

Installation instructions

Audi e-tron Sportback (GE) 2020 ►

Carrier units for roof rails

Scope of delivery 4K4.071.151

Audi Genuine Accessories

Edition 01



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1 Notes

1.1 Safety notes



WARNING

Please read these assembly instructions carefully before starting installation. Non-compliance with these installation instructions and safety notes will compromise your safety and that of third parties.



WARNING

The driver is responsible for making sure that his view and ability to hear are not impaired by his load or by the condition of the vehicle.

Repairs or the replacement of parts must only be performed by a qualified workshop. It is recommended that genuine spare parts available from your Audi partner are used.



WARNING

All bolted connections and connections for the carrier units and for the roof rack modules must be checked prior to travelling to make sure that they are correctly positioned and installed. Tighten if necessary.

Recheck bolted connections and connections at appropriate intervals and tighten if necessary. The bolted connections and connections must be checked at short intervals if travelling on a poor stretch of road.

Do not use any lubricants on the bolted connections.



WARNING

The procedures and safety notes detailed in these instructions for the installation, handling and use of the carrier units must always be observed.

- ◆ *Deviating from these instructions can cause the carrier units or the mounted roof rack module to come loose.*
- ◆ *The carrier units are designed such that the vehicle will not be damaged if components are installed, handled and used properly.*
- ◆ *The manufacturer is not liable for any damage resulting from failure to comply with the installation procedure or notes specified.*
- ◆ *All forms of warranty claim against the manufacturer are invalidated if installation, handling or use of the components is not carried out as specified in these instructions.*



WARNING

The load affects driving and braking behaviour and the vehicle's sensitivity to side winds. Adapt your driving style accordingly – risk of accident!

Do not exceed the maximum speed of 130 km/h (81 mph).

When driving in strong side winds, make sure that you take extra care:

- ◆ *When driving in and out of a truck's slipstream and when driving over bridges.*
- ◆ *When driving past hedgerows, trees, walls and buildings as well as any other wind barriers.*



⚠ Caution

To prevent damage to the vehicle, make sure that the rear lid is opened carefully after longer objects have been loaded onto the vehicle. For vehicles featuring automatic rear lid operation, it is recommended that you adjust the opening angle as required ⇒ Vehicle Owner's Manual.

⚠ Caution

Roof rack modules (such as a roof box or bicycle rack) must be securely fastened in the T groove on vehicles with a sliding/tilting sunroof or tilting panoramic roof.

The clearance above the sliding/tilting sunroof or tilting panoramic roof must be checked when installing the carrier units. If the roof rack modules are secured using assembly brackets, the sliding/tilting sunroof or tilting panoramic roof must not be opened – risk of damage resulting from a collision!

⚠ Caution

Do not enter a car wash with carrier units installed with/without roof rack modules.

i Note

When driving with a roof load, make sure that the German Road Traffic Regulations (StVZO) or any country-specific regulations are observed.

1.2 Safety notes for loading

⚠ WARNING

Roof load

- ◆ *Do not exceed the gross vehicle weight rating of carrier units, roof rack modules and load of 75 kg (165 lbs).*

Tensioning

- ◆ *Do not tension carrier units against each other.*

Roof rack modules

- ◆ *Only assemble the roof rack modules on the carrier units once the carrier units have been fitted to the rail on the vehicle.*

Altered vehicle height

- ◆ *Pay particular attention to low hanging branches, passages with reduced head-room clearance, entrances to garages with reduced head-room clearance, height restrictions in multi-storey car parks and underground car parks.*

Sensitivity to side winds

- ◆ *The load affects driving and braking behaviour and the vehicle's sensitivity to side winds. Adapt your driving style accordingly.*

Loading the roof load in the correct manner for the load in question

- ◆ *Position the roof load on the carrier units according to its weight; make sure the weight is evenly distributed.*

Width of load

- ◆ *The load must not protrude past the edges of the carrier units to the left or right; make sure the weight is evenly distributed.*



1.3 Technical notes

Technical data

Dead weight of carrier unit set: approx. 5 kg (11 lbs).

Roof load/load

To determine the roof load:

Weight of the carrier unit

+ weight of the roof rack module

+ weight of the load

= maximum permissible roof load (75 kg/165 lbs)



WARNING

Never exceed:

- ◆ **the maximum permissible roof load (75 kg/165 lbs.)**
- ◆ **the gross axle weight rating**
- ◆ **the gross vehicle weight rating for your vehicle ⇒ Vehicle Owner's Manual.**

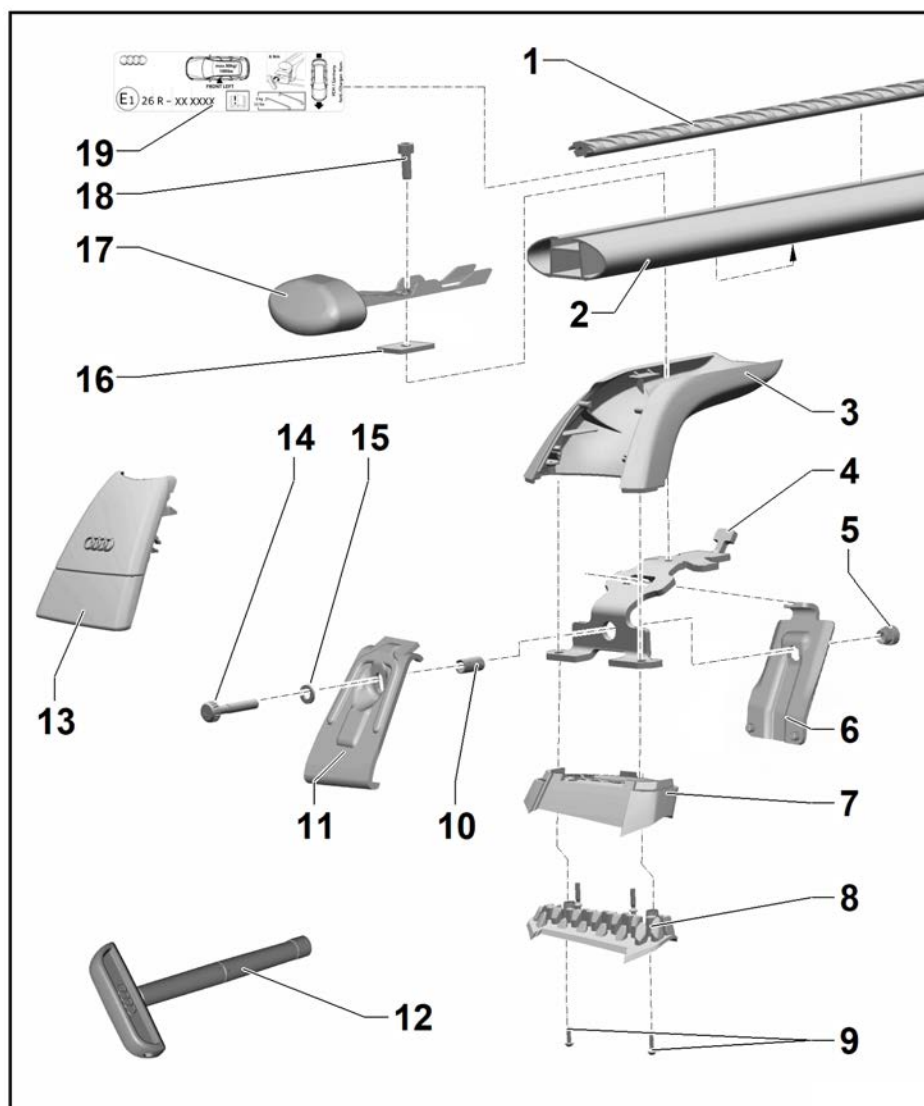
1.4 Scope of delivery

Units	Description	Information
1	Front roof bars	Label on the underside in direction of travel left
1	Rear roof bars	Label on the underside in direction of travel left
2	Profile cover	Length: 1250 mm
1	Torque wrench (6 Nm)	
1	Fitting instructions	



1.5 Overview of components

- 1 - Profile cover (2x)
- 2 - Profile tube (2x)
- 3 - Upper support bracket (4x)
- 4 - Support plate (4x)
- 5 - Nuts (4x)
- 6 - Pin link (4x)
- 7 - Lower support bracket (4x)
- 8 - Rubber support (4x)
- 9 - Screws 2.5 x 11 (8x)
- 10 - Compression spring (4x)
- 11 - Claw fastener (4x)
- 12 - Torque wrench (6 Nm)
- 13 - Cover flap (4x)
- 14 - Coded tensioning bolt (4x)
- 15 - Washer M6 (4x)
- 16 - Sliding block (4x)
- 17 - Profile cap (4x)
- 18 - Hexagon bolt M6 x 12 (4x)
- 19 - Label (2x)
 - ❑ "front left" and "rear left"



1.6 Installing carrier units

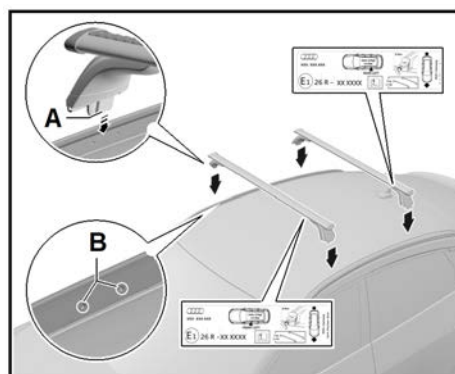
- Use the labels on the underside of the left-hand profile tube to install the carrier units in the relevant position (left/right and front/rear). Position the carrier units so that the printed arrow is pointing in the direction of travel.

Note

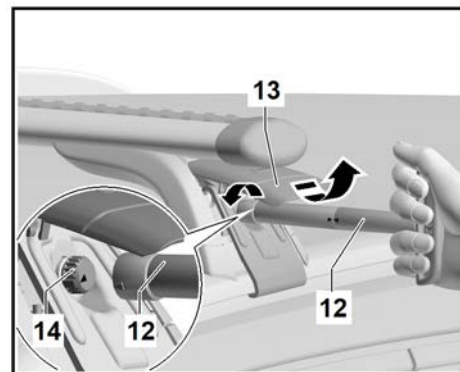
The carrier units must be installed by two people.

Installation area

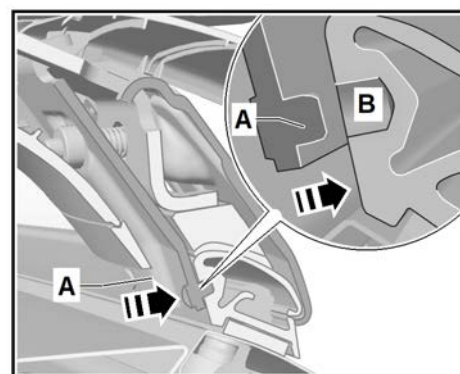
- On each side of the carrier unit (right and left), there is a pin link with two pins -A- for attaching the carrier unit to the rail.
- There are two holes -B- on the inward facing side of the roof rail at each end (front and rear); these holes are provided for inserting the pins.
- During installation, the area around the hole -B- on the roof rail and the rubber supports -8- for the lower support bracket -7- must be free of dust and grease.



- Fold up the cover flap -13-.
- Place the torque wrench -12- on the tensioning bolt -14-.
- Loosen tensioning bolt -14- far enough for a certain amount of resistance to be detected.



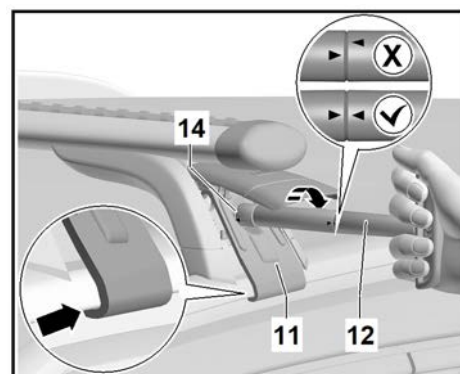
- Place the front and rear carrier units on the roof rail in the direction of travel in the area of the holes -B-.
- Insert the two pins in the pin link -A- into the holes -B- in the roof rail. Hold the pin link -A- in this position with one hand.
- Hook the claw fastener under the roof rail -arrow-.
- Tighten tensioning bolt -14- slightly using torque wrench -12-. While doing this, make sure that the claw fastener -11- remains hooked under the roof rail -arrow-.



Note

When tightening the tensioning bolts, the required tightening torque (or the required tightening force) of 6 Nm is reached once the two arrows on the torque wrench are exactly opposite each other.

- Perform the identical procedure on the other side of the vehicle.



WARNING

If the rubber supports for the lower support bracket do not sit flush against the surface, we recommend that you have the width adjustment checked, and corrected if necessary, by a qualified workshop: ⇒ “Adjusting the carrier unit width” on page 7.

Tighten the tensioning bolts on both sides alternately to 6 Nm in two steps using the torque wrench. Close the cover flap. Follow the same process to install the second roof bar.

WARNING

Check that the carrier units and the load to be transported are securely attached:

- ◆ **Before the start of every journey and after driving approximately 10 km.**
- ◆ **Approximately every 300 km if driving on roads in good condition, or more often if driving on roads in bad condition (due to vibrations).**

Regularly to make sure that there has been no movement/displacement.



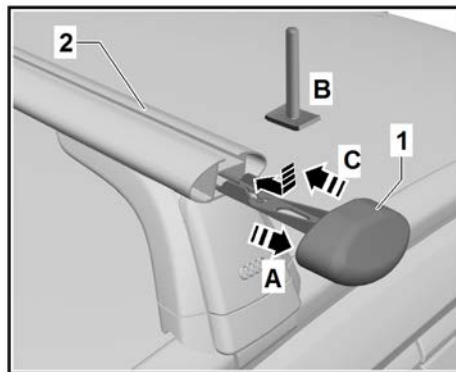
WARNING

If the carrier units are not checked to make sure that they are secure and to check whether any fasteners need tightening, they could work loose and parts may therefore be lost, despite installation being carried out properly – risk of accident!

In the event of a change in position, drive at a reduced speed until the next opportunity to stop safely and then re-tighten the bolted connections and fixtures on the carrier units.

1.7 Installing the roof rack modules

- Secure roof rack modules in accordance with the relevant installation instructions for the roof rack module in question.
- To install the roof rack modules, remove the profile cap -1- from the profile tube -2- in the direction of arrow A-.
- Insert the roof rack modules in the T groove in the -direction indicated by arrow B-.
- Slide the profile cap -1- back on -in the direction of arrow C-.



1.8 Installing the profile cover

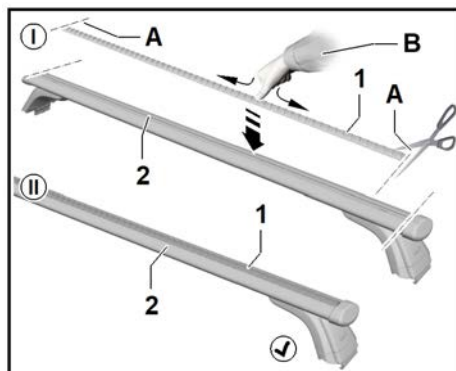


Note

Do not use lubricants to install the profile cover!

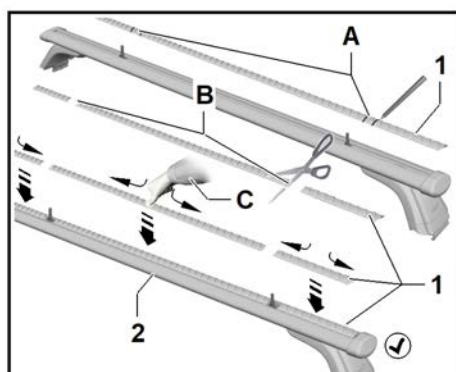
Installing the profile cover without using T-slot nuts to secure roof rack modules:

- Measure the profile cover -1- then shorten it using a suitable workshop tool -A-. Starting from the centre and working outwards, press the profile cover into the carrier unit -2- -B-.
- The profile cover -1- must engage along the entire length of the T-groove in the carrier unit -2-.



Installing the profile cover using T-slot nuts to secure roof rack modules:

- Measure the profile cover -1-, mark the length -A- and shorten the profile cover using a suitable workshop tool -B-.
- Starting from the centre and working outwards in each case, press the profile cover sections -1- into the free areas of the T-groove on the carrier unit -2- between the T-slot nuts -C-.
- The profile cover -1- must engage along the entire length of the T-groove in the carrier unit -2-.



1.9 Removing the carrier units



Note

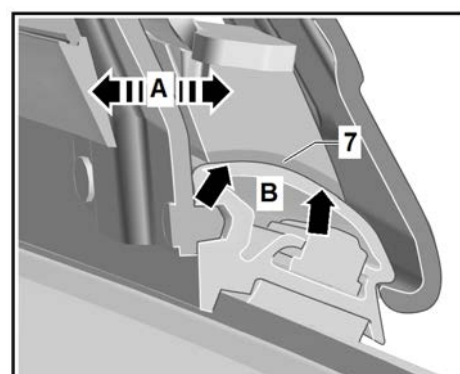
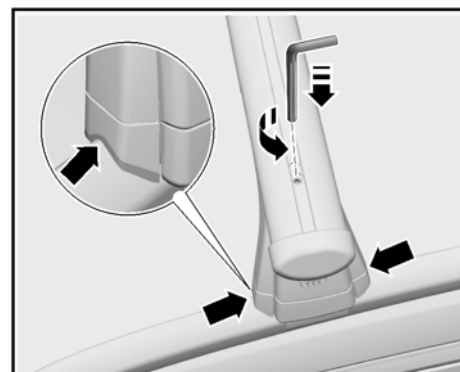
The carrier units are removed by following the above steps in reverse order.

1.10 Adjusting the carrier unit width

WARNING

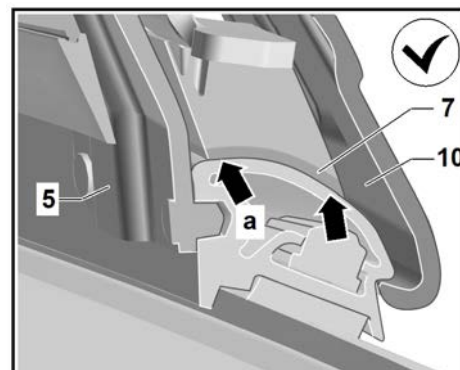
Instructions for the qualified workshop if the position of the support bracket for the relevant vehicle is not set correctly.

- Fit the carrier unit to the vehicle ⇒ **Page 4** and gently tighten just the left-hand side.
- Use a 5-mm hexagon socket wrench to unscrew the hexagon bolts on the right-hand support bracket far enough that the support bracket can be moved. The carrier unit remains on the vehicle during this process.
- Adjust the carrier unit as per -arrows A-, so that the rubber supports for the right-hand lower support bracket -7- sit flush with the roof rail -arrows B-.



The carrier unit is seated in the correct position if:

- ◆ The rubber supports for the lower support bracket -7- sit flush against the roof rail -arrows-.
- ◆ The pins in the pin links -5- engage in the holes -a- in the roof rail.
- ◆ The claw fastener -10- is hooked under the roof rail.



- Tighten the hexagon socket bolt to 10 Nm.
- Repeat the procedure on the other carrier unit.

WARNING

Check that all hexagon bolts have been tightened (to 10 Nm). If these guidelines are not observed, this can result in the carrier units becoming loose or falling off – risk of accident!

Do not use the supplied torque wrench (6 Nm).

