



## Installation instructions

**Audi Q5 2009 ►**

**Towing bracket (ECE), for scope of delivery  
8R0 092 157\***

**Audi Genuine Accessories®**

Edition 01/2013



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# 1 General notes

Please read and take note of these DANGER, WARNING, Caution and Note descriptions before carrying out maintenance or repair work or fitting add-on parts.

## **WARNING**

- ◆ *Text with this symbol contains information concerning your safety and how you can reduce the risk of serious and fatal injuries.*
- ◆ *Pay special attention to the WARNING symbol. Make sure that you read the relevant texts thoroughly.*

## **Caution**

- ◆ *Text with this symbol contains information on how to avoid vehicle damage.*
- ◆ *A Caution symbol indicates that failure to follow information could lead to damage to the vehicle (e.g. make sure that the ignition has been switched off before the vehicle battery is connected, otherwise the engine control unit could be damaged).*

## **Note**

- ◆ *Text with this symbol contains additional useful information.*
- ◆ *A Note symbol also contains special and additional information on repair measures and associated information.*

**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 Notes on towing bracket Fitting and operation

### Towing vehicle

Manufacturer: AUDI AG  
Model: Q5 2009 ►  
Type: 8R

**Maximum trailer weight or trailer drawbar load in kg, as specified by the manufacturer for the above model: ⇒ vehicle registration certificate/Owner's Manual.**

### Towing bracket:

Technical data	
ORIS model code	E446
EU No.:	e1* 94/20* 1777* xx

Details in the vehicle registration certificate are decisive.

 **WARNING**

**Do not exceed the verified D-value.**

**Do not exceed the permissible trailer drawbar load.**

The towing bracket is intended for towing trailers fitted with a tow ball and for operating carriers suitable for mounting to the coupling ball.

Nationally applicable regulations must be adhered to in EU and non-EU countries.

Improper use is prohibited.

Use is only permitted under favourable road conditions and must be adapted to road conditions.

### Fitting

 **WARNING**

**For safety reasons, the towing bracket must only be fitted by skilled personnel.**

- **If replacement parts are required, these must only be installed by skilled personnel and to undamaged genuine parts.**
- **Installation must be in line with AUDI AG/VW AG guidelines.**
- **Modification of the towing bracket is prohibited. This will invalidate the type approval.**
- **Use of the mounting points approved as standard by the vehicle manufacturer is mandatory.**



 **Caution**

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

- ◆ **Please consult a qualified workshop should modifications to the cooling system be required. Further notes can be found in the “towing mode” guidebook.**
- Remove body cavity sealant (wax) or insulation material from the area around the contact surfaces of the towing bracket with the vehicle underseal.
- In order to provide adequate corrosion protection to bare metal body parts, apply the following products with a brush.
  - ◆ Single-component primer filler/surfacer LGF 008 001 42/A3
  - ◆ Two-component vario filler/surfacer, grey LGF 786 004 A3
  - ◆ Paint to match the vehicle colour
  - ◆ Body cavity preserving agent D 330 KD2 A1

**Operation**

 **WARNING**

**Vehicle handling is affected by the use of towing mode; increased driver awareness is required.**

- **Carefully read the notes in the “Towing mode” ⇒ chapter of the vehicle Owner’s Manual.**

**The ball coupling must always be kept clean. A cover must be used.**

- **If you are using trailer stabilisers, the coupling ball must be free from grease. Carefully read the notes in the relevant Owner’s Manuals.**

**The diameter of the ball coupling must be checked at regular intervals.**

- **For safety reasons, use of the towing bracket must be discontinued if the diameter reaches 49 mm at any point. If this situation occurs, contact a qualified workshop.**

**For safety reasons, you are advised to swivel the ball rod inwards when not in use.**

 **Note**

- ◆ *The towing bracket including all assembly parts weighs approx. 30 kg.*
- ◆ *Please note that the kerb weight of your vehicle will increase by this amount once the towing bracket is fitted.*
- ◆ *Please make sure that you do not exceed the gross vehicle weight rating for your vehicle.*

 **Note**

*Use the towing bracket when towing.*

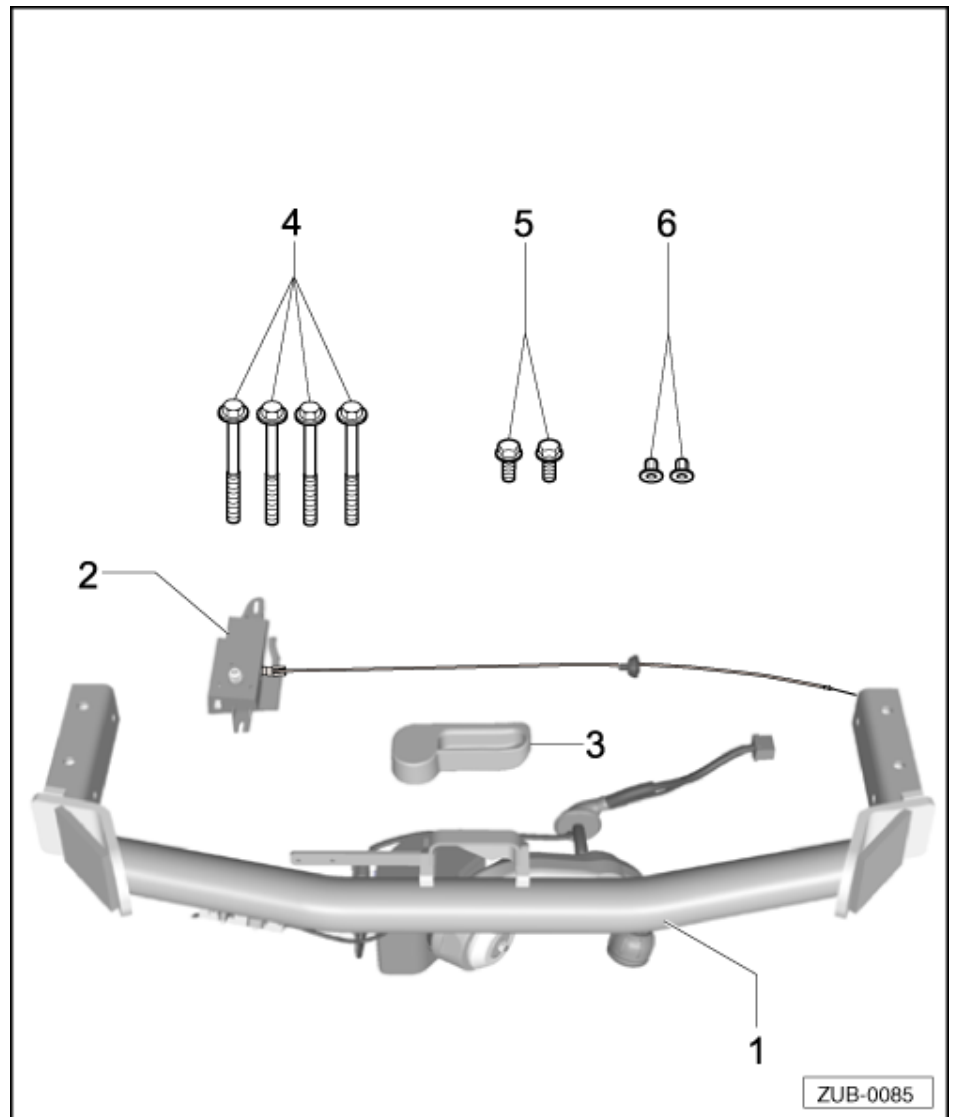


## **3 Parts allocation**

**Parts set 8R0 092 155.**



- 1 - Towing bracket
- 2 - Coupling release mechanism
- 3 - Actuating lever with securing clip
- 4 - Bolt, M10x105 10.9 (4x)
- 5 - Bolt (2x)
- 6 - Pop rivet nut (2x)



UKI/US

#### Series production models

- Select a diffuser with towing bracket opening and trim panel from the electronic parts catalogue (ETKA) ⇒ ETKA and replace, or cut out diffuser using workshop tools ⇒ [Page 18](#).

#### Vehicles with S line package

These vehicles are equipped with towing bracket opening and trim panel on the diffuser.

#### Vehicles with offroad styling package

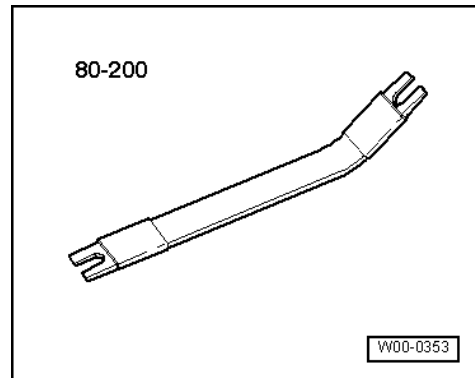
- Select impact guard and trim panel with fastening equipment for towing mode from ETKA ⇒ ETKA and replace ⇒ [Page 18](#).



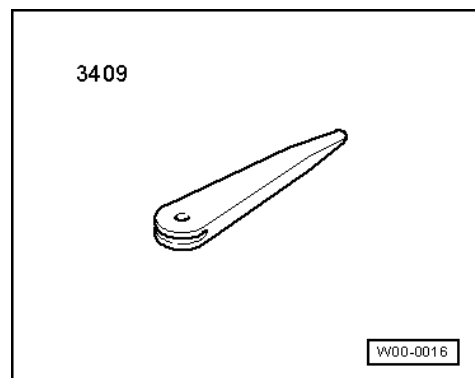
## 4 Preparations

### Special tools and workshop equipment required

- ◆ Removal lever -80 - 200-



- ◆ Removal wedge -3409-

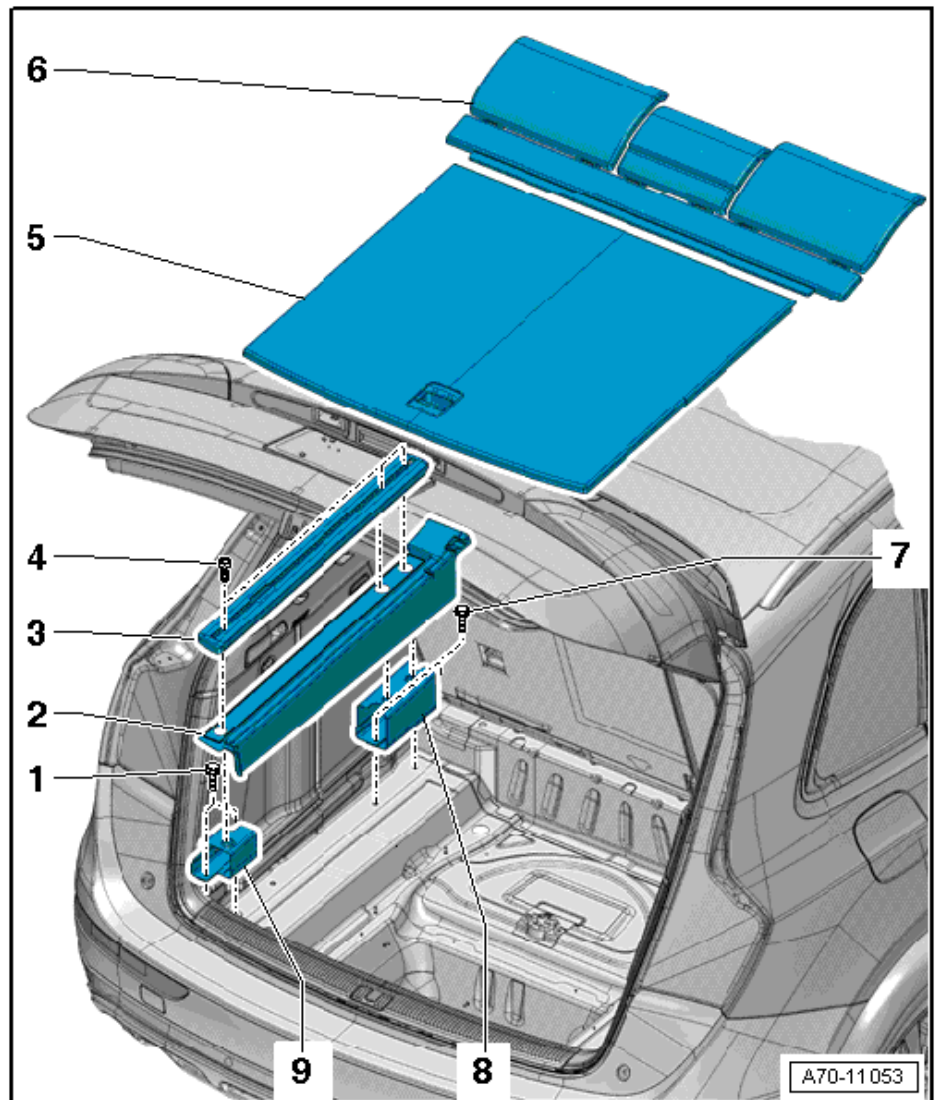






## 4.1 Assembly overview of luggage compartment floor

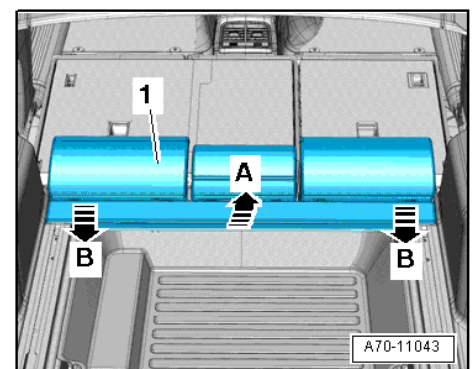
- 1 - Screw**
  - 4 x
  - 60 Nm
- 2 - Trim cover for door**
  - Removal
  - ⇒ Page 8
- 3 - Support rail**
  - Equipment variant
  - Removal
  - ⇒ Page 8
  - Alternatively, fixed fastening rings — removal
  - ⇒ Page 8
- 4 - Screw**
  - 6 x
  - 4 Nm
- 5 - Rear boot flooring**
- 6 - Front boot flooring**
  - Removal
  - ⇒ Page 7
- 7 - Screw**
  - 4 x
  - 60 Nm
- 8 - Front bracket**
- 9 - Rear bracket**
  - Removal
  - ⇒ Page 9



UKI/US

## 4.2 Removing front luggage compartment floor

- Fold the rear seat backrests forwards.
- Remove the rear luggage compartment floor.
- Lift up front luggage compartment floor -1- (-arrow A-) and remove it to the rear (-arrows B-).





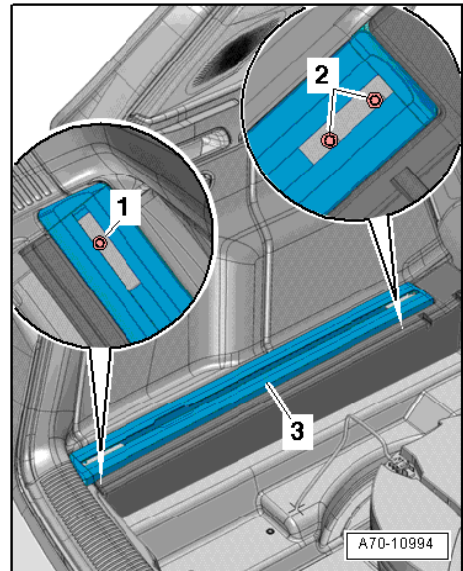
### 4.3 Vehicles with support rails Removing support rails

**i** Note

Installation and removal are identical on both the right and left.

- Remove bolts -1, 2- and remove support rails -3-.

Tightening torque ⇒ **Page 7**.



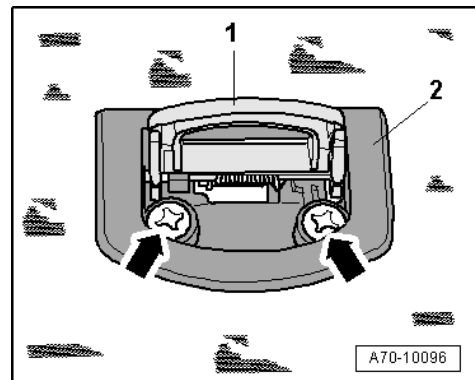
### 4.4 Vehicles with fixed fastening rings — Removing the fastening rings

**i** Note

Installation and removal are identical on both the right and left.

- Fold the fastening rings -1- upwards.
- Remove the bolts -arrows- and the fastening ring attachments -2-.

Tightening torque ⇒ **Page 24**



### 4.5 Removing trim cover for door

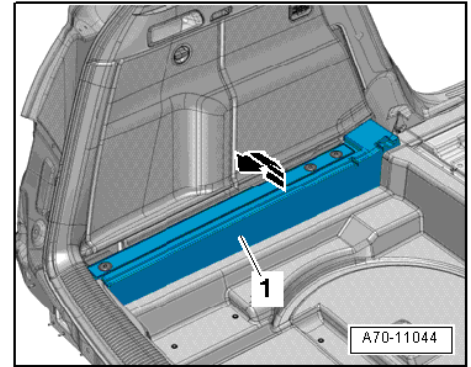
**i** Note

Installation and removal are identical on both the right and left.

- Remove dirt tray, if there is one.



- Swivel the front trim cover for door -1- backwards -arrow-, detach from the rear cross panel trim and remove.



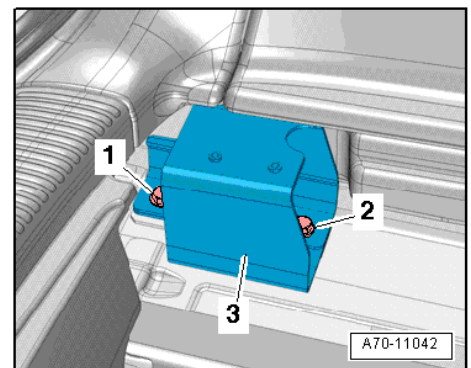
## 4.6 Removing rear retainer

### Note

*Installation and removal are identical on both the right and left.*

- Remove bolts -1, 2- and rear holder -3-.

**Tightening torque ⇒ Page 7.**





## 4.7 Assembly overview of rear cross panel trim

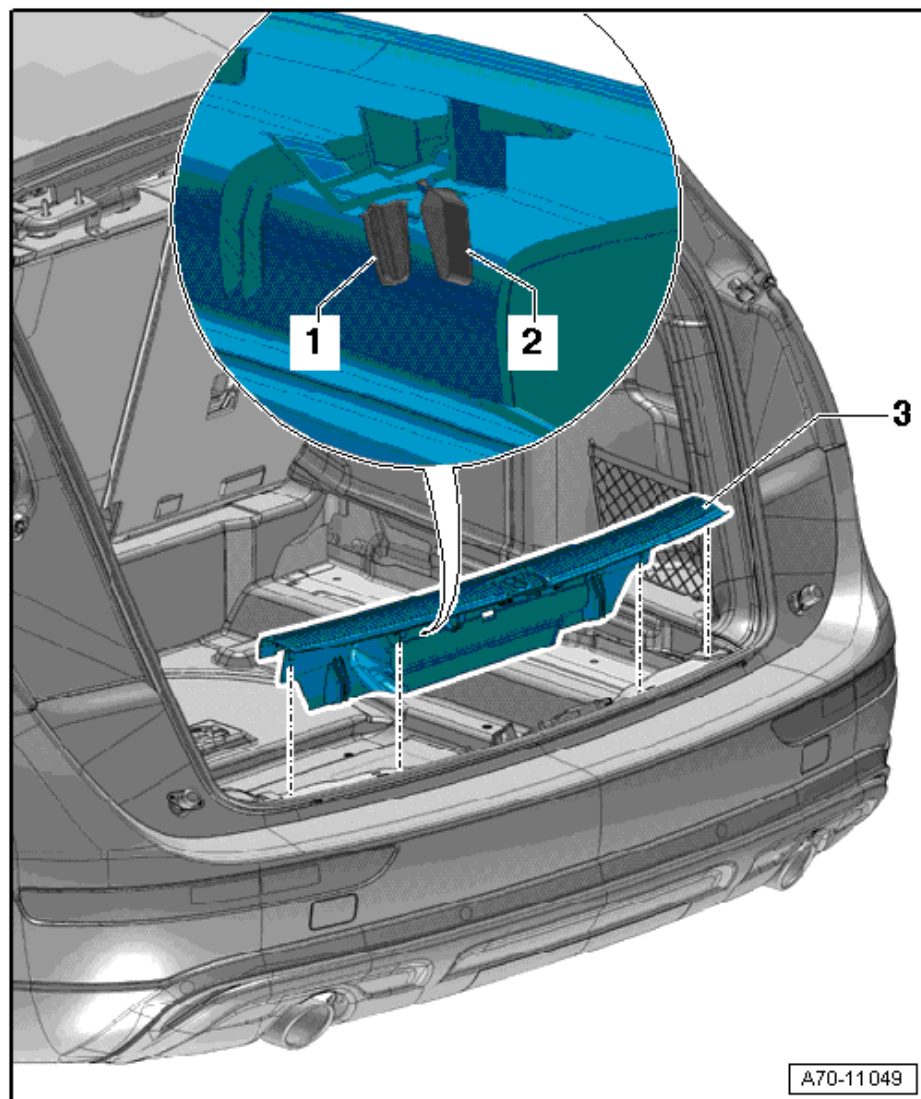
### 1 - Centring pin

### 2 - Fasteners

- 4 x
- Insert into the trim
- replace if damaged or deformed

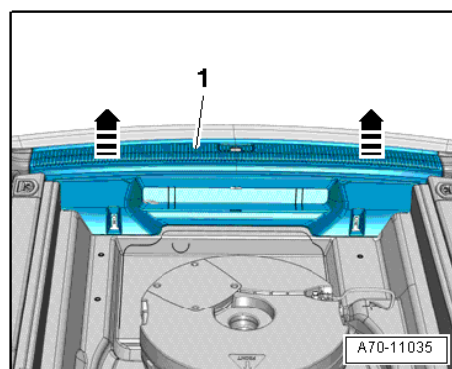
### 3 - Rear cross panel trim

- Removal  
⇒ Page 10



## 4.8 Removing the rear cross panel trim

- Using the removal lever -80 - 200-, unclip the rear cross panel trim -1- vertically using an upwards motion -arrows-.
- Carefully remove the rear cross panel trim by pulling upwards and disconnect the electrical connector for rear lid closed senders -G525-/ -G526-.





**i Note**

- ◆ Installation is carried out in reverse order. Please note the following points:
- ◆ If fasteners for the panelling remained in holes in the body used for attachment, remove the fasteners and insert into the panelling for use when re-installing.
- ◆ Check the fasteners for damage or deformation and replace as necessary.
- ◆ Press on the rear cross panel trim until the unit audibly engages and place the rubber lip of the seal for the rear lid over the rear cross panel trim.

## 4.9 Assembly overview of luggage compartment side trim

### 1 - Luggage compartment side trim

- Removal  
⇒ Page 12

### 2 - Fasteners

- 3 x
- Insert into the trim
- replace if damaged or deformed

### 3 - Luggage compartment light

### 4 - Screw

- 3 Nm

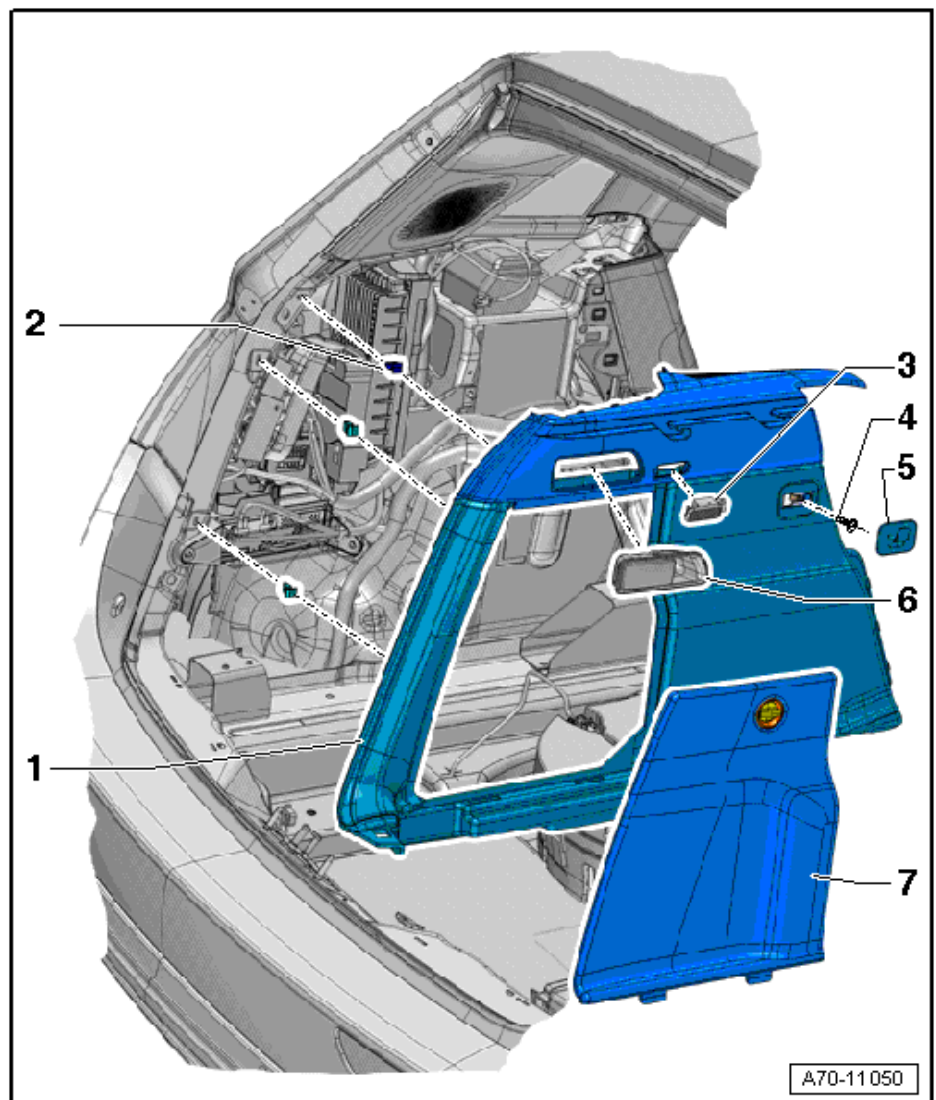
### 5 - suit hanger

- Removal  
⇒ Page 12

### 6 - Rear backrest release

### 7 - Cover

- for luggage compartment side trim







## 4.10 Removing the suit hanger

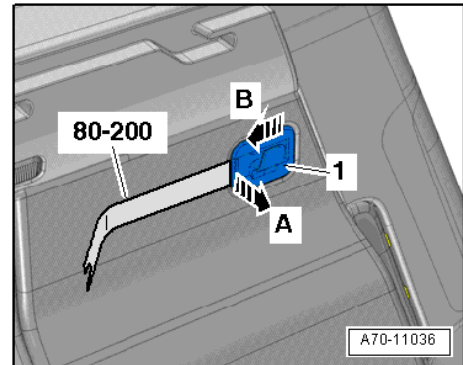
### Note

Installation and removal are identical on both the right and left.

- Using the removal lever -80 - 200-, pull up the rear suit hanger -1- until it lifts away slightly from the side trim -arrow A- and pull it backwards away from the side trim -arrow B-.

### Note

When installing the suit hanger, insert it into the side trim and push it in until you hear it click into place.



## 4.11 Removing the luggage compartment side trim

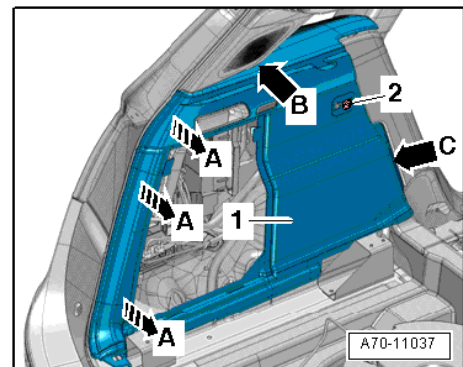
### Note

Installation and removal are identical on both the right and left.

- Remove cover for luggage compartment side trim.
- Unscrew the screw -2-.
- Using the removal lever -80 - 200-, prise the luggage compartment side trim -1- away from the body -arrows A-.
- Using the removal wedge -3409-, unclip and remove the luggage compartment side trim near the D pillar trim -arrow B- and rear sill panel trim -arrow C-.
- Position side trim with attached wires in luggage compartment.

### Note

- ◆ Installation is carried out in reverse order. Please note the following points:
- ◆ If fasteners for the trims remained in holes in the body used for attachment, remove the fasteners and insert into the trims for use when re-installing.
- ◆ Check the fasteners for damage or deformation and replace as necessary.
- ◆ Hold luggage compartment side trim in position and press until you hear it click into place.
- ◆ Place the rubber lip of the seal for the rear lid over the luggage compartment side trim.





## 4.12 Assembly overview of rear bumper cover



### **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 ⇒ Rep. gr. 96.*



**1 - Rear bumper cover**

- Removal  
⇒ Page 15

**2 - Screw**

- 1.5 Nm

**3 - Guide part**

- Removal

**4 - Screw**

- 1.5 Nm

**5 - Clip**

**6 - Impact bar**

- Impact bars with two longitudinal fitting parts are no longer required.

**7 - Screw**

- 1.5 Nm

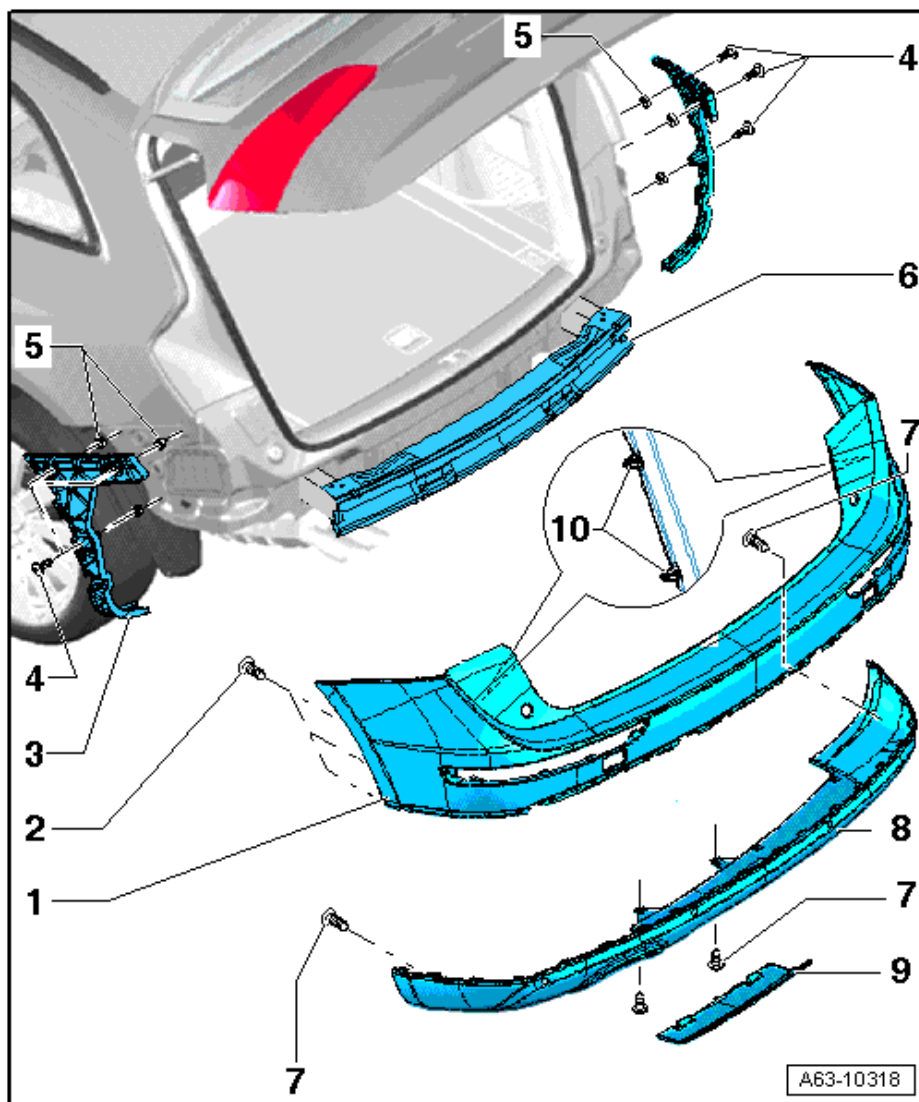
**8 - Spoiler**

- Equipment variant

**9 - Trim panel**

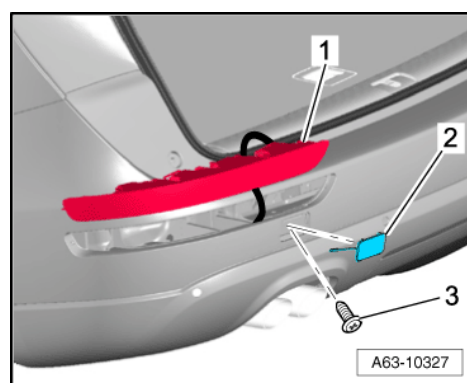
**10 - Clip**

- Unclip bumper on both sides before pulling back to remove.



**Tail light cluster screw**

- 3 - 2.5 Nm

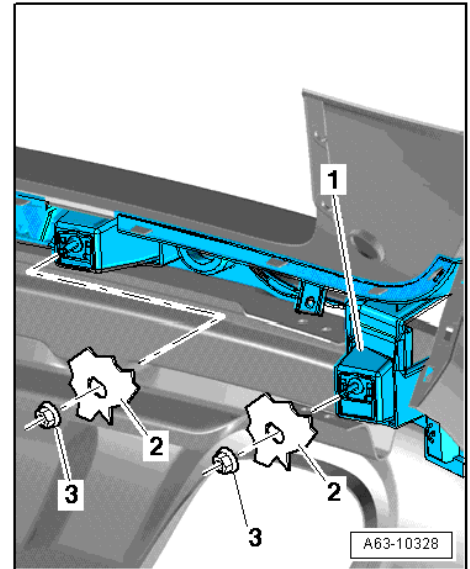






### Bumper cover studs

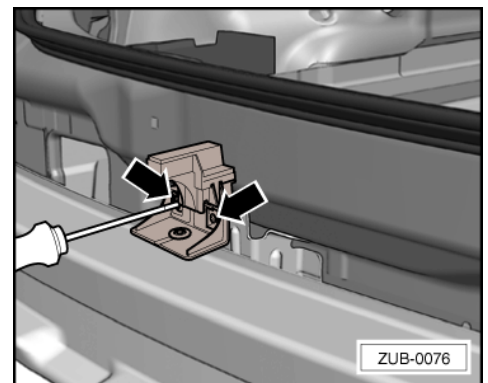
3 - 4 Nm



UKI/US

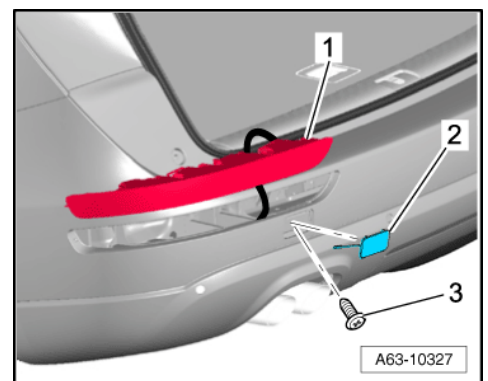
### Receiver for radio controlled clock

Arrows - 2.5 Nm



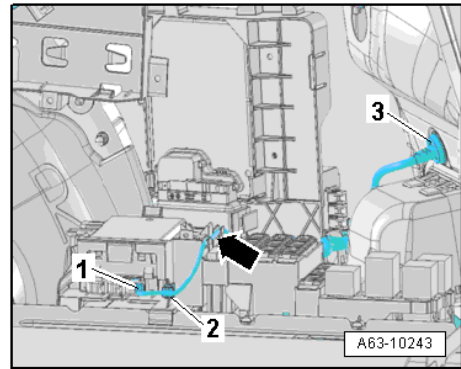
## 4.13 Removing the rear bumper cover

- Prise off the cover -2-, undo screw -3- and disconnect electrical connector to tail light cluster -1-.

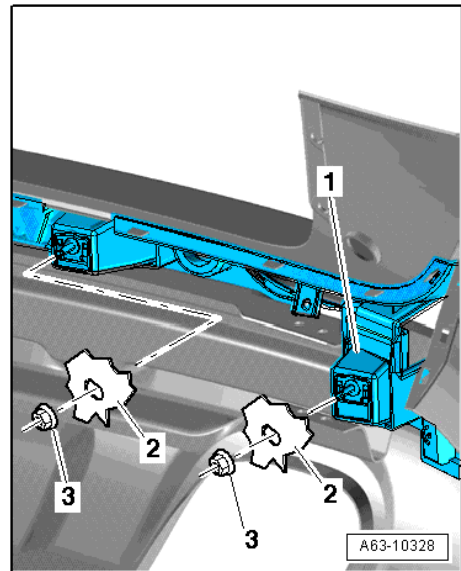




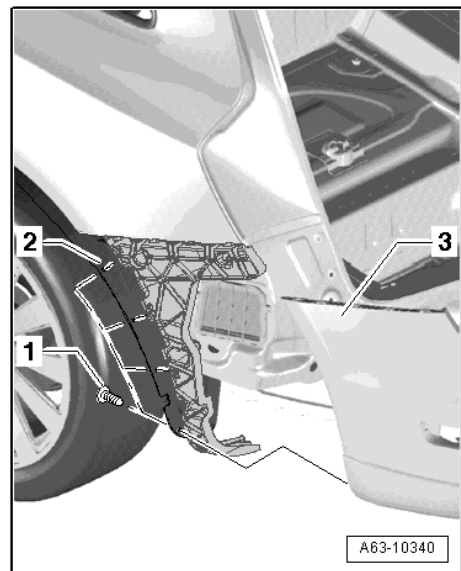
- If one is fitted, disconnect the electrical connector -1- from the parking aid control unit -J446-.
- Uncover electrical wiring harness from control unit retainer - arrow- and remove cable tie -2-.
- Push grommet -3- through towards the rear.



- Unscrew nuts -3- from cover studs -1-.



- Undo screws -1- at the cover (top) and spoiler (bottom).





- Unscrew the screws -1- on the bottom part of the bumper cover.
- Unclip cover from the rear cross panel at the left and right  
⇒ **Item 10 on page 14.**
- Unclip cover from the guide parts at the left and right and move to the side.
- Remove cover from the vehicle by pulling up to the rear and dispose of it.

**i Note**

*After fitting the towing bracket, the impact bar is no longer required.*

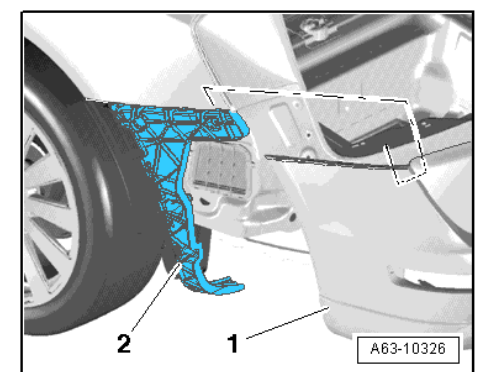
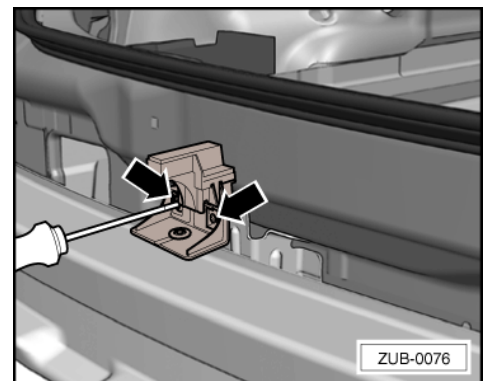
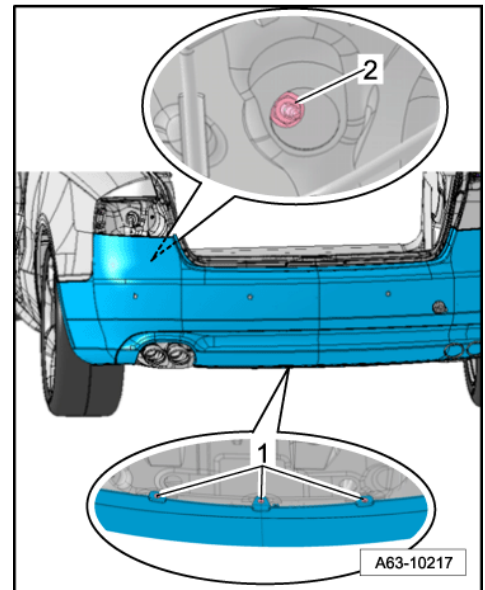
**Vehicles with radio controlled clock**

- Unscrew the receiver for radio controlled clock -J489-.
- Remove the impact bar from the body.

**Notes on installation**

- When installing, the side guide part -2- must be fully engaged in the bumper cover -1-.
- If one is fitted, connect the electrical connector to the parking aid control unit -J446- ⇒ Rep. gr. 94.
- Install tail light cluster.

**Tightening torques** ⇒ **“Assembly overview of rear bumper cover” on page 13**

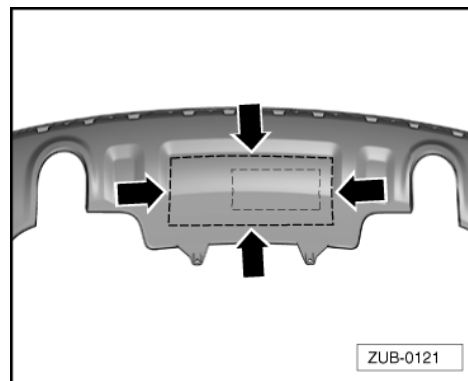




## 4.14 Making an opening for connecting towing bracket to diffuser

### 4.14.1 Cutting an opening for connecting towing bracket to diffuser if required

- Where indicated -Arrows- on the diffuser, cut out the outer section using workshop tools.
- Deburr the cut surfaces.



### 4.14.2 Or replacing the spoiler

#### 1 - Spoiler

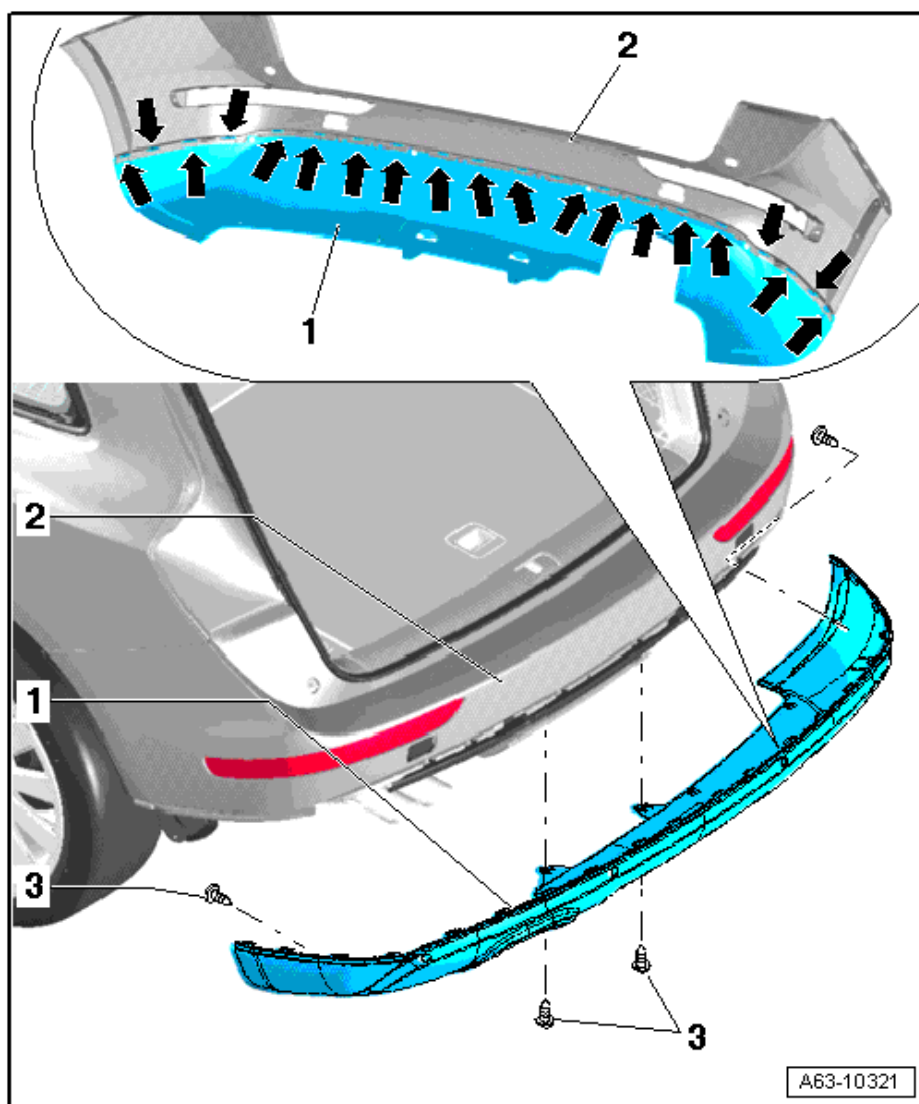
- Unscrew screws -3-.
- To disassemble, unfasten catches -arrows- step by step and remove from bumper cover.
- When installing, the clips -arrows- must be fully engaged in the bumper cover.

#### 2 - Bumper cover

- Installed

#### 3 - Screw

- 1.5 Nm





## 5 Fitting the towing bracket

### 5.1 Assembly overview of towing bracket

**1 - Towing bracket with cross member**

- Installation  
⇒ Page 20

**2 - Bowden cable**

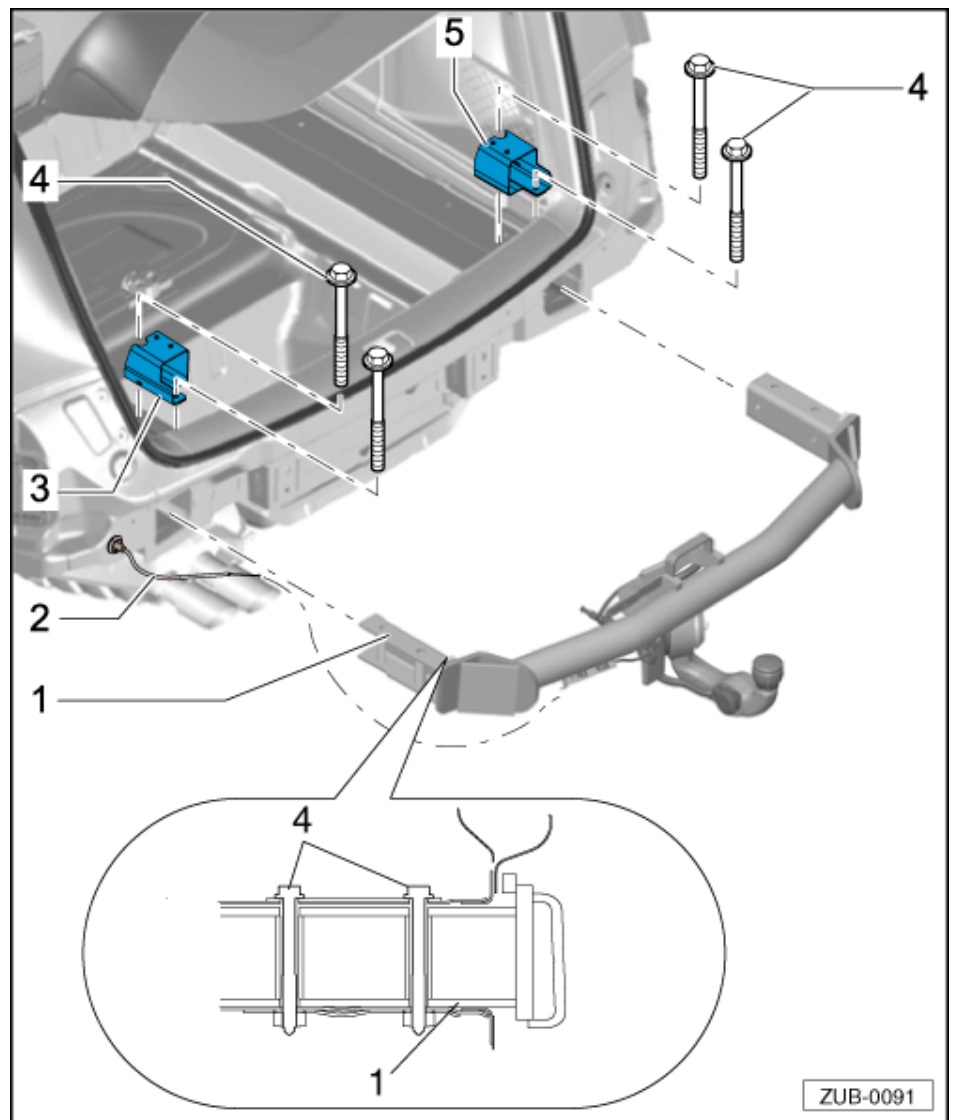
- When installing, push grommet properly into rear cross panel.

**3 - Left-hand bracket**

**4 - Screw**

- 60 Nm

**5 - Right-hand bracket**





## Retainer for manual operation

**1 - Retainer for manual operation**

**2 - Pop rivet nut**

**3 - "D pillar"**

**4 - Screw**

□ 8 Nm

**5 - Actuating lever**

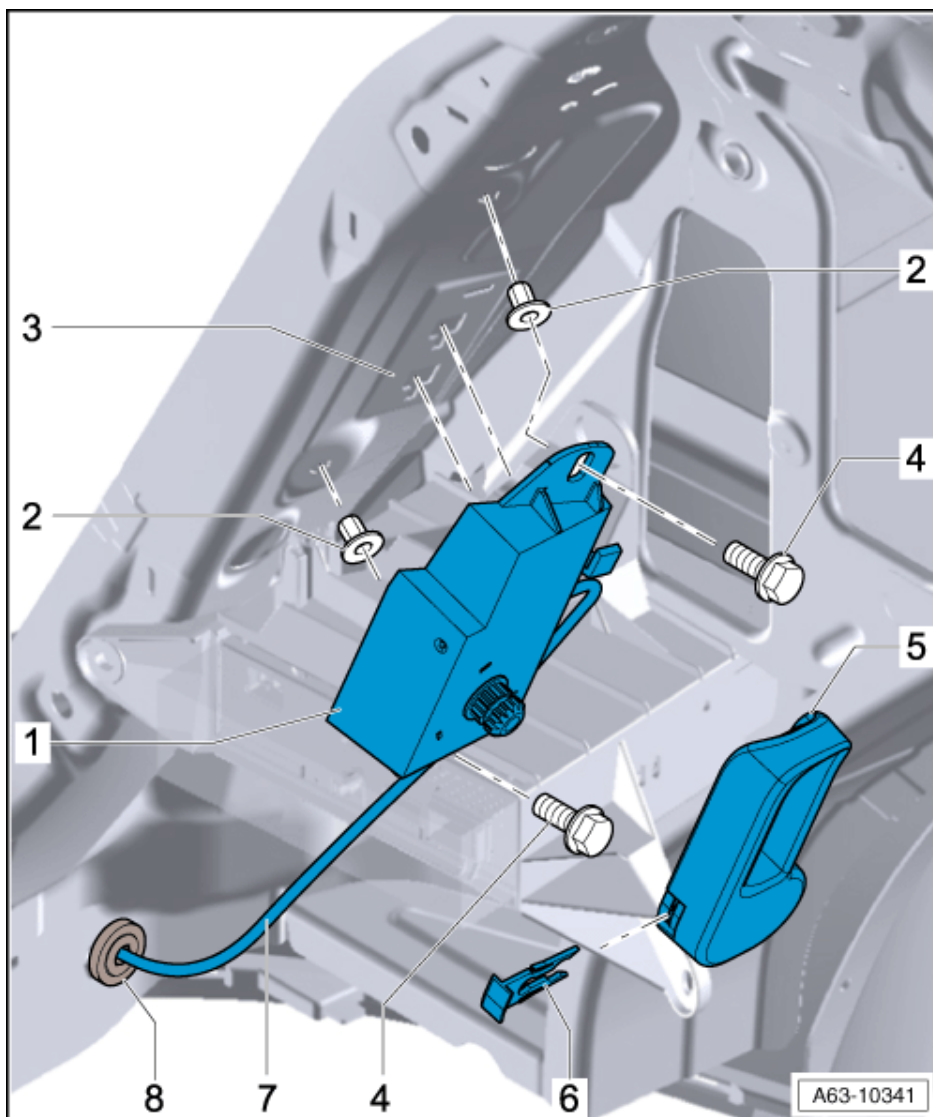
- When installing, the retaining clip must engage in the actuating lever.
- To disassemble, remove retaining clip.

**6 - Retaining clip**

**7 - Bowden cable**

- When installing, push grommet properly into rear cross panel.

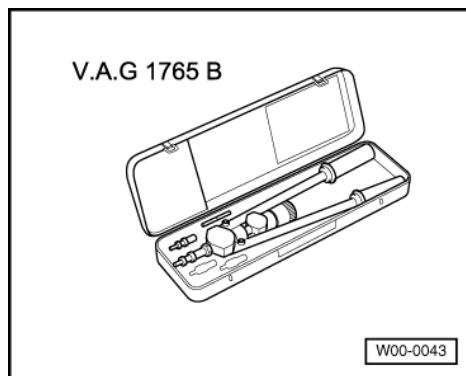
**8 - Grommet**



## 5.2 Fitting the towing bracket

### Special tools and workshop equipment required

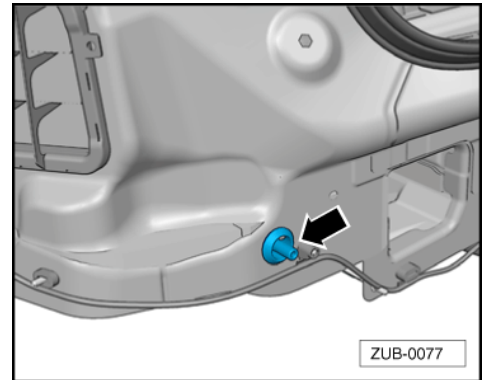
- ◆ Pop rivet nut pliers -V.A.G 1765B-



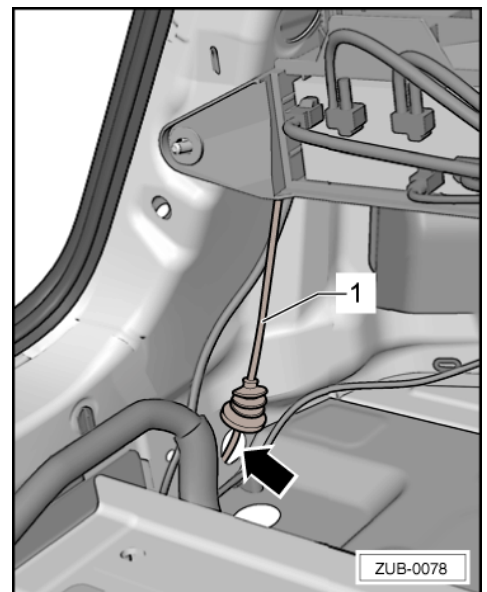




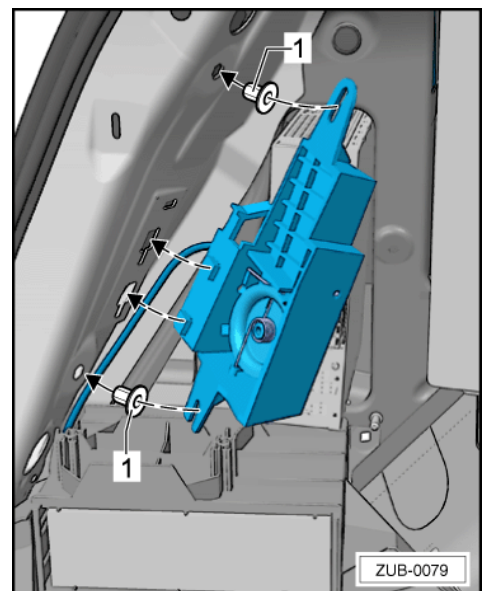
- Remove cover -arrow-.



- Pull out catch cable -1- from behind K box through opening -arrow-.
- Insert cable grommet.

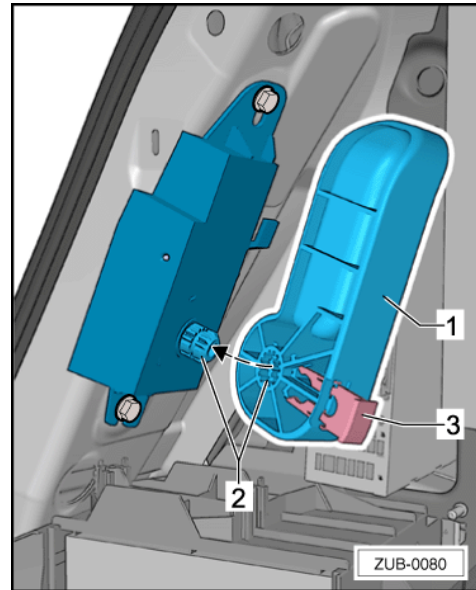


- Insert pop rivet nuts from the assembly set into the back panel -1- and fasten using pop rivet nut pliers -V.A.G 1765B-.
- Attach mechanism to back panel -arrows- and push down as far as it will go.
- Screw mechanism into pop rivet nuts -1- using screws provided.
- Insert rubber grommet on cable into bore hole.

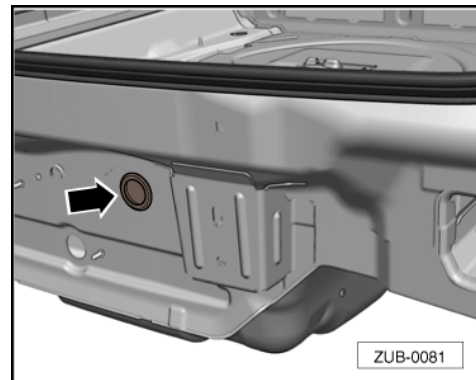




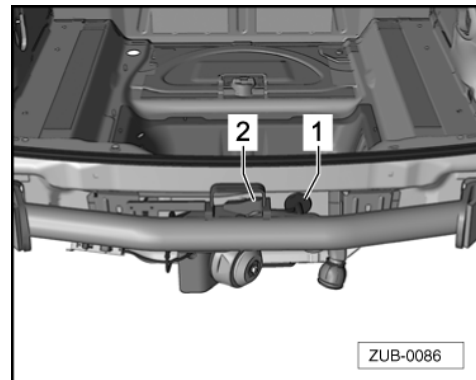
- Push actuating lever -1- onto shaft of mechanism. The splines -2- are irregular and can only be fitted in one position.
- Close securing clip -3-.



- Remove rubber grommet from the back panel in the centre of the vehicle.

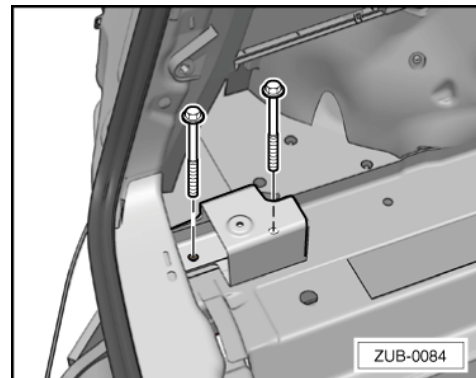


- Fit towing bracket and position it approx. 10 cm away from the back panel.
- Feed the wiring harness through the hole in the back panel - arrow 1- and insert cable grommet.
- Push the fastening element for the wiring harness onto the welding studs -arrow 2-.
- Bring the towing bracket into the installation position.



- Insert and manually tighten all securing bolts with supports for luggage compartment floor.
- Tighten securing bolts.

**Vehicles with radio controlled clock:**







- Position and screw in the receiver for radio controlled clock -J489- on the towing bracket retainer -arrow-.

**All vehicles:**

- Attach cable for folding function to boot:

- 1 - Remove transport lock
- 2 - Open cover
- 3 - Attach nipples
- 4 - Attach counterhold tool
- 5 - Close cover you will hear it click into place

When fitting the bumper cover, there must be an opening for the towing bracket. The following modifications must be made, depending on vehicle features:

**Series production vehicles:**

- Remove the diffuser from the bumper cover.
- Fit the diffuser with opening for the towing bracket to the bumper cover.

**Vehicles with S line package**

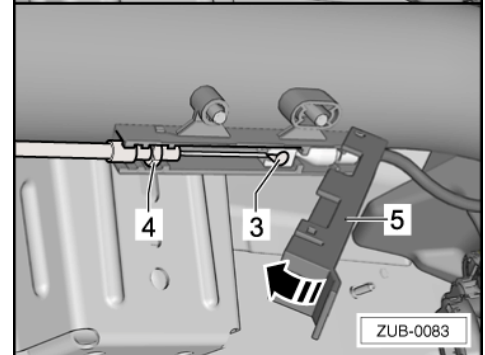
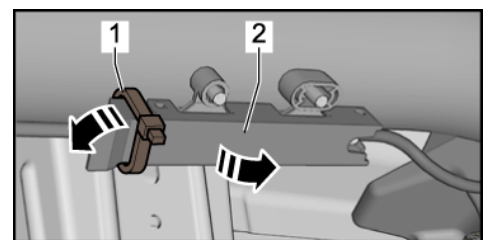
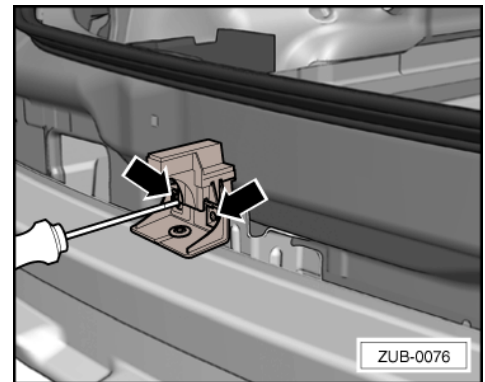
These vehicles are equipped with a cover for the opening in the diffuser that is necessary to fit the towing bracket.

**Vehicles with offroad styling package**

- Remove the diffuser/protector from the bumper cover.
- Fit the diffuser/protector with opening for the towing bracket to the bumper cover.

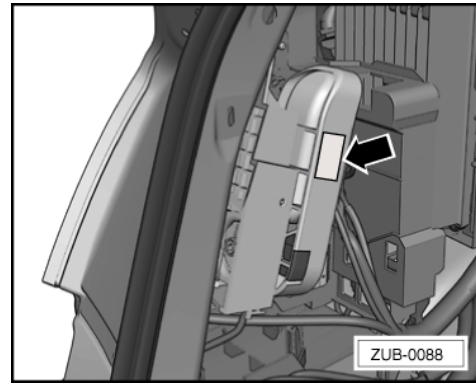
**All vehicles**

- Fit the bumper cover.
- Fit the electrical installation kit ⇒ Installation instructions for electrical installation kit.
- Carry out a functional check. Swivel the towing bracket out and back in again ⇒ Vehicle Owner's Manual.
- Complete vehicle.





- Fit the "Towing with towing bracket" sticker to the actuating lever used for pulling out the towing bracket -arrow-.

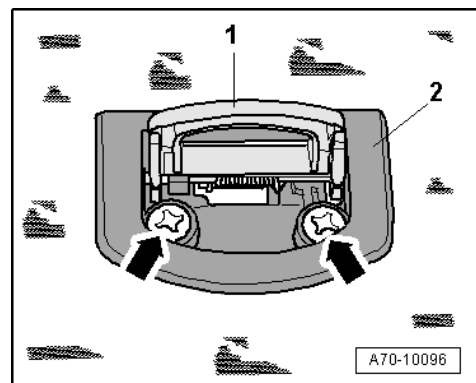


### 5.3 Other tightening torques

#### Fastening rings

Arrows - 4 Nm

Component	Nm
Screws M10x105 (towing bracket on body)	60
Receiver for radio controlled clock -J489-	5





## 6 Concluding operations

- On vehicles with lane change assist (Audi side assist), this must be recalibrated ⇒ Rep. gr. 96.

 **WARNING**

- ◆ ***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 ⇒ Rep. gr. 96.***

- Keep these assembly instructions with the vehicle documents.

 **Note**

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

