

Installation instructions

Audi A3 (8V3) 2012 ►

Roof bars 8V3.071.126
for vehicles with „bright moulding package“
(PR no. 4ZB)
and
roof bars 8V3.071.126.L
for vehicles with „black moulding package“
(PR no. 4ZE)
Audi Genuine Accessories®

Edition 06.2012



Contents

1	General notes	1
2	Safety notes	2
3	Parts	6
3.1	Scope of delivery	6
3.2	Parts overview	7
4	Installing/removing roof bars on vehicle	8
4.1	Installing roof bars on vehicle	8
4.2	Installing add-on components	14
4.3	Removing the roof bars from the vehicle	15
4.4	General notes	15
4.5	Setting the roof bar width	16



1 General notes

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



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 assembly instructions.



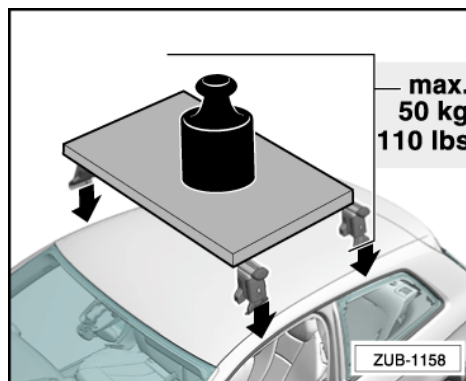
2 Safety notes

Permissible roof load

WARNING

Do not exceed the permissible roof load of 50 kg (110 lbs.) — risk of accident!

Do not exceed the gross vehicle weight rating of roof bars, add-on components and load of 50 kg (110 lbs.).

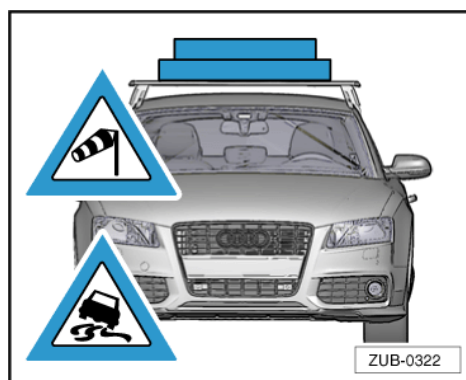


Sensitivity to side winds

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).

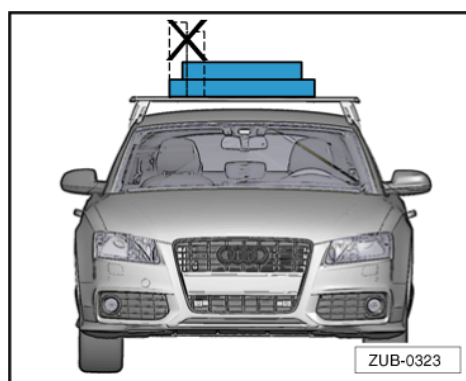


Load — load correctly for the load in question

WARNING

Load roof load on roof bars in the correct manner for the load in question — risk of accident!

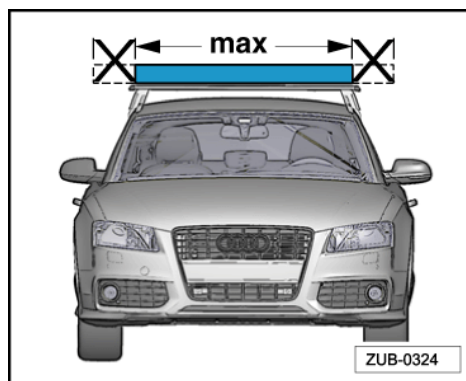
Avoid loading on one side — risk of accident!



Load — width

WARNING

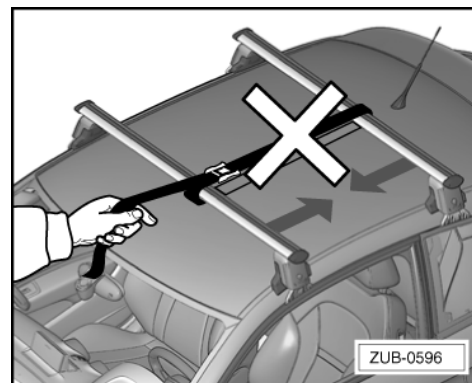
Do not exceed the maximum width of the roof bars — risk of accident!



Load — Do not tension roof bars against each other

⚠ WARNING

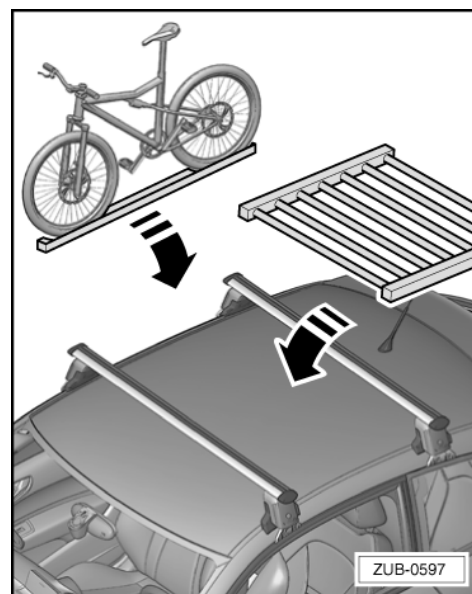
Do not tension roof bars against each other — risk of accident!



Load — install the roof bars first, then install the add-on components

⚠ WARNING

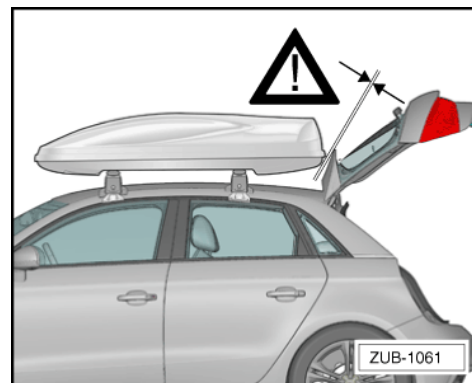
Only fit the add-on components once the roof bars have been installed on the vehicle — risk of accident!



Load — room to open boot lid

⚠ Caution

To prevent damage to the vehicle, make sure that you open the boot lid carefully when installing 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 operating instructions for this) for vehicles with automatic boot lids.



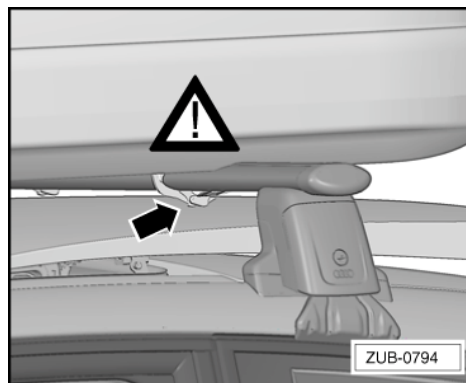


Load — Panorama glass sunroof opening area

⚠ Caution

Add-on components (such as a roof box, bicycle rack etc.) must be securely fastened in the T groove on vehicles with a Panorama glass sunroof ⇒ „Installing add-on components“ on page 14. T-groove adapters are available from your Audi partner and/or qualified workshop.

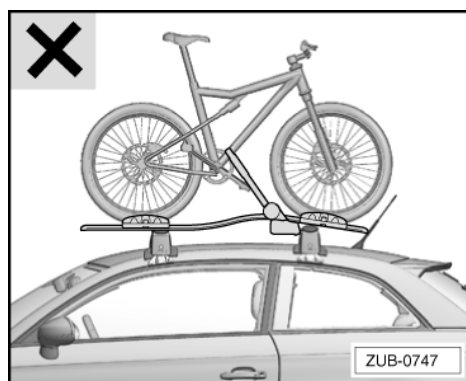
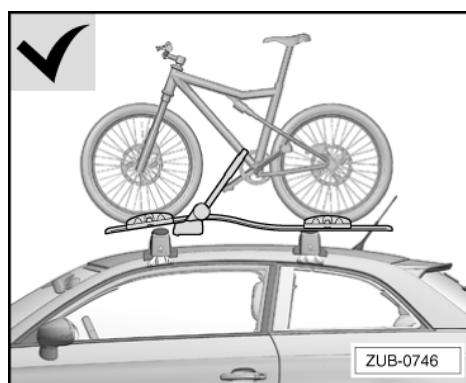
When installing add-on components, check that there is enough room above the Panorama glass sunroof before opening it. If the add-on components are secured using assembly brackets, the Panorama glass sunroof must not be opened — risk of damage resulting from a collision!



Load — Installation of add-on components

⚠ WARNING

Add-on components may only be installed in the direction of travel — risk of accident!





General safety notes

WARNING

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

WARNING

All bolt connections and connections for the roof bars and for the add-on components must be checked prior to travelling to make sure they are positioned and installed 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 or the add-on components becoming loose or falling off — risk of accident!

WARNING

For the safety of other road-users, the roof bars 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 as a result of installing the roof bars with/without add-on components. Please remember this when entering garages, driving through tunnels, underpasses etc.

Caution

Do not enter a car wash with roof bars with/without add-on components installed.



3 Parts

3.1 Scope of delivery

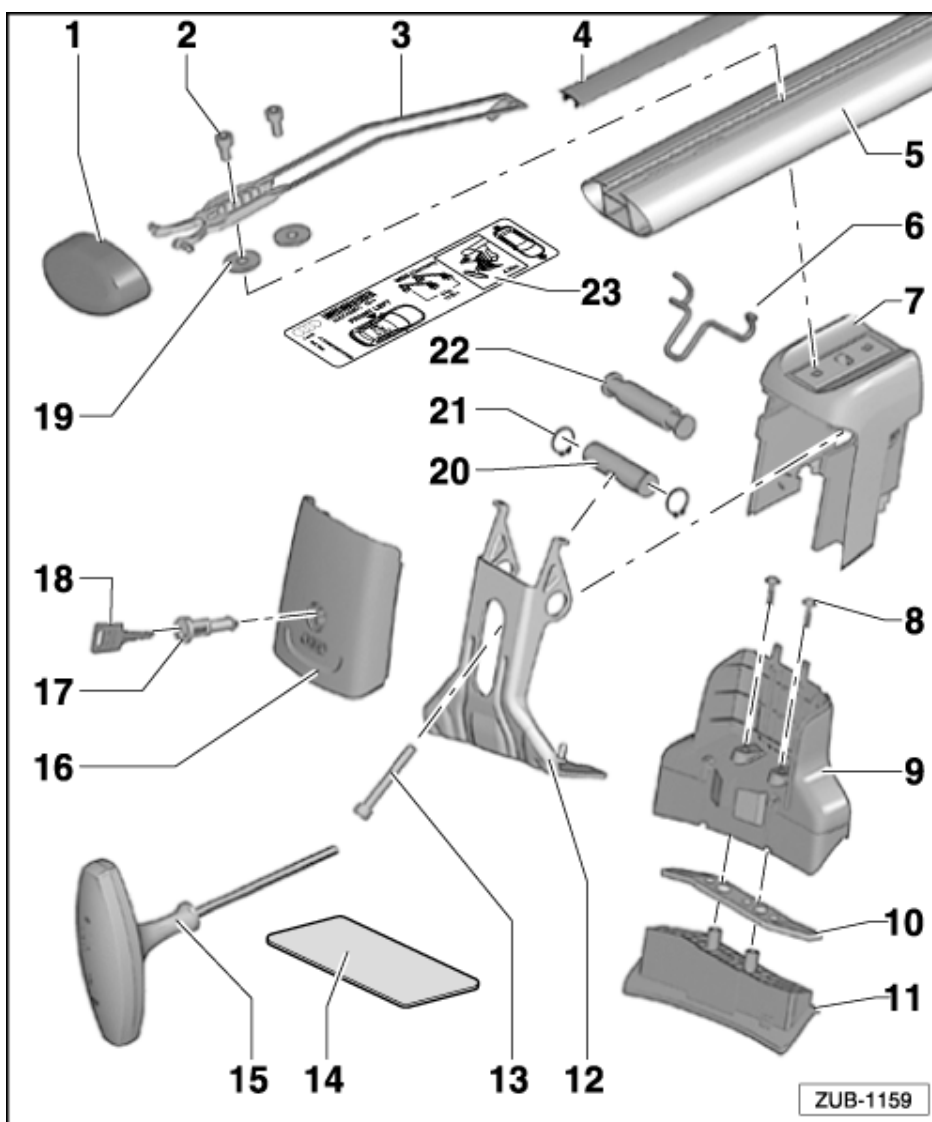
- Before installing the roof bars, check parts for completeness.

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	4-Nm torque wrench	
1	Assembly tool	
2	Key	
1	Installation instructions	



3.2 Parts overview

- 1 - Profile cap (4x)
- 2 - Hexagon bolt M6x12 (8x)
- 3 - Profile cap rebound strap (4x)
- 4 - Profile cover (2x)
- 5 - Profile tube (2x)
- 6 - Hinge wire (4x)
- 7 - Base bracket (4x)
- 8 - Screw 4x15 (8x)
- 9 - Support bracket (4x)
- 10 - Insert (4x)
- 11 - Roof support (4x)
- 12 - Claw fastener (4x)
- 13 - Tensioning bolt (4x)
- 14 - Assembly tool
- 15 - 4-Nm torque wrench
- 16 - Cover flap (4x)
- 17 - Lock (4x)
- 18 - Key (2x)
- 19 - Washer M6 (8x)
- 20 - Claw bolt (4x)
- 21 - Circlip (8x)
- 22 - Base bracket bolt (4x)
- 23 - Label (2x)



Note

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

UK/US



4 Installing/removing roof bars on vehicle

4.1 Installing roof bars on vehicle

Note

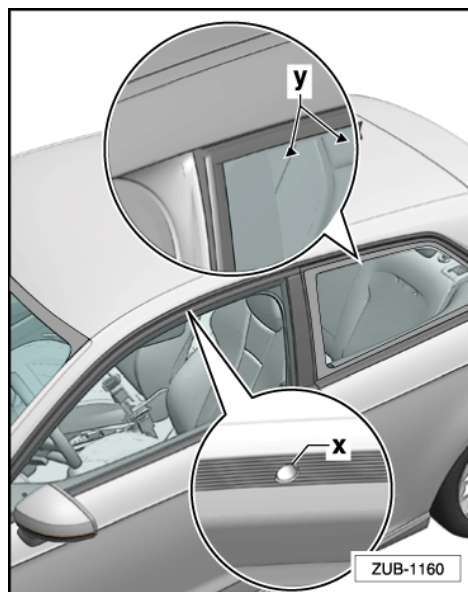
The roof bars must be installed by two people.

- Open the vehicle doors.

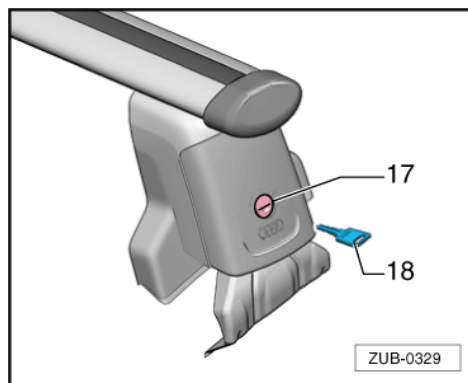
The mounting holes -X- for the front roof bar are located on the undersides of the decorative roof trims.

The position markers (arrows) -Y- for the rear roof bar are located on the side window.

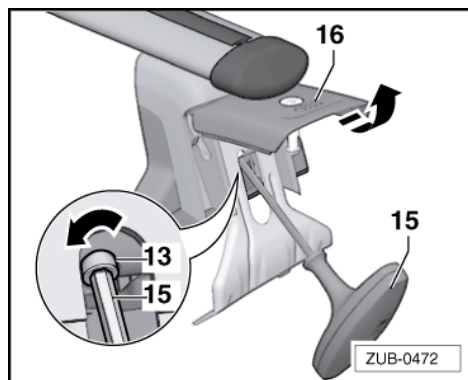
- Clean the contact area between the vehicle roof and the roof bars thoroughly (they should be free from dust and grease).



- Open the lock -17- using the key -18-.
- Note the key number of your roof bars. This will facilitate replacement in the event of loss.

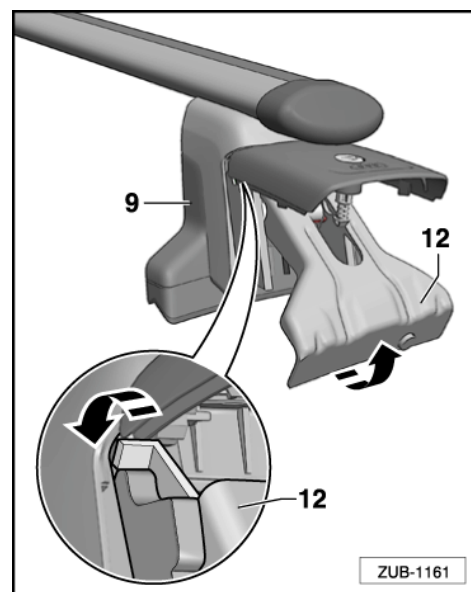


- Open the cover flaps -16-.
- Connect the torque wrench -15- to the bolts -13- and unscrew until obvious resistance is felt.





- Swivel out the claw fasteners -12- and hook the narrow end of the claw fasteners in the installation position on the base supports -9-.
- Open the vehicle doors.

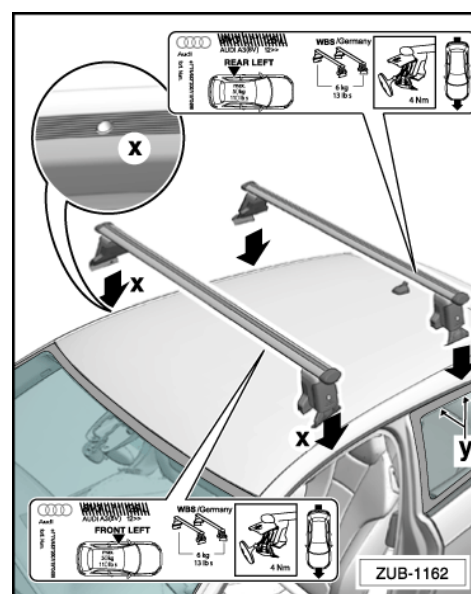


- Carefully position the two roof bars on the vehicle roof in the area marked by the front mounting holes -X- and the rear position markers -Y-. The claw fasteners must be in the installation position when positioning the roof bars. Observe the labels -23- on the underside of the profile tubes when positioning the roof bars.



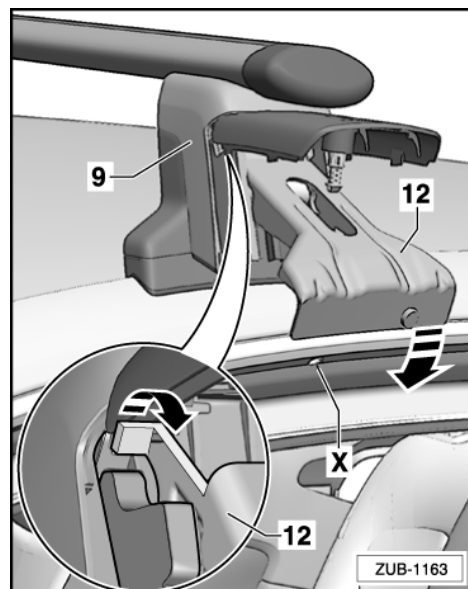
Note

The labels must be on the left-hand side of the vehicle and the printed arrow must point in the direction of travel.



4.1.1 Installing the front roof bar — for vehicles with „bright moulding package“ and vehicles with „black moulding package“

- Unhook the top claw fastener -12- from the installation position on the support bracket- 9- and swivel down.



- Check the exact installation position of each roof bar!
- The positioning bolt -Z- of the claw fastener -12- must be positioned precisely below the decorative roof trim mounting hole -X-.
- Move the roof bar forwards or backwards if necessary.

⚠ Caution

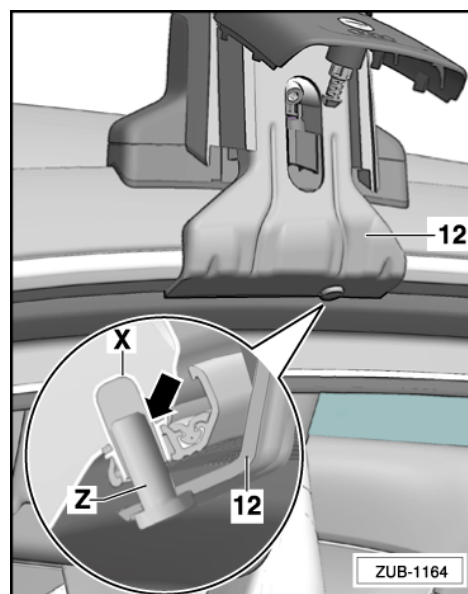
The positioning bolt -Z- of the claw fastener -12- must be positioned precisely under the mounting hole -X-.

- Carefully slide the claw fastener -12- upwards, guiding the positioning bolt -Z- into the mounting hole -X- on the decorative trim as you do so. Hold the claw fastener in this position and gently tighten the bolts -13- using the torque wrench -15-.

⚠ Caution

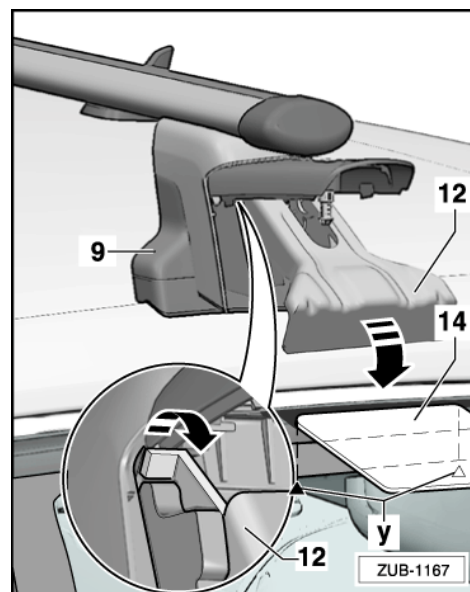
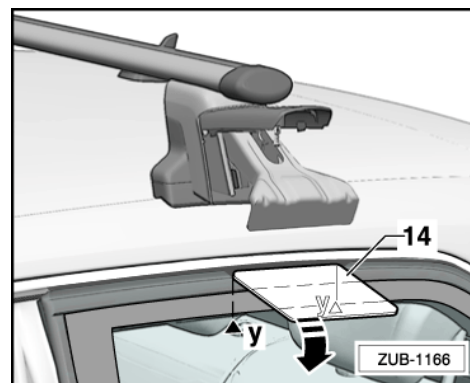
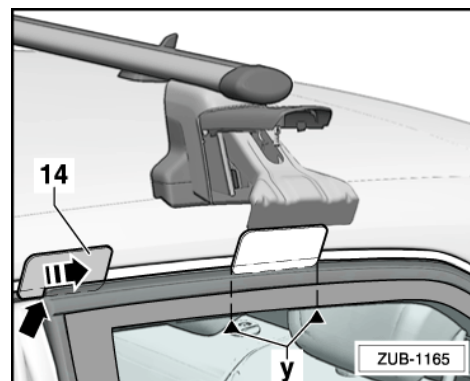
If the claw fastener -12- will not easily slide upwards, check the position of the roof bar and correct it.

- Follow the same procedure on the opposite side.
- Install the rear roof bar ⇒ „Installing the rear roof bar — for vehicles with „bright moulding package“ (4ZB)“ on page 11 or ⇒ „Installing the rear roof bar — for vehicles with „black moulding package“ (4ZE)“ on page 12.



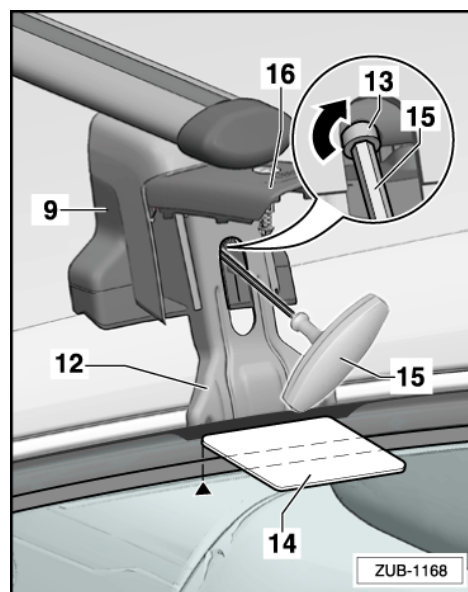
4.1.2 Installing the rear roof bar — for vehicles with „bright moulding package“ (4ZB)

- Carefully guide the assembly tool -14- into the area of door between the decorative trim and window rubber.
 - Push the assembly tool -14- carefully to the rear and align with the arrows -Y- in the side window.
 - The assembly tool -14- must be positioned between the arrows -Y- in the side window.
-
- Pull the assembly tool -14- downwards and hold it in this position.
-
- Unhook the claw fastener -12- from the installation position on the support bracket- 9- by pulling upward, then swivel down.
 - Carefully insert the claw fastener -12- between the assembly tool -14- and the decorative roof trim and push it in as far as it will go.
 - The claw fastener -12- must be positioned between the arrows -Y- in the side window.



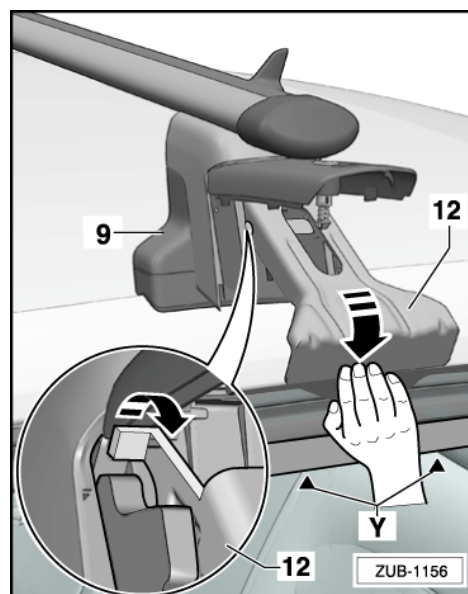


- Hold the claw fastener -12- in the installation position and gently tighten the bolts -13- using the torque wrench -15-.
- Remove the assembly tool -14- and follow the same procedure on the opposite side.
- Tighten the roof bars ⇒ „Securing the front and rear roof bars — for vehicles with „bright moulding package“ (4ZB) and vehicles with „black moulding package“ (4ZE)“ on page 13.

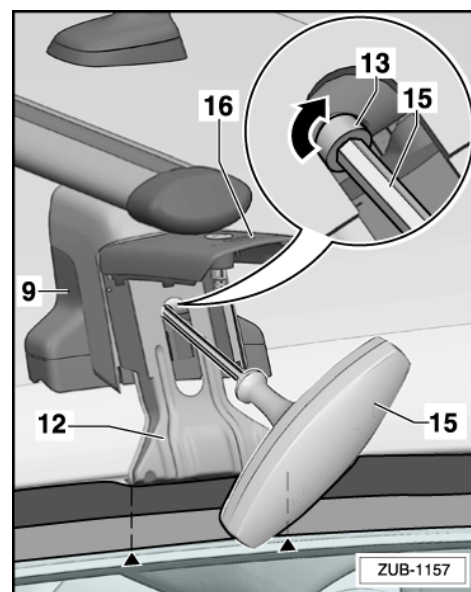


4.1.3 Installing the rear roof bar — for vehicles with „black moulding package“ (4ZE)

- Using your fingers, fold down the side window rubber between the arrows -Y- in the side window and hold it in this position.
- Unhook the claw fastener -12- from the installation position on the support bracket -9- by pulling upward, then swivel down.
- Carefully insert the claw fastener -12- between the side window rubber and the sidewall frame and push it in as far as it will go.
- The claw fastener -12- must be positioned between the arrows -Y- in the side window.
- Let go of the side window rubber.



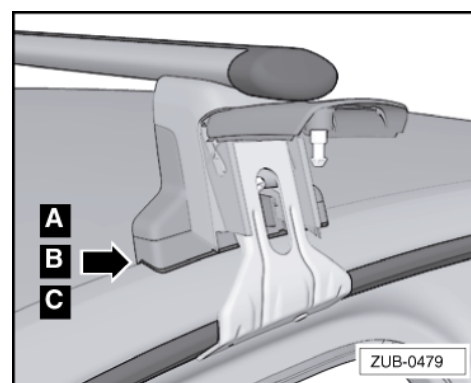
- Gently tighten the bolt -13- using the torque wrench -15-.
- Follow the same procedure on the opposite side.
- Tighten the roof bars ⇒ „Securing the front and rear roof bars — for vehicles with „bright moulding package“ (4ZB) and vehicles with „black moulding package“ (4ZE)“ on page 13.



UK/US

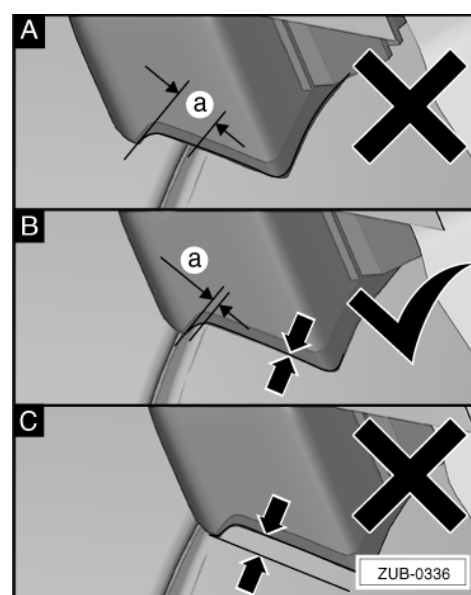
4.1.4 Securing the front and rear roof bars — for vehicles with „bright moulding package“ (4ZB) and vehicles with „black moulding package“ (4ZE)

- Align the roof bars laterally — make sure they sit correctly on the roof edge -arrow-.



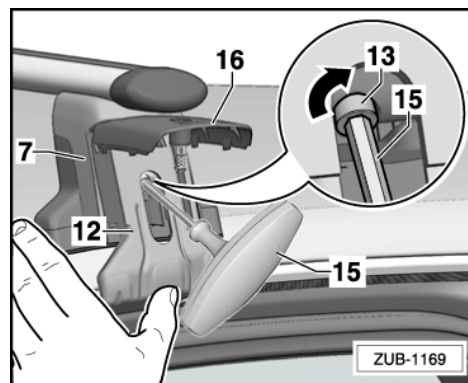
The gap -a- must not exceed 1 mm.

If the rubber supports on the support bracket housing are not flush to the surface, we recommend that you have the width adjustment checked and corrected by a qualified workshop ⇒ „Setting the roof bar width“ on page 16. Remove the roof bars before doing so.



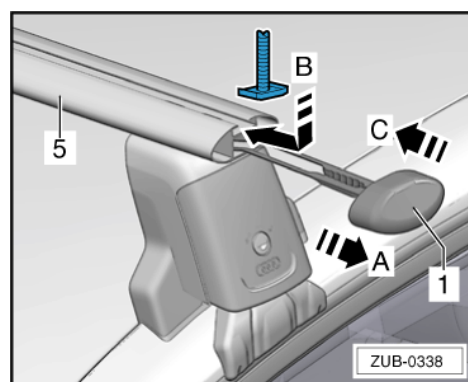


- Gently tighten the tensioning bolts -13- on alternate sides using the torque wrench -15-.
- Check the position of the base bracket -7- and claw fastener -12- and correct if necessary.
- Tighten one tensioning bolt -13- after another using the torque wrench -15- until the torque wrench -15- makes an audible clicking sound. This indicates that the correct tightening torque has been applied.
- Close the cover flaps -16- and close the lock -17- with the key -18-.



4.2 Installing add-on components

- Secure the add-on components in accordance with the relevant installation instructions.
- To install the add-on components, remove the profile cap -1- from the profile tube -5- -arrow A-.
- Insert the add-on components in the T groove -arrow B-.
- Slide the profile cap -1- back on -arrow C-.

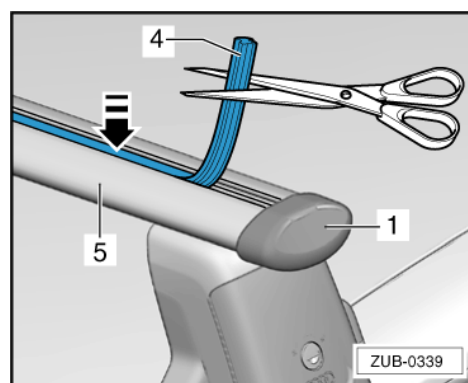


When the add-on components are not in use, secure the T groove with the profile cover -4-.

- Adjust the profile cover -4- to the length of the profile tubes -5- with the profile caps -1- closed.
- Place the profile cover -4- on the T groove on the profile tube -5- and press the cover into the T groove -arrow-.

Note

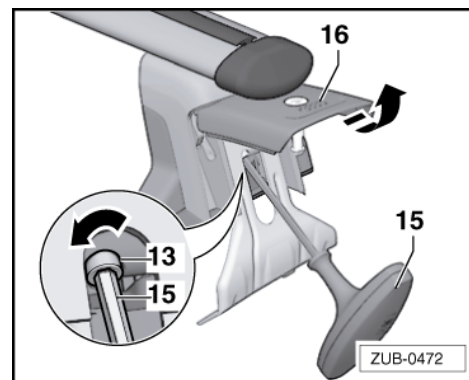
- ◆ *When driving with a roof load, ensure that the German Road Traffic Regulations (StVZO) or any country-specific regulations are observed.*
- ◆ *For reasons of convenience, it is common for the roof bars with/without add-on components to remain on the vehicle, even if they are not in use. As a result 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 after use.*
- ◆ *Increased wind noise can result from driving with the roof bars attached.*



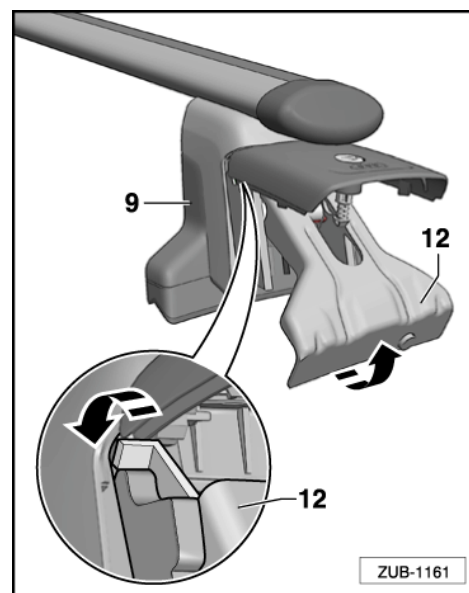


4.3 Removing the roof bars from the vehicle

- Remove the load and the add-on components.
- Open the lock -17- using the key -18- and open the cover flap -16-.
- Open the vehicle doors.
- Unscrew the left and right tensioning bolts -13- alternately using the torque wrench -15- until obvious resistance is felt.



- Pull the claw fasteners -12- at the left and right of the front roof bar downward as far as they will go. The positioning bolts should no longer be in the mounting holes.
- Swivel the claw fasteners -12- on the front roof bar upwards and hook the „narrow ends“ into the installation position on the support bracket -9-.
- Remove the front roof bar from the vehicle roof.
- Pull the claw fasteners -12- on the rear roof bar out of the sidewall frame on the left and right-hand sides.
- Swivel the claw fasteners -12- on the rear roof bar upwards and hook the „narrow ends“ into the installation position on the support bracket -9-.
- Remove the rear roof bar from the vehicle roof.
- Unhook the claw fasteners -12- from the installation position and swivel downward.
- Screw in the tensioning bolt -13- by approx. 10 rotations.
- Close the cover flap -16- and lock the lock with the key.



4.4 General notes

Technical data

Weight of roof bar set: approx. 6 kg (13 lbs).

Roof load/load

To determine the roof load:

Weight of the roof bars
+ Weight of the add-on component
+ The weight of the load
= Roof load



⚠ WARNING

Never exceed

- ◆ **the maximum permissible roof load (50 kg/110 lbs.)**
- ◆ **the gross axle weight rating**
- ◆ **the gross vehicle weight rating**

of your vehicle's ⇒ Vehicle Owner's Manual — risk of accident!

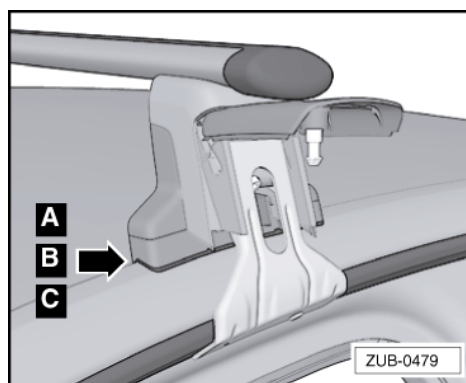
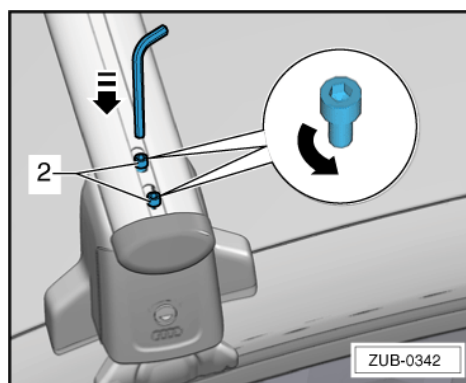
Maintenance instructions:

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

4.5 Setting the roof bar width

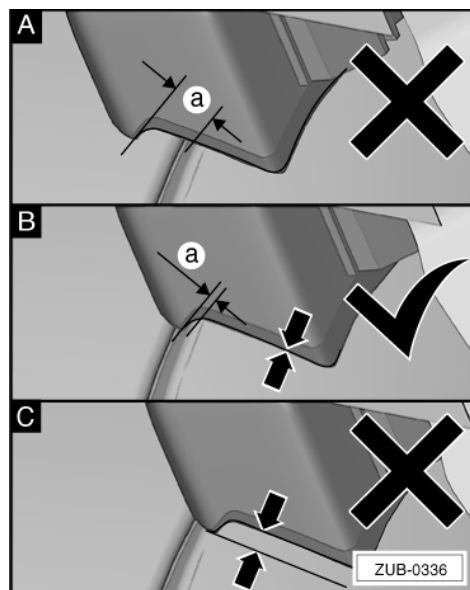
Instructions for the qualified workshop if the position of the support bracket for the relevant vehicle is not set correctly.

- Install the roof bars on the vehicle ⇒ **Page 8**.
- Use a hexagon socket wrench (5 mm) to unscrew the hexagon bolts -2- on the right-hand support bracket -9- far enough that the support bracket can be moved. The roof bar remains on the vehicle roof during this process.
- Adjust the roof bar so that the rubber support on the right-hand support bracket housing sits flush with the roof edge - arrow-.





The gap -a- must not exceed 1 mm.



UK/US

- Tighten the hexagon bolts -2- to 8 Nm.
- Repeat the procedure on the other roof bar.



WARNING

Check that all hexagon bolts have been tightened (8 Nm). If this guideline is not observed, this can result in the roof bars becoming loose or falling off — risk of accident!

