

Fitting instruction Audi A1 (8X) 2011 ➤

Audi Genuine Accessories®

Roof bars 8X3.071.126

Edition 01.2011



Service

Contents

1	General notes	1
2	Safety notes	2
3	Parts	6
3.1	Scope of delivery	6
3.2	Parts overview	6
4	Installing/removing roof bars on vehicle	8
4.1	Installing roof bars on vehicle	8
4.2	Installing add-on components	12
4.3	Removing the roof bars from the vehicle	13
4.4	General notes	13
4 5	Setting the roof har width	1⊿

General notes 1

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.

Safety notes 2

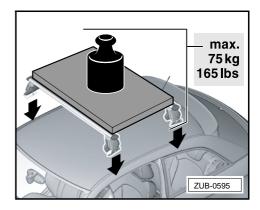
Permissible roof load



/!∖ WARNING!

Do not exceed the permissible roof load of 75 kg (165 lbs.) - risk of accident!

Do not exceed the gross vehicle weight rating of roof bars, add-on components and load of 75 kg (165 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).



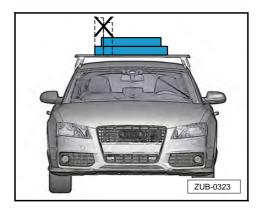
Load - load correctly for the load in question



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!

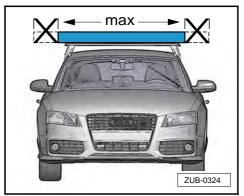


Load - width



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!

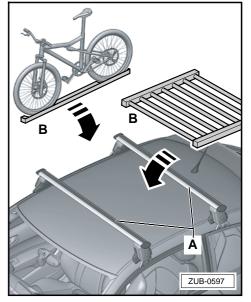
ZUB-0596

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!

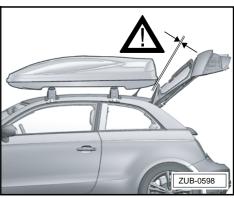


Load - room to open boot lid



(!) 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.



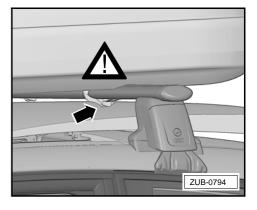
Load — Panorama glass sunroof opening area



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 ⇒ "4.2 Installing add-on components" on page 12.

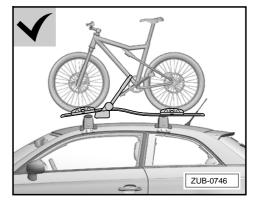
When installing add-on components, check that there is enough room above the Panorama glass sunroof before opening it. If the add-on components are secured using assembly brackets, the Panorama glass sunroof must not be opened — risk of damage resulting from a collision!



Load — Installation of add-on components

$/! \setminus WARNING!$

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 due to the installation of the roof bars 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 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		
1	Profile cover	Length 2500 mm		
1	4-Nm torque wrench			
1	Assembly tool			
2	Key			
1	Installation instructions			

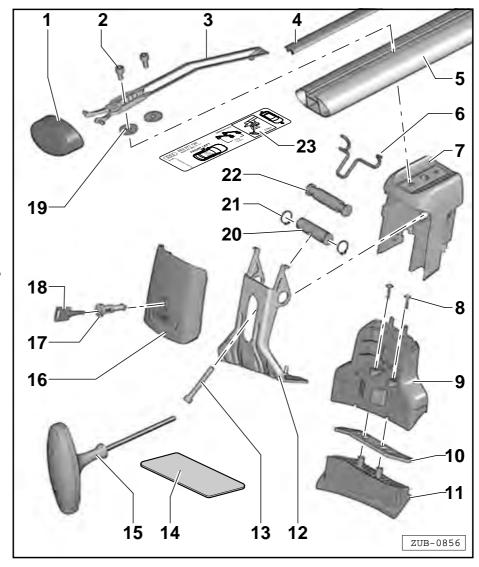
3.2 Parts overview

- 1 Profile cap (4x)
- 2 Hexagon bolt M6x12 (8x)
- 3 Profile cap rebound strap (4x)
- 4 Profile cover
- 5 Profile tube
 - ☐ front
 - □ rear



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

- 6 Hinge wire (4x)
- 7 Base bracket (4x)
- 8 Screw 4x15 (8x)
- 9 Base support
 - ☐ front left
 - ☐ front right
 - ☐ rear left
 - rear right
- 10 Insert (4x)
- 11 Roof support
 - ☐ front left
 - ☐ front right
 - ☐ rear left
 - rear right



_	_			-		
1	フ-	Cla	we	ta	ste	ner

- ☐ front left, with positioning bolt
- ☐ front right, with positioning bolt
- ☐ rear left, without positioning bolt
- ☐ rear right, without positioning bolt
- 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
- 21 Circlip
- 22 Base bracket bolt
- 23 Labels
 - ☐ front
 - ☐ rear

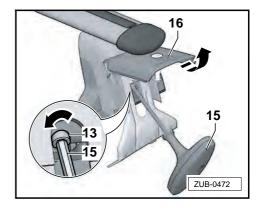
4 Installing/removing roof bars on vehicle

4.1 Installing roof bars on vehicle

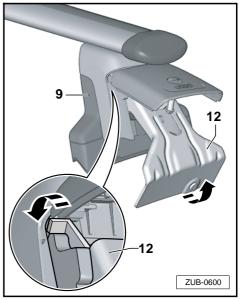
Preparing roof bars for installation:

- 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-.



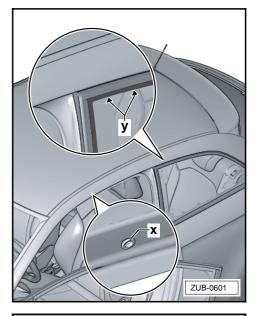
Preparing vehicles for installation

- Open the vehicle doors.

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

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).



Installing the roof bars

- 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 on the underside of the profile tubes -24- when positioning the roof bars.

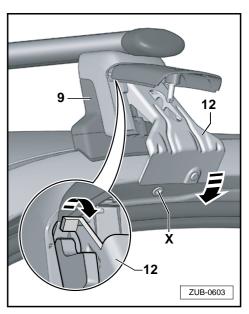


The labels must be on the left-hand side of the vehicle and the printed arrow must point in the direction of travel.



Installing the front roof bar

- Unhook the claw fastener -12- from the installation position on the support bracket- 9- by pulling upward, then swivel down.



- Check the exact installation position of the roof bar —
 the positioning bolts of the claw fastener -12- must be
 positioned precisely below the sidewall frame mounting
 hole -arrow-. Move the roof bar to the front or rear if
- Push the claw fastener -12- carefully upward, inserting the positioning bolt in the mounting hole as you do so. Hold the claw fastener in this position and gently tighten the bolts -13- using the torque wrench -15-.



necessary.

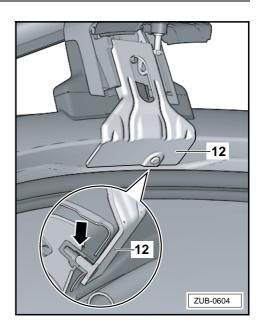
The claw fastener installation bolt must be positioned precisely below the mounting hole.

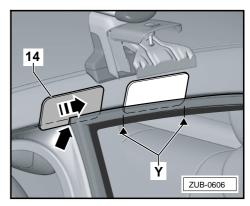
If the claw fastener -12- will not easily slide upward, check the position of the roof bar and correct it.

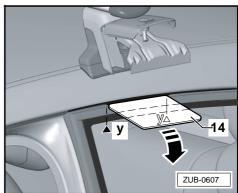
- Follow the same procedure on the opposite side.

Installing the rear roof bar

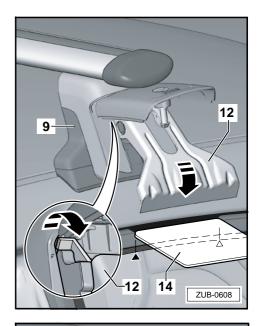
- Guide the assembly tool -14- carefully from the door area to the rear of the vehicle between the sidewall frame and the window rubber.
- Push the assembly tool -14- carefully to the rear and align with the arrows in the side window -Y-.
- The assembly tool -14- must be positioned between the arrows in the side window -Y-.
- Pull the assembly tool -14- downward and hold it in this position.



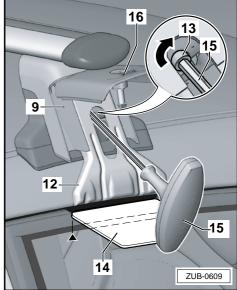




- Unhook the claw fastener -12- from the installation position on the support bracket- 9- by pulling upward, then swivel down.
- Insert the claw fastener -12- carefully between the assembly tool -14- and the sidewall frame and push it in as far as it will go.

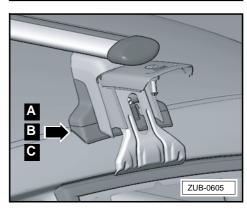


- Gently tighten the bolt -13- using the torque wrench -15-. Now remove the assembly tool -14-.
- Follow the same procedure on the opposite side.



Both roof bars

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



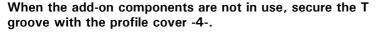
The gap -a- must not exceed 1 mm.

If the rubber supports on the support bracket housing are not flush to the surface, we recommend that you have the width adjustment checked by a qualified workshop \Rightarrow "4.5 Setting the roof bar width" on page 14. Remove the roof bars before doing so.

- Check the position of the support base housing -9- and claw fastener -12- and correct if necessary.
- Tighten the tensioning bolts -13- alternately using the torque wrench -15- until the torque wrench 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

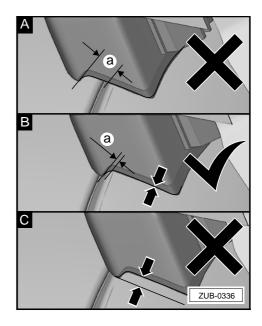
- Secure the add-on components in accordance with the relevant assembly instructions.
- To install the add-on components, remove the profile cap
 -1- from the profile tube -5- -arrow A-.
- Insert the add-on components in the T groove -arrow B-.
- Slide the profile cap -1- back on -arrow C-.

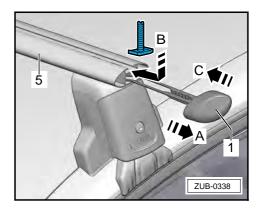


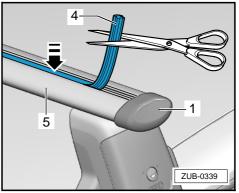
- Adjust the profile cover -4- to the length of the roof bars with the profile caps -1- closed.
- Place profile cover -4- on the T groove on the roof bars -5and press into the T groove -arrow-.

i 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.



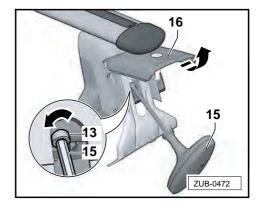




- Increased wind noise can result from driving with the roof bars attached.
- ♦ If required, the profile cover provided can be replaced with an improved aeroacoustic version (grooved rubber) for minimising noise (order number 4L0.071.633.A).

4.3 Removing the roof bars from the vehicle

- Remove the load and the add-on components.
- Open the lock using the key 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



- 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.
- Carefully pull out the claw fasteners -12- for the rear roof bar between the window rubber and the sidewall frame.
- Swivel the claw fasteners -12- upward and hook the "narrow end" into the installation position on the base support -9-.
- Remove the roof bars from the vehicle roof.
- Unhook the claw fasteners -12- from the installation position and swivel downward.
- Turn bolt -13- approx. 10 times to screw in.
- Close the cover flap -16- and lock the lock with the key.
- Manually insert the plastic plugs into the mounting holes on the underside of the decorative roof trim.

ZUB-0600

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

- The weight of body part
- The weight of the load
- Roof load



WARNING!

Never exceed

- ♦ the maximum permissible roof load (75 kg/165 lbs.)
- ♦ the gross axle weight rating
- ♦ the gross vehicle weight rating

of your vehicle \Rightarrow Vehicle Owner's Manual - risk of accident!

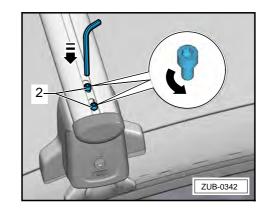
Maintenance instructions:

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.

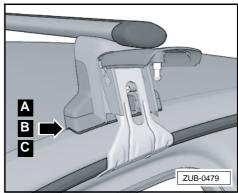
4.5 Setting the roof bar width

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

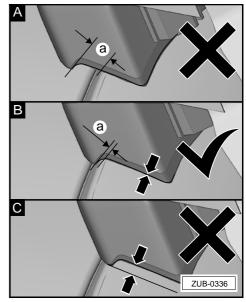
- Install the roof bars on the vehicle ⇒ page 8.
- Use an Allen key (5 mm) to unscrew the hexagon bolts -2on the right-hand support bracket far enough that the support bracket can still be moved. The roof bar remains on the vehicle roof during this process.



 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.



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



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!

