

Installation instructions

Audi Q3 (F3) 2019 ►

**Roof bars for roof rail,
for scope of delivery 83A.071.151
Audi Genuine Accessories**

Edition 01



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1 General notes

Please read these instructions carefully and note the WARNING, Caution and Note descriptions before installing the carrier units.



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.

AUDI AG shall not accept responsibility in the event of failure to comply with these installation instructions.



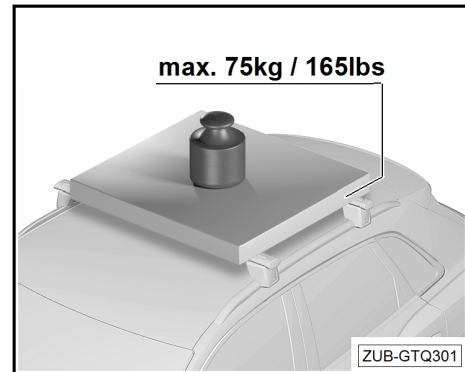
2 Safety notes

Permissible roof load

⚠ WARNING

The permissible roof load of 75 kg (165 lbs.) must not be exceeded.

The maximum gross vehicle weight rating of 75 kg (165 lbs.) for the roof bars for roof rail, add-on components and load must not be exceeded.

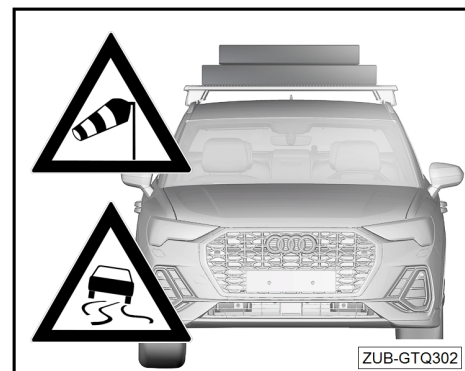


Sensitivity to side winds

⚠ WARNING

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

It is recommended that you do not exceed 130 km/h (81 mph).

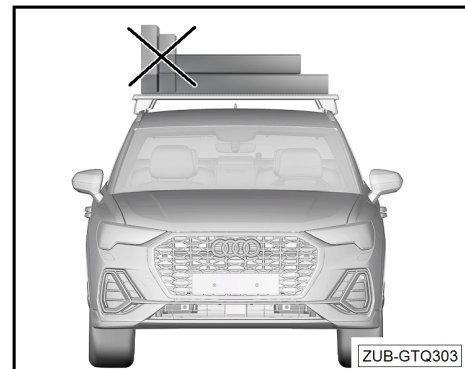


Load – load correctly for the load in question

⚠ WARNING

Place the roof load onto the roof bars for roof rail in the correct manner for the load in question – risk of accident!

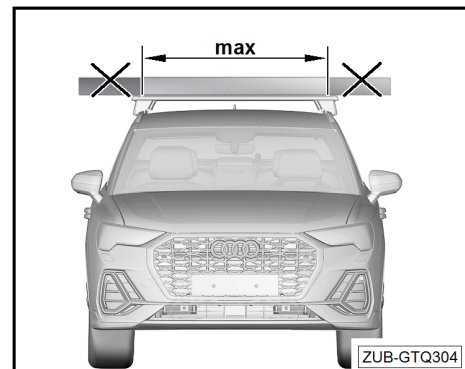
Avoid loading on one side – risk of accident!



Load – width

⚠ WARNING

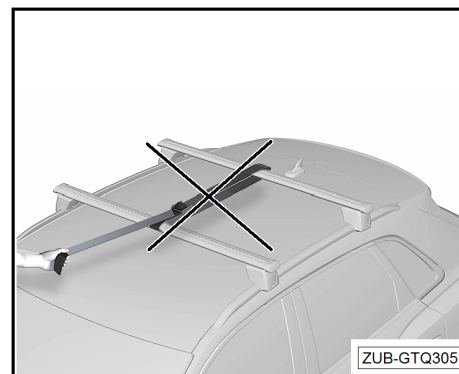
Do not exceed the maximum width of the roof bars for roof rail – risk of accident!



Load – do not tension the roof bars for roof rail against each other

WARNING

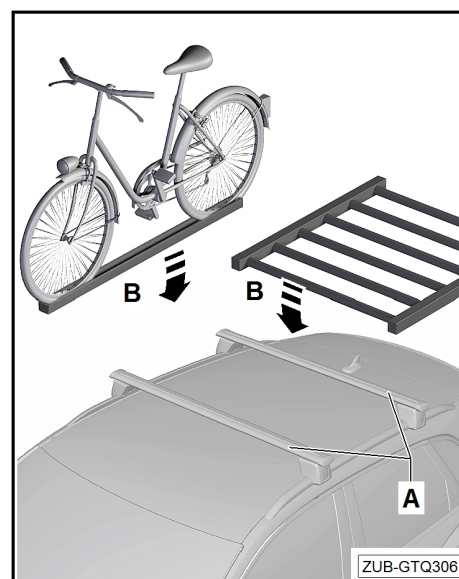
Do not tension the roof bars for roof rail against each other – risk of accident!



Load – install the roof bars for roof rail first, then install the add-on components

WARNING

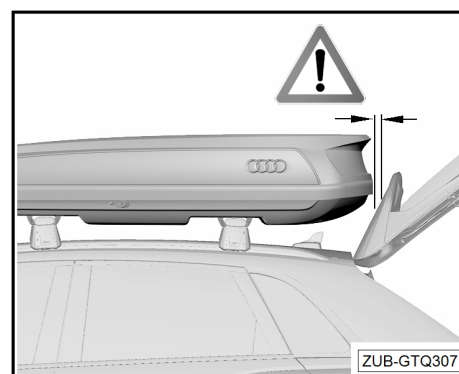
Fit the add-on components only once the roof bars for roof rail have been fitted to the vehicle – risk of accident!



Load – room to open the rear lid

Caution

To prevent damage to the vehicle, make sure that you open the rear lid carefully when fitting add-on components (such as a roof box, bicycle rack etc.) and when transporting long items. It is recommended that you adjust the opening angle if necessary (see Vehicle owner's manual for this) for vehicles with automatic rear lids.

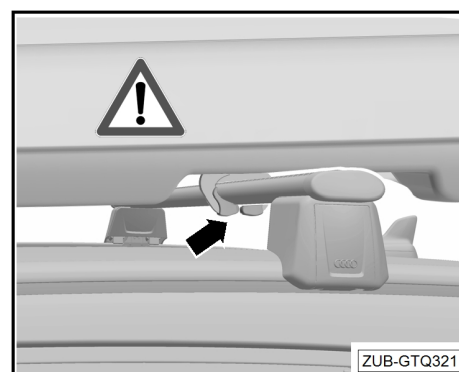


Load – room to open sliding/tilting sunroof

Caution

Add-on components (such as a roof box, bicycle rack etc.) must be securely fastened in the T groove on vehicles with a sliding/tilting sunroof ⇒ page 9.

When fitting the roof bar check that there is enough room above the sliding/tilting sunroof before opening it. If the add-on components are secured using assembly brackets, the sliding/tilting sunroof must not be opened – risk of damage resulting from a collision!





General safety notes

⚠ WARNING

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

⚠ WARNING

All bolted connections and connections for the roof bars for roof rail and for the add-on components must be checked prior to travelling to ensure they are positioned and fitted correctly. 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.

If this guideline is not observed, this can result in the roof bars for roof rail or the add-on components becoming loose or falling off – risk of accident!

⚠ WARNING

For the safety of other road-users, the roof bars for roof rail and any add-on components must be removed from the vehicle when they are not being used.

⚠ WARNING

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.

⚠ Caution

The height of the vehicle will change due to fitting the roof bars for roof rail with/without add-on components. Please pay attention to this when entering garages, driving through tunnels, underpasses etc.

⚠ Caution

Do not enter a car wash with the roof bars for roof rail with/without add-on components fitted.



3 Parts

3.1 Scope of delivery

- Before fitting the roof bars for roof rail, check all parts for completeness.

Units	Description	Information
1	Roof bars for roof rail, front	Label on the underside in direction of travel left
1	Roof bars for roof rail, rear	Label on the underside in direction of travel left
2	Profile cover	Length: 1250 mm
1	Torque wrench 6 Nm	The coding can be found in the safety pass on the reverse side of the document
1	Fitting instructions	

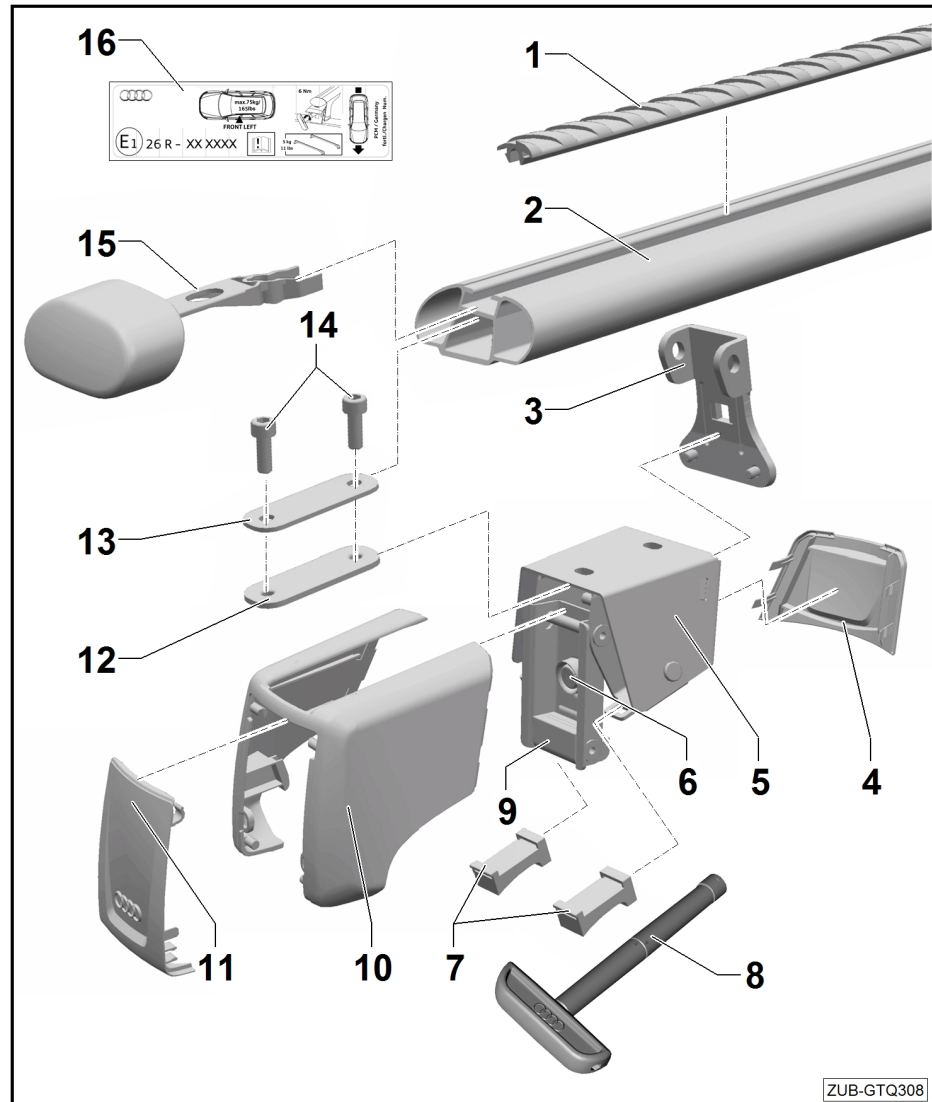


3.2 Parts overview

- 1 - Profile cover (2x)
- 2 - Profile tube (2x)
- 3 - Pin link (4x)
- 4 - Back panel (4x)
- 5 - Support bracket assembly (4x)
- 6 - Coded tensioning bolt (4x)
- 7 - Rubber supports (8x)
- 8 - Torque wrench 6 Nm
- 9 - Claw fastener (4x)
- 10 - Housing (4x)
- 11 - Cover flap (4x)
- 12 - Threaded plate (4x)
- 13 - Perforated plate (4x)
- 14 - Hexagon socket head bolt, M6 x 12 (8x)
- 15 - Profile cap (4x)
- 16 - Label (2x)

 **Note**

The labels "front left" and "rear left" can each be found on the underside of the profile tubes.





4 Installing and removing the roof bars for roof rail

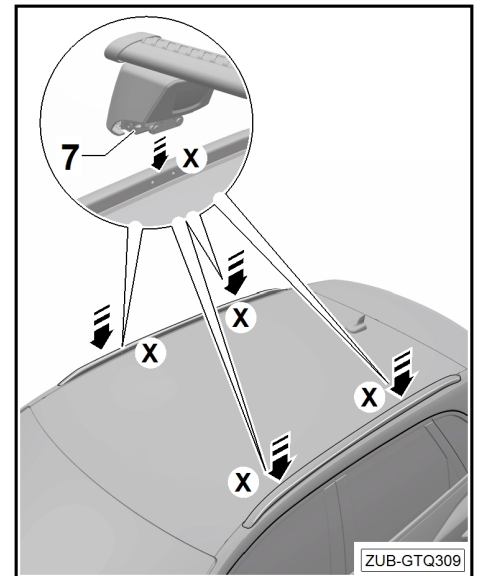
4.1 Installing the roof bars for roof rail

Note

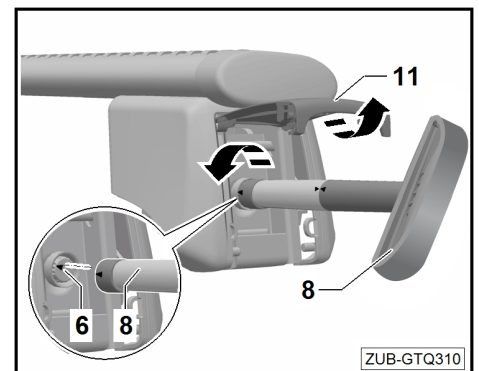
- ◆ The roof bars for roof rail must be fitted by two people.

There are two holes -X- on the inward facing side of the roof rail at the front and rear end; these holes are provided for fitting the roof bars for roof rail.

- ◆ Before the fitting process can begin, the area around the holes -X- on the roof rail and the rubber supports for the lower support bracket -7- must be free of dust and grease.
- If necessary, clean the contact areas and rubber supports thoroughly.



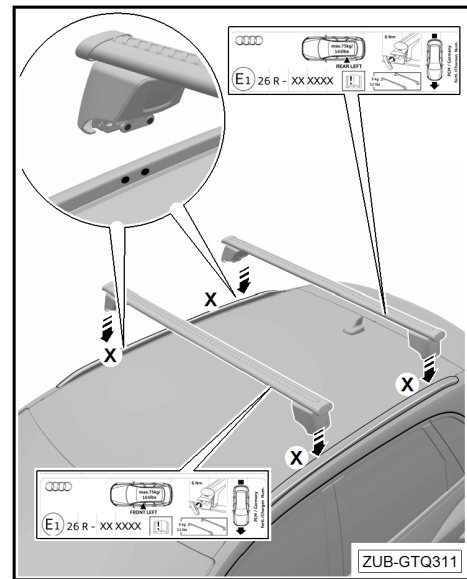
- Fold up the cover flap -11-.
- Attach torque wrench -8- to tensioning bolt -6- so that the markings are aligned.
- Loosen the tensioning bolt -6- far enough for a certain amount of resistance to be detected.



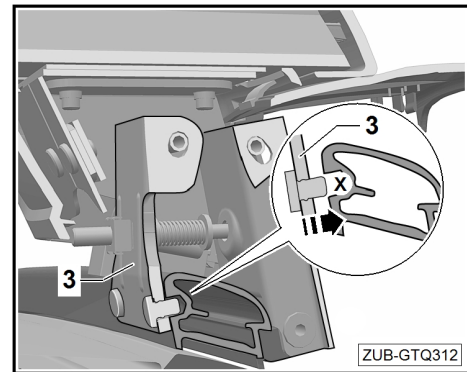


Note

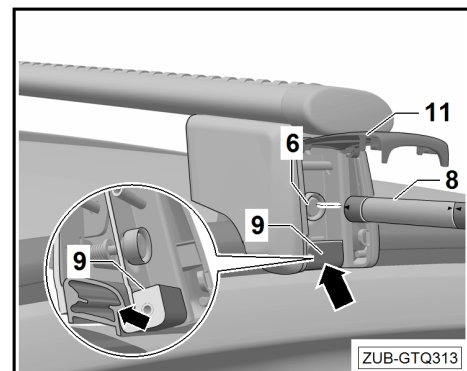
- ◆ When fitting the roof bars for roof rail, make sure that the labels are visible on the left-hand side of the vehicle and that the printed arrow is pointing in the direction of travel.
- Using the label on the underside of the left-hand profile tube as reference, align the roof bars for roof rail with the relevant fitting position (left/right and front/rear).
- Place the front and rear roof bars for roof rail in the direction of travel on the area with the holes -X- on the roof rail.



- Insert the two pins in the pin links -3- into the holes -X- in the roof rail. Hold the pin link -3- in this position with one hand.



- Hook the claw fastener -9- under the roof rail -arrow-.
- Tighten tensioning bolt -6- slightly using torque wrench-8-. While doing this, make sure that the claw fastener -9- remains hooked under the roof rail -arrow-.
- Perform the identical procedure on the other side of the vehicle.

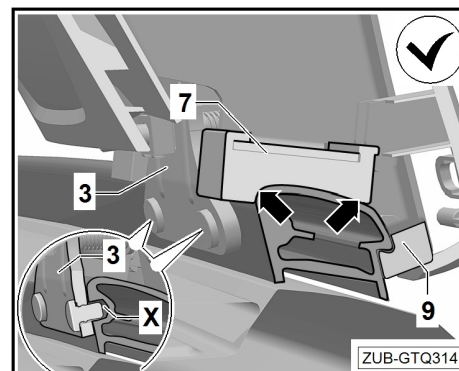


⚠ WARNING

The rubber supports for the support bracket -7- must sit flush against the roof rail on both sides of the vehicle – risk of accident caused by the roof bars for roof rail coming loose.

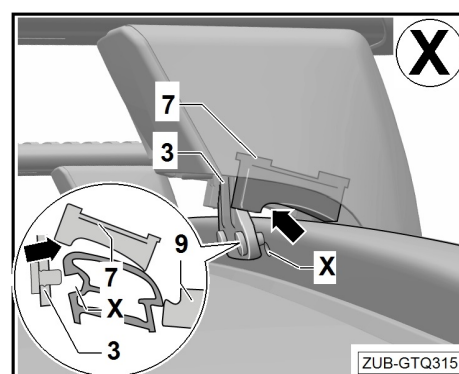
The roof bars for roof rail are in the correct position if:

- ◆ The rubber supports for the lower support bracket -7- sit flush against the roof rail -arrows-.
- ◆ The pins in the pin links-3- engage in the holes -X- in the roof rail.
- ◆ The claw fastener -9- is hooked under the roof rail.



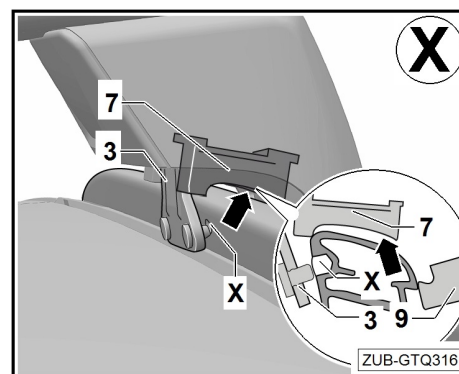
The roof bars for roof rail are positioned too far out if:

- ◆ The rubber supports for the lower support bracket -7- do not sit flush against the roof rail -arrow-.
- ◆ The pins in the pin links -3- do not correctly engage in the holes -X- in the roof rail.
- ◆ The claw fastener -9- does not hook under the roof rail.



The roof bars for roof rail are positioned too far in if:

- ◆ The rubber supports for the lower support bracket -7- do not sit flush against the roof rail -arrow-.
- ◆ The pins in the pin links -3- do not correctly engage in the holes -X- in the roof rail.
- ◆ The claw fastener -9- does not hook under the roof rail.



If the rubber supports for the lower support bracket -7- do not sit flush against the surface, it is advisable to have the width adjustment checked, and corrected if necessary, by a qualified workshop ⇒ Page 12. Remove the roof bars for roof rail before this process.

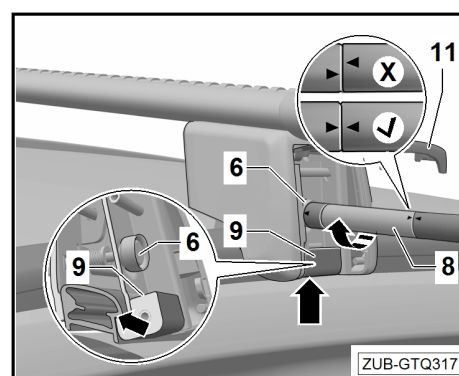
Note

- ◆ *When tightening the tensioning bolts -6-, the required tightening torque (or the required tightening force) of 6 Nm is reached once the two arrows on the torque wrench -8- are exactly opposite each other.*

Tighten the tensioning bolts -6- on both sides alternately to 6 Nm in two steps using the torque wrench -8-.

Caution

The claw fastener -9- must not unhook from the roof rail during this process.





- Check that everything is in the correct position again by tightening the tensioning bolts -6- on both sides to 6 Nm using the torque wrench -8-.
- Close the cover flap -11-.
- Follow the same process to install the second roof bar.



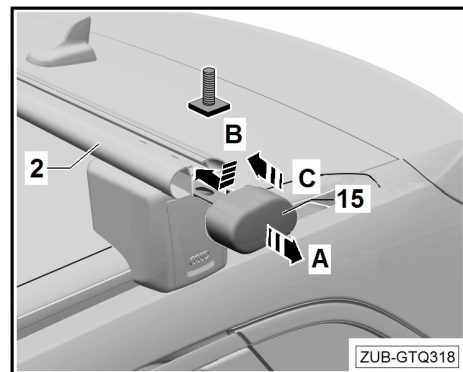
WARNING

All bolt connections and connections for the roof bars for roof rail and for the add-on components must be checked as often as possible and tightened if necessary. →Page 4.

If this guideline is not observed, this can result in the roof bars for roof rail or the add-on components becoming loose or falling off – risk of accident!

4.2 Installing add-on components

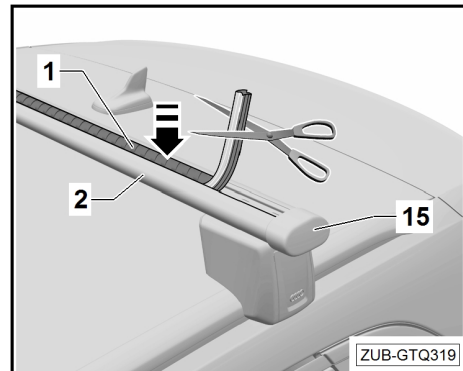
- Secure roof rack modules in accordance with the relevant installation instructions for the roof rack module in question.
- To install the add-on components, remove the profile cap -15- from the profile tube -2- -arrow A-.
- Insert the add-on components in the T groove -arrow B-.
- Slide the profile cap -15- back on -arrow C-.



- If add-on components are fitted, shorten the profile cover -1- accordingly and seal the open areas of the T groove using the profile cover -1-.

When the add-on components are not in use, seal the T groove with the profile cover -1-.

- Adjust the profile cover -1- to the length of the profile tubes -2- with the profile caps -15- closed.
- Position profile cover -1- on the profile tube and press it into the T groove -arrow-.



Note

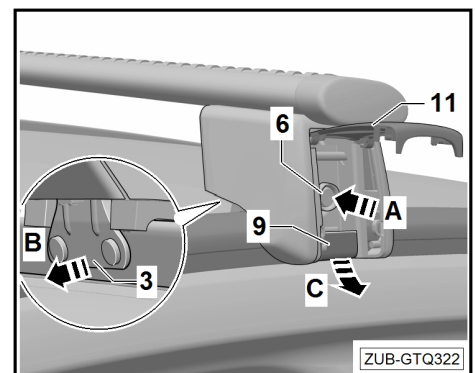
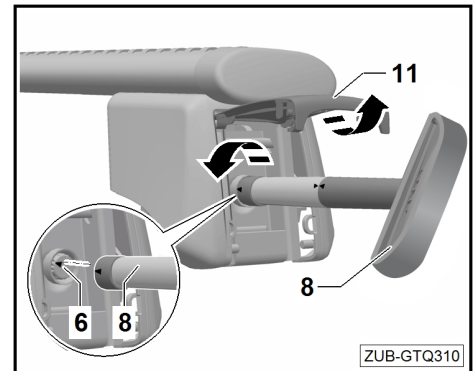
- ◆ *When driving with a roof load, make sure that the German Road Traffic Regulations (StVZO) or any country-specific regulations are observed.*
- ◆ *For reasons of convenience, it is common for the roof bars with/without add-on components to remain on the vehicle, even if they are not in use. As a result of the increased wind resistance, your vehicle will consume more fuel and will produce additional noise.*
- ◆ *We therefore recommend that you remove the roof bars for roof rail after use.*
- ◆ *Increased wind noise can result from driving with the roof bars attached.*
- ◆ *If required, the profile cover provided can be replaced with an improved aeroacoustic version (grooved rubber) for minimising noise (order number 4L0.071.633.A).*



4.3 Removing the roof bars for roof rail

Note

- ◆ *The roof bars for roof rail must be removed by two people.*
- Remove the load and add-on components.
- Open the cover flap -11-.
- Loosen the left and right tensioning bolts -6- alternately.
- Unscrew the tensioning bolts -6- alternately until a slight resistance is felt.
- Push the left and right tensioning bolts -6- towards the vehicle centre -arrow A- to loosen the pin link -3- from the holes in the roof rail -arrow B-.
- Unhook the claw fasteners -9- on both sides -arrow C- and carefully remove the roof bars for roof rail.
- Screw in the tensioning bolts -6- by approx. 12 rotations and close the cover flap -11-.



4.4 General notes

Technical data

Weight of roof bars set for roof rail: approx. 6 kg (13 lbs.)

Roof load/load

To determine the roof load:

The weight of the roof bars for roof rail

+ weight of the add-on component

+ weight of the load

= current roof load

WARNING

Never exceed:

- ◆ *The maximum permissible roof load (75 kg/165 lbs.)*
- ◆ *The maximum permitted axle loads*
- ◆ *The maximum gross vehicle weight rating for your vehicle ⇒ vehicle owner's manual.*

Maintenance instructions:

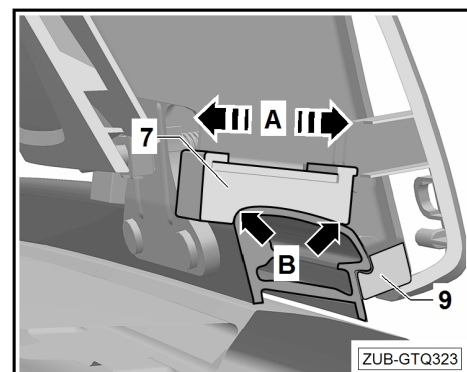
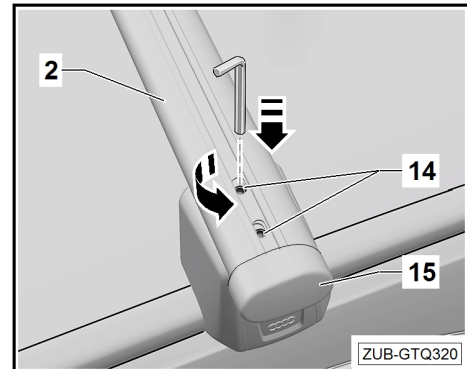
The roof bars for roof rail must always be cleaned and kept in good order. It is particularly important to remove any dirt and salt in the winter.



4.5 Adjusting the width of the roof bars for roof rail

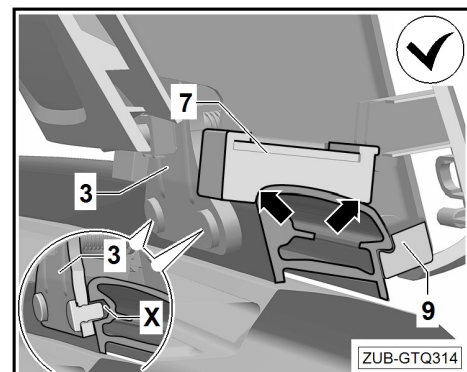
Instructions for the qualified workshop if the position of the support bracket for the relevant vehicle is not set correctly.

- Fit the roof bars for roof rail on the vehicle ⇒ Page 7 and gently tighten just the left-hand side.
- Remove the profile cap -15- from the profile tube -2- far enough that the hexagon socket head bolts -14- can be accessed.
- Use a 5-mm hexagon key to unscrew the hexagon socket head bolt on the right-hand support bracket far enough that the support bracket can be moved. The roof bar for roof rail remains on the vehicle roof during this process.
- Adjust the roof bars for roof rail -arrow A- so that the rubber supports for the right-hand support bracket -7- sit flush with the roof rail -arrow B-.



The roof bars for roof rail are in the correct position if:

- ◆ The rubber supports for the support bracket -7- sit flush against the roof rail -arrows-.
- ◆ The pins in the pin links-3- engage in the holes -X- in the roof rail.
- ◆ The claw fastener -9- is hooked under the roof rail.



- Tighten the hexagon socket head bolt -14- to 10 Nm.
- If necessary, repeat this process on the other roof bars for roof rail.

WARNING

Check that all hexagon socket head bolts -14- 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!

