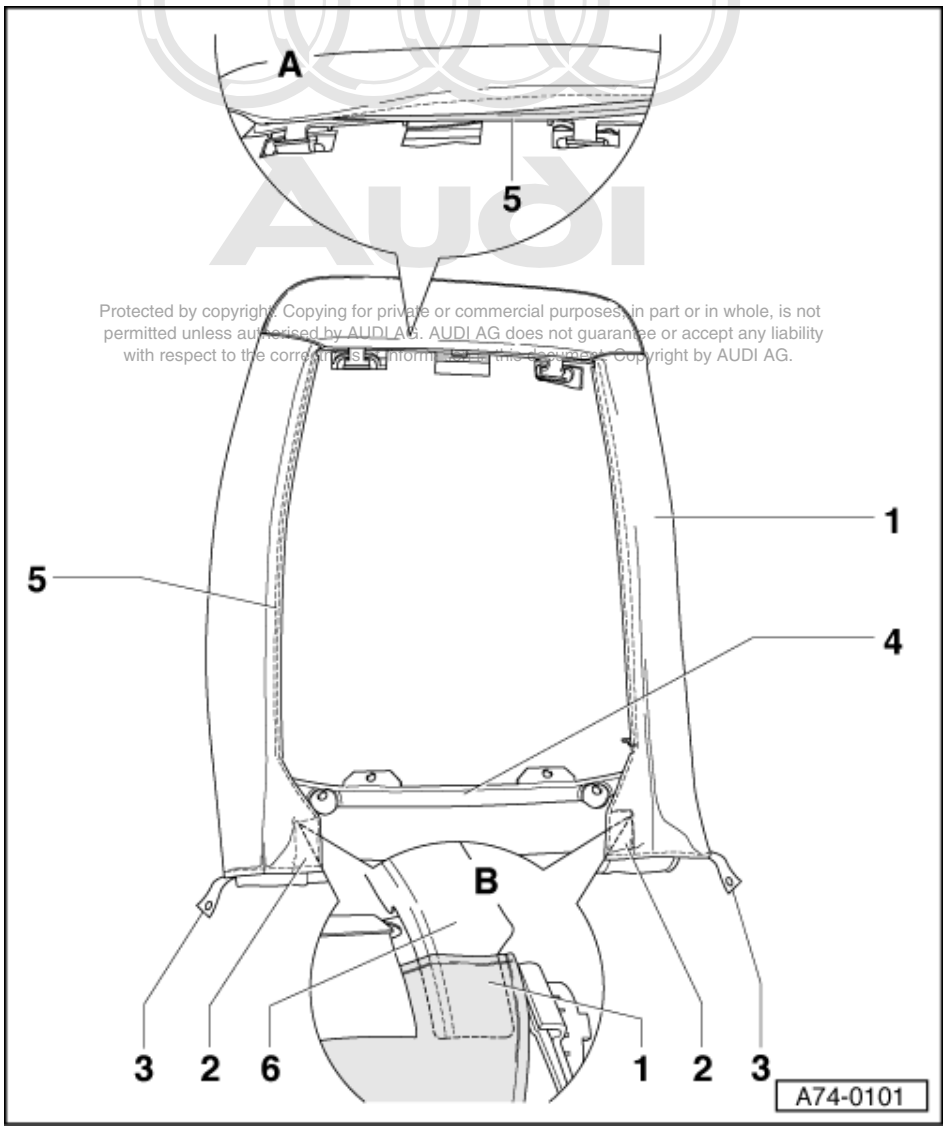
If ISO FIX is retrofitted tabs have to be flattened in a vice to approx. 3 mm, for certain vehicles.

When installing, observe clearance from lap belt with retractor; turn lap belt with retractor, if necessary.

74 - Seats - Upholstery, Covers

1 - Front seat covers and upholstery

1.1 - Front seat covers and upholstery



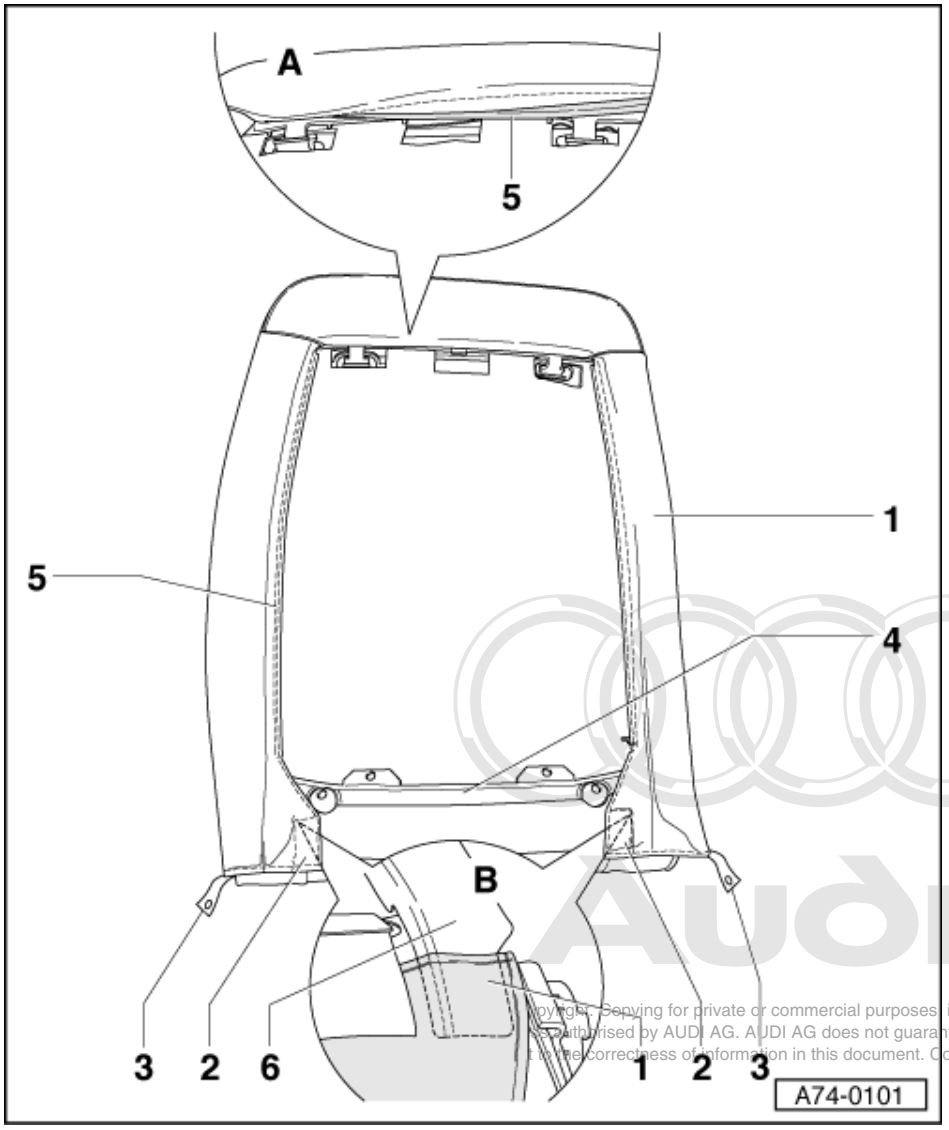
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1.2 - Removing and installing backrest cover

1 Seat cover

- Installing
  - Remove seat => Page 208
  - Remove backrest cover panel =>Page 72-41
  - Remove side panels => Page 72-51
  - Removing head restraint guides => Page 269
  - Detach fabric -1- with upholstery.

- Pinch off staples and detach cover.



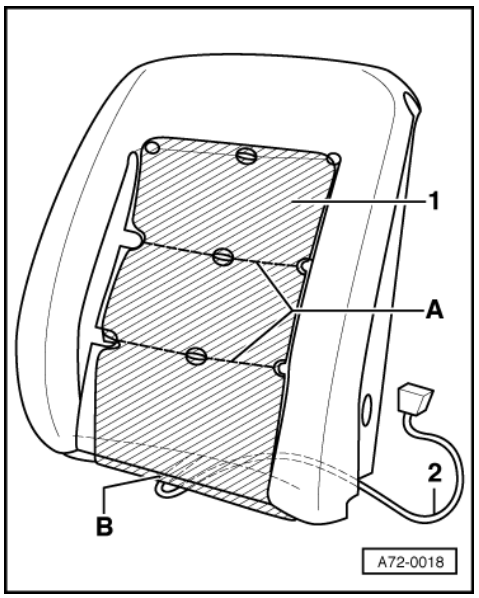
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◆ Installing
- When installing, ensure that the lower cover -1- lies over the side panels -6- (Illustration section -B-)
- When fitting the new staples, use the upholstery staple pliers V.A.G 1634.

2 Velcro fastenings (2x)
3 Rubber belts (2x)
4 Fastening strip
5 Beading
6 Surround

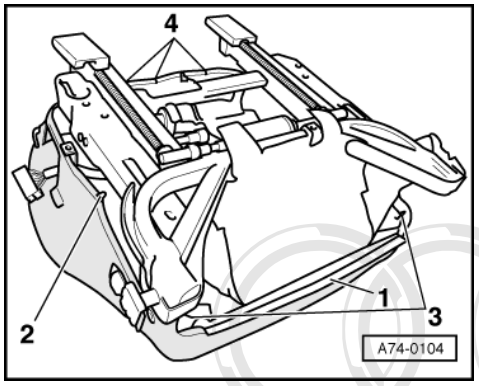
1.3 - Replacing seat back heater element

- Remove backrest cover => Page 326



- -> Cut through the electrical wiring of the old heating in Item -B- (with the corresponding fastener).
- Start bonding the new backrest heating element at the top.
- Bond new heating element -1- (hatched area) free of folds,onto old heating element.
- Insert the heating element into folds at Item -A-.
- Push the electric wiring -2- through the intended opening of the upholstery.

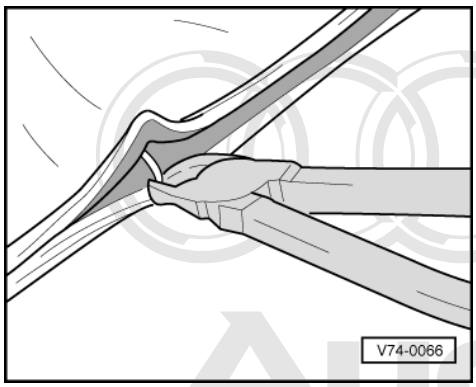
1.4 - Removing and installing seat cover



◆ Removing

- Remove backrest =>Page 72-41
- -> Lever out fastening strip -1- from below.
- Bend open the metal tabs -2- (2x).
- Open cable ties -3- (2x).
- Cut through staples -4- (3x).
- Move cover aside.
- Pinch off staples between the cover and upholstery and detach cover.

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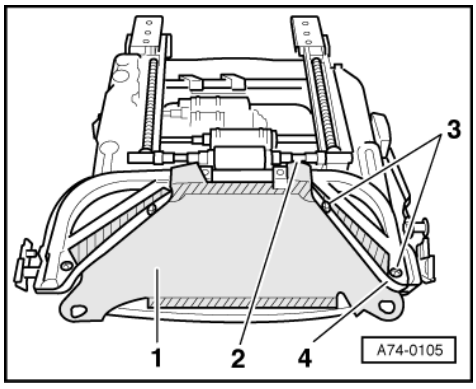


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◆ Installing

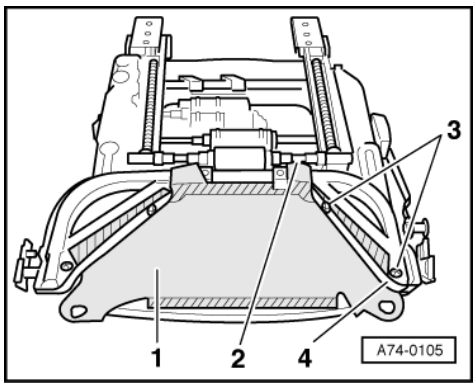
- When fitting the new staples, use the upholstery staple pliers V.A.G 1634.

1.5 - Removing and installing footwell trim for seat frame



◆ Removing

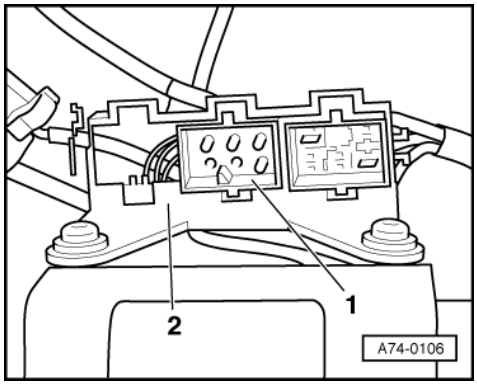
- Remove seat =>Page 208
- Remove backrest =>Page 72-41
- -> Lever off the footwell trim -1- over the drifts -2- (2x).
- Remove the footwell trim -1- from the seat frame.



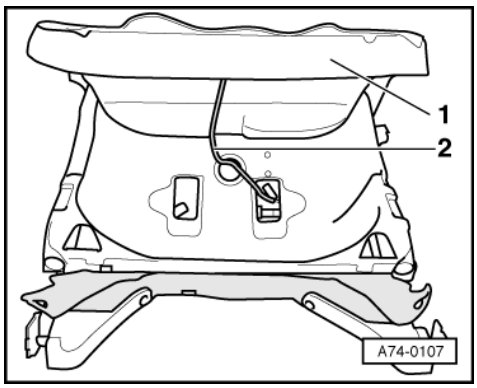
◆ Installing

- -> Unscrew the screws -3- (4x) and remove the trims -4- (2x).
- Bond the footwell trim -1- on the hatched area with all purpose glue D 001 200.
- Secure trims -4- (2x) with bolts -3- (4x).

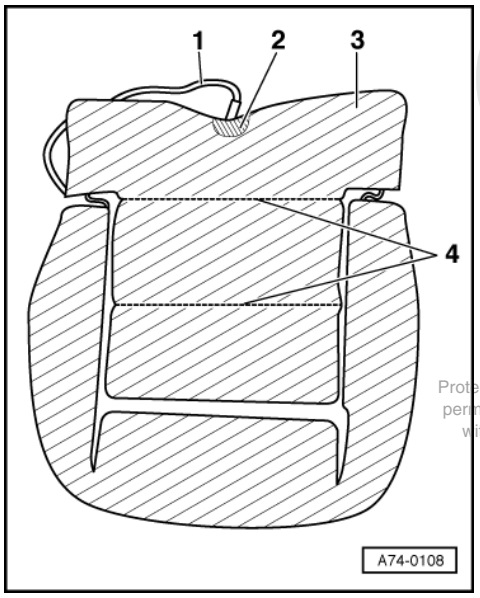
1.6 - Replacing seat heater element



- -> Remove seat cover => Page 328
- Unplug the green connector under the front of the seat -1- at the connector holder -2-.



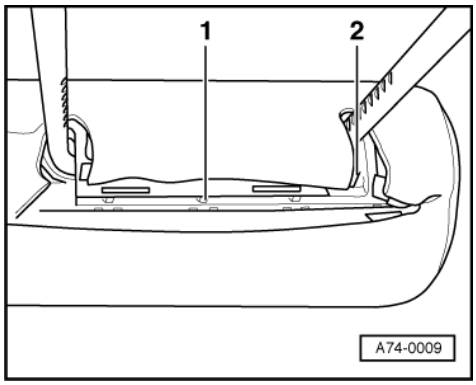
- -> Remove upholstery -1-.
- Pull out cable -2-.



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- -> Cut through the cable -1- of the old heating element and the corresponding retaining clips (area -2-).
- Bond new heating element -3- (hatched area) free of folds,onto old heating element.
- Begin with the rear label.
- Insert the heating element into folds at Item -4-.
- Push the wiring -1- through the intended opening.

1.7 - Removing and installing head restraint fabric and upholstery

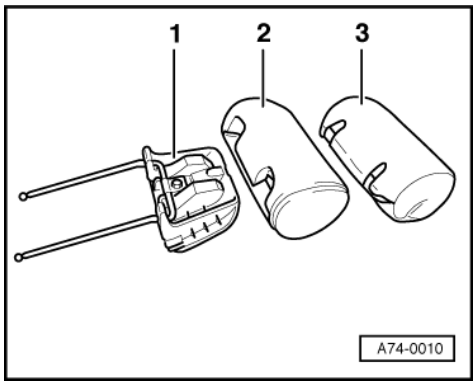


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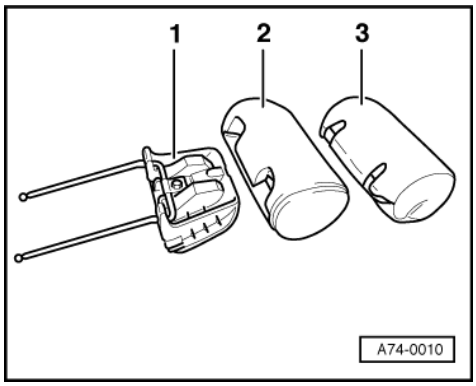
- Remove head restraint guides =>Page 269

◆ Removing

- -> Use screwdriver to press back fastening strips -2- from lugs -1-.
- Pull out fastening strips -2- (3x).



- -> Take head restraint backing plate -1- before upholstery -2-.
- Remove upholstery -2- in cover -3-.



- Installing

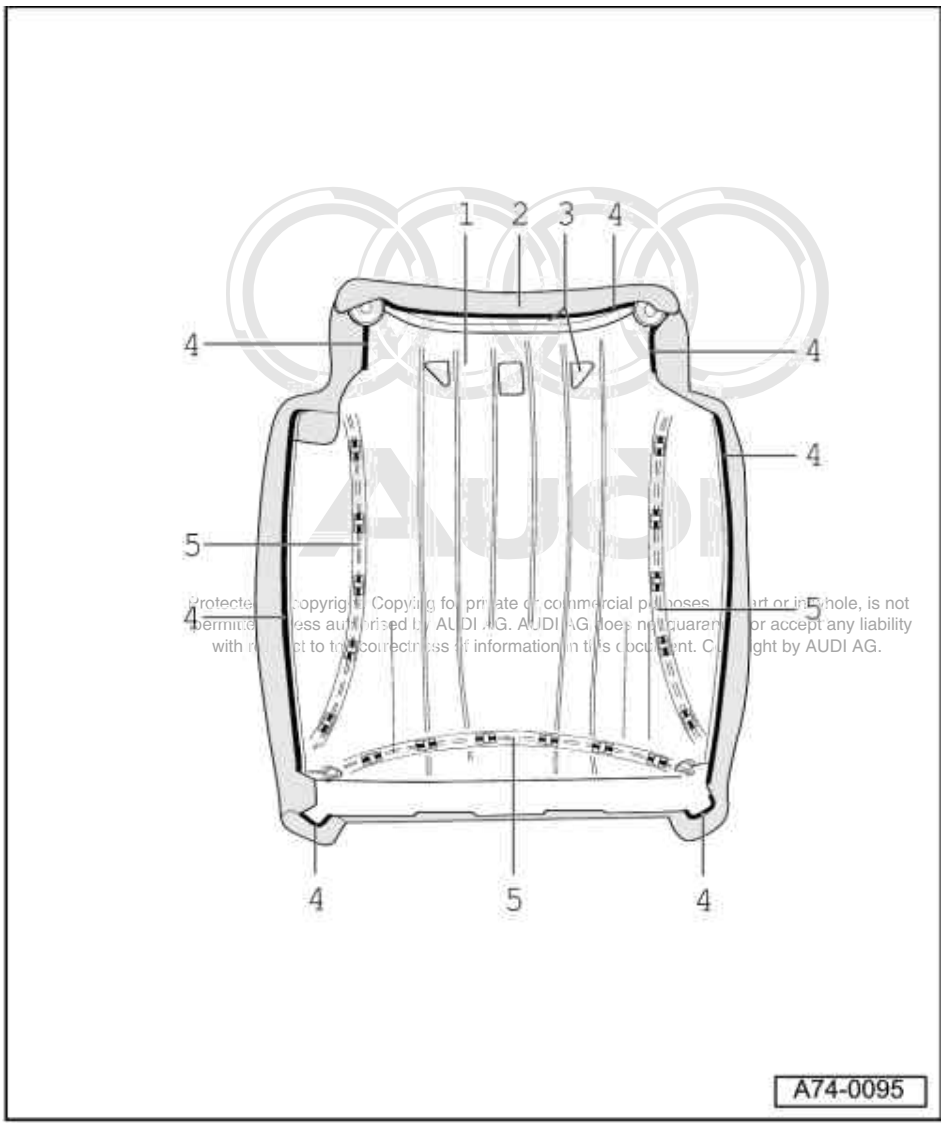
Note:

Seams of fabric -3- must be properly inserted in recesses in upholstery -2-.

- -> Insert upholstery -2- in cover -3-.
- Insert head restraint backing plate -1- into upholstery -2-.
- Press fastening strips firmly into guide slot (check by pulling).

2 - Covers and upholstery

2.1 - Covers and upholstery



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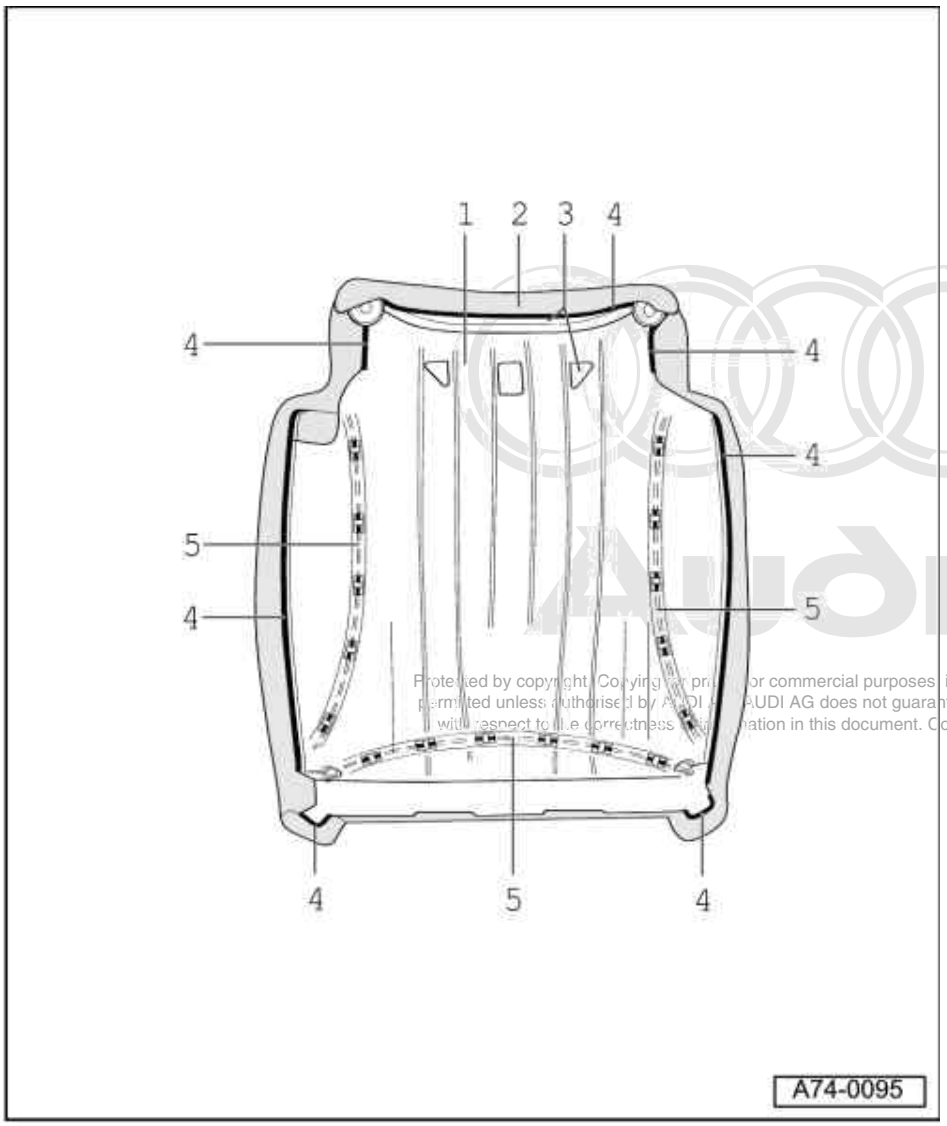
2.2 - Covers and upholstery Recaro seat

2.3 - 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.

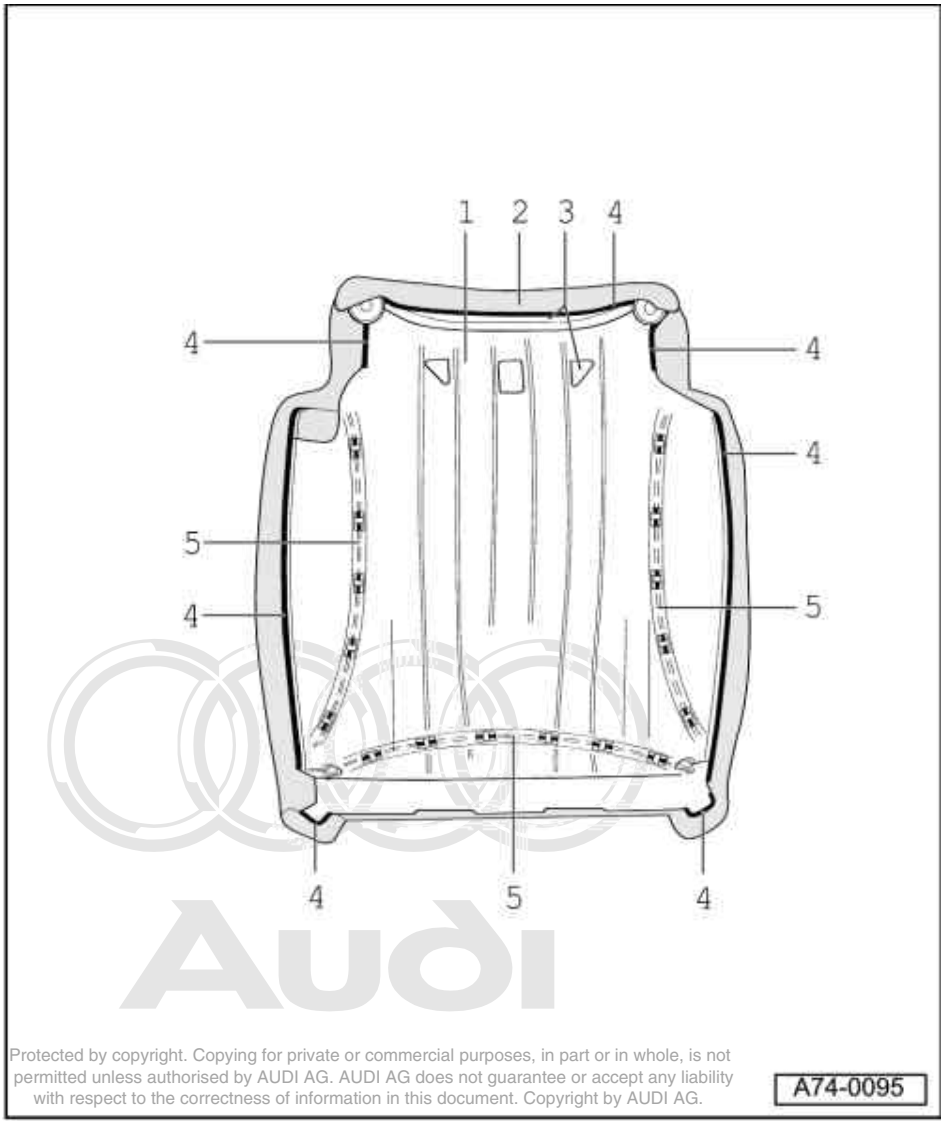
1 Seat shell
2 Seat cover



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- Removing
  - Raise seat as far as possible.
  - Remove seat => Page 270
  - Remove seat cushion => Page 277
  - Set down cushion such that underside of seat shell -1- is readily accessible.
  - If applicable, detach seat heating cables => Page 344
  - Pull fabric -2- out of the seven insertion slots -4- on outside of seat pan.
  - 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-.



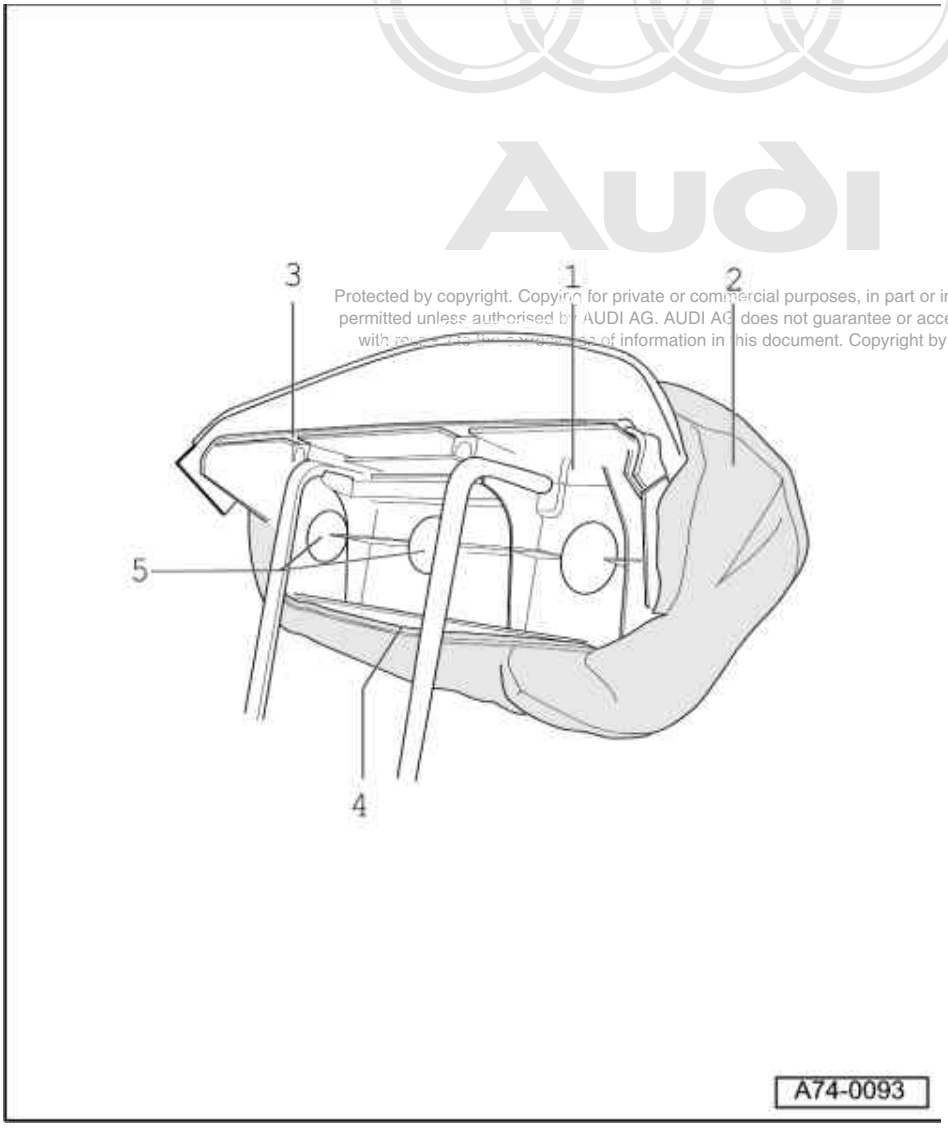
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A74-0095

◆ 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.

3 Padding
4 Insertion slots on outside of seat shell (7x)
5 Fastening hooks at seat shell

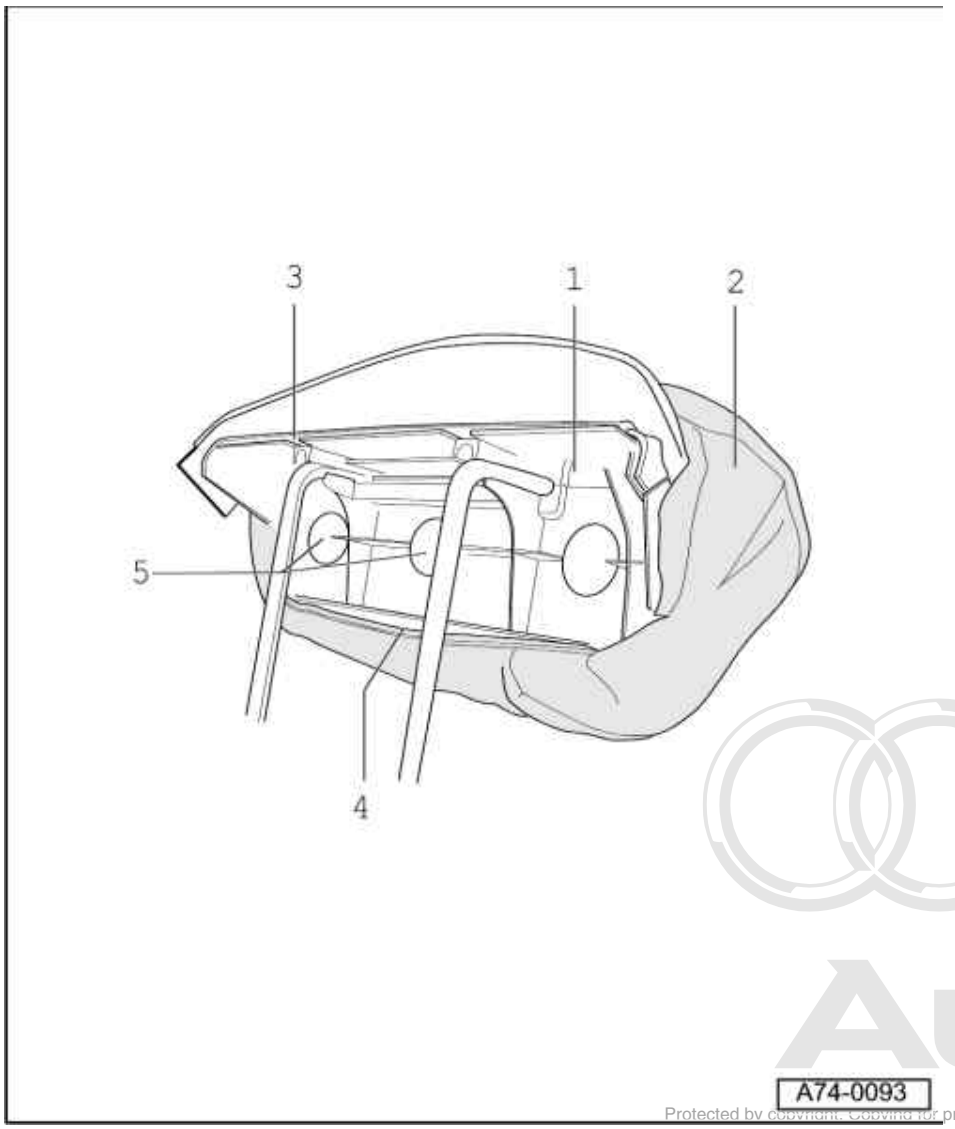
2.4 - Removing and installing fabric and upholstery for seat extension



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1 Seat extension
2 Seat cover

- Removing
  - Raise seat as far as possible.
  - Remove seat => Page 270 .
  - Remove seat extension =>Page 280
  - If applicable, detach seat heating cables => Page 346
  - Lever terminal strip -4- out of plug-in channel -3-.
  - Remove seat cover -2-.
  - Detach upholstery -5- from bracket of seat extension -1-.

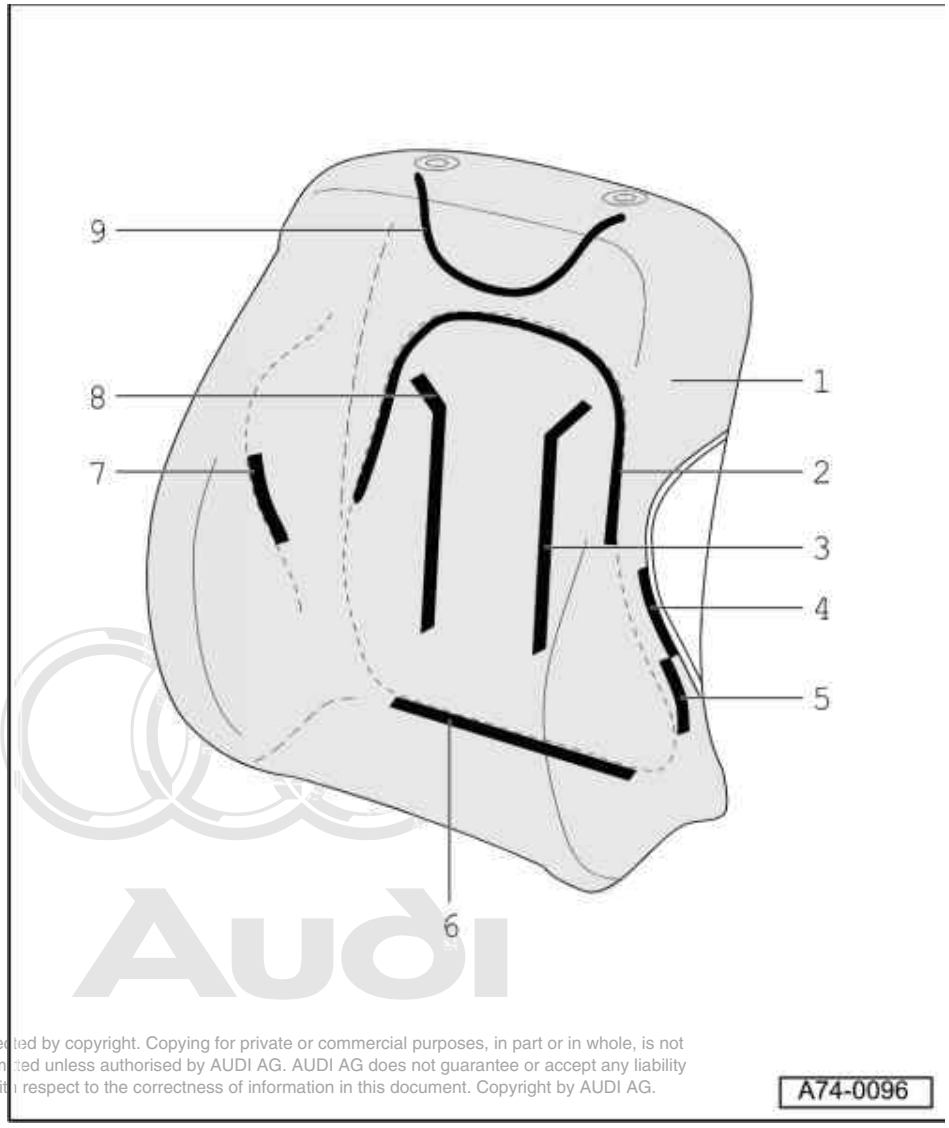


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- Installing
  - Fold edge of fabric with securing strip -4- inwards.
  - Press terminal strip -4- into plug-in channel -3-.

3 All-round insertion slot
4 Fastening strip at edge of fabric
5 Padding

2.5 - Removing and installing seat cover and upholstery

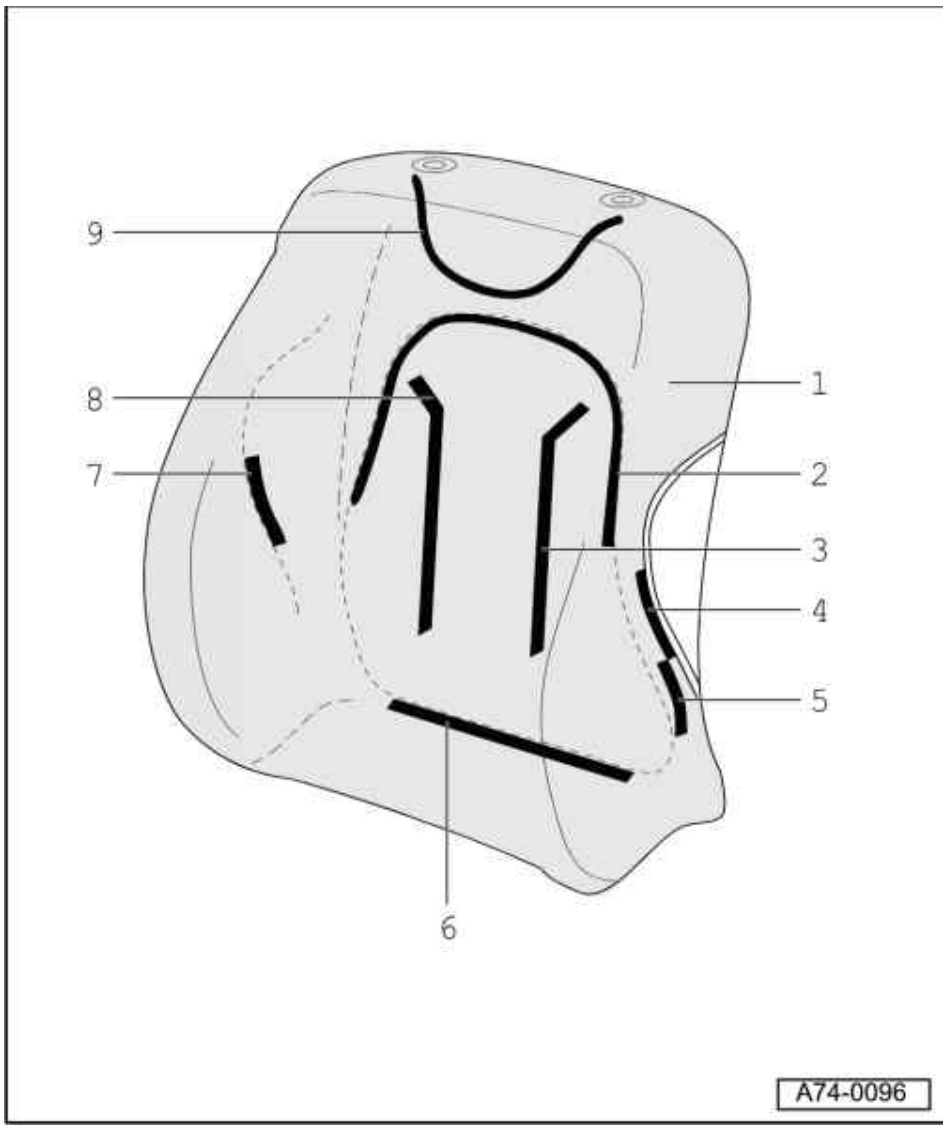


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Important
Observe safety precautions for side airbag.

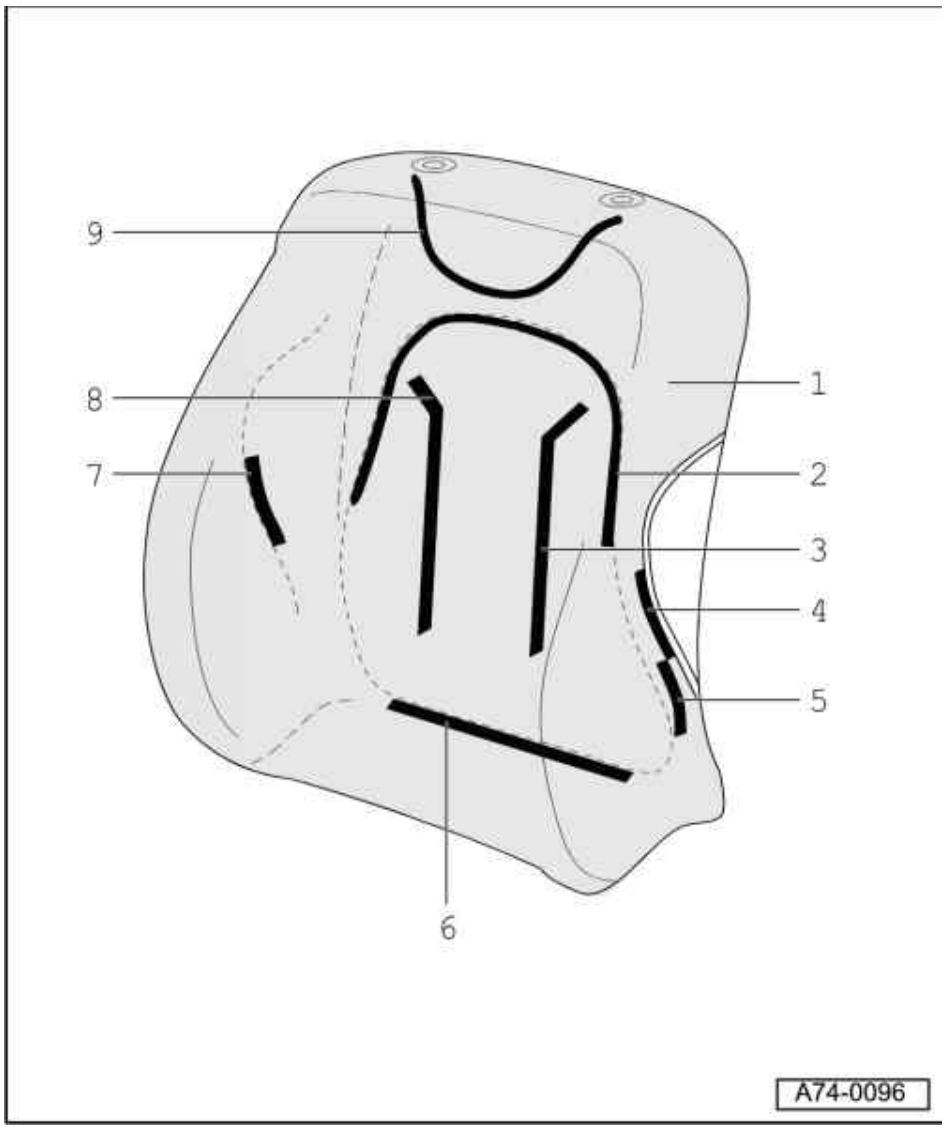
1 Seat cover

- Removing
  - Raise seat as far as possible.
  - Remove seat => Page 270
  - Remove backrest => Page 272
  - Remove head restraint=> Page 304
  - Remove side airbag => Page 98



- If applicable, detach seat heating cables => Page 348
- 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.

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- 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-.

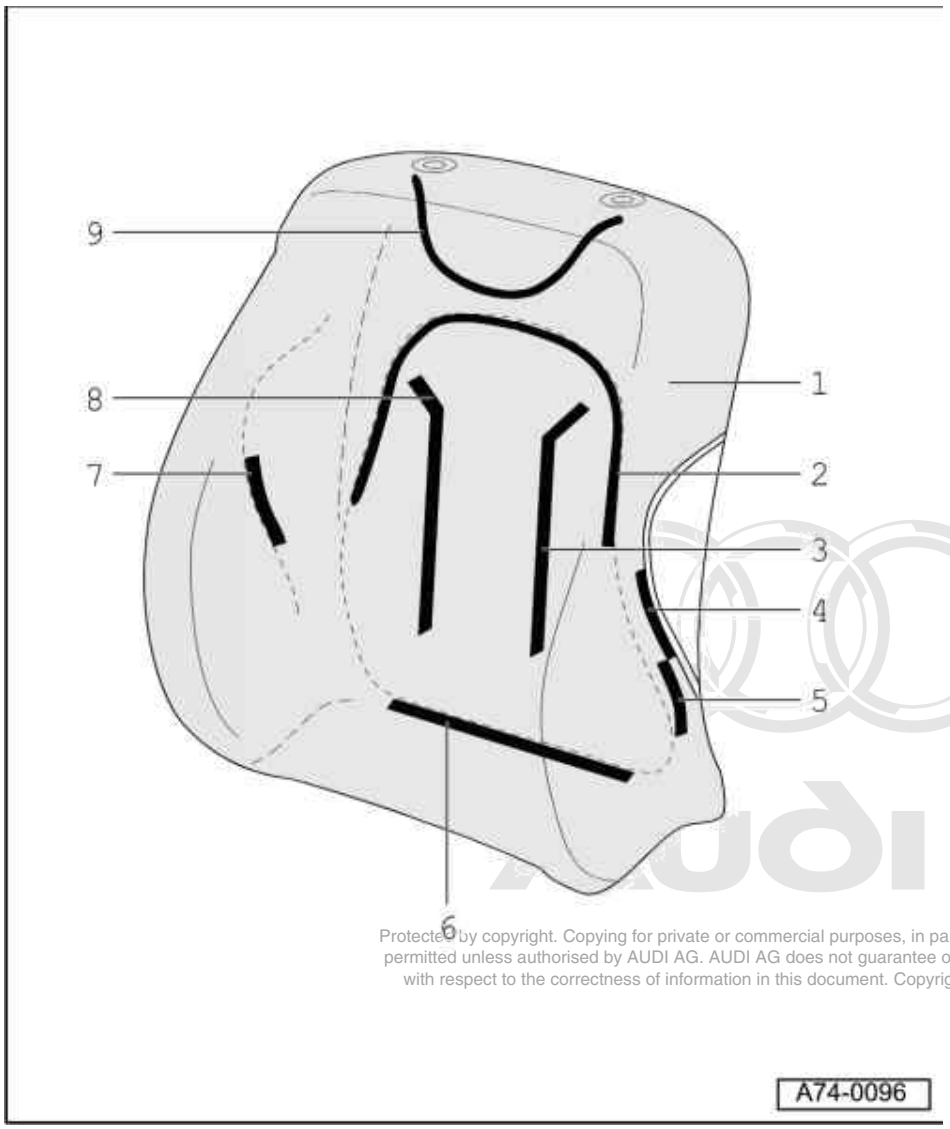
◆ Installing

Note:

The clips at the securing strips with which the fabric is attached to the backrest shell must be replaced when installing.

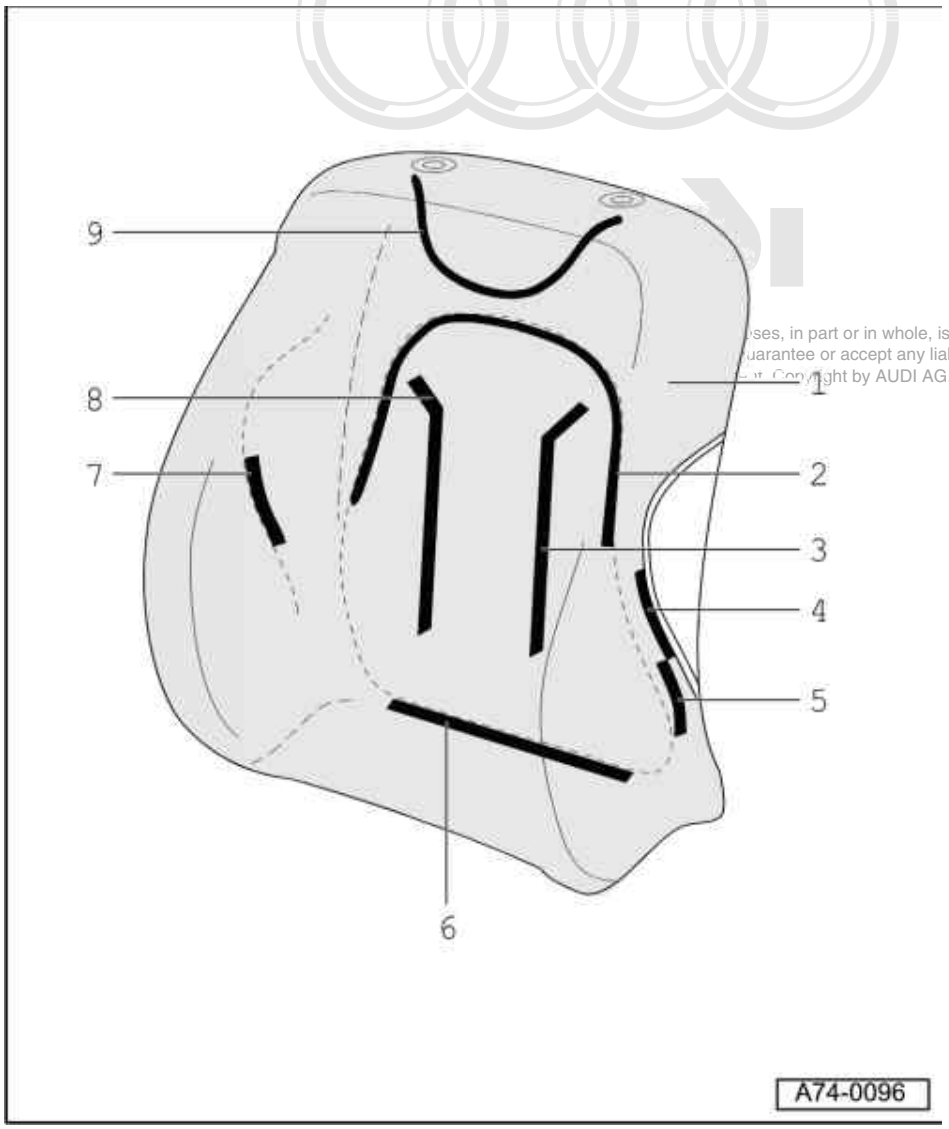
The eyelets with rings for the head restraint guide in the fabric must be replaced when installing.

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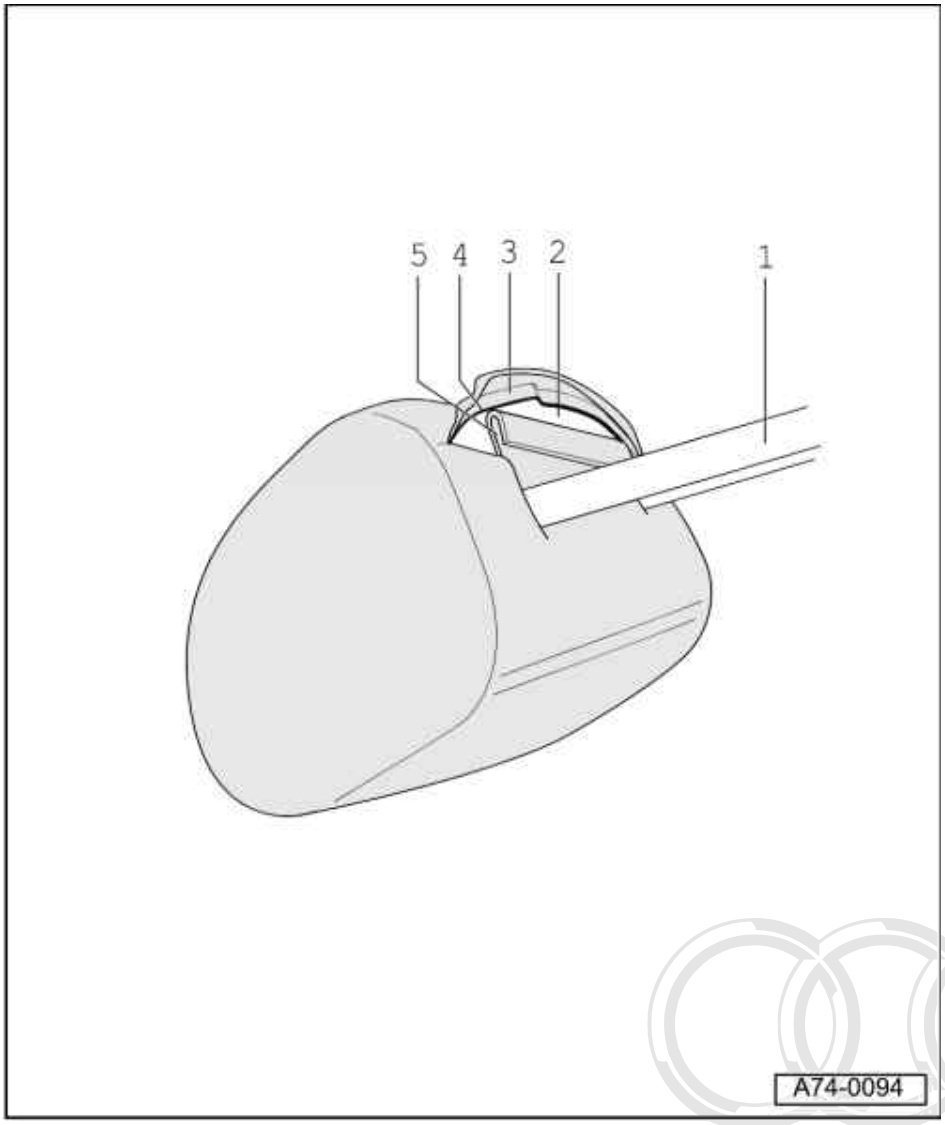
- Attach one clip to each end of lower securing strip for attachment to backrest shell.
- Attach one clip to each end of upper securing strip for attachment to backrest shell.
- Fit the remaining three clips at regular intervals along the upper securing strip.
- Fit eyelets with rings for head restraint guide such that they engage in holes in upholstery.



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2 Securing strip for fastening into backrest shell
3 Inner fastening strip (2x)
4 Securing strip in area of side airbag 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

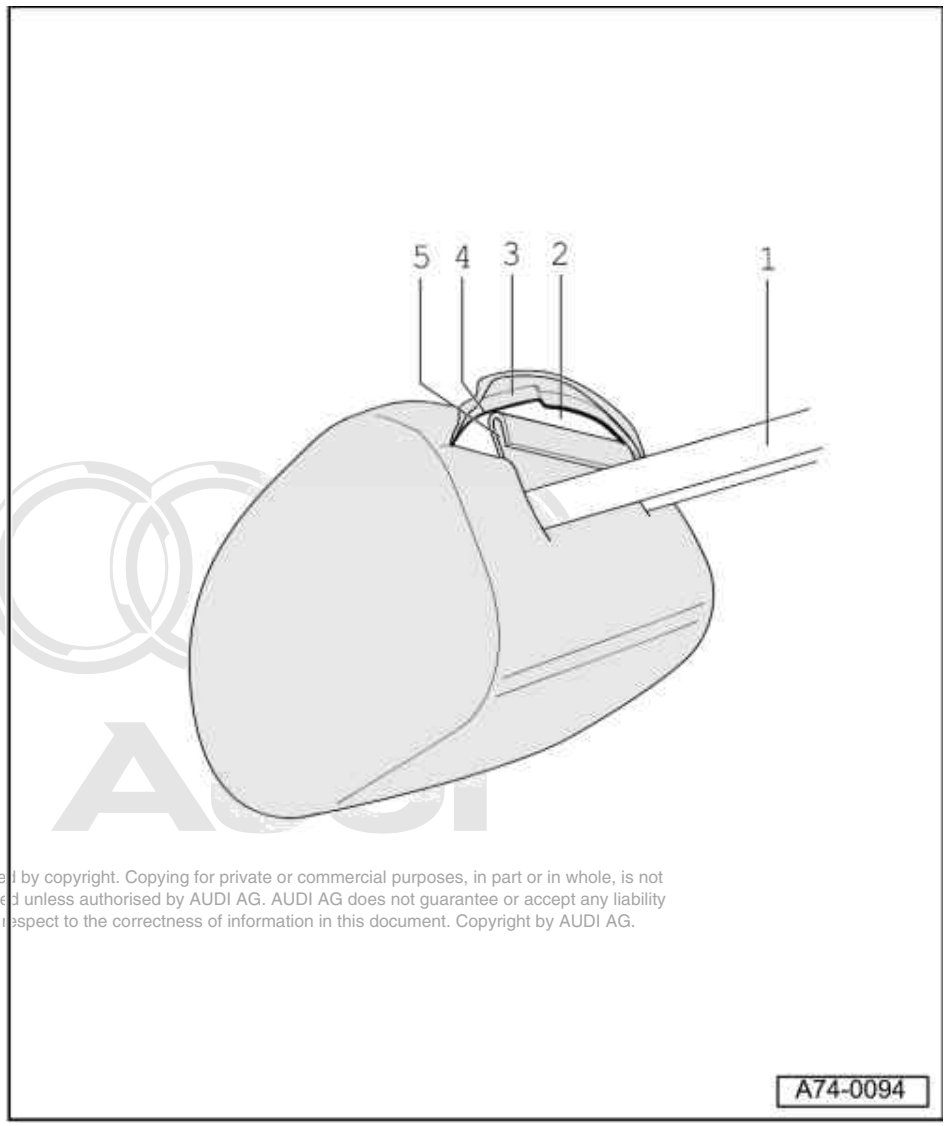
2.6 - Removing and installing head restraint fabric and upholstery



1 Head restraint bracket
2 Padding
3 Seat cover

- Removing
  - Remove head restraint => Page 304
  - 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-.

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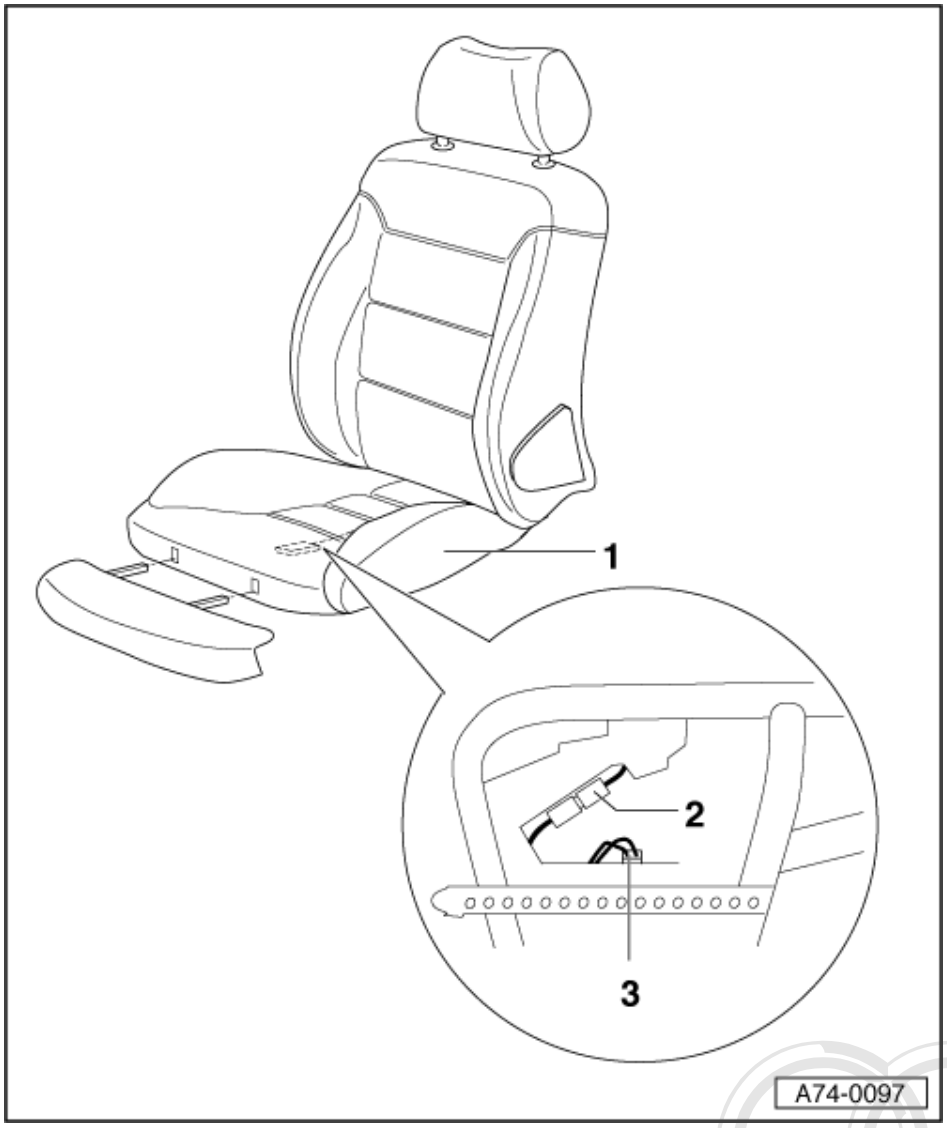
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- Installing
  - Position upholstery -2- correctly on head restraint bracket -1-.
  - Pull cover -3- completely over upholstery -2-.
  - Fold edge of upholstery with securing strip -4- inwards.
  - Press securing strip -4- into insertion slot -5- such that it engages.

4 Fastening strip at edge of fabric

5 Insertion slot at edge of fabric

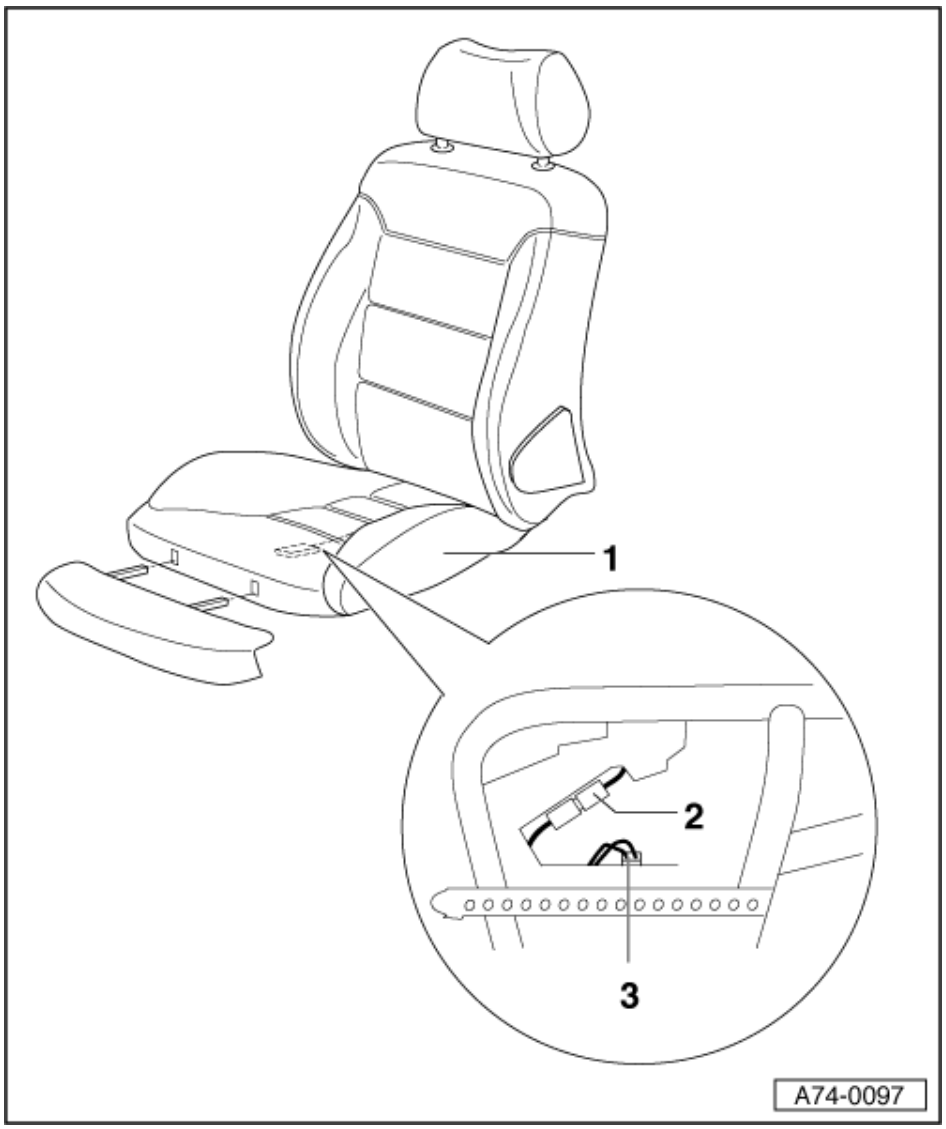
2.7 - Removing and installing seat heating element



1 Cushion with heating element bonded onto upholstery foam fill

- Removing
  - Remove seat => Page 270
  - Remove seat extension and detach both connectors of heating element for seat extension => Page 280
  - Remove seat cushion cover => Page 333
  - 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.

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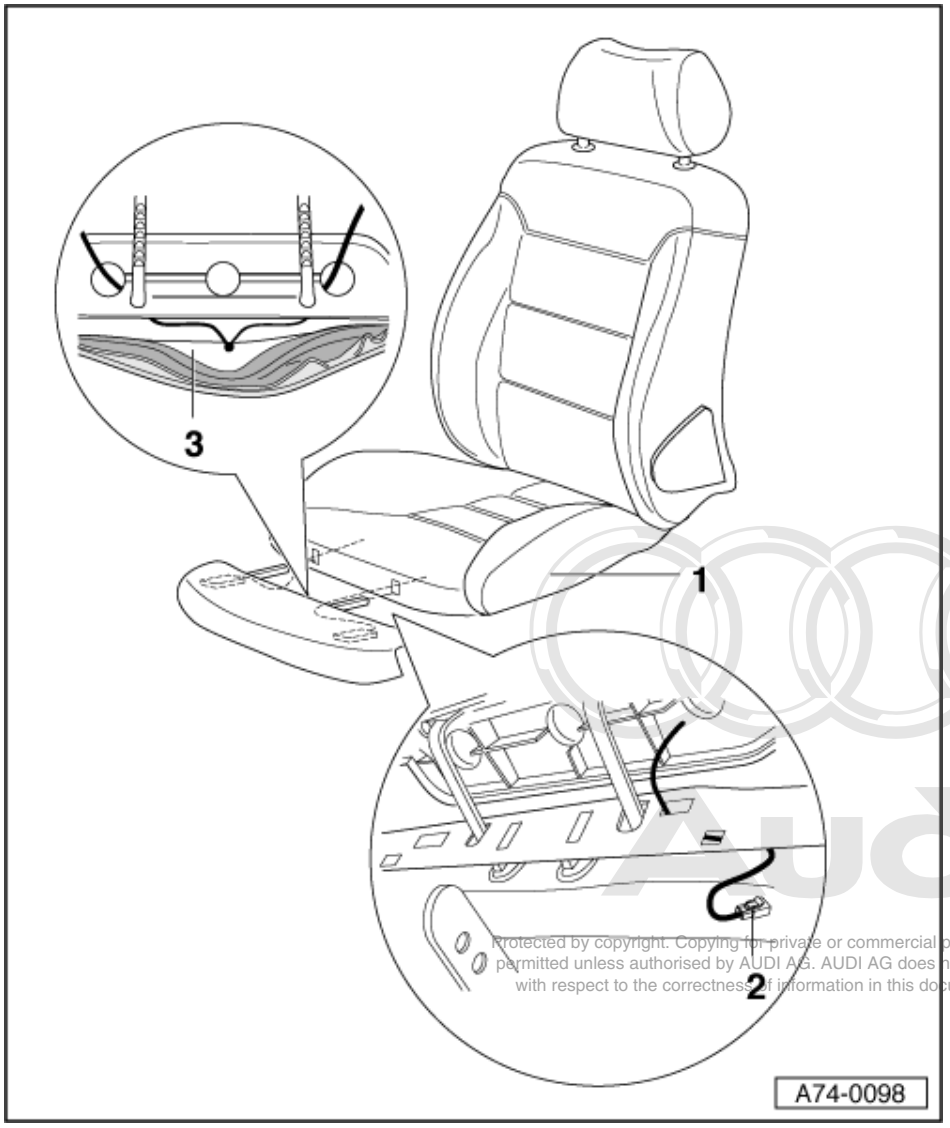
- Installing
  - Cut cables off old heating element.
  - Bond new seat heating element onto old one such that there are no creases.

2 Green heating connector

3 Seat heating cable connector

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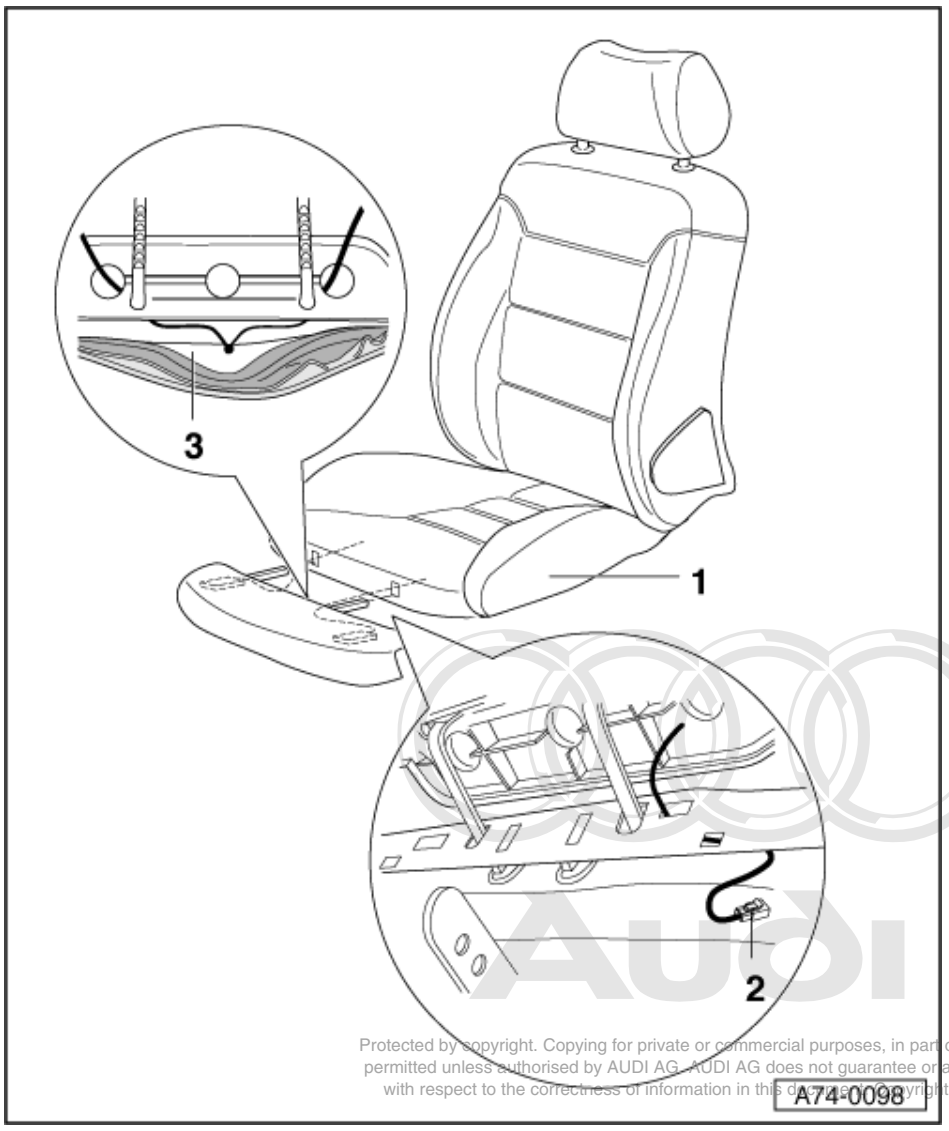
2.8 - Removing and installing seat extension heating element



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1 Seat extension with heating element bonded onto upholstery foam fill

- Removing
  - Remove seat => Page 270
  - Remove seat extension-1- and detaching both connectors-2- of heating element for seat extension=>Page 280
  - Detach seat extension fabric =>Page 335
  - Detach seat extension cables from upholstery foam fill -3-.



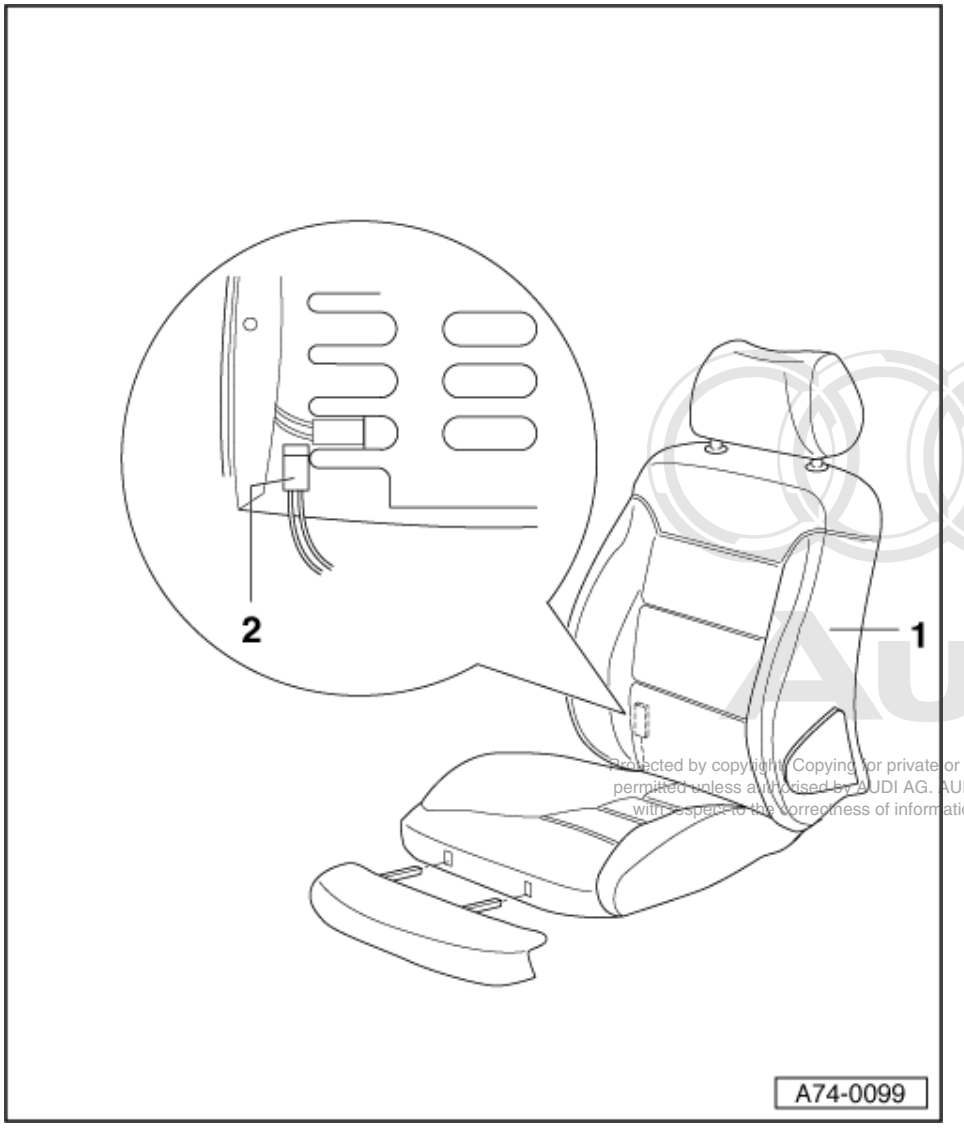
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- Installing
  - Cut cables off old heating element.
  - Bond new seat heating element onto old one such that there are no creases.
  - Pull seat extension cables through cuts in upholstery foam -3-.

2 Connectors (2x)

3 Appropriately cut upholstery foam fill

2.9 - Removing and installing backrest heating element



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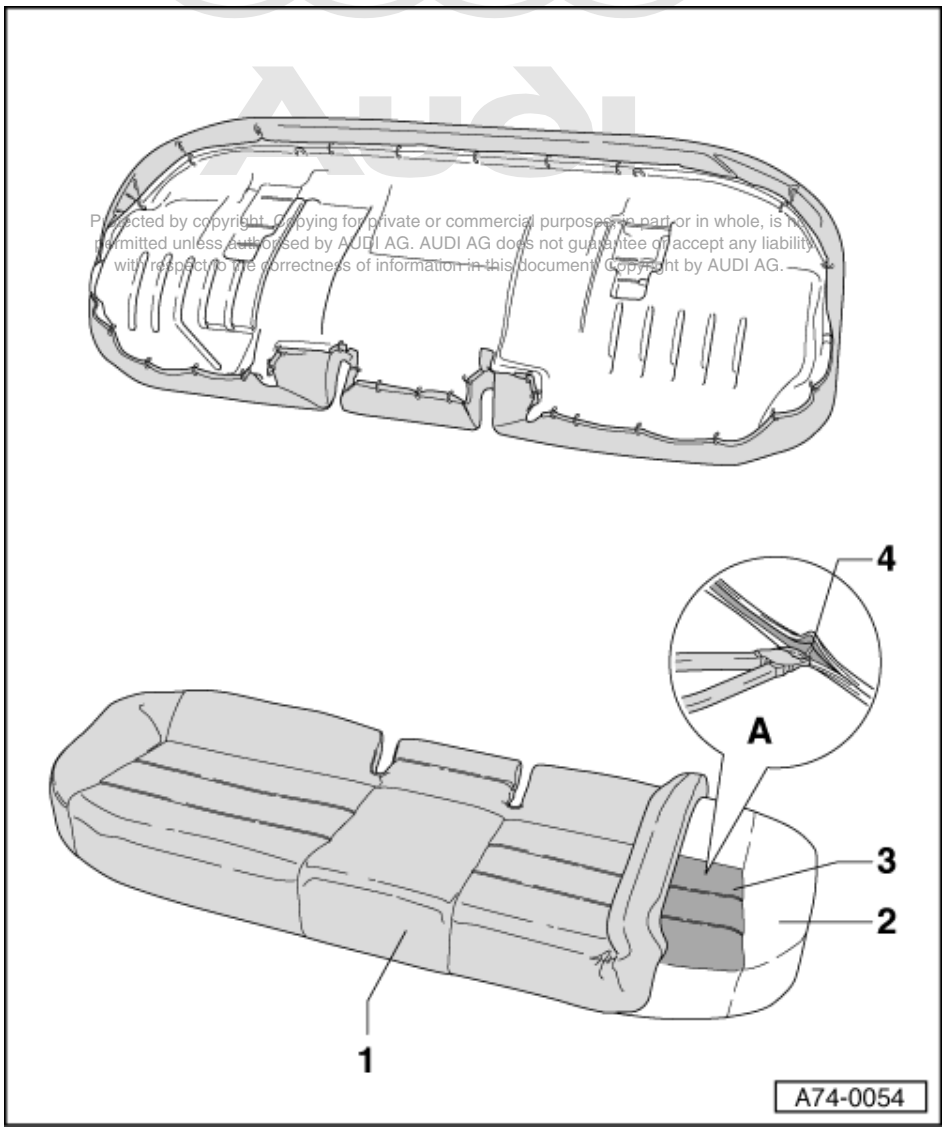
1 Backrest with heating element bonded onto upholstery foam fill

- Removing
  - Remove seat => Page 270
  - Remove cover of backrest => Page 337
  - 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

3 - Rear seat covers and padding

3.1 - Rear seat covers and padding



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3.2 - Removing and installing seat cover and upholstery

1 Seat cover

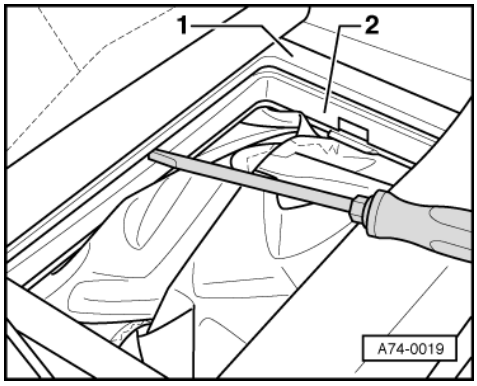
- Remove rear seat bench => Page 309
- Cut through staples on back of seat.
- Roll back seat cover -1-.
- Snip off staples -4- on front and remove seat fabric -A-.
- Use stapling tool V.A.G 1634 to fit new staples.

2 Padding

3 Heating element

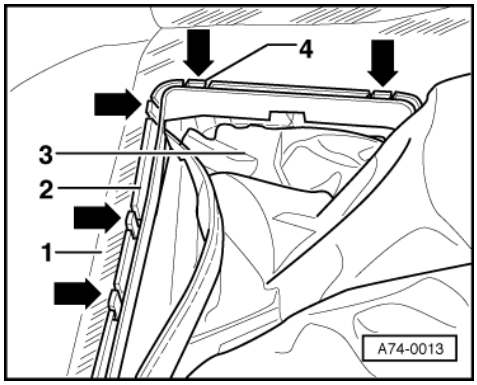
4 Staples

3.3 - Removing and installing ski bag > MY 1998



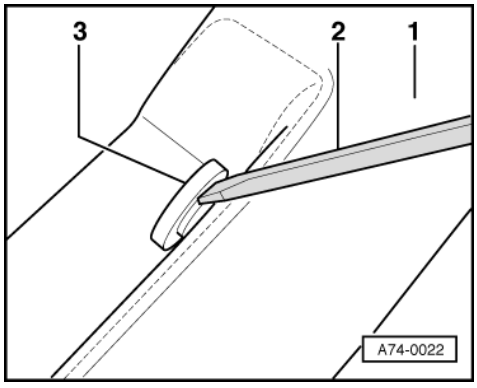
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- Unclip trim for through-loading system from boot side.
- Push through ski bag slightly to rear.
- -> Insert screwdriver between top part -1- and bottom part -2-.
- Carefully lever off top part -1- all round.



- -> Press back retainers -4- (10x) towards centre.
- Remove frame -2- with ski bag -3- towards passenger compartment.

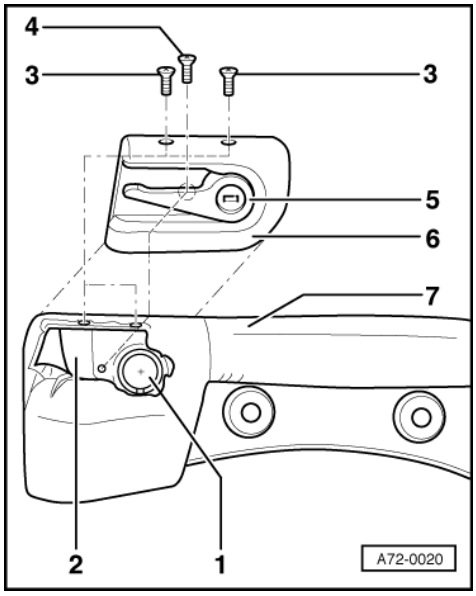
3.4 - Removing and installing split backrest cover and upholstery > MY 1998



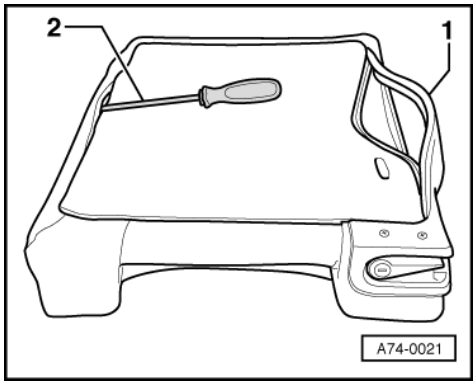
- Remove head restraint by pressing button on left head restraint guide.
- Remove rear seat back =>Page 316
- -> Use screwdriver -2- to carefully lever head restraint guide -3- out of backrest -1-.

Note:

Take care not to damage seat fabric when prising out head restraint guide.



- -> Remove screws -3- (2x).
- Press back actuating lever -5- and unscrew bolt -4-.
- Remove lock -6- from backrest -2-.
- On installing lock -6- actuating lever -5- must engage in groove in release mechanism -1-.
- Remove ski bag => Page 350



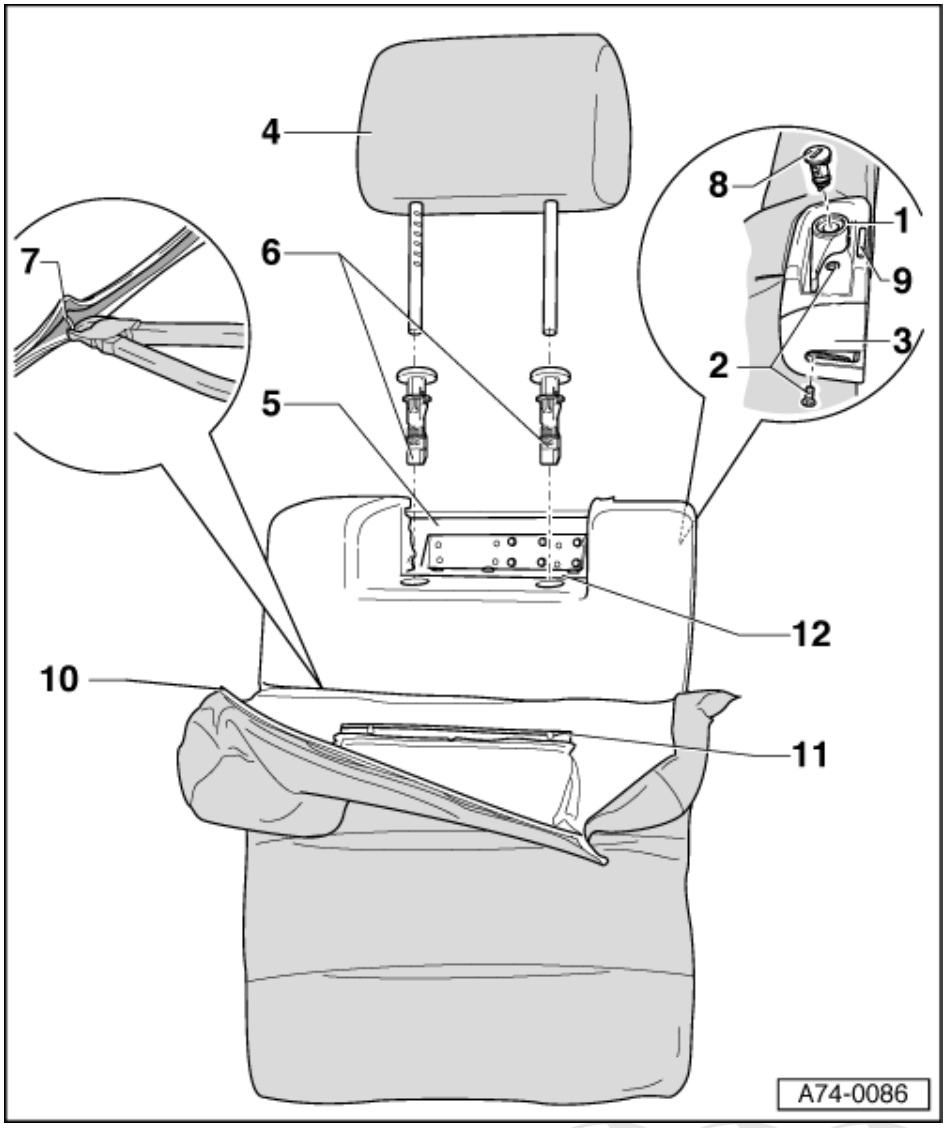
- -> Use screwdriver -2- to lever backrest fabric -1- out of fastening slot all round.

◆ Installing:

- Insert fabric with fastening strip in fastening slot and tap into place using clean plastic-headed hammer.

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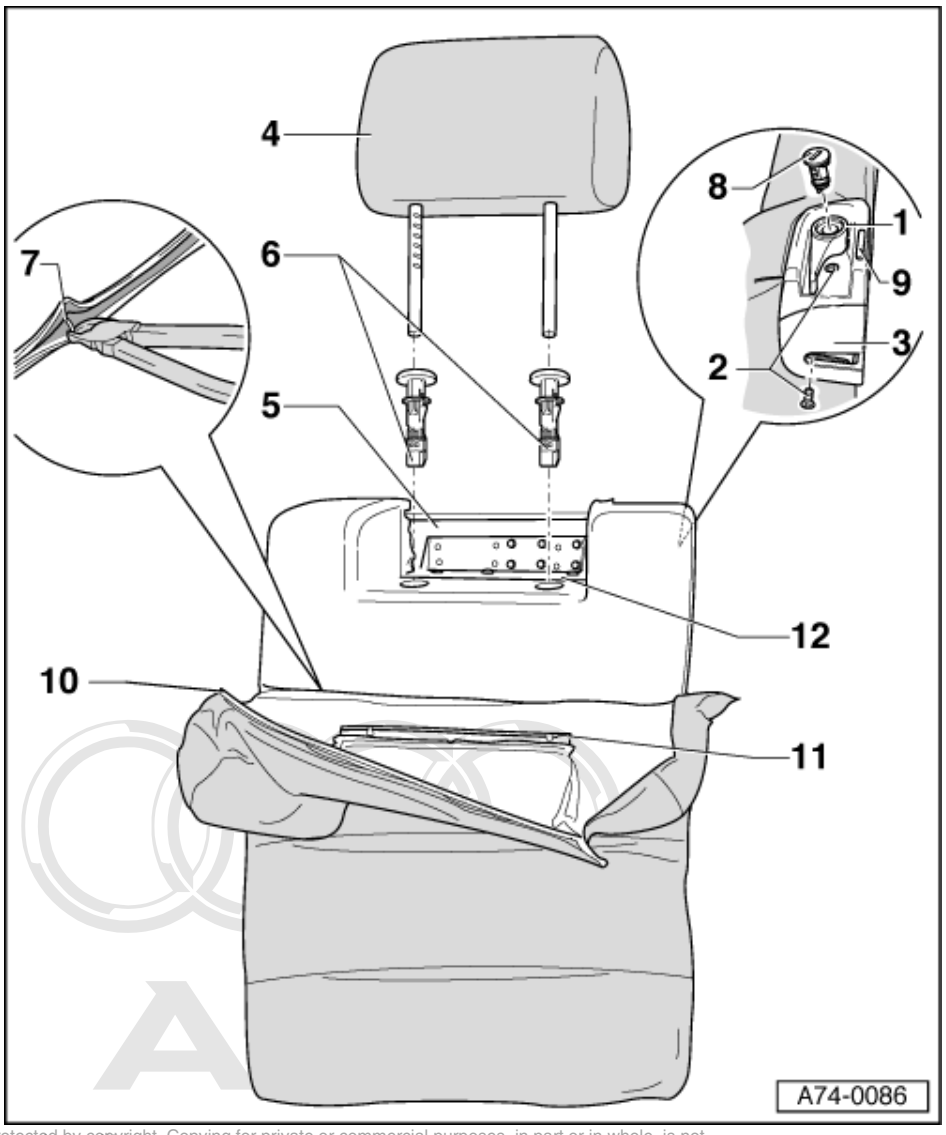
3.5 - Removing and installing split backrest cover and upholstery MY 1998 ä



Removing and installing fabric and upholstery for 1/3 backrest

- Removing
  - Removing backrest => Page 316
  - Unscrew bolts -2- (2x) of lock trim -3-.
  - Remove head restraint -4- by pressing button on left head restraint guide-6-.
  - Remove head restraint guide -6- => Fig.: 2
  - Lever fastening strip -10- out of backrest shell -5-.
  - Use screwdriver to lever shaped strip -11- out of mount -12-.
  - Snip off staples -7- and remove seat cover.

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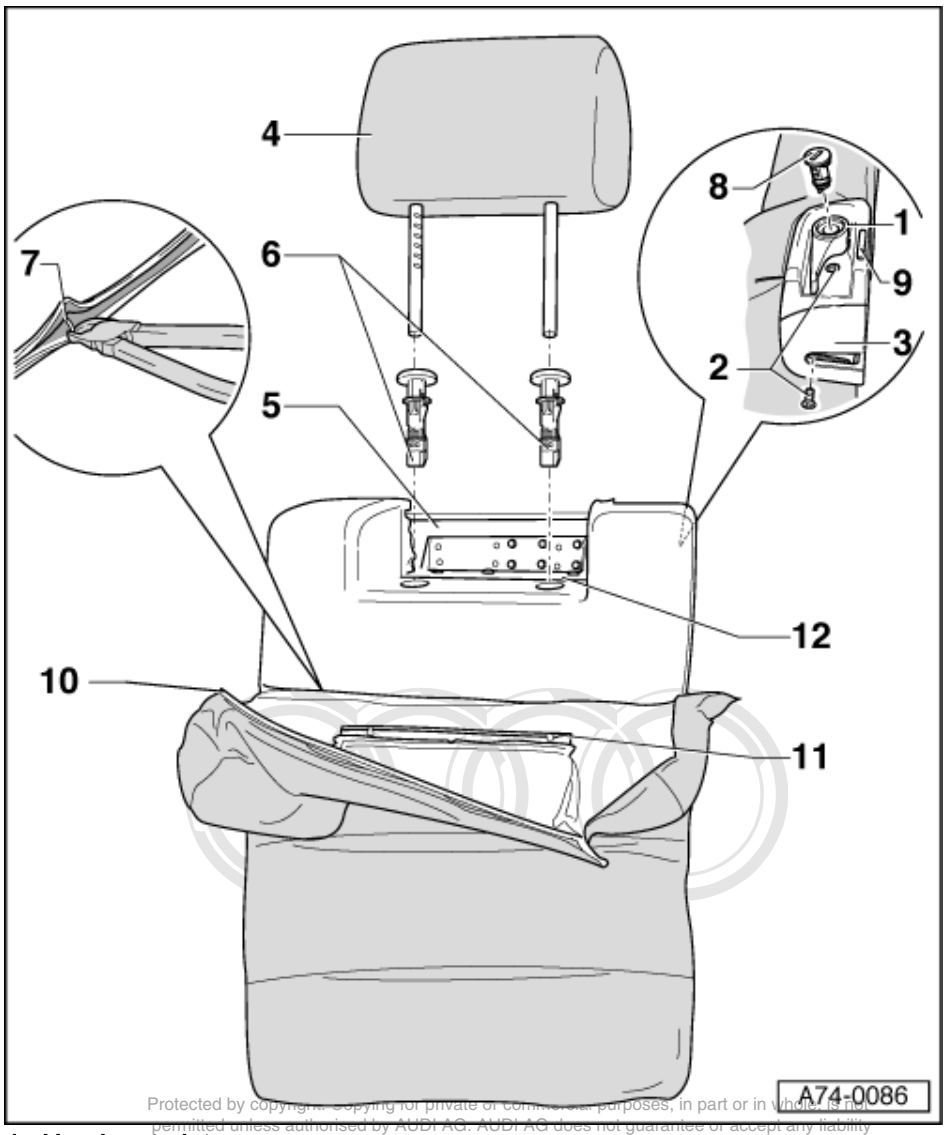
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◆ Installing
- Use new staples and upholstery stapling pliers V.A.G 1634 for fitting.

1 Locking lever
- Unscrew bolts -2- (2x) in lock trim -3-.
- Detach locking lever from underneath at engaging hooks (2x).
- Use screwdriver to lever out locking lever at top.

2 Bolts

3 Lock trim
- When installing, screw in upper bolt first, then lower bolt.



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4 Head restraint

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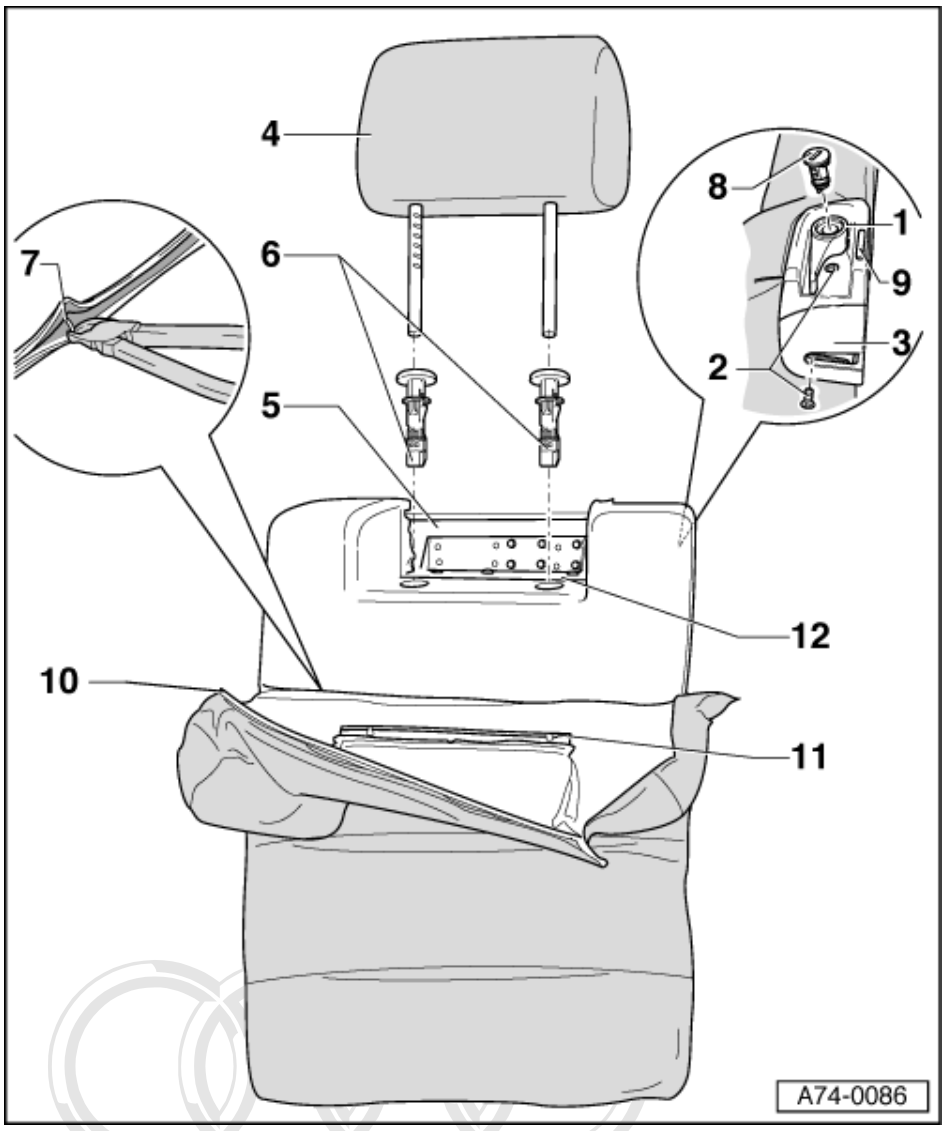
5 Backrest panel

6 Head restraint guide

7 Staples

8 Lock cylinder

- ◆ Removing and installing lock cylinder involves use of ignition key.
- - Remove locking lever.
- - Use screwdriver to lever out retaining tabs and at the same time press out lock cylinder -8-.



9 Warning indicator

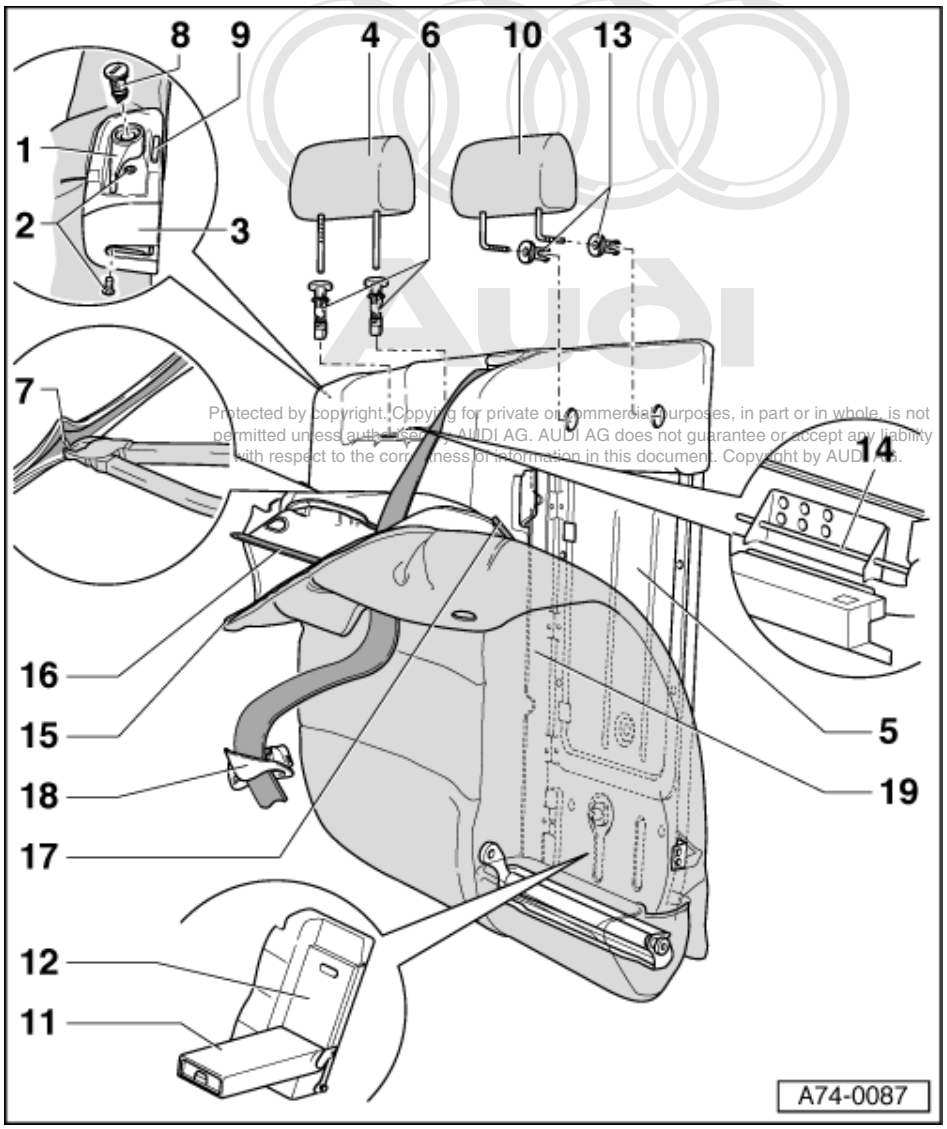
- When backrest is locked in position, pin protrudes 1-2 mm above lock trim.
- When backrest is not locked, pin protrudes approx. 20 mm above lock trim and red mark is visible.

10 Rear fastening strip (all-round)

11 Shaped strip

12 Retainer

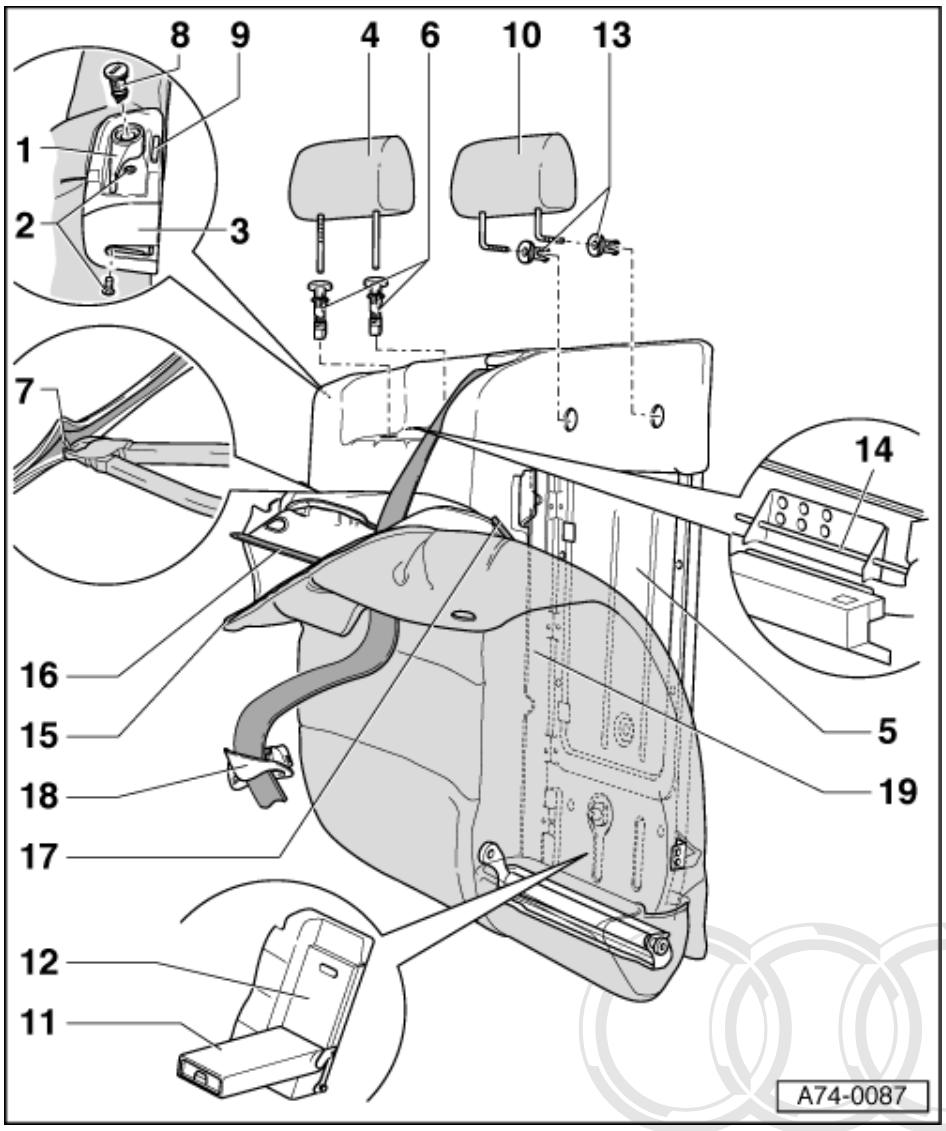
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Removing and installing fabric and upholstery for 2/3 backrest

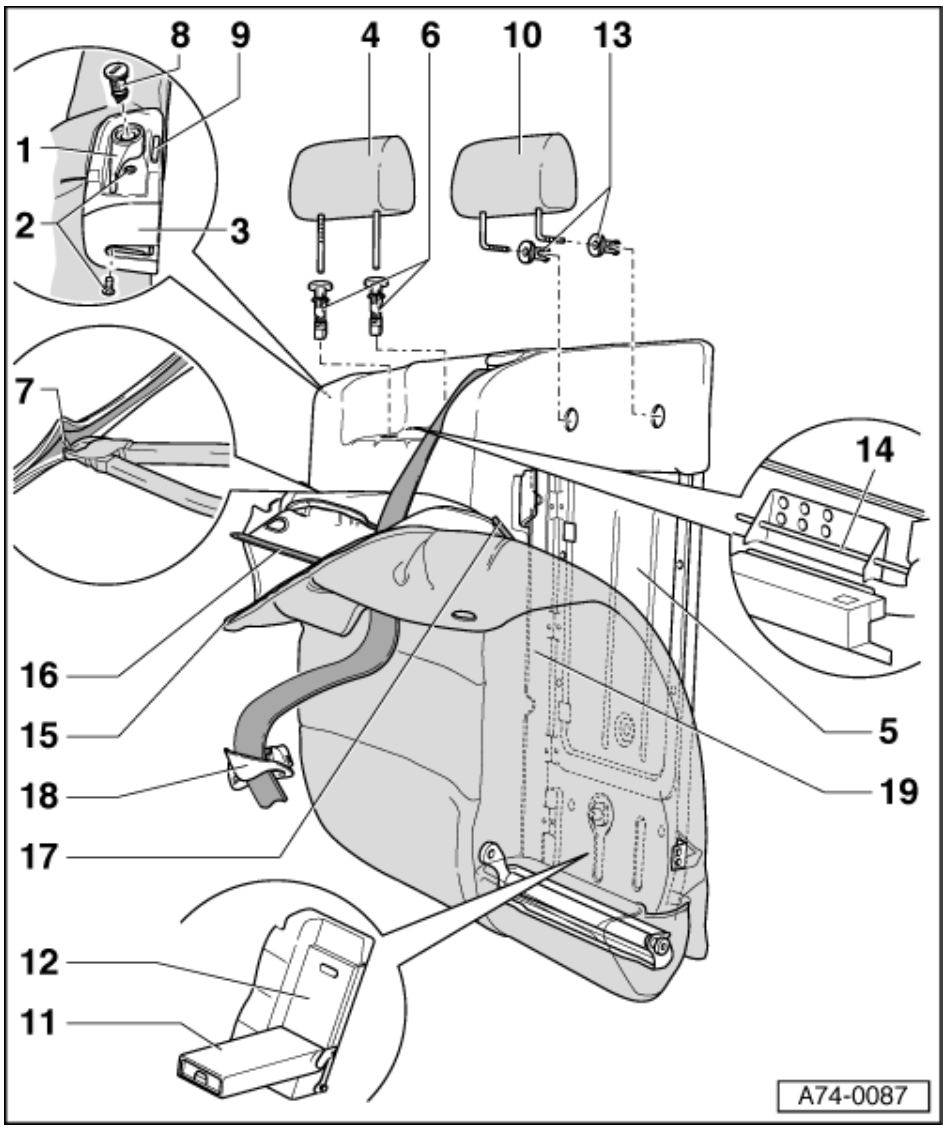
- Removing
  - Removing backrest => Page 316
  - Unscrew bolts -2- (2x) at lock trim -3-.
  - Remove head restraint -4- by pressing button on left head restraint guide -6-.
  - Remove centre head restraint -10- by pressing buttons on left and right head restraint guides -13-.
  - Remove centre arm rest -11- => Page 366
  - Remove ski bag -12- => Page 367
  - Remove head restraint guide -13- => Fig.: 1



- Remove head restraint guide -6- => Fig.: 2
- Lever fastening strip -15- out of backrest shell -5-.
- Lever out trim for three-point belt -18- with screwdriver =>Page 54
- Detach hooks -17- from wire clips -19-.
- Use screwdriver to lever out shaped strip -16- out of mount -14-.
- Snip off staples -7- and remove seat cover.

◆ Installing
- Use new staples and upholstery stapling pliers V.A.G 1634 for fitting.

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Check the following points after completing installation of backrest:

Seat belt guide fitting and webbing must not make contact with or rub against foam parts or fabric.

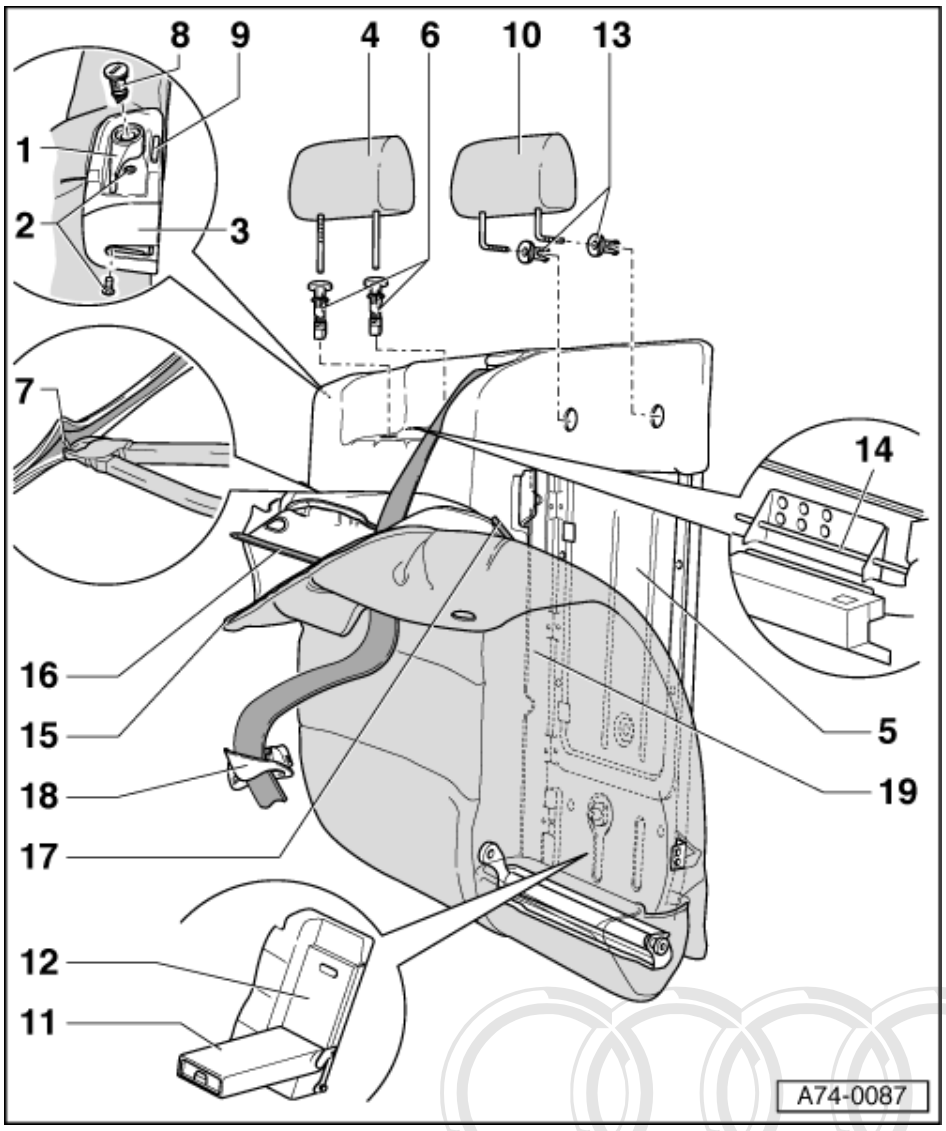
Guide fitting must follow all movements of belt webbing.

Belt webbing must run freely in all directions.

1 Locking lever
- Unscrew bolts -2- (2x) at lock trim -3-.
- Detach locking lever from underneath at engaging hooks (2x).
- Use screwdriver to lever out locking lever at top.

2 Bolts

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3 Lock trim

- When installing, screw in upper bolt first, then lower bolt.

4 Outer head restraint

Rear outer head restraints are not identical to front head restraints. If all head restraints are removed, attach adhesive tapes as identification.

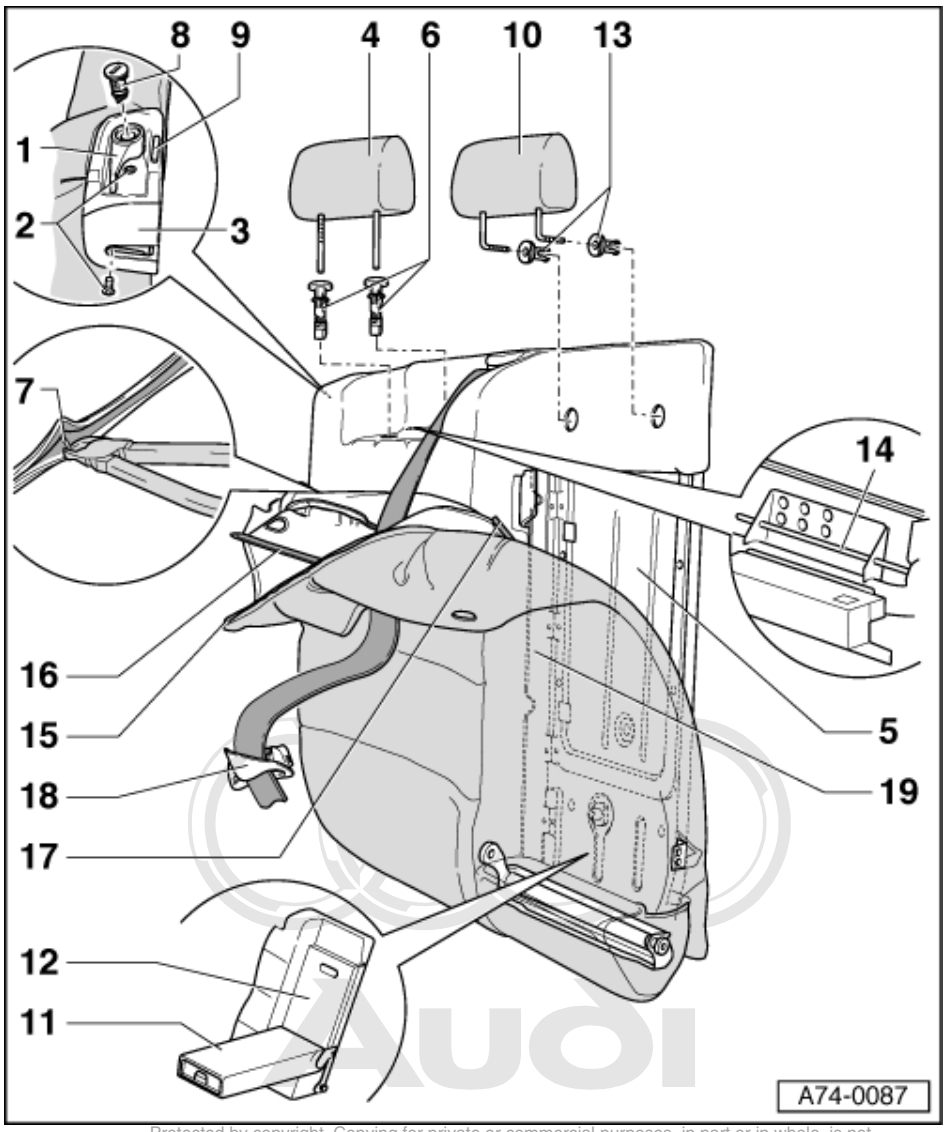
5 Backrest panel

6 Head restraint guide

- Always fit guide piece with button on the left side.
  - The button should always face towards the left.

7 Staples

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8 Lock cylinder

- Removing and installing lock cylinder involves use of ignition key.

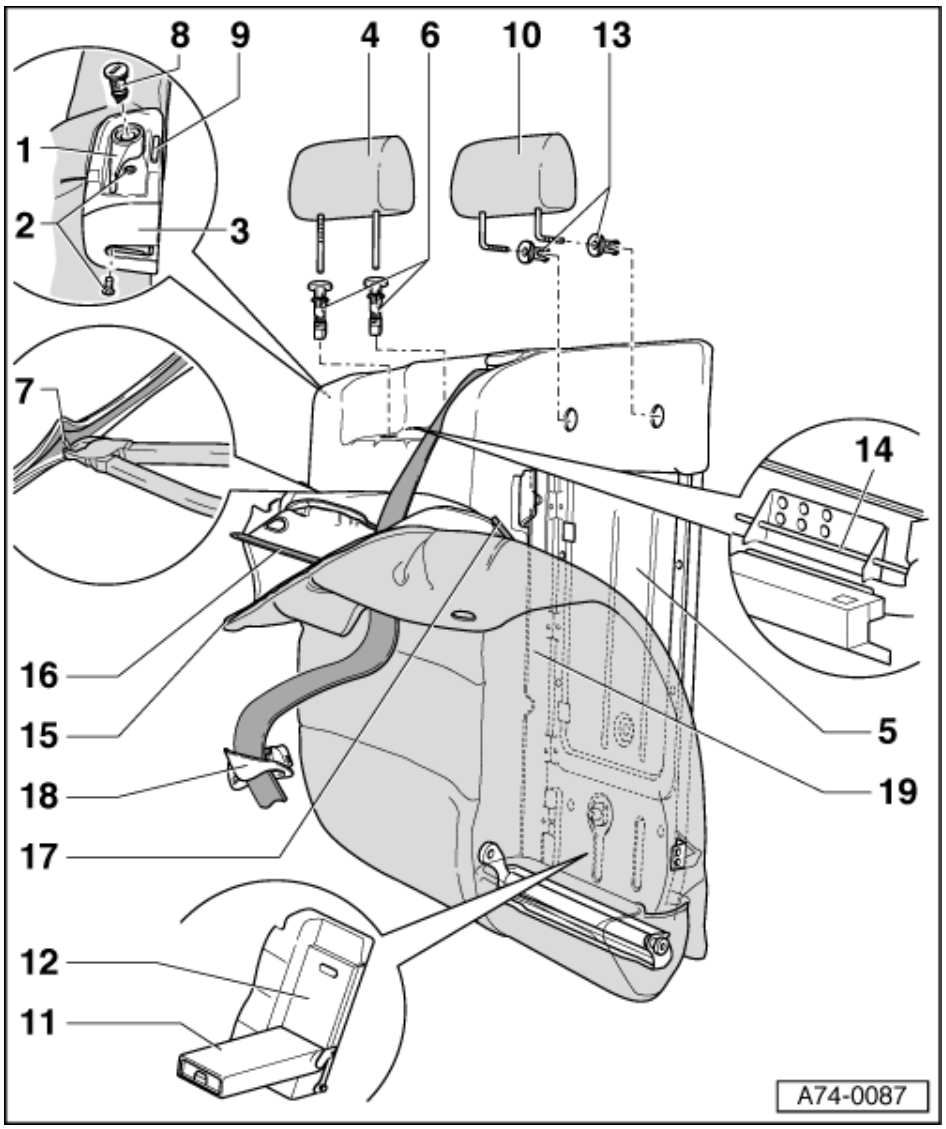
- Remove locking lever.
- Use screwdriver to lever out retaining tabs and at the same time press out lock cylinder.

9 Warning indicator

- When backrest is locked in position, pin protrudes 1 - 2 mm above lock trim.
- When backrest is not locked, pin protrudes approx. 20 mm above lock trim and red mark is visible.

10 Centre head restraint

11 Centre armrest



12 Ski bag

- Cutting ski bag with new fabric => Page 367

13 Centre head restraint guide

- Both head restraint guides are fitted with buttons.
- The button should always face towards the left.

14 Fastening groove

15 Rear fastening strip (all-round)

16 Fastening strip at head restraint

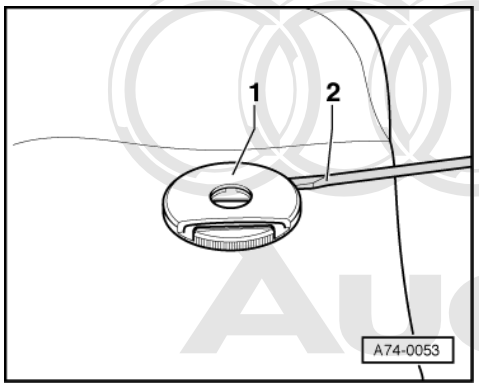
17 Hook

18 Trim for three-point belt

- Removing => Page 54

19 Wire bracket

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Fig.:1 Removing centre head restraint guides

- Use screwdriver -2- to lever out centre head restraint guides -1-.

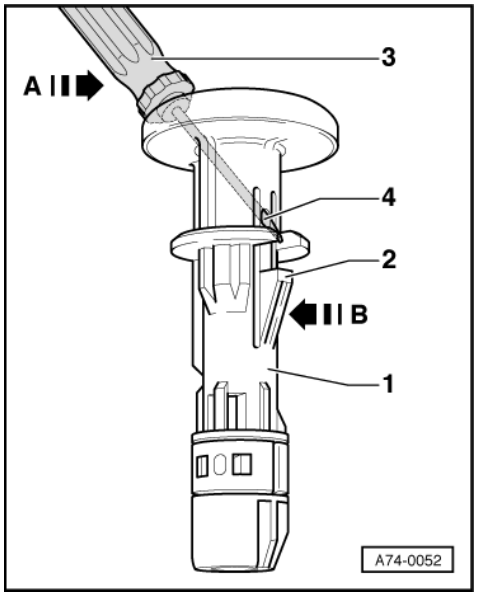
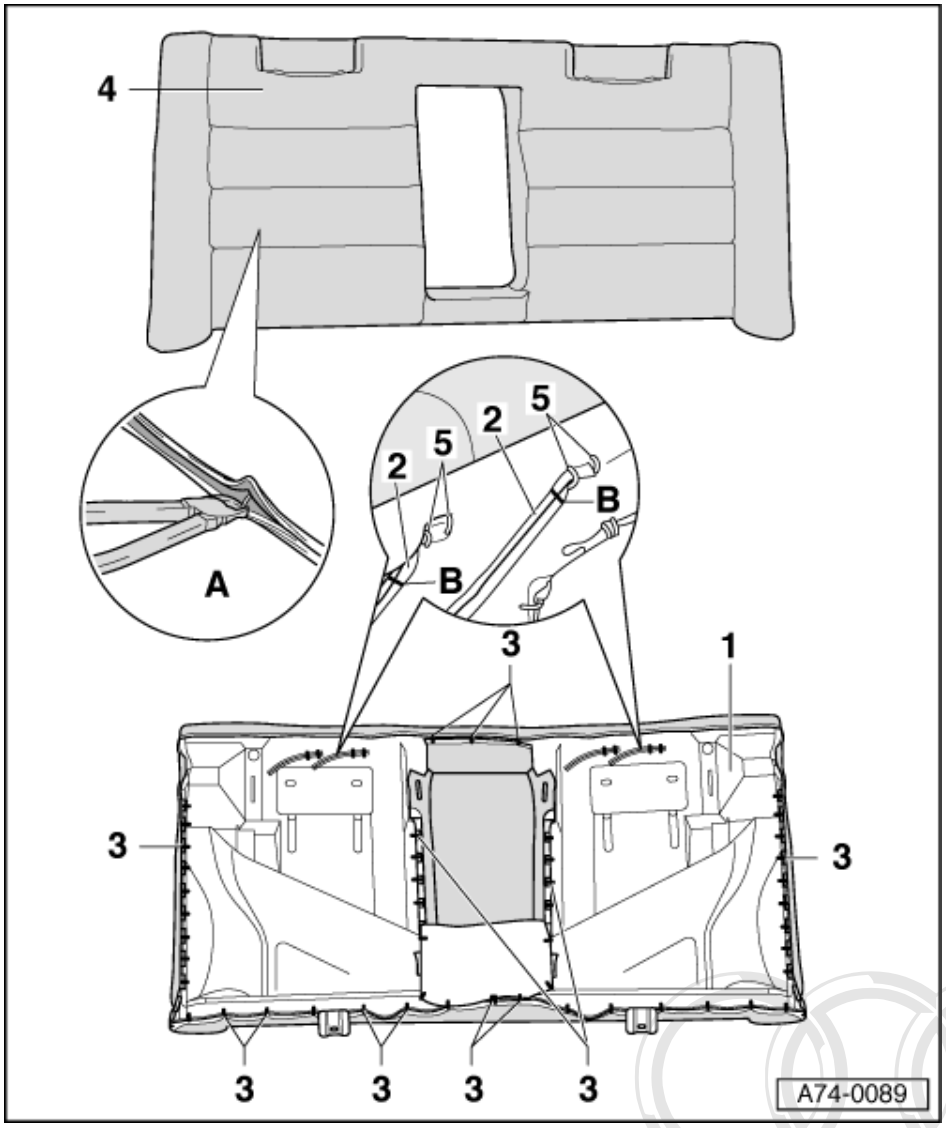


Fig.:2 Removing head restraint guides

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-.

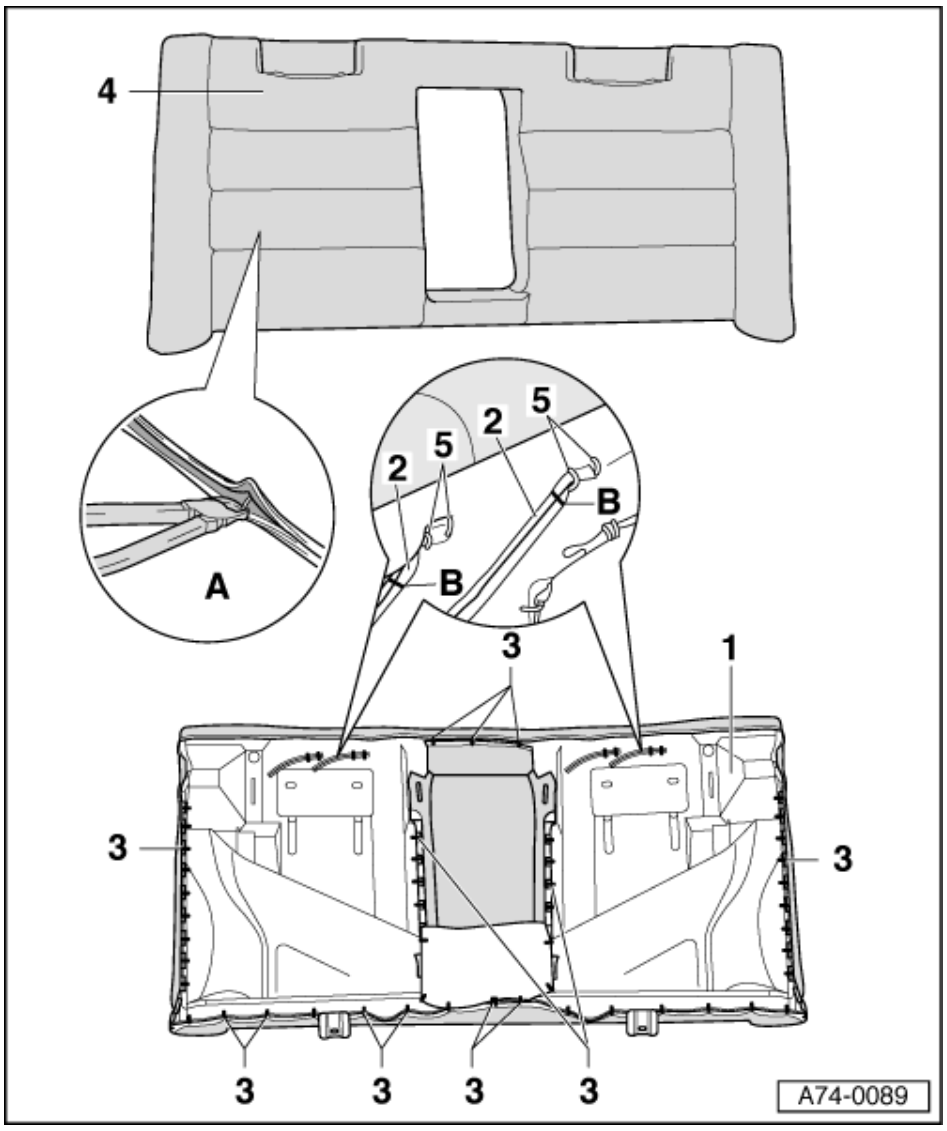
3.6 - Removing and installing fixed backrest fabric and upholstery



1 Fixed rear backrest

- Removing
  - Remove fixed backrest => Page 310
  - Remove centre armrest => Page 365
  - Cut through staples -3-.
  - Snip off staples -5- at straps -2-.
  - Fold fabric -4- forwards.
  - Lift up cover -4- and cut staples -A-.
- Installing
  - Use new staples and upholstery stapling pliers V.A.G 1634 for fitting.

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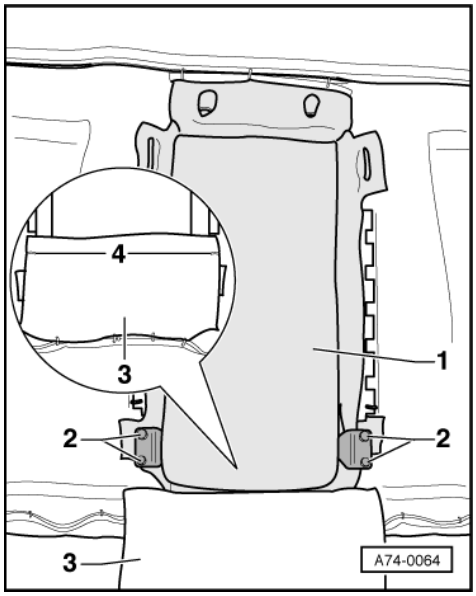


- When fitting, staple transverse rods first, then longitudinal rods.
- When fitting new backrest cover, cut out holes for head restraints and centre armrest attachment.
- Press corners of straps -2- (2x per head restraint cutout) through to rear.
- Secure straps -2- on back with staples -5- (2x each).
- Cut off straps -2- after staples -5- (at -B-).

2 Strap
3 Staples
4 Seat cover
5 Staples

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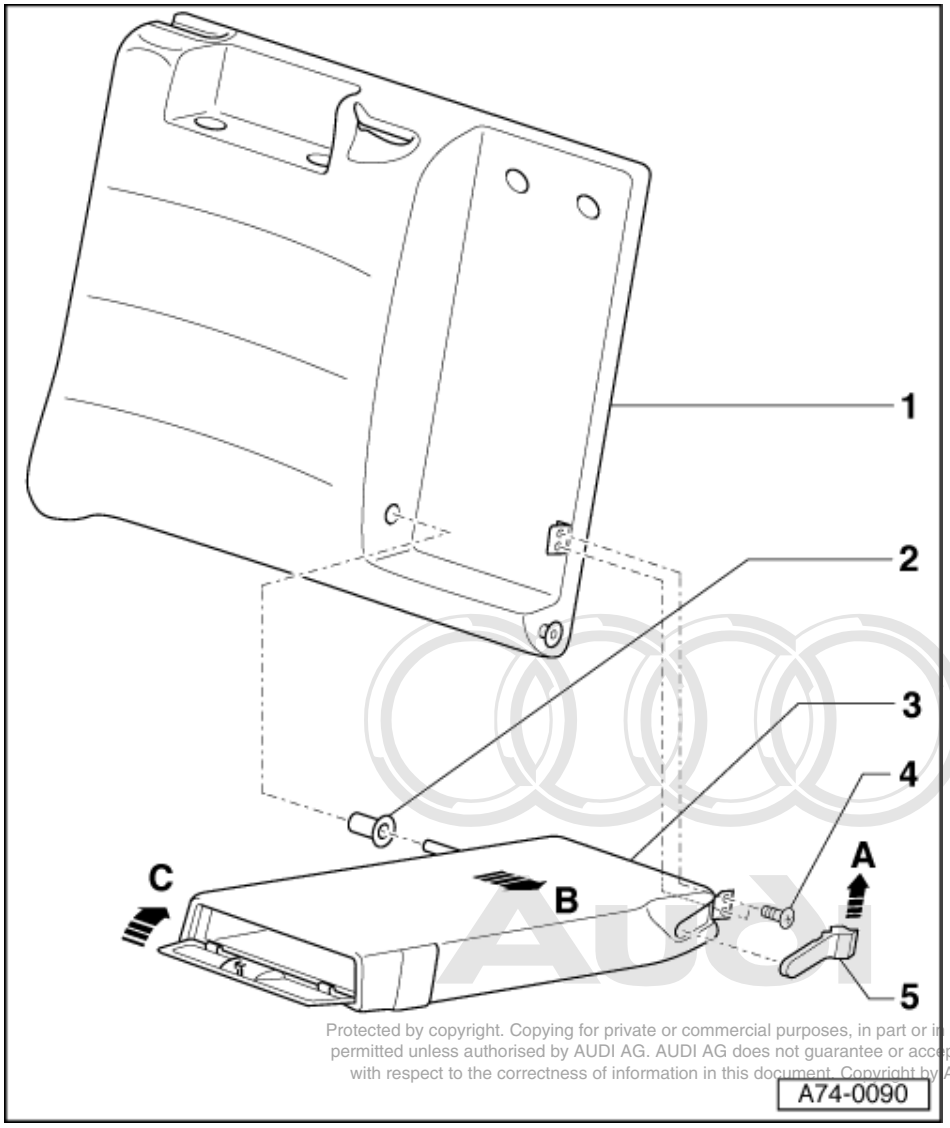
3.7 - Removing centre armrest for fixed backrest



- Remove fixed backrest => Page 310
- Cut through staples -4-.
- Fold cover downward -3-.
- Unscrew bolts -2- (4x).
- Remove centre armrest -1- towards the rear.
- Use new staples and upholstery stapling pliers V.A.G 1634 for fitting.

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3.8 - Removing centre armrest for 2/3 backrest



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1 2/3 backrest

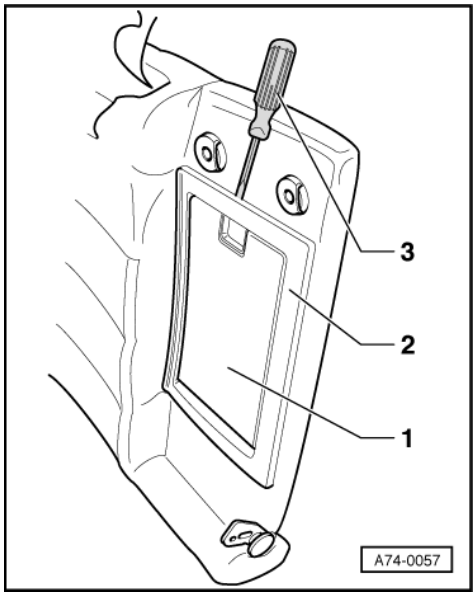
2 Sleeve
- Insert sleeve.

3 Centre armrest
- Press trim cap -5- in direction of arrow -A-.
- Remove bolts -4- (2x).
- Tilt centre armrest -3- in direction of arrow -C-.
- Remove centre armrest -3- in direction of arrow -B-.

4 Bolts (2x)
- Tightening torque 9 Nm

5 Trim cap

3.9 - Removing and installing ski bag (folding rear seat)

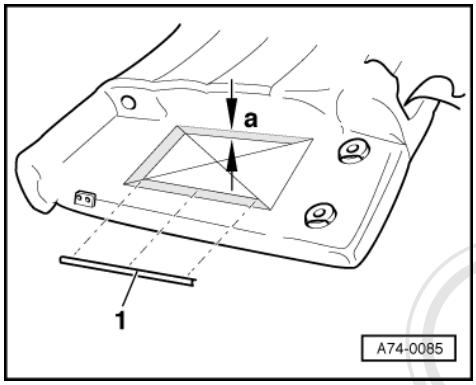


- Remove centre armrest.
- -> Use a screwdriver -3- to lever out ski bag frame - 2-.
- Use screwdriver to lever out ski bag frame -1- on rear of backrest.

Note:

Cut away foam backing material if ski bag frame cannot be fitted easily.

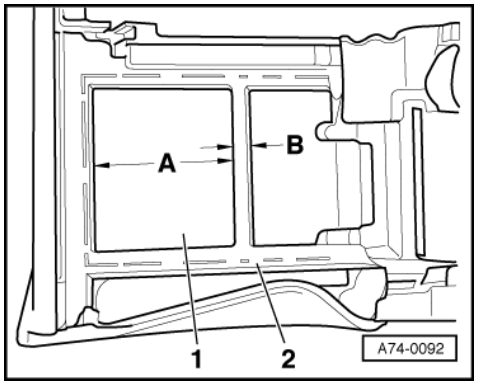
3.10 - Making cut-out for ski bag in fabric (folding rear seat)



- Cut through fabric, working from centre to corners.
- -> Cut off triangular sections leaving a dimension -a- of approx. 30 mm.
- Fasten fabric with strip -1- on outside in slot and secure with staples.
- Fit ski bag.
- Insert the 30 mm of fabric between ski bag and backrest frame.
- Clip ski bag frame into place.

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3.11 - Cutting out upholstery for child seat anchorage



- Upholstery is to be cut out when replacing upholstery on vehicles with child seat anchorage.

- Use sharp knife to carefully cut out upholstery -1- over a width of 30 mm (dimension -B-) as far as recess -2- (dimension -A- 195 mm from bottom).

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