



## **Installation instructions**

**Audi A3 2015 ►**

**Electrics set for towing bracket (removable), for scope of delivery**

**8V0.055.202.B**

**Audi Genuine Accessories®**

Edition 04.2014



## Contents

<b>1</b>	<b>General notes and notes on installation</b> .....	<b>1</b>
<b>2</b>	<b>Safety instructions for pyrotechnical, electrical and mechanical components of the restraint system</b> .....	<b>2</b>
2.1	General safety instructions .....	2
2.2	Storing, transporting and disposing of airbag, belt tensioner and battery disconnecter units (pyrotechnic components) .....	3
<b>3</b>	<b>Parts allocation</b> .....	<b>4</b>
<b>4</b>	<b>Assembly overview of the electrics</b> .....	<b>5</b>
4.1	Assembly overview of the luggage compartment electrics .....	5
4.1.1	Assembly overview of the luggage compartment electrics, A3, A3 Sportback .....	5
4.1.2	Assembly overview of the luggage compartment electrics, A3 Saloon .....	6
4.1.3	Assembly overview of the luggage compartment electrics, A3 Cabriolet .....	7
4.2	Assembly overview of cockpit electrics .....	7
4.2.1	Assembly overview of the cockpit electrics, left-hand drive vehicles .....	8
4.2.2	Assembly overview of the cockpit electrics, right-hand drive vehicles .....	9
<b>5</b>	<b>Preparations</b> .....	<b>10</b>
5.1	Removing the luggage compartment floor mat .....	11
5.2	Disconnecting the battery .....	11
5.3	Removing the rear seat bench, A3 Sportback, A3 Saloon .....	13
5.4	Assembly overview of luggage compartment side trim .....	14
5.4.1	Assembly overview of luggage compartment side trim, A3, A3 Sportback .....	15
5.4.2	Assembly overview of luggage compartment side trim, A3 Saloon .....	16
5.4.3	Assembly overview of luggage compartment side trim, A3 Cabriolet .....	17
5.5	Removing the rear shelf, A3, A3 Sportback .....	18
5.6	Removing the rear cross panel trim .....	18
5.7	Removing the left-hand luggage compartment light .....	18
5.8	Removing and installing the lashing eye, A3 Saloon, A3 Cabriolet .....	19
5.9	Removing the support for the luggage compartment floor, A3, A3 Sportback .....	19
5.10	Removing the side cushion, A3 Sportback, A3 Saloon, equipment variant .....	20
5.11	Service position of convertible roof and convertible roof compartment lid, A3 Cabriolet .....	21
5.12	Removing the front luggage compartment trim, A3 Cabriolet .....	22
5.13	Removing the left-hand luggage compartment side trim .....	22
5.13.1	Removing the left-hand luggage compartment side trim, A3, A3 Sportback .....	22
5.13.2	Removing the left-hand luggage compartment side trim, A3 Saloon .....	23
5.13.3	Removing the left-hand luggage compartment side trim, A3 Cabriolet .....	24
5.14	Removing the hydraulic pump from the side pocket .....	26
5.15	Removing the side dash panel cover .....	26
5.16	Removing the dash panel cover on the driver side, left-hand drive vehicles .....	26



5.17	Removing the control unit 1 for information electronics -J794-, right-hand drive vehicles .....	27
5.18	Removing the glove compartment, right-hand drive vehicles .....	27
5.19	Removing the gap cover on the A-pillar .....	28
5.20	Removing the bonnet actuating lever, left-hand drive vehicles .....	28
5.21	Removing the A-pillar trim, lower section .....	28
5.21.1	Removing the bottom A-pillar trim, A3, A3 Saloon, A3 Cabriolet .....	28
5.21.2	Removing the A-pillar trim, lower section, A3 Sportback .....	29
<b>6</b>	<b>Electrical connection</b> .....	<b>30</b>
6.1	Installing the control unit bracket .....	30
6.1.1	Installing the control unit bracket, A3, A3 Sportback .....	30
6.1.2	Install the control unit bracket, A3 Saloon .....	30
6.2	Installing the trailer detector control unit -J345- .....	30
6.2.1	Installing the trailer detector control unit -J345-, A3, A3 Sportback .....	31
6.2.2	Installing the trailer detector control unit -J345-, A3 Saloon .....	31
6.2.3	Installing the trailer detector control unit -J345-, A3 Cabriolet .....	32
6.3	Installing the socket retrofit wiring harness .....	32
6.3.1	Installing the socket for the retrofit wiring harness, A3, A3 Sportback .....	32
6.3.2	Installing the socket for the retrofit wiring harness, A3 Saloon .....	33
6.3.3	Installing the socket for the retrofit wiring harness, A3 Cabriolet .....	34
6.4	Establishing the power supply to terminal 30 .....	35
6.4.1	Establishing the power supply to terminal 30, left-hand drive vehicles .....	35
6.4.2	Establishing the power supply to terminal 30, right-hand drive vehicles .....	36
6.5	Integrating the CAN bus .....	37
6.6	Reassembling the vehicle .....	37
6.7	Connection assignment at the trailer socket -U10- .....	37
<b>7</b>	<b>Concluding operations</b> .....	<b>39</b>
7.1	Connecting the battery .....	39
7.2	Adjusting the coding .....	40
7.3	Function testing .....	40
7.4	Adjusting the cooling system .....	40





# 1 General notes and notes on installation

Please read these WARNING, Caution and Note descriptions before carrying out maintenance or repair work.

## **WARNING**

***Text with this symbol contains information concerning your safety and indicates potential accident and injury risks.***

## **Caution**

***Text with this symbol indicates the risk of damage to your vehicle.***

## **Note**

***Text with this symbol contains additional information.***

## **WARNING**

***For safety reasons, the electrics set must only be installed by skilled personnel with the necessary training.***

- ***If replacement parts are required, these must only be installed by skilled personnel and to undamaged genuine parts — risk of accident!***
- ***Installation must be in line with AUDI AG/VW AG guidelines — risk of accident!***

## **Caution**

***Towing mode places increased demands on the cooling system.***

- ◆ ***The cooling system must be adapted to the vehicle operating conditions.***

***Special tools are required for assembly. Improper installation can cause damage to the vehicle or the add-on components.***

***AUDI AG will not accept responsibility in the event of failure to comply with these assembly instructions.***



## 2 Safety instructions for pyrotechnical, electrical and mechanical components of the restraint system

### 2.1 General safety instructions

Pyrotechnical components comprise:

- ◆ Airbag units
- ◆ Belt tensioners
- ◆ Belt force limiters
- ◆ Battery disconnecting elements

#### General

- ◆ Testing, installation and maintenance tasks must only be carried out by trained personnel.
- ◆ There are no replacement intervals for airbag units.
- ◆ Do not check using circuit tester, voltmeter, or ohmmeter under any circumstances.
- ◆ Pyrotechnic components may only be checked when installed and using ⇒ vehicle diagnostic testers that have been approved by the manufacturer.
- ◆ When working on pyrotechnic components and the airbag control unit, the battery earth wire must be disconnected when the IGNITION is SWITCHED ON. The battery negative terminal must subsequently be covered.
- ◆ You must wait ten seconds after the battery has been disconnected.
- ◆ The battery must be connected when the IGNITION is SWITCHED ON. There must not be anybody inside the vehicle during this process. Exception: vehicles with battery fitted inside the vehicle. Do not sit within the airbag and seat belt deployment range.
- ◆ After connecting the battery, observe the appropriate steps ⇒ [Page 39](#).
- ◆ Before performing any work on pyrotechnic components in the restraint system, e.g. before disconnecting the electrical connector, the mechanic carrying out the task must discharge any static electricity. Electrostatic discharging can be performed by touching earthed metal parts, e.g. by briefly touching the door striker plate.
- ◆ Wash hands after touching ignited pyrotechnical components of the restraint system.
- ◆ Pyrotechnical components must neither be opened nor repaired. New parts must always be used (risk of injury).
- ◆ Pyrotechnic components that have fallen onto a hard surface or that show any sign of damage must not be installed.



- ◆ Pyrotechnic components must be installed immediately after they are removed from the transport container.
- ◆ If work is interrupted, the pyrotechnic component must be returned to the transport container.
- ◆ Pyrotechnic components must not be left unattended.
- ◆ When connecting the pyrotechnic components in the restraint system, only the person performing the work may be inside the vehicle.
- ◆ Pyrotechnic components must not be treated with grease, cleaning agents or similar products.
- ◆ If the fabric becomes contaminated with substances such as oil, grease, paint, colour or solvents, the airbag unit must be replaced.
- ◆ In addition, pyrotechnic components must not be exposed to temperatures above 100°C, even for short periods.

## 2.2 Storing, transporting and disposing of airbag, belt tensioner and battery disconnecter units (pyrotechnic components)

- ◆ Storage is subject to the applicable national legislation.
- ◆ Transportation is subject to national and international laws governing packaging, naming, labelling and accompanying documentation.
- ◆ Pyrotechnic components that have not been ignited must be returned in the original packaging for appropriate recycling in line with the applicable national legislation. Contact your importer if you have any questions.
- ◆ Only pyrotechnic components that have been completely ignited may be disposed of as industrial waste.

### **WARNING**

***This does not apply to belt tensioners that work according to the Wankel tensioner principle. Tensioners of this kind should be handled in the same way as pyrotechnic components that have not been ignited (e.g. airbags).***

***Background: For belt tensioners that work according to the Wankel tensioner principle, it is not possible to use workshop tools to check whether all ignition stages have completed.***



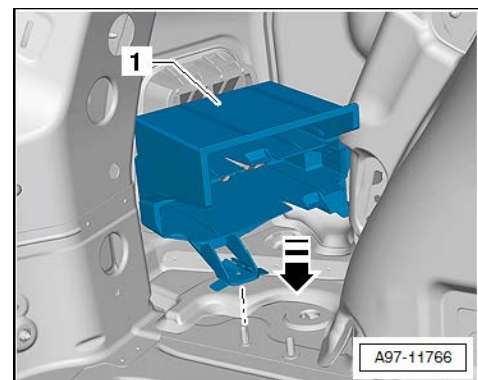
### 3 Parts allocation

Parts set 8V0.055.202.B comprises the following components:

Quantity	Part number	Component
1	5Q0.907.383.ZZ <sup>1)</sup>	Trailer detector control unit -J345-
1	1K0.945.505	Trailer socket -U10-
1		"13-pin socket" for retrofit wiring harness
2	N.017.131.12	Blade fuse, 15 A
2	N.017.131.14	Blade fuse, 25 A
3		Cable ties, 150 mm
2		Cable ties, 300 mm
1		Installation instructions

<sup>1)</sup> Please note that changes to the index are possible. The letters "ZZ" indicate a placeholder for the actual index data for the component. Please see the online catalogue for the latest information.

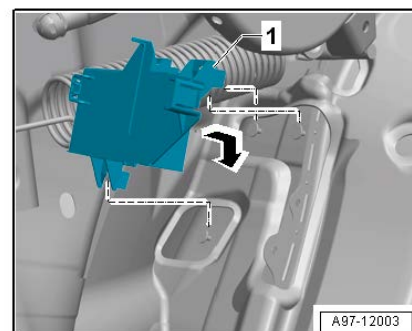
**In A3 and A3 Sportback vehicles without the rear left-hand control unit bracket, bracket 8V0.907.333 -1- is also required.**



**In A3 Saloon vehicles without the rear left-hand control unit bracket, bracket 8V5.907.333 -1- is also required.**

#### Note

Updated versions of these installation instructions are available under Accessories ⇒ ETKA (electronic parts catalogue).







## 4 Assembly overview of the electrics

### 4.1 Assembly overview of the luggage compartment electrics

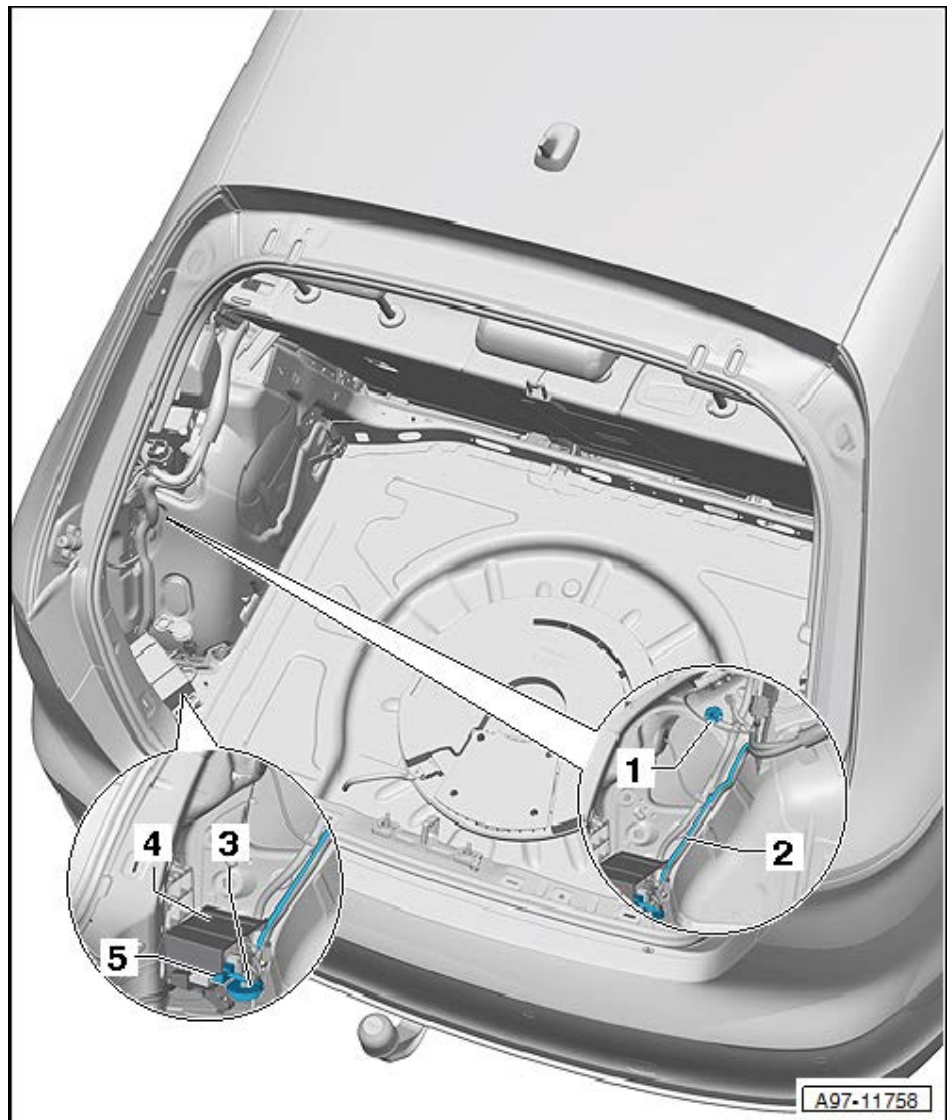
⇒ “Assembly overview of the luggage compartment electrics, A3, A3 Sportback” on page 5

⇒ “Assembly overview of the luggage compartment electrics, A3 Saloon” on page 6

⇒ “Assembly overview of the luggage compartment electrics, A3 Cabriolet” on page 7

#### 4.1.1 Assembly overview of the luggage compartment electrics, A3, A3 Sportback

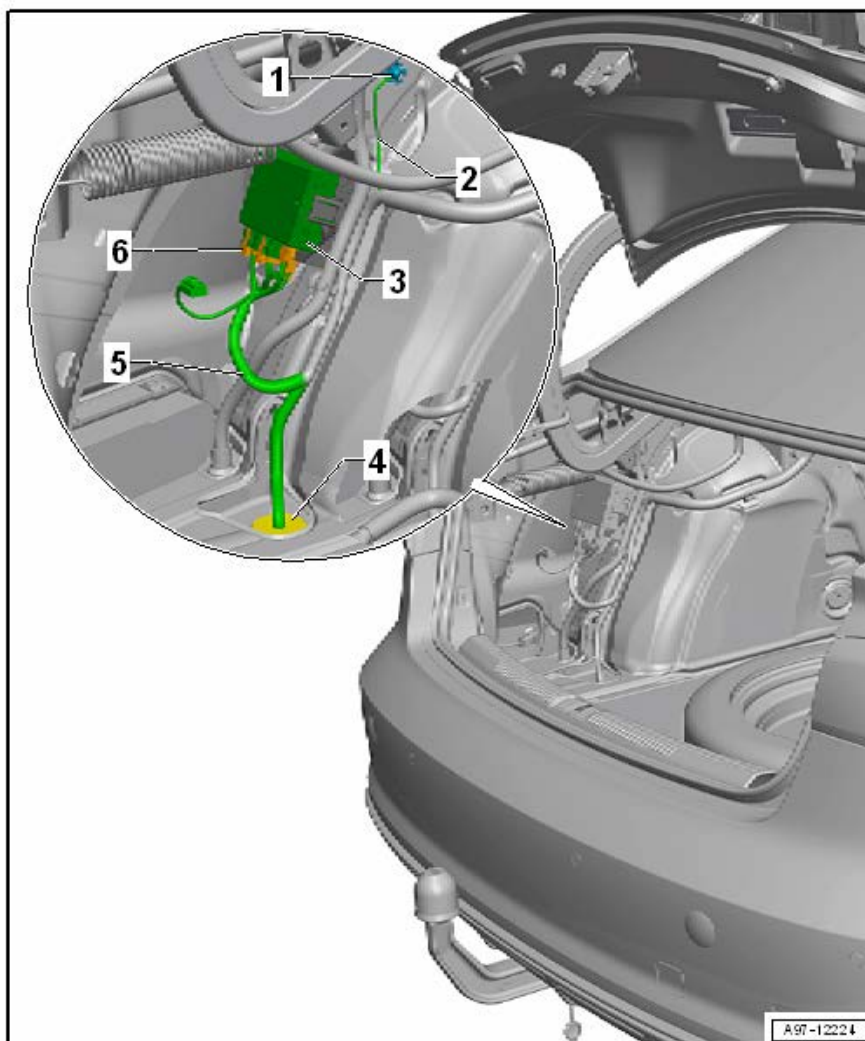
- 1 - Earth point, on left in luggage compartment  
 9 Nm
- 2 - Wiring connection for earth point on left in luggage compartment
- 3 - Retrofit wiring harness opening, socket  
 Use a free body opening from the two existing body openings
- 4 - Bracket with trailer detector control unit -J345-
- 5 - Black connector on the trailer detector control unit -J345-





## 4.1.2 Assembly overview of the luggage compartment electrics, A3 Saloon

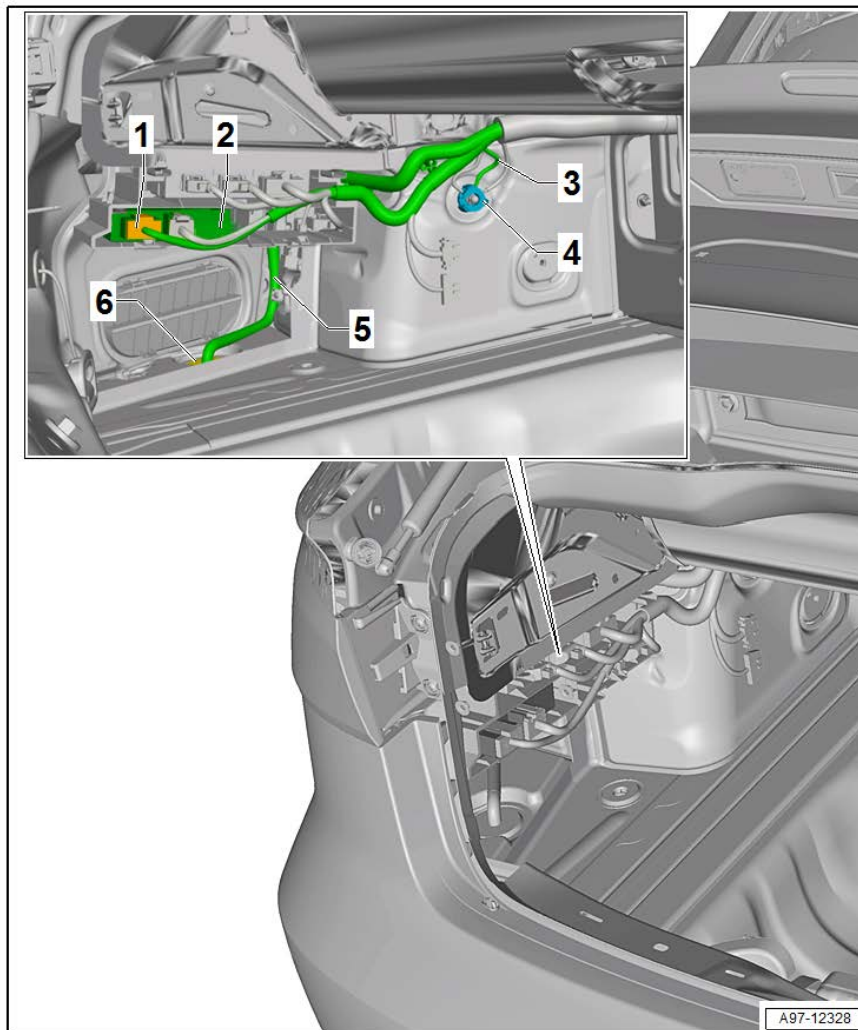
- 1 - Earth point, on left in luggage compartment  
 9 Nm
- 2 - Wiring connection for earth point on left in luggage compartment
- 3 - Trailer detector control unit -J345-
- 4 - Retrofit wiring harness opening, socket  
 Use a free body opening from the two existing body openings
- 5 - Wiring connection, wiring harness socket
- 6 - Black connector on the trailer detector control unit -J345-





### 4.1.3 Assembly overview of the luggage compartment electrics, A3 Cabriolet

- 1 - Black connector on the trailer detector control unit -J345-
- 2 - Trailer detector control unit -J345-
- 3 - Wiring connection for earth point on left in luggage compartment
- 4 - Earth point, on left in luggage compartment  
 9 Nm
- 5 - Wiring connection, wiring harness socket
- 6 - Retrofit wiring harness opening, socket  
 Use a free body opening from the two existing body openings



### 4.2 Assembly overview of cockpit electrics

⇒ “Assembly overview of the cockpit electrics, left-hand drive vehicles” on page 8

⇒ “Assembly overview of the cockpit electrics, right-hand drive vehicles” on page 9



## 4.2.1 Assembly overview of the cockpit electrics, left-hand drive vehicles

### 1 - 4-slot fuse adapter

- ❑ On the holder for the on-board supply control unit -J519- behind the dash panel cover on the driver side

### 2 - Fuse 1, terminal 30

### 3 - Fuse 2, terminal 30

### 4 - Fuse 3, terminal 30

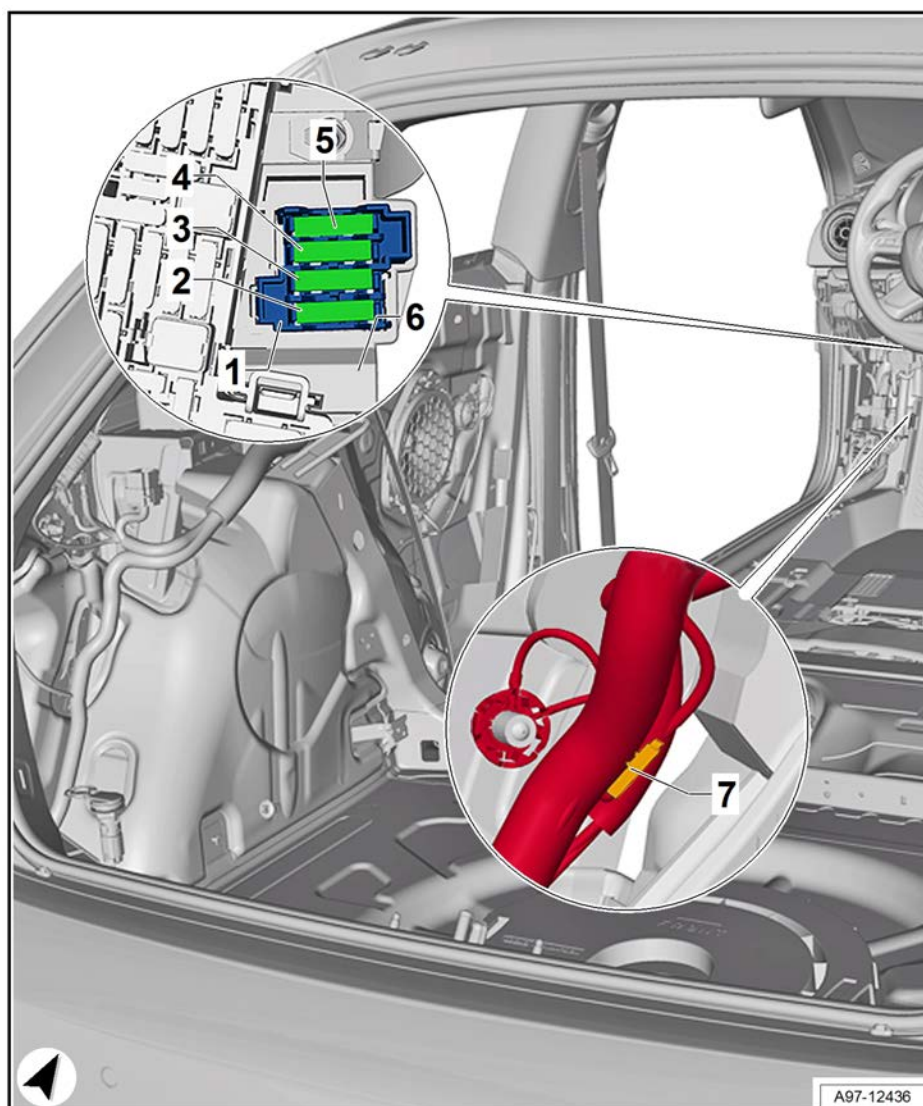
### 5 - Fuse 4, terminal 30

### 6 - Bracket

- ❑ For the on-board supply control unit -J519-

### 7 - CAN bus connection

- ❑ Connect the connectors







## 4.2.2 Assembly overview of the cockpit electrics, right-hand drive vehicles

### 1 - 4-slot fuse adapter

- ❑ On the holder for the on-board supply control unit -J519- behind the glove compartment

### 2 - Fuse 1, terminal 30

### 3 - Fuse 2, terminal 30

### 4 - Fuse 3, terminal 30

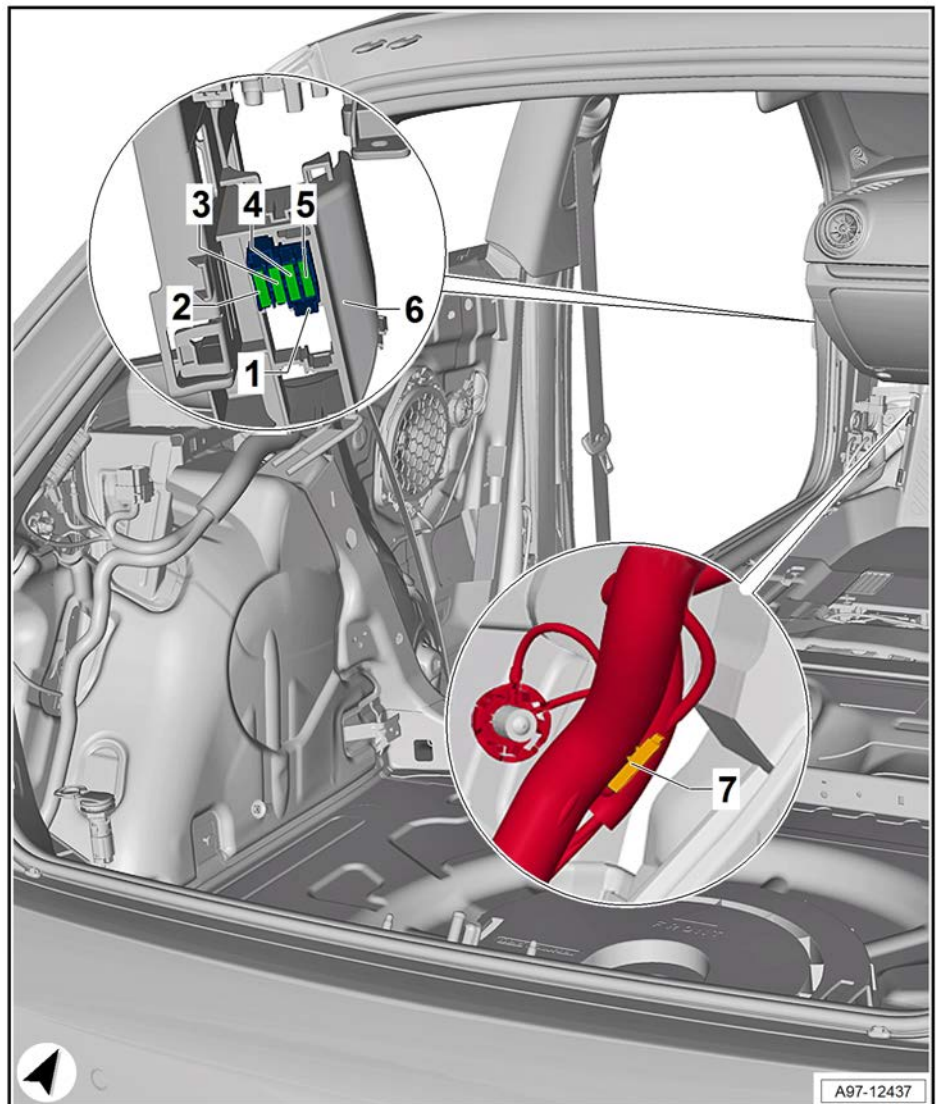
### 5 - Fuse 4, terminal 30

### 6 - Bracket

- ❑ For the on-board supply control unit -J519-

### 7 - CAN bus connection

- ❑ Connect the connectors

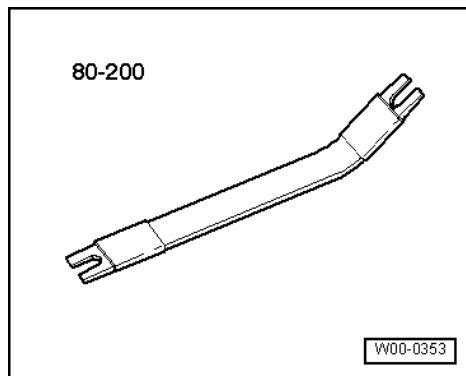




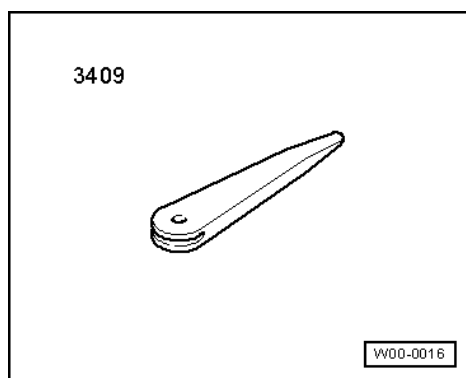
## 5 Preparations

### Special tools and workshop equipment required

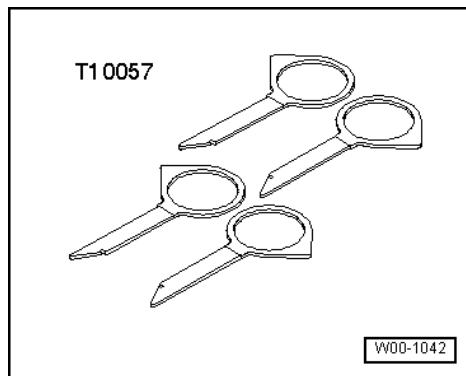
- ◆ Removal lever -80 - 200-



- ◆ Removal wedge -3409-



- ◆ Release tool for the radio -T10057-



- ◆ Tensioning strap -T10038-

- ◆ Hook -T40306-



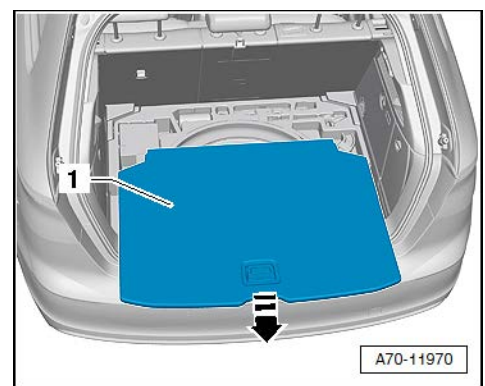


- ◆ Protective cap for wiring harness connector -VAS 6223/9-



## 5.1 Removing the luggage compartment floor mat

- Lift the luggage compartment floor mat -1- and remove from the vehicle in the -direction indicated by the arrow-.



## 5.2 Disconnecting the battery

### **WARNING**

- ◆ ***Always make sure that the vehicle's electrical system is protected by disconnecting the battery before performing work on the electrical system.***
- ◆ ***Only unscrew the battery negative terminal (-) of the battery.***
- ◆ ***The battery positive terminal (+) of the battery must only be unscrewed once the battery has been removed from the vehicle.***



**⚠ WARNING**

**When working on pyrotechnic components and on the airbag control unit, the battery negative terminal (-) of the battery must be unscrewed when the IGNITION is SWITCHED ON. The battery negative terminal (-) must subsequently be covered.**

**You must wait ten seconds after the battery has been disconnected.**

**The battery must be connected when the IGNITION is SWITCHED ON. There must not be anybody inside the vehicle. Exception: vehicles with battery fitted inside the vehicle. Do not sit within the airbag and seat belt deployment range.**

- Switch on ignition.
- Remove the battery cover.
- Unscrew the battery terminal clamp for the earth wire -3- on the battery negative terminal.

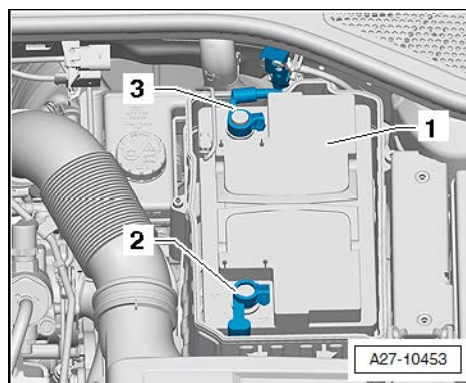
Waiting time: 10 seconds

- Switch off the ignition

Tightening torque of nuts on battery terminal clamp: 6 Nm

**Steps after disconnecting the battery**

- ◆ Switch on the ignition using the ignition key and then switch off again.
- ◆ Read out the fault memory ⇒ vehicle diagnostic testers.
- ◆ Clock: Check time setting and reset.
- ◆ Electric window regulator: Fully open all windows and then close again.
- ◆ Window regulator convenience switching mechanism: When the convenience switching mechanism is actuated, the window must close without having to hold down the switch.
- ◆ Function test of all electrical consumers.
- When doing so, please also refer to the ⇒ operating manual for the vehicle.

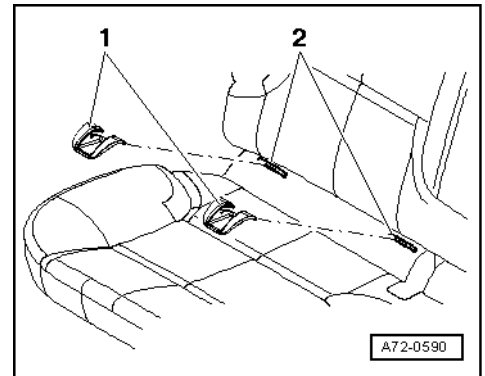




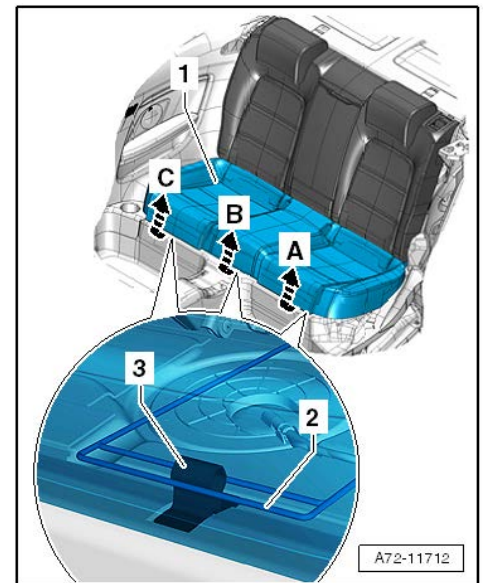


### 5.3 Removing the rear seat bench, A3 Sportback, A3 Saloon

- Unclip the four covers of the child seat attachment fittings (ISOFIX) -1- from the fixtures -2-.



- Using both hands, grip one side of the seat below the seat frame.
- With both hands, jerk the rear bench seat -1- firmly upwards- arrow A- so that the seat frame -2- of the rear seat bench disengages from the omega clips -3-.
- Repeat the procedure in the centre and on the other side of the rear bench seat -1- -arrow B- and -arrow C-.
- Equipment variant with seat heating: detach the electrical connector for the seat heating.
- Remove the rear bench seat -1- from the vehicle.



#### Notes on installation

##### Note

*The rear bench seat wire frame must be checked each time the rear bench seat is removed and aligned if there are signs of deformation.*

- Equipment variant with seat heating: connect the electrical connector for the seat heating.
- Make sure that the electrical connectors are properly locked into place and engagement can be heard.



- Insert the rear bench seat -1- and push the wire frame -2- firmly onto the omega clips -3-.
- Make sure that the wire frame -2- engages correctly with the omega clips -3-.

**Finally, make sure that the rear bench seat is secure and in the correct position.**

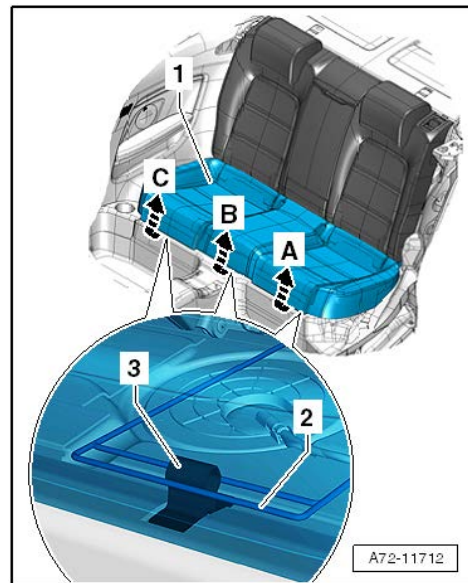
- To do this, grip one side of the seat below the seat frame with both hands -arrow A- and pull up evenly, exerting a force of approx. 100 to 150 N (approx. 10 to 15 kg); do not tear.
- Repeat the procedure in the centre and on the other side of the rear bench seat -arrow B- and -arrow C-.



**WARNING**

***The rear bench seat must NOT disengage from the omega clips — risk of accident!***

- If the rear bench seat disengages, the entire procedure must be repeated ⇒ [Page 13](#).



## 5.4 Assembly overview of luggage compartment side trim

⇒ [“Assembly overview of luggage compartment side trim, A3, A3 Sportback” on page 15](#)

⇒ [“Assembly overview of luggage compartment side trim, A3 Saloon” on page 16](#)

⇒ [“Assembly overview of luggage compartment side trim, A3 Cabriolet” on page 17](#)



## 5.4.1 Assembly overview of luggage compartment side trim, A3, A3 Sportback

### 1 - Luggage compartment side trim

- removal and installation ⇒ [Page 22](#)

### 2 - Screw

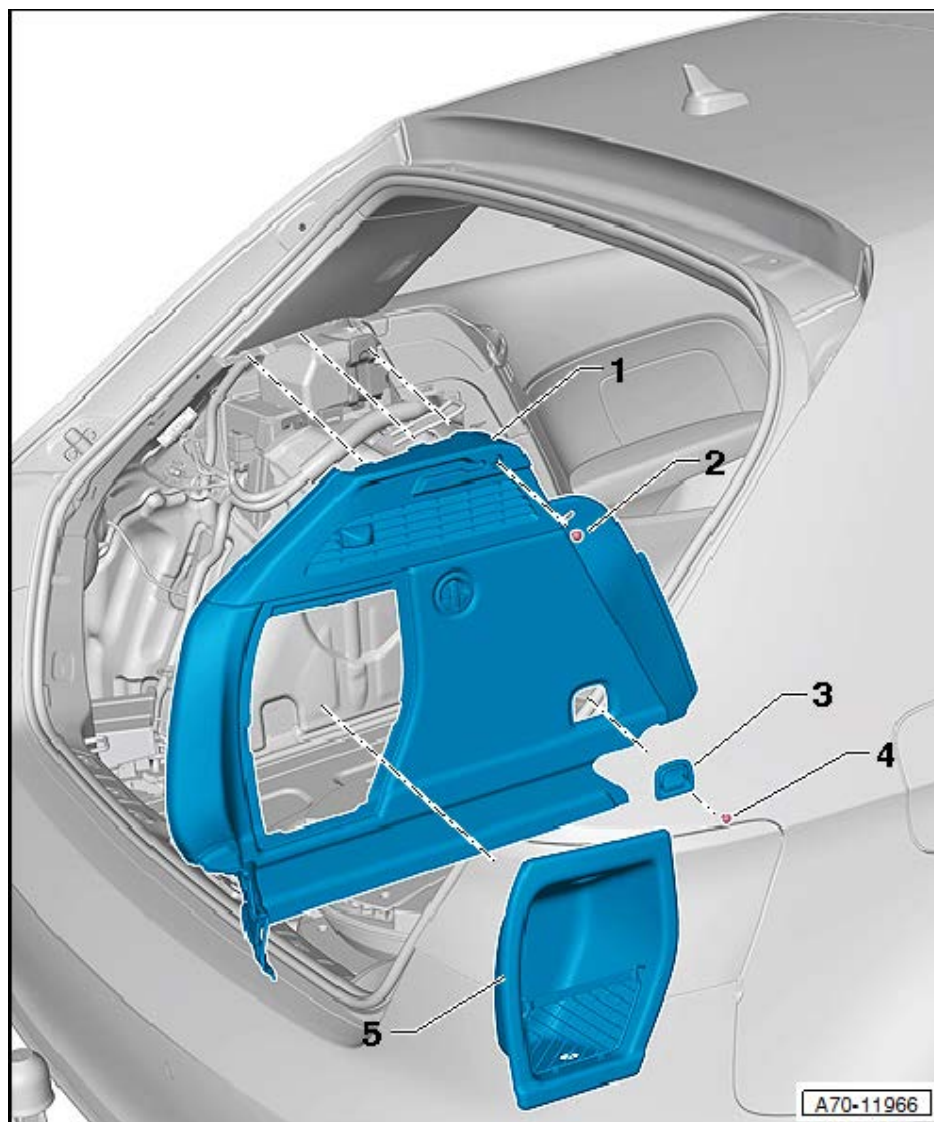
- 3 Nm

### 3 - Lashing eye

### 4 - Screw

- 6 Nm

### 5 - Cover





## 5.4.2 Assembly overview of luggage compartment side trim, A3 Saloon

### 1 - Fasteners

- 2 units
- Insert into the trim
- Replace any damaged or deformed clips.

### 2 - Luggage compartment side trim

- removal and installation ⇒ [Page 22](#)

### 3 - Expanding clip

- 2 units

### 4 - Lashing eye

- removal and installation ⇒ [Page 19](#)

### 5 - Screw

- 8 Nm

### 6 - Sheet metal clamp

### 7 - suit hanger

### 8 - Screw

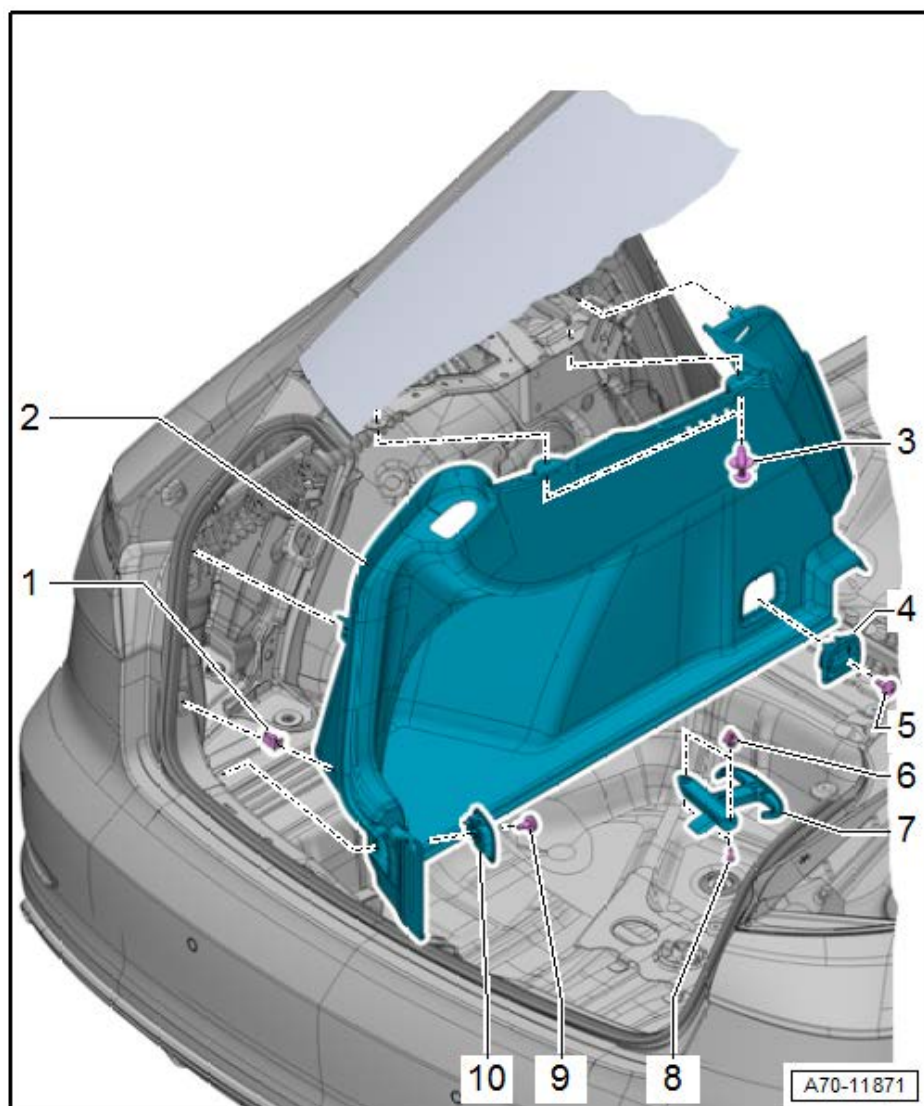
- 4 x
- 1.5 Nm

### 9 - Screw

- 8 Nm

### 10 - Lashing eye

- removal and installation ⇒ [Page 19](#)







### 5.4.3 Assembly overview of luggage compartment side trim, A3 Cabriolet

#### 1 - Cover

- Clip on in the luggage compartment side trim

#### 2 - Fasteners

- Insert into the trim
- Replace any damaged or deformed clips
- Place any clips remaining in the mounting point in the trim ready for installation

#### 3 - Rear backrest release

#### 4 - Luggage compartment side trim

- removal and installation ⇒ [Page 22](#)

#### 5 - Expanding clip

#### 6 - Upper luggage compartment trim

#### 7 - Expanding clip

- 2 units

#### 8 - Lashing eye

- removal and installation ⇒ [Page 19](#)

#### 9 - Screw

- 8 Nm

#### 10 - Removing the rear cross panel trim

- removal and installation ⇒ [Page 18](#)

#### 11 - Fasteners

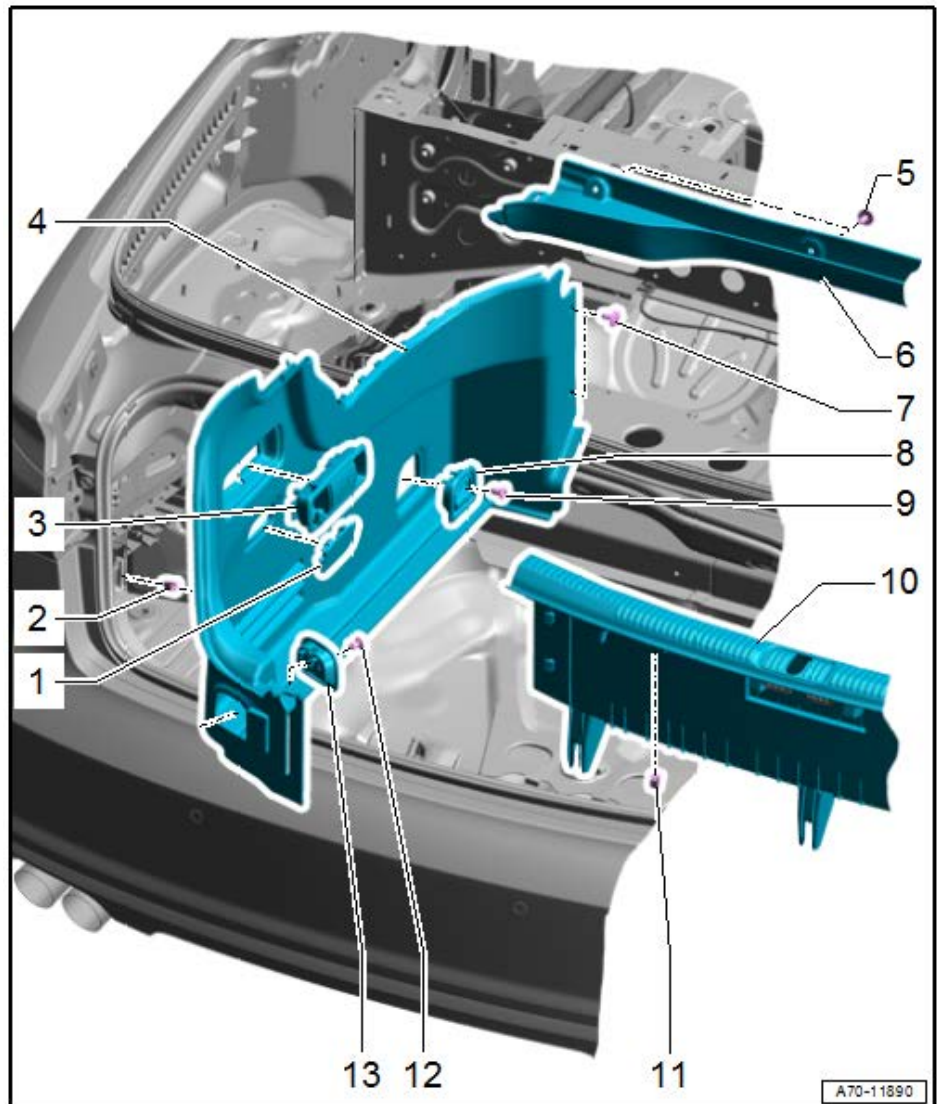
- 4 x
- Insert into the trim
- Replace any damaged or deformed clips.
- Place any clips remaining in the mounting points in the trim ready for installation

#### 12 - Screw

- 8 Nm

#### 13 - Lashing eye

- removal and installation ⇒ [Page 19](#)



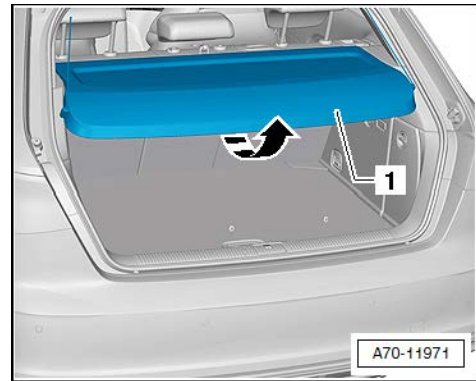


## 5.5 Removing the rear shelf, A3, A3 Sportback

- Pull up the rear shelf -1- -arrow- and remove.

### Notes on installation

- Insert the left and right of the shelf into the mounts in the luggage compartment side trim and push the shelf forward.



## 5.6 Removing the rear cross panel trim

- Pull off the rear lid seal -2- in the area of the rear cross panel trim.
- Using the removal lever -80 - 200-, unclip the rear cross panel trim -3- vertically using an upward motion -arrows- and remove it.

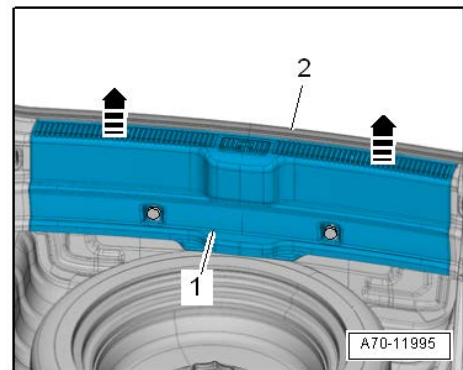
### Note

Relatively substantial force is required to unclip the rear cross panel trim from the rear cross panel.

### Notes on installation

Installation is carried out in reverse order. Please note the following points:

- Insert the rear cross panel trim such that it catches on the left and right in the luggage compartment side trim and the tabs engage in the pins -1- and -4-.
- Pull the rear lid seal over the rear cross panel trim.



## 5.7 Removing the left-hand luggage compartment light

### Note

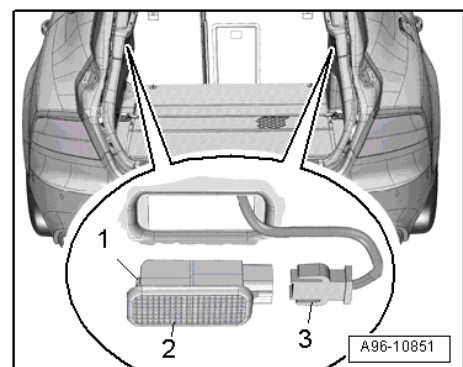
Equipment variant. Not installed in all vehicles.

- Using a flat-bladed screwdriver, push in the locking lug -1- and prise out the luggage compartment light.
- Detach the electrical connector -3-.

### Notes on installation

Installation is carried out in reverse order. Please note the following points:

- Connect the electrical connector.
- Insert the luggage compartment light into the opening and engage on the opposite side.





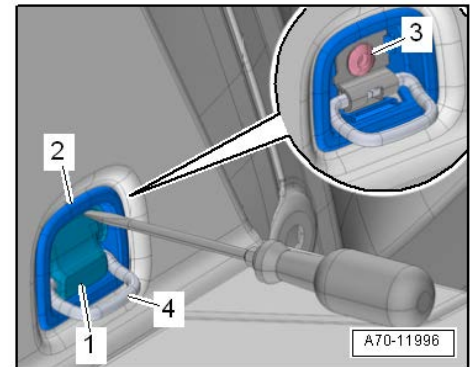
## 5.8 Removing and installing the lashing eye, A3 Saloon, A3 Cabriolet

- Fold out bracket -4- and cover -1- using a screwdriver.
- Unscrew screw -3- and remove lashing eye -2-.

### Notes on installation

Installation is carried out in reverse order. Please note the following points:

Tightening torque for screw -3-: ⇒ [Page 14](#)



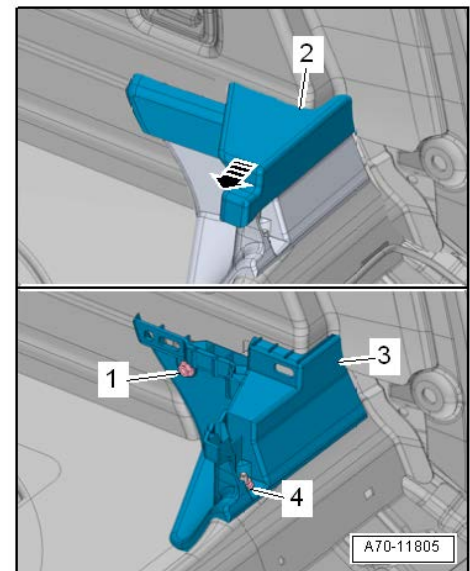
## 5.9 Removing the support for the luggage compartment floor, A3, A3 Sportback

- Fold the rear seat backrest forward.
- Remove tool box using the vehicle tool kit.
- Unclip upper support -2- and remove by pulling the support inwards -arrow-.
- Unscrew screw -1- and nut -4-.
- Disengage lower support -3- and remove.

### Notes on installation

Installation is carried out in reverse order. Please note the following points:

Tightening torque for screw -1- and nut -4-: 4 Nm





## 5.10 Removing the side cushion, A3 Sportback, A3 Saloon, equipment variant

### **WARNING**

Observe the relevant safety regulations ⇒ **Page 2**.

- Remove the rear seat bench ⇒ **Page 13**.
- Unscrew the nut -1-.
- Fold the rear seat backrest forward.
- Hold the belt to the side, pull the side cushion -2- downwards -arrow- and remove.

### **WARNING**

*Before handling the pyrotechnic components (e.g. when disconnecting the electrical connector), the personnel working on the system must first “discharge any static electricity”. This can be done by briefly touching the door latch, for example.*

- Disconnect the electrical connector (yellow) for the rear side airbag.
- To do this, pull the locking mechanism -1- in the direction indicated -arrow-, and disconnect electrical connector -2- and -3-.

### Notes on installation

Installation is carried out in reverse order. Please note the following points:

### **WARNING**

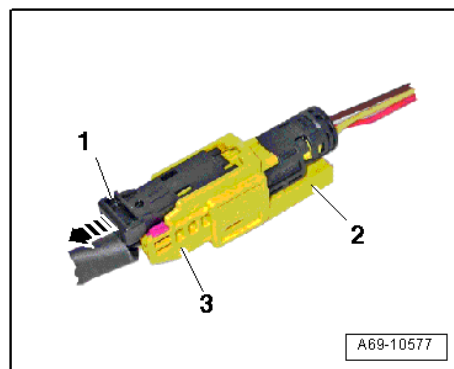
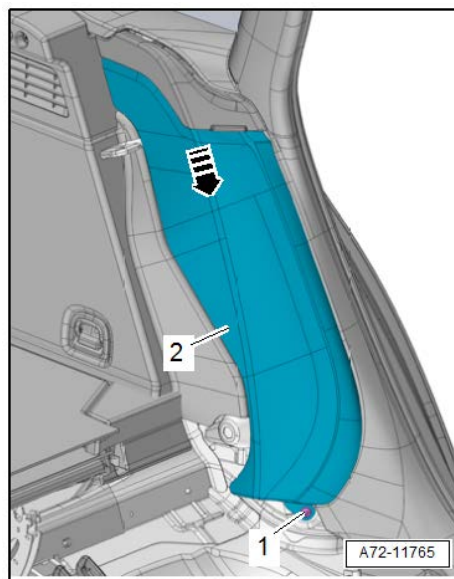
Observe the relevant safety regulations ⇒ **Page 2**.

*Before handling the pyrotechnic components (e.g. when disconnecting the electrical connector), the personnel working on the system must first “discharge any static electricity”. This can be done by briefly touching the door latch, for example.*

### **Note**

*The electrical connector for the side airbag must be pushed in as far as it will go and must audibly engage.*

Tightening torque of nut for side cushion: 9 Nm







## 5.11 Service position of convertible roof and convertible roof compartment lid, A3 Cabriolet

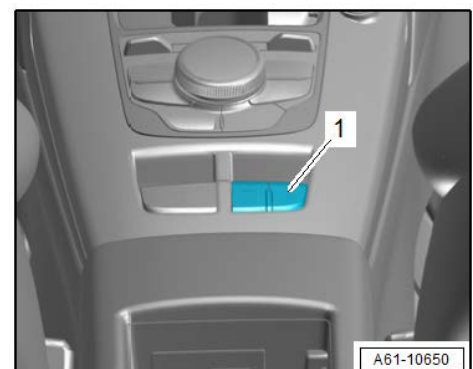
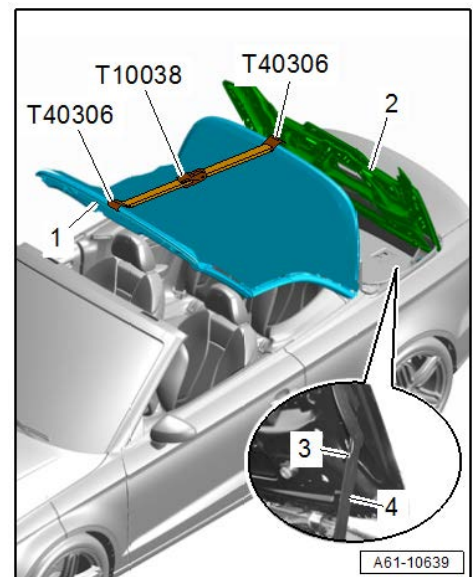
### **WARNING**

*Risk of injury when convertible roof is not fully open.*

- ◆ *When moving into the service position, the convertible roof compartment lid must be moved fully to the rear until it reaches the end position.*
- ◆ *Before carrying out any work on the convertible roof system, hydraulic pressure in the system must also be relieved.*
- ◆ *Reason: After approximately six minutes, the convertible roof control unit builds up the hydraulic pressure in the system abruptly and there is a risk that the convertible roof compartment lid will close in an uncontrolled manner.*
- ◆ *Further operations are only permitted once the hydraulic pressure is relieved.*

### Sequence of operations

- Open the convertible roof until the convertible roof -1- and convertible roof compartment lid -2- reach the position indicated.
- Make sure that the convertible roof compartment lid in the “open” position is secured against accidental closure by pressing the hinge on the upper deflection point as far as it will go -3- on the strut -4-.
- Thread the tensioning strap -T10038- into the hook -T40306- and tighten the shaft with three turns of the quick-release clamp.
- Hook -T40306- the front and rear hooks into the centre of the edge of the convertible roof and adjust as necessary.
- When the ignition is switched off, press and hold the convertible top operation button -E137- -1- for approximately five seconds. Doing so relieves the pressure in the hydraulic system.



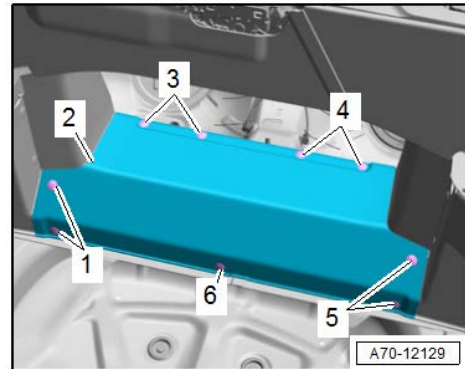


## 5.12 Removing the front luggage compartment trim, A3 Cabriolet

- Fold the rear seat backrest forward.
- Remove the luggage compartment floor mat ⇒ [Page 11](#).
- Remove the expanding clips -1, 3, 4, 5, 6- using the removal lever -80 - 200-.
- Lift the rear seat backrest slightly, pull the front luggage compartment trim -2- upwards and remove it by pulling it backwards.

### Notes on installation

To install, follow the removal steps in reverse order.



## 5.13 Removing the left-hand luggage compartment side trim

⇒ “[Removing the left-hand luggage compartment side trim, A3, A3 Sportback](#)” on page 22

⇒ “[Removing the left-hand luggage compartment side trim, A3 Saloon](#)” on page 23

⇒ “[Removing the left-hand luggage compartment side trim, A3 Cabriolet](#)” on page 24

### 5.13.1 Removing the left-hand luggage compartment side trim, A3, A3 Sportback

- Equipment variant with side cushions, A3 Sportback: Remove the side cushions ⇒ [Page 20](#).
- Remove the rear shelf ⇒ [Page 18](#).
- Fold the rear seat backrest forward.
- Remove the luggage compartment floor mat ⇒ [Page 11](#).
- Remove tool box using the vehicle tool kit.
- Remove the rear cross panel trim ⇒ [Page 18](#).
- Remove the left-hand luggage compartment light ⇒ [Page 18](#).
- Remove the support for the luggage compartment floor ⇒ [Page 19](#).



- Unscrew the screw -4- and lashing eye -3-.
- Unscrew the screw -2-.
- Remove the compartment -5-.
- Carefully pull the luggage compartment side trim -1- out of the body and remove.

#### Notes on installation

Installation is carried out in reverse order. Please note the following points:

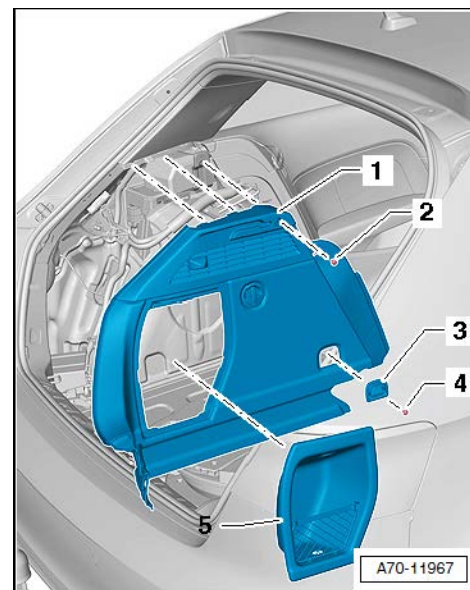
#### Note

- ◆ *If the clips for the trim remain in the mounting points in the body, remove these clips and insert into the trim.*
- ◆ *Check the clips for damage or deformation and replace as necessary.*
- ◆ *The electrical connector for the luggage compartment light must be pushed in as far as it will go and must audibly engage.*
- Pull the rear lid seal over the luggage compartment side trim.

Tightening torques ⇒ [Page 14](#).

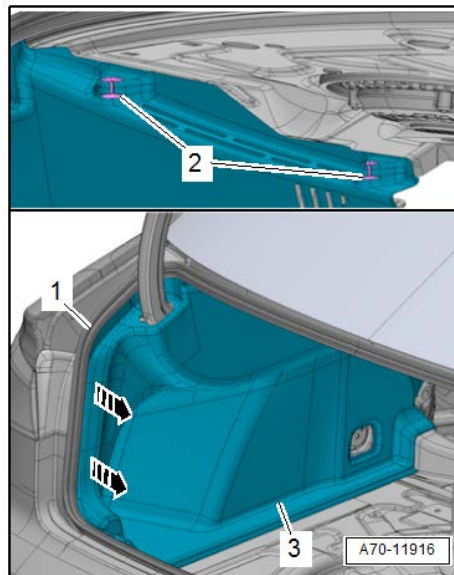
#### 5.13.2 Removing the left-hand luggage compartment side trim, A3 Saloon

- Equipment variant with side cushion: Remove the side cushions ⇒ [Page 20](#).
- Fold the rear seat backrest forward.
- Remove the luggage compartment floor mat ⇒ [Page 11](#).
- Remove the rear cross panel trim ⇒ [Page 18](#).
- Remove the lashing eye ⇒ [Page 19](#).
- If fitted, remove the left-hand luggage compartment light ⇒ [Page 18](#).
- Remove cover for luggage compartment side trim.

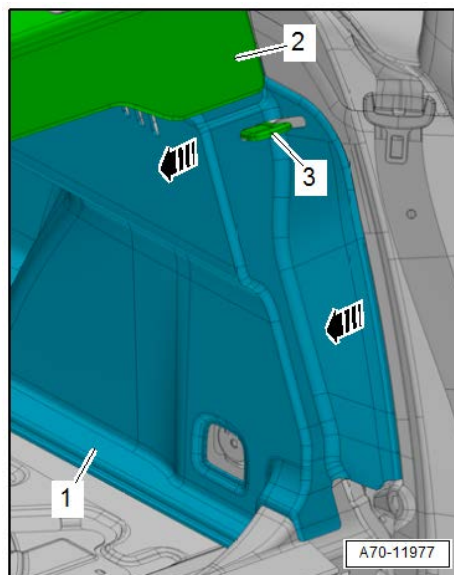




- Remove the expanding clips -2-.
- Remove the rear lid seal -1- in the area of the luggage compartment side trim.
- Using the removal lever -80 - 200-, prise the luggage compartment side trim -3- away from the body -arrows-.
- Disengage the luggage compartment side trim on the rear lid hinge.
- Pull the upper luggage compartment side trim inwards.



- Unclip the front of the luggage compartment side trim -1- from the sill panel trim -arrows-.
- Pull out the luggage compartment side trim under the rear shelf -2- and unhook and remove the rear seat backrest striker -3-.



#### Notes on installation

Installation is carried out in reverse order. Please note the following points:

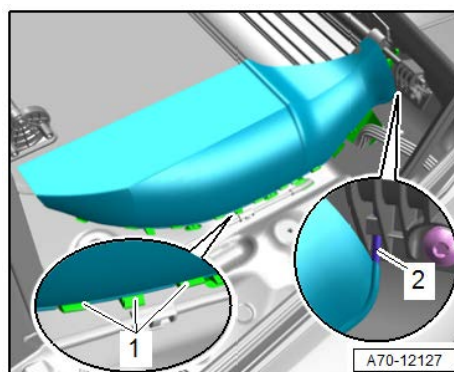
#### Note

- ◆ If the clips for the trim remain in the mounting points in the body, remove these clips and insert into the trim.
  - ◆ Check the clips for damage or deformation and replace as necessary.
  - ◆ The electrical connector for the luggage compartment light must be pushed in as far as it will go and must audibly engage.
- Pull the rear lid seal over the luggage compartment side trim.

Tightening torques ⇒ [Page 14](#).

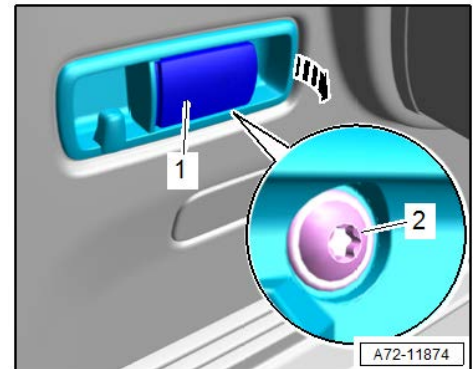
### 5.13.3 Removing the left-hand luggage compartment side trim, A3 Cabriolet

- Move the convertible roof and convertible roof compartment lid into the service position ⇒ [Page 21](#).
- Unclip retaining clip -2- for the convertible roof compartment tray on locking lugs -1- along the luggage compartment side trim.
- Close the convertible roof and convertible roof compartment lid.
- Remove the luggage compartment floor mat ⇒ [Page 11](#).

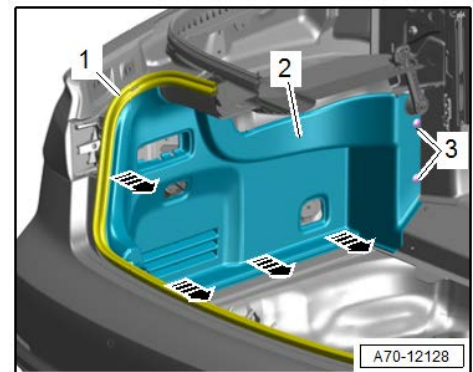




- Remove the rear cross panel trim ⇒ [Page 18](#).
- Remove the front luggage compartment trim ⇒ [Page 22](#).
- Remove the lashing eyes ⇒ [Page 19](#).
- If fitted, remove the left-hand luggage compartment light ⇒ [Page 18](#).
- Pull lever -1- and release the rear seat backrest.
- Pull and hold the lever and remove bolt -2-.
- Lift out the backrest release mechanism -arrow- and allow to hang with the Bowden cable attached.



- Remove the expanding clips -3- using the removal lever -80 - 200-.
- Remove the rear lid seal -1- in the area of the luggage compartment side trim.
- Pull the rear and lower luggage compartment side trim -2- inwards -arrows-.
- Disengage the luggage compartment side trim on the convertible roof storage compartment.
- Pull the luggage compartment side trim inwards, disconnect any electrical connectors and remove the luggage compartment side trim.



### Notes on installation

Installation is carried out in reverse order. Please note the following points:

#### Note

- ◆ *If the clips for the trim remain in the mounting points in the body, remove these clips and insert into the trim.*
- ◆ *Check the clips for damage or deformation and replace as necessary.*
- ◆ *The electrical connector for the luggage compartment light must be pushed in as far as it will go and must audibly engage.*
- Pull the rear lid seal over the luggage compartment side trim.





## 5.14 Removing the hydraulic pump from the side pocket

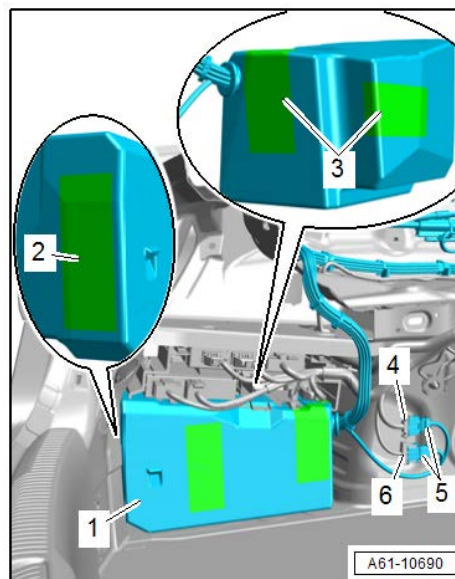
- Disconnect electrical connectors -4, 6- and expose connector -5-.
- Take the hydraulic pump -1- out of the side pocket and place in the luggage compartment with the hydraulic lines still connected.

### Note

Disregard position -1- and -2-.

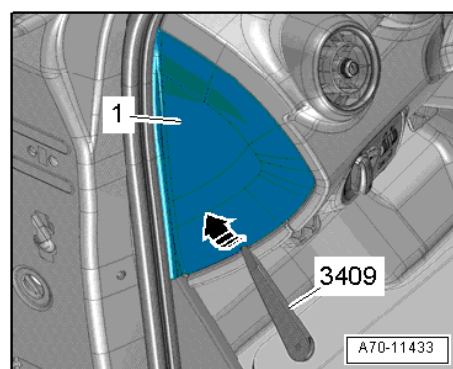
### Notes on installation

To install, follow the removal steps in reverse order.



## 5.15 Removing the side dash panel cover

- Prise off the cover -1- using the removal wedge -3409- -arrow-.
- Pull the cover back from the central tube and remove.



## 5.16 Removing the dash panel cover on the driver side, left-hand drive vehicles

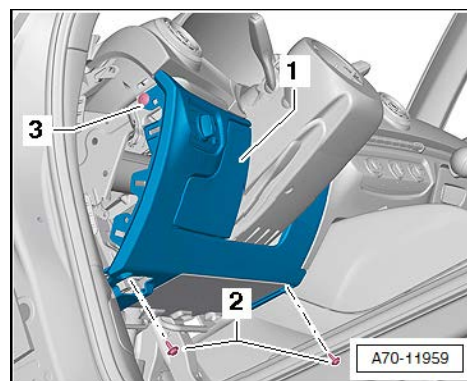
- Remove the side dash panel cover ⇒ [Page 26](#).
- Screw out bolts -2- and -3-.
- Unclip the dash panel cover -1- with a downwards motion and remove.
- Detach the electrical connectors.

### Notes on installation

Installation is carried out in reverse order. Please note the following points:

- Connect the electrical connectors.

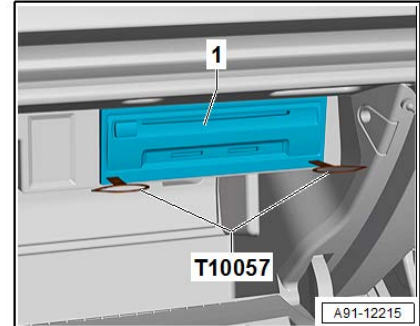
Tightening torque: 3 Nm





## 5.17 Removing the control unit 1 for information electronics -J794-, right-hand drive vehicles

- Open the glove compartment.
- Insert the two clips of the release tool for the radio -T10057- into the release slots on the control unit 1 for information electronics -J794- -1- until the clips engage. The tips on the gripping eyes should face upwards.
- Pull the control unit 1 for information electronics -J794- -1- out of the glove compartment using the gripping eyes of the release tool for the radio -T10057-.
- Release and disconnect the electrical connectors on the control unit 1 for information electronics -J794- -1-.

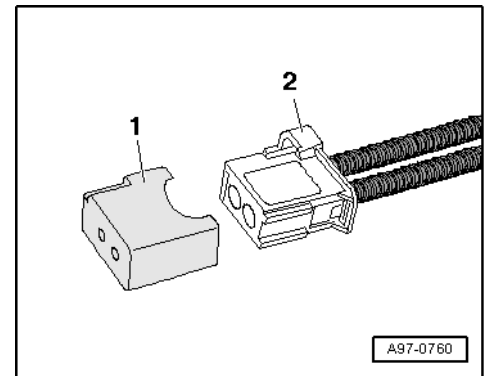


- Connect the protective cap for wiring harness connector -VAS 6223/9- -1- to the MOST bus connector -2-.
- Pull out the release tool for the radio -T10057-. To do this, press the locking tabs on the control unit 1 for information electronics -J794-.

### Notes on installation

Installation is carried out in reverse order. Please note the following points:

- Connect all connectors.
- Push the control unit 1 for information electronics -J794- into the glove compartment until the control unit engages.

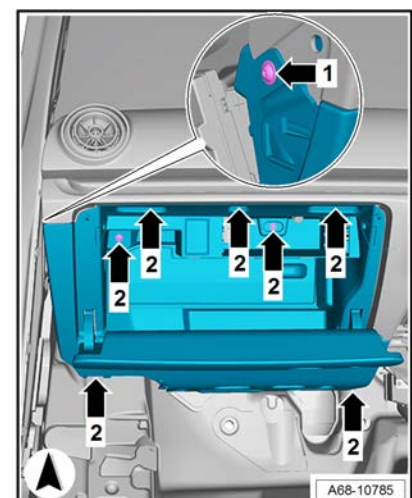


## 5.18 Removing the glove compartment, right-hand drive vehicles

- Remove the side dash panel cover ⇒ [Page 26](#).
- Remove the control unit 1 for information electronics -J794- ⇒ [Page 27](#).
- Undo the screw -arrow 1- on the side.
- Open the glove compartment cover and undo the screws -arrows 2-.
- Carefully pull out the glove compartment until the electrical connectors can be disconnected.
- Disconnect any electrical connectors and remove the glove compartment.

### Notes on installation

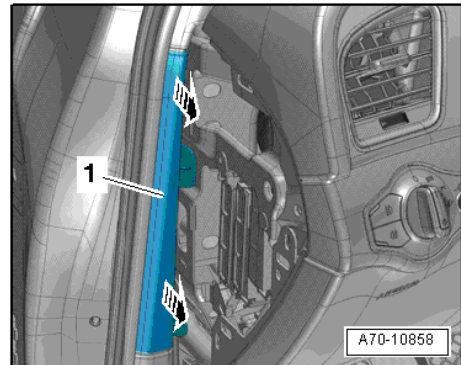
To install, follow the removal steps in reverse order.





## 5.19 Removing the gap cover on the A-pillar

- Remove the side dash panel cover ⇒ [Page 26](#).
- Unclip the gap cover -1- in -the direction of the arrow-.
- Pull the gap cover upwards out of the clips on the A-pillar and remove.



## 5.20 Removing the bonnet actuating lever, left-hand drive vehicles

- Pull the securing clip -2- slightly away from the actuating lever -1- -arrow A- using a small screwdriver.
- Pull the actuating lever backwards -arrow B- (this releases the bonnet) and hold it in this position.

### **WARNING**

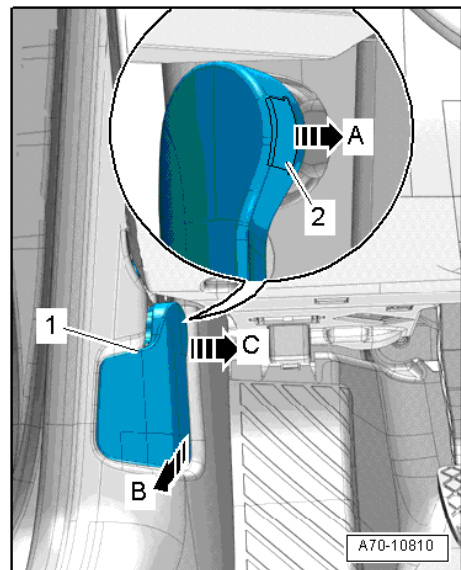
*Pulling out the actuating lever on a slant can damage the fixture.*

- At the same time, the actuating lever must be pulled out of its fixture horizontally towards the centre of the vehicle -arrow C-.

### Notes on installation

Installation is carried out in reverse order. Please note the following points:

- Push the clips completely into the actuating lever.
- Press the actuating lever onto the fixture in the mounting bracket and make sure that it engages.



## 5.21 Removing the A-pillar trim, lower section

⇒ **“Removing the bottom A-pillar trim, A3, A3 Saloon, A3 Cabriolet” on page 28**

⇒ **“Removing the A-pillar trim, lower section, A3 Sportback” on page 29**

### 5.21.1 Removing the bottom A-pillar trim, A3, A3 Saloon, A3 Cabriolet

- Remove the side dash panel cover ⇒ [Page 26](#).
- Remove the gap cover on the A-pillar ⇒ [Page 28](#).





- Unclip the side panel trim at the front from the lower section of the A-pillar trim.

#### Left-hand drive vehicles

- Remove the bonnet actuating lever ⇒ [Page 28](#).
- Unscrew the screw -2-.

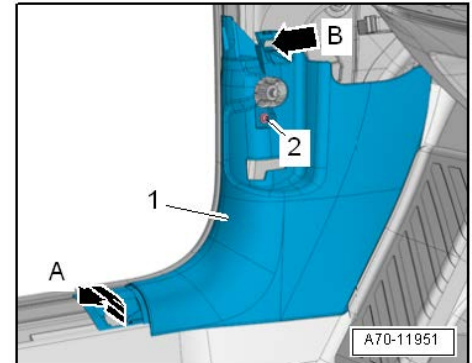
#### Continue for all vehicles

- Unclip the lower section of the A-pillar trim -1- from the side member and pull it back -arrow A-.
- Uncouple the lower section of the A-pillar trim at the bolt -arrow B- from the A-pillar and remove.

#### Notes on installation

Installation is carried out in reverse order. Please note the following points:

Tightening torque: 2.5 Nm



### 5.21.2 Removing the A-pillar trim, lower section, A3 Sportback

- Remove the side dash panel cover ⇒ [Page 26](#).
- Remove the gap cover on the A-pillar ⇒ [Page 28](#).

#### Left-hand drive vehicles

- Remove the bonnet actuating lever ⇒ [Page 28](#).
- Unscrew the screw -2-.

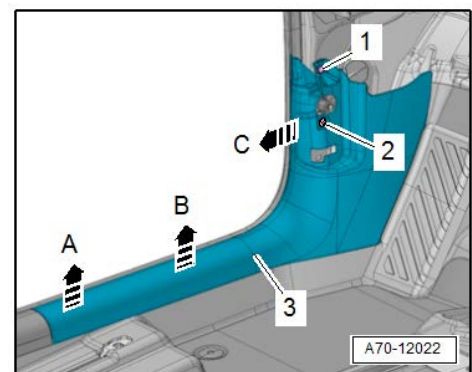
#### Continue for all vehicles

- Using the removal wedge -3409-, unclip the lower section of the A-pillar trim -3- from the side member starting from the back, -arrows A and B-, and pull the trim backwards -arrow C-.
- Uncouple the lower section of the A-pillar trim at the bolt -1- from the A-pillar and remove.

#### Notes on installation

Installation is carried out in reverse order. Please note the following points:

Tightening torque: 2.5 Nm





## 6 Electrical connection

### 6.1 Installing the control unit bracket

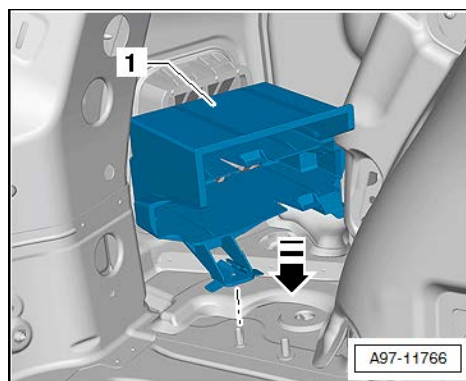
⇒ “Installing the control unit bracket, A3, A3 Sportback” on page 30

⇒ “Install the control unit bracket, A3 Saloon” on page 30

#### 6.1.1 Installing the control unit bracket, A3, A3 Sportback

In vehicles without a control unit bracket in the rear left of the luggage compartment, bracket 8V0.907.333 must also be installed.

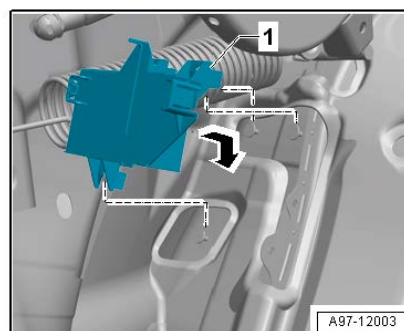
- Fit the bracket -1- onto the threaded bolts -arrow-.



#### 6.1.2 Install the control unit bracket, A3 Saloon

In vehicles without a control unit bracket in the rear left-hand side of the luggage compartment, bracket 8V5.907.333 must also be installed.

- Reconnect holder -1- on the studs and push the holder downwards to lock -arrow-.



### 6.2 Installing the trailer detector control unit -J345-

⇒ “Installing the trailer detector control unit -J345-, A3, A3 Sportback” on page 31

⇒ “Installing the trailer detector control unit -J345-, A3 Saloon” on page 31



⇒ “Installing the trailer detector control unit -J345-, A3 Cabriolet” on page 32

## 6.2.1 Installing the trailer detector control unit -J345-, A3, A3 Sportback

In vehicles with the preparation for the towing bracket, the trailer detector control unit -J345- must be installed.

### Preparatory work

- ◆ Battery has been disconnected ⇒ Page 11.
- ◆ Left-hand luggage compartment side trim has been removed ⇒ Page 22.
- ◆ Control unit bracket has been fitted ⇒ Page 30.
- Insert the trailer detector control unit -J345- -2- into the holder -1- -arrow-.

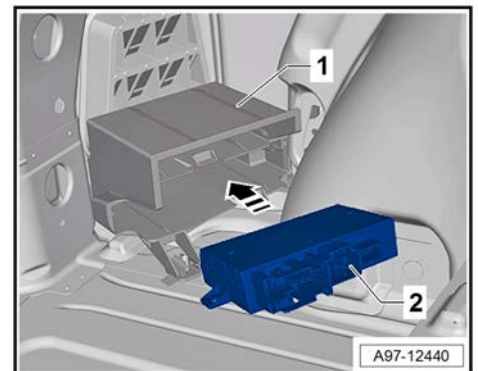
The trailer detector control unit -J345- -2- engages in the bracket -1-.

### Notes on further installation

 **WARNING**

**DO NOT connect the battery!**

**The battery is reconnected ONCE ALL WORK HAS BEEN COMPLETED.**



## 6.2.2 Installing the trailer detector control unit -J345-, A3 Saloon

In vehicles with the preparation for the towing bracket, the trailer detector control unit -J345- must be installed.

### Preparatory work

- ◆ Battery has been disconnected ⇒ Page 11.
- ◆ Left-hand luggage compartment side trim has been removed ⇒ Page 22.
- ◆ Control unit bracket has been fitted ⇒ Page 30.
- Clip the trailer detector control unit -J345- -2- into the holder -1- -arrow-.

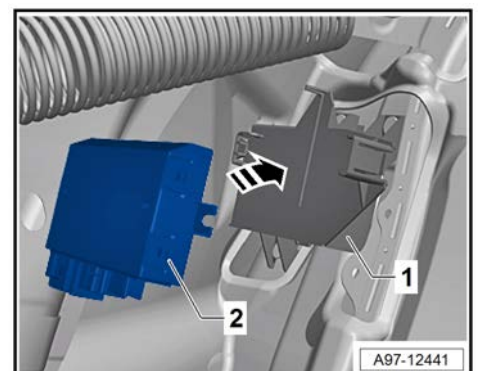
The trailer detector control unit -J345- -2- engages in the bracket -1-.

### Notes on further installation

 **WARNING**

**DO NOT connect the battery!**

**The battery is reconnected ONCE ALL WORK HAS BEEN COMPLETED.**





### 6.2.3 Installing the trailer detector control unit -J345-, A3 Cabriolet

In vehicles with the preparation for the towing bracket, the trailer detector control unit -J345- must be installed.

#### Preparatory work

- ◆ Battery has been disconnected ⇒ [Page 11](#).
- ◆ Left-hand luggage compartment side trim has been removed ⇒ [Page 22](#).
- Insert the trailer detector control unit -J345- -1- into the holder -2- -arrow-.

The trailer detector control unit -J345- -1- engages in the bracket -2-.

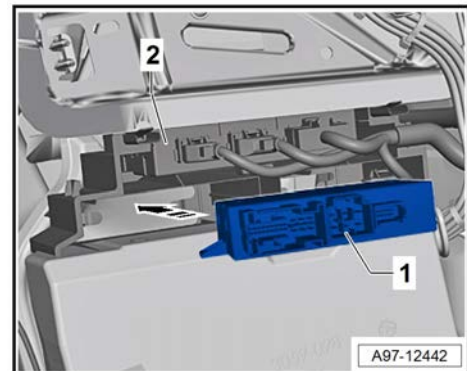
#### Notes on further installation



#### **WARNING**

**DO NOT connect the battery!**

**The battery is reconnected ONCE ALL WORK HAS BEEN COMPLETED.**



### 6.3 Installing the socket retrofit wiring harness

⇒ “Installing the socket for the retrofit wiring harness, A3, A3 Sportback” on page 32

⇒ “Installing the socket for the retrofit wiring harness, A3 Saloon” on page 33

⇒ “Installing the socket for the retrofit wiring harness, A3 Cabriolet” on page 34

#### 6.3.1 Installing the socket for the retrofit wiring harness, A3, A3 Sportback

The “socket” retrofit wiring harness is part of the assembly set for the towing bracket. It is installed once the towing bracket has been fitted.

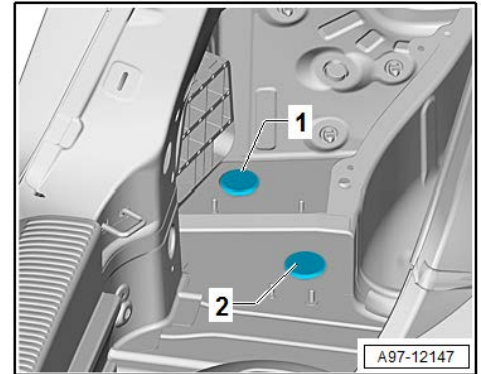
#### Preparatory work

- ◆ Battery has been disconnected ⇒ [Page 11](#).
- ◆ Left-hand luggage compartment side trim has been removed ⇒ [Page 22](#).
- ◆ Trailer detector control unit -J345- has been fitted ⇒ [Page 30](#).



## Installation

- Prise a free blind grommet -1- or -2- out of the opening in the body.
- Guide the retrofit wiring harness through this free opening in the body -1- or -2- from the towing bracket into the luggage compartment.



- Insert grommet -4- into the selected opening in the body.
- Route the retrofit wiring harness -2- along the standard wiring harness to the trailer detector control unit -J345- -3- and connect the retrofit wiring harness to the trailer detector control unit -J345-.
- Establish the earth connection -1-.
- Secure the retrofit wiring harness -2- to the standard wiring harness using cable ties.

The wires must be secured with cable ties to stop them from “slipping” or “wearing”.

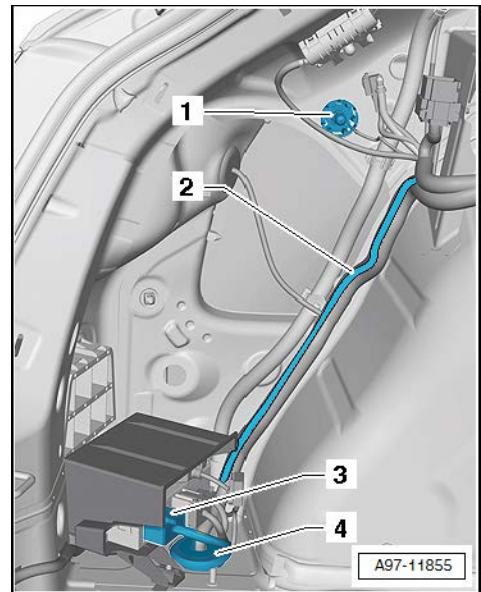
### Notes on further installation



#### **WARNING**

**DO NOT connect the battery!**

**The battery is reconnected ONCE ALL WORK HAS BEEN COMPLETED.**



Earth point tightening torque: 9 Nm

## 6.3.2 Installing the socket for the retrofit wiring harness, A3 Saloon

The “socket” retrofit wiring harness is part of the assembly set for the towing bracket. It is installed once the towing bracket has been fitted.

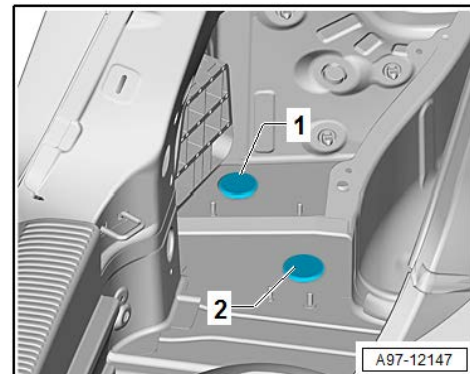
### Preparatory work

- ◆ Battery has been disconnected ⇒ [Page 11](#).
- ◆ Left-hand luggage compartment side trim has been removed ⇒ [Page 22](#).
- ◆ Trailer detector control unit -J345- has been fitted ⇒ [Page 30](#).



## Installation

- Prise a free blind grommet -1- or -2- out of the opening in the body.
- Guide the retrofit wiring harness through this free opening in the body -1- or -2- from the towing bracket into the luggage compartment.



- Insert grommet -4- into the selected opening in the body.
- Route the retrofit wiring harness -3- along the standard wiring harness to the trailer detector control unit -J345- -2- and connect the retrofit wiring harness to the trailer detector control unit -J345-.
- Establish the earth connection -1-.
- Secure the retrofit wiring harness -3- to the standard wiring harness using cable ties.

The wires must be secured with cable ties to stop them from “slipping” or “wearing”.

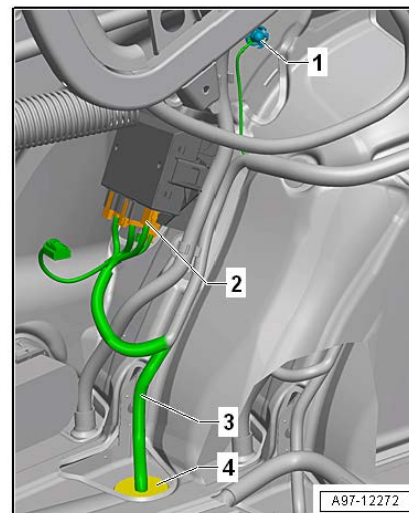
### Notes on further installation



#### **WARNING**

**DO NOT connect the battery!**

**The battery is reconnected ONCE ALL WORK HAS BEEN COMPLETED.**



Earth point tightening torque: 9 Nm

### 6.3.3 Installing the socket for the retrofit wiring harness, A3 Cabriolet

The “socket” retrofit wiring harness is part of the assembly set for the towing bracket. It is installed once the towing bracket has been fitted.

#### Preparatory work

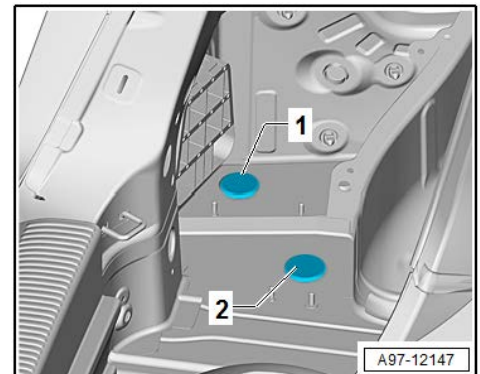
- ◆ Battery has been disconnected ⇒ [Page 11](#).
- ◆ Left-hand luggage compartment side trim has been removed ⇒ [Page 22](#).
- ◆ Remove the hydraulic pump from the side pocket ⇒ [Page 26](#).
- ◆ Trailer detector control unit -J345- has been fitted ⇒ [Page 30](#).



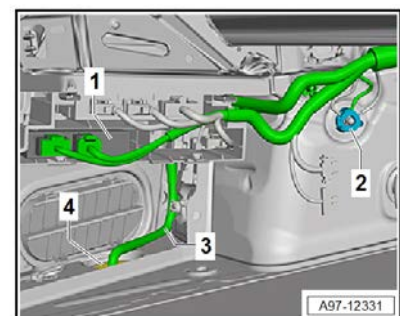


## Installation

- Prise a free blind grommet -1- or -2- out of the opening in the body.
- Guide the retrofit wiring harness through this free opening in the body -1- or -2- from the towing bracket into the luggage compartment.



- Insert grommet -4- into the selected opening in the body.
- Route the retrofit wiring harness -3- along the standard wiring harness to the trailer detector control unit -J345- -1- and connect the retrofit wiring harness to the trailer detector control unit -J345-.
- Make the earth connection -2-.
- Secure the retrofit wiring harness -3- to the standard wiring harness using cable ties.



The wires must be secured with cable ties to stop them from “slipping” or “wearing”.

## Notes on further installation

### **WARNING**

**DO NOT connect the battery!**

**The battery is reconnected ONCE ALL WORK HAS BEEN COMPLETED.**

Earth point tightening torque: 9 Nm

## 6.4 Establishing the power supply to terminal 30

⇒ “Establishing the power supply to terminal 30, left-hand drive vehicles” on page 35

⇒ “Establishing the power supply to terminal 30, right-hand drive vehicles” on page 36

### 6.4.1 Establishing the power supply to terminal 30, left-hand drive vehicles

Terminal 30 is supplied with power via the 4-slot fuse adapter on the bracket for the on-board supply control unit -J519- behind the dash panel cover on the driver side (fuses 1, 2, 3 and 4 are reconnected).

#### Preparatory work

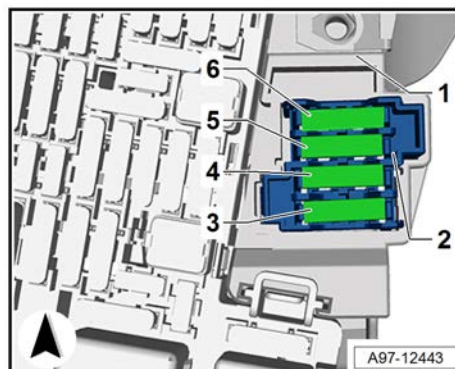
- ◆ Battery has been disconnected ⇒ Page 11.
- ◆ Socket retrofit wiring harness has been fitted ⇒ Page 32.



- ◆ Trailer detector control unit -J345- has been fitted  
⇒ [Page 30](#).

### Installing the fuses

- Connect slots 1, 2, 3 and 4 on the fuse adapter.
- 1 - Bracket for the on-board supply control unit -J519-
  - 2 - 4-slot fuse adapter
  - 3 - Fuse 1: 25 A
  - 4 - Fuse 2: 15 A
  - 5 - Fuse 3: 25 A
  - 6 - Fuse 4: 15 A



#### **WARNING**

**DO NOT connect the battery!**

**The battery is reconnected ONCE ALL WORK HAS BEEN COMPLETED.**

### 6.4.2 Establishing the power supply to terminal 30, right-hand drive vehicles

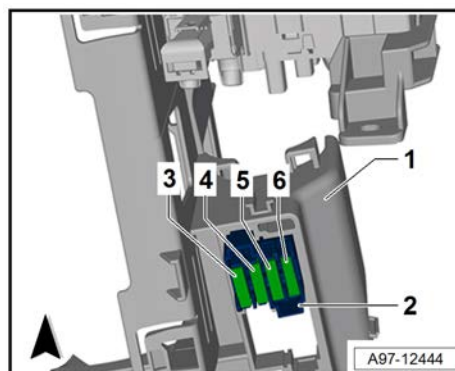
Terminal 30 is supplied with power via the 4-slot fuse adapter on the bracket for the on-board supply control unit -J519- behind the glove compartment (fuses 1, 2, 3 and 4 are reconnected).

#### Preparatory work

- ◆ Battery has been disconnected ⇒ [Page 11](#).
- ◆ Socket retrofit wiring harness has been fitted ⇒ [Page 32](#).
- ◆ Trailer detector control unit -J345- has been fitted  
⇒ [Page 30](#).

### Installing the fuses

- Connect slots 1, 2, 3 and 4 on the fuse adapter.
- 1 - Bracket for the on-board supply control unit -J519-
  - 2 - 4-slot fuse adapter
  - 3 - Fuse 1: 25 A
  - 4 - Fuse 2: 15 A
  - 5 - Fuse 3: 25 A
  - 6 - Fuse 4: 15 A



#### **WARNING**

**DO NOT connect the battery!**

**The battery is reconnected ONCE ALL WORK HAS BEEN COMPLETED.**





## 6.5 Integrating the CAN bus

The CAN bus is integrated by connecting the wires to the left-hand A-pillar. The connector is connected at the standard wiring harness.

### Preparatory work

- ◆ Battery has been disconnected ⇒ [Page 11](#).
- ◆ Left-hand drive vehicles: The dash panel cover on the driver side has been removed ⇒ [Page 26](#).
- ◆ Right-hand drive vehicles: The glove compartment has been removed ⇒ [Page 27](#).
- ◆ The lower left-hand section of the A-pillar trim has been removed ⇒ [Page 28](#).
- ◆ Trailer detector control unit -J345- has been fitted ⇒ [Page 30](#).

### Connecting the CAN bus

- Connect the connector -1-.

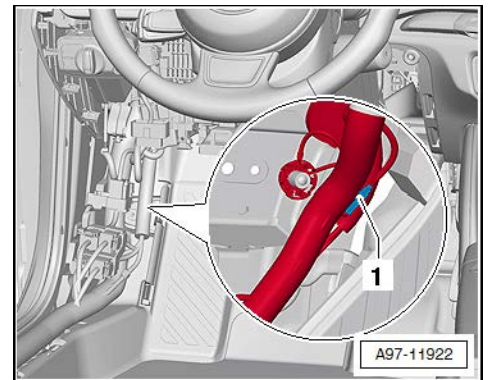
Check for secure engagement.



#### **WARNING**

**DO NOT connect the battery!**

**The battery is reconnected ONCE ALL WORK HAS BEEN COMPLETED.**



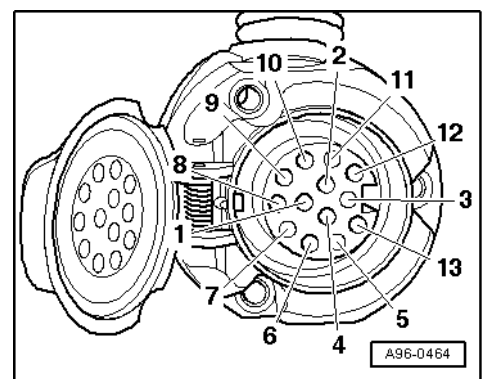
## 6.6 Reassembling the vehicle

To install the components, follow the removal steps in reverse order. Observe the “Notes on installation” for the relevant components and the corresponding tightening torques.

## 6.7 Connection assignment at the trailer socket -U10-

### Trailer socket -U10-, 13-pin

Con tact	Assignment	Wire colour
1	Turn signal (TS), left	Black/white
2	Rear fog light (RFL)	Grey/blue
3	Terminal 31, earth	Brown
4	Turn signal (TS), right	Black/green
5	Tail light, right (58R)	Grey/red
6	Brake light (54)	Black/red
7	Tail light, left (58L)	Grey/black





<b>Contact</b>	<b>Assignment</b>	<b>Wire colour</b>
8	Reversing light (RL)	Black/blue
9	Terminal 30, 12-V battery	Red
10	Terminal 15, charging cable	Yellow
11	Terminal 31, earth	Brown/white
12	⇒ Current flow diagrams, Electrical fault finding and Fitting locations	Not assigned
13	Terminal 31, earth	Brown



## 7 Concluding operations

On vehicles with lane change assist, this must be recalibrated.

### **WARNING**

**The following information must be observed when working with the lane change assistant (Audi side assist):**

- ◆ **If the rear bumper is removed and then reinstalled or if any modifications are made to the rear bumper, the lane change assistant (Audi side assist) must be recalibrated. There is a risk of accident due to malfunction.**

– Consult an Audi or VW workshop.

Keep these assembly instructions together with the vehicle documents so that they can be presented to authorised persons upon request.

### 7.1 Connecting the battery

#### **WARNING**

**The battery must be connected when the IGNITION is SWITCHED ON. There must not be anybody inside the vehicle. Exception: vehicles with battery fitted inside the vehicle. Do not sit within the airbag and seat belt deployment range.**

**Incorrect repairs to pyrotechnic components (e.g. airbags, belt tensioners) can cause parts to activate unintentionally once the battery has been connected.**

- Switch on ignition.
- Screw the battery terminal clamp for the earth wire -3- onto the battery negative terminal.

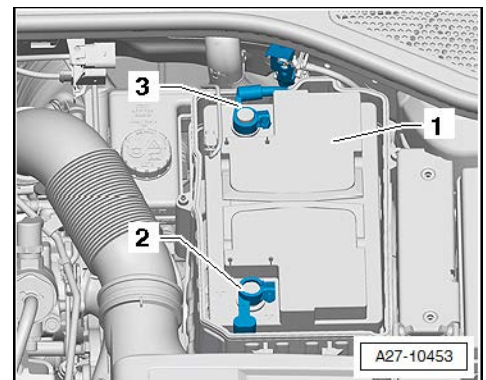
Waiting time: 10 seconds

- Switch off the ignition
- Fit the battery cover.

Tightening torque of nuts on battery terminal clamp: 6 Nm

#### **Steps after disconnecting the battery**

- ◆ Switch on the ignition using the ignition key and then switch off again.
- ◆ Read out the fault memory ⇒ vehicle diagnostic testers.
- ◆ Clock: Check time setting and reset.
- ◆ Electric window regulator: Fully open all windows and then close again.
- ◆ Window regulator convenience switching mechanism: When the convenience switching mechanism is actuated, the window must close without having to hold down the switch.





- ◆ Function test of all electrical consumers.
- When doing so, please also refer to the ⇒ operating manual for the vehicle.

 **Note**

*After reconnecting the power supply, the ESP warning light can only extinguish after a few metres have been driven.*

## 7.2 Adjusting the coding

The codes are adjusted using the ⇒ vehicle diagnostic tester. This must be connected “online”.

- Consult an Audi or VW workshop.

## 7.3 Function testing

- Test the function of the trailer socket -U10- using the trailer socket tester -VAS 5800-, a trailer or a test lamp.
- ◆ Connection assignment at the trailer socket -U10- ⇒ [Page 37](#).

## 7.4 Adjusting the cooling system

As trailer operation puts greater demands on the engine cooling system, the cooling system is upgraded—where technically possible—when the towing bracket is installed in the factory. This is achieved by installing a more powerful or second cooling fan and/or a larger cooler. Hot country versions of vehicles and/or those with air conditioning systems have a more powerful engine cooling system, but this system may not be adequate for towing.

When a towing bracket is retrofitted, the cooling unit should be upgraded unless this has already been done at the factory. Otherwise, a high engine load (e.g. high trailer load, high ambient temperatures, mountains) could cause the cooling system to overheat. In the event of an alteration, the parts in the Genuine Parts catalogue must be used in the engine cooling system during trailer operation. The work instructions in the relevant workshop manuals must also be observed.

The cooling system does not need to be upgraded if it is possible to guarantee that the engine is only exposed to moderate stress, e.g.:

- ◆ The permissible gross combination weight is significantly underderrun
- ◆ No high ambient temperatures
- ◆ No long, steep inclines
- ◆ No high altitude journeys

In any case, the coolant temperature display must be carefully monitored. If the display moves into the hot area, the speed must be reduced immediately. A cool-down time must also be



allowed for if necessary. This involves the allowing the engine to idle for approx. 2 minutes to prevent a build-up of heat.

 **Note**

- ◆ *In vehicles with air-conditioning, the engine cooling system can be relieved by switching off the air-conditioning. This also improves the vehicle's start-up behaviour and makes it safer to overtake.*
- ◆ *If the cooling system does not need to be upgraded, the seller must advise the buyer accordingly if the vehicle is sold.*