

Installation instructions

Audi A3 Saloon (GY) 2020 ►

Carrier units

Scope of delivery 8Y5.071.126

Audi Genuine Accessories

Edition 01



Contents

1	Notes	1
1.1	Safety instructions	1
1.2	Safety notes for loading	2
1.3	Technical notes	3
1.4	Scope of delivery	3
1.5	Overview of components	4
1.6	Installing carrier units on the vehicle	4
1.7	Installing roof rack modules using T-slot nuts	7
1.8	Installing the profile cover	7
1.9	Removing the carrier units	8
1.10	Adjusting the carrier unit width	8



1 Notes

1.1 Safety instructions



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.*



⚠ WARNING

On vehicles with a panorama glass roof, it is no longer possible to open the panorama glass roof once the carrier unit has been installed.

⚠ 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.

⚠ 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 fit the roof rack modules once the carrier units have been installed 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. 6.8 kg (15 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.**

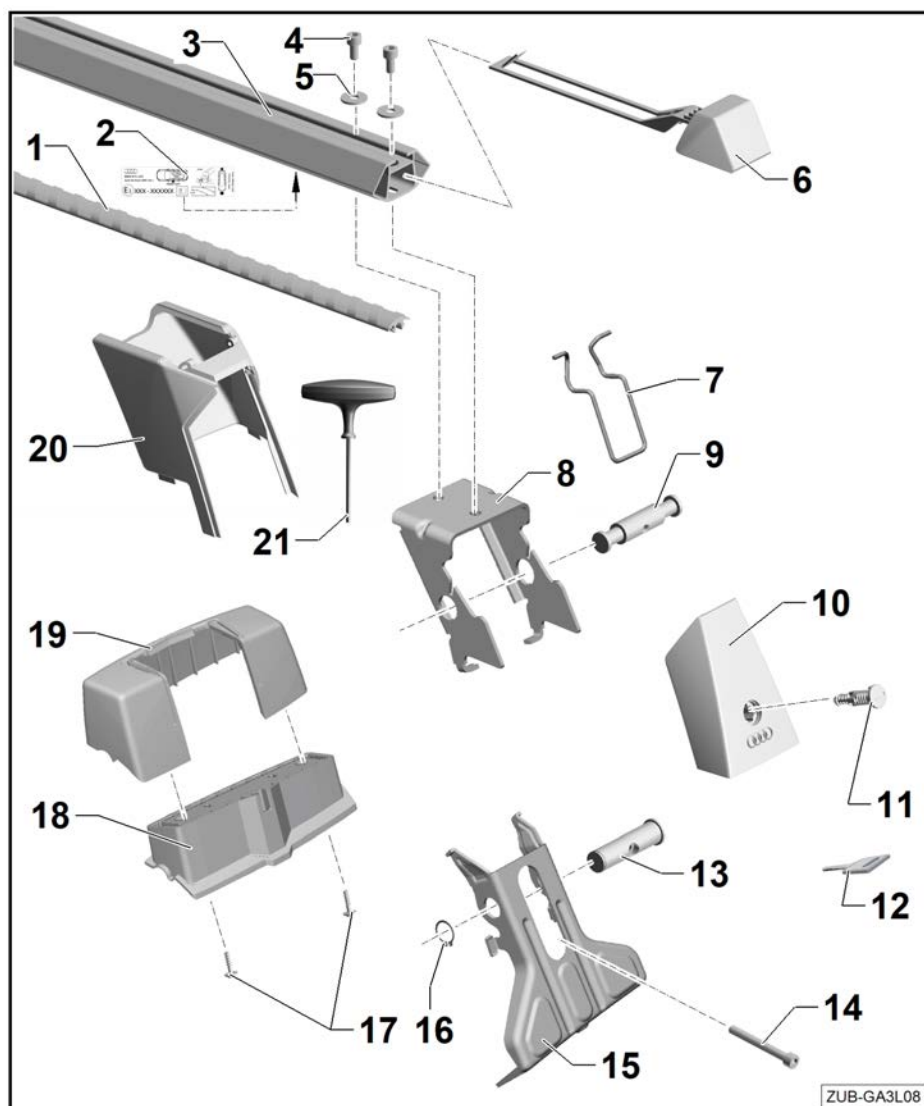
1.4 Scope of delivery

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 4 Nm	
2	Keys	
1	Fitting instructions	



1.5 Overview of components

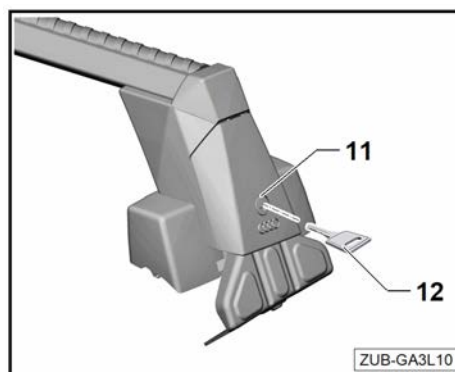
- 1 - Profile cover (2x)
- 2 - Label (2x)
 - "front left", "rear left"
- 3 - Profile tube (2x)
- 4 - Hexagon socket head bolt, M6 x 12 (8x)
- 5 - Washer M6 (8x)
- 6 - Profile cap (4x)
- 7 - Hinge wire (4x)
- 8 - Base bracket with reinforcing sheet metal (4x)
- 9 - Base bracket bolt (4x)
- 10 - Cover flap (4x)
- 11 - Lock (4x)
- 12 - Key (2x)
- 13 - Claw fastener bolt (4x)
- 14 - Tensioning bolt (4x)
- 15 - Claw fastener (4x)
- 16 - Circlip (4x)
- 17 - Bolts (8x)
- 18 - Plastic base support with roof support (4x)
- 19 - Plastic base support cover (4x)
- 20 - Base bracket cover (4x)
- 21 - 4-Nm torque wrench (1x)



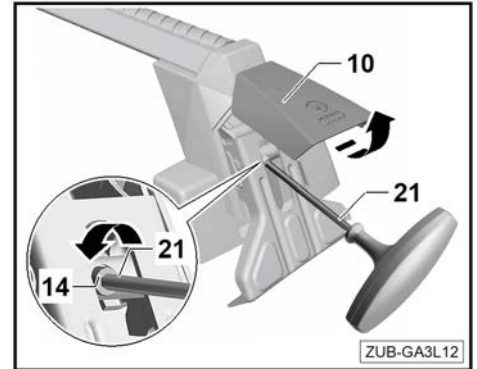
1.6 Installing carrier units on the vehicle

Preparing carrier units for installation:

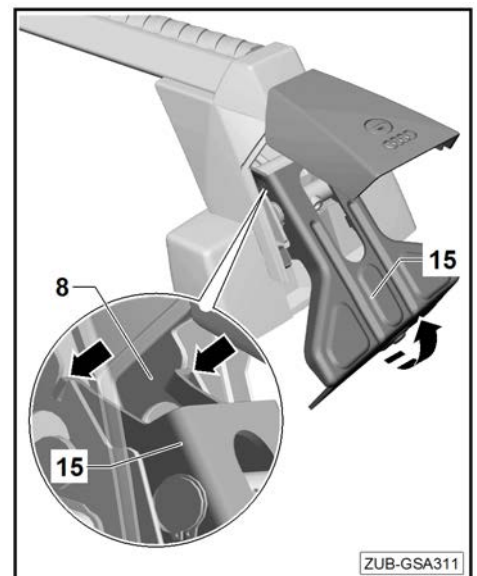
- Open the lock -12- using the key -11-.
- Note the key number of your carrier unit here. This will facilitate replacement in the event of loss.



- Open the cover flaps -10-.
- Connect the torque wrench -21- to the bolts -14- and unscrew the bolts until obvious resistance is felt.



- Swivel out the claw fasteners -15- and hook the narrow end of the claw fasteners into the installation position on the base brackets -8- -arrow-.

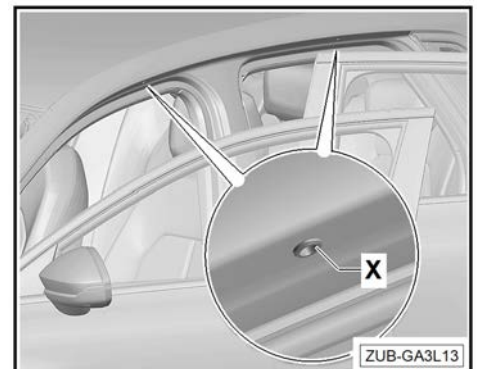


Preparing the vehicle for installation:

- Open the vehicle doors.

The mounting holes -X- are located on the undersides of the sidewall frame.

- Any soiling must be removed carefully.
- ◆ Clean the contact area between the vehicle roof and the roof bars thoroughly (they should be free from dust and grease).



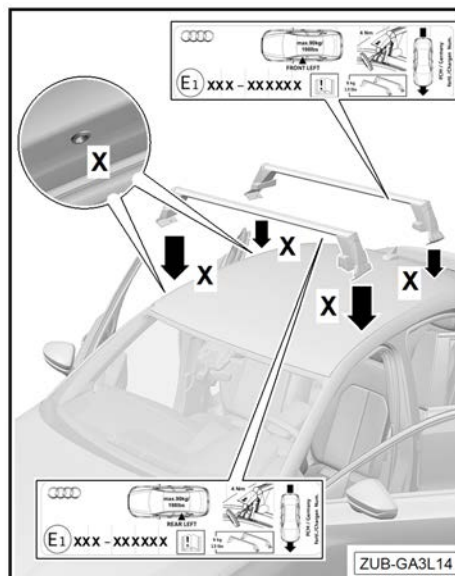


Installing carrier units:

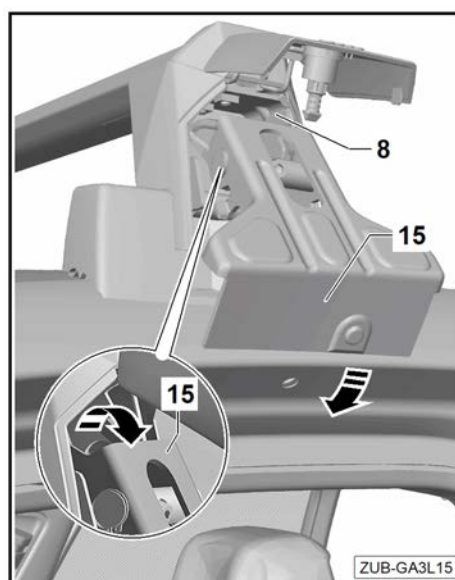
- Carefully position both roof bars on the vehicle roof in the area of the mounting holes -X-. The claw fasteners must be in the installation position when positioning the roof bars. Observe the labels -2- on the underside of the profile tubes when positioning the carrier units.

Note

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



- Unhook the claw fastener -15- from the installation position on the base bracket -8- by pulling upward, then swivel down.



Check the exact installation position of the carrier unit – the positioning bolts of the claw fastener -15- must be positioned precisely below the mounting hole -arrow-. Move the roof bar forwards or backwards if necessary.

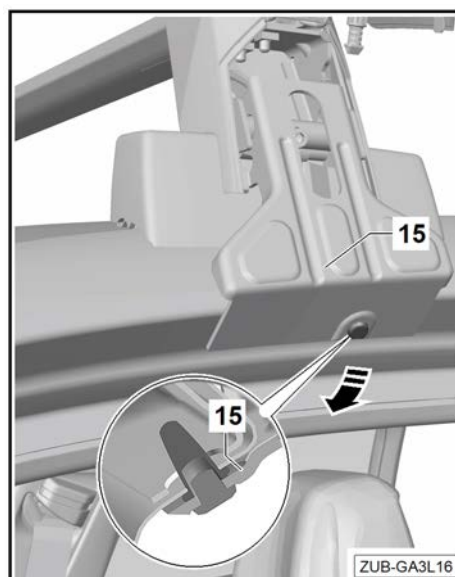
Carefully slide the claw fastener -15- upward so that the positioning bolts are inserted into the mounting hole; hold the claw fastener in this position.

Caution

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

If the claw fastener -15- will not easily slide upward, check the position of the roof bar and correct it.

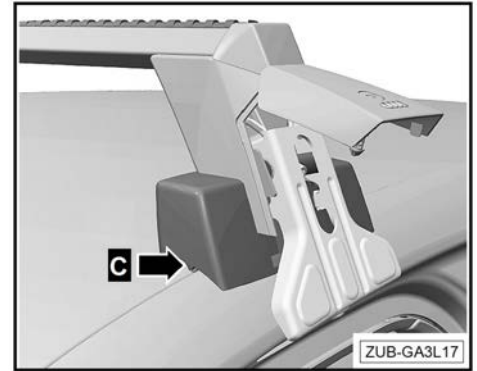
Adjusting the carrier unit width ⇒ Page 8.



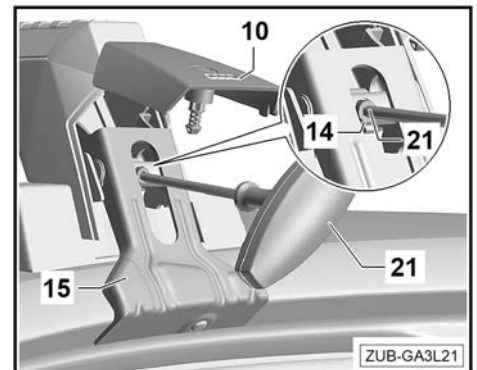
- Align the roof bar laterally — make sure it sits correctly on the roof edge -arrow-.

The gap -C- must not exceed 1 mm.

If the rubber supports on the base bracket housing are not flush to the surface, we recommend that you have the width adjustment checked and corrected by a qualified workshop. Adjusting the carrier unit width ⇒ Page 8. Install the carrier units before doing so.

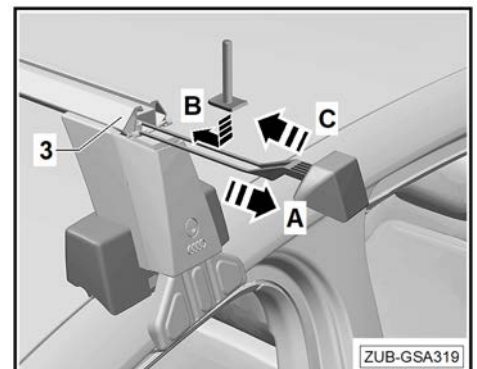


- Gently tighten the tensioning bolts -14- alternately using the torque wrench -21-.
- Check the position of the base bracket -8- and claw fastener -15- and correct if necessary.
- Tighten one tensioning bolt -14- after another using the torque wrench -21- until the torque wrench makes an audible clicking sound. This indicates that the correct tightening torque has been applied.
- Close the cover flap -10- and lock the lock -11- with the key -12-.
- Remove the key -12-. Follow the same procedure to install the second roof bar.



1.7 Installing roof rack modules using T-slot nuts

- To install the T-slot nuts, remove the profile cap -5- from the profile tube -2- -arrow A-.
- Insert the T-slot nut in the T groove provided -arrow B-.
- Slide the profile cap -6- back on and close it -arrow C-.
- Secure the roof rack modules to the T-slot nuts in accordance with the respective installation instructions.



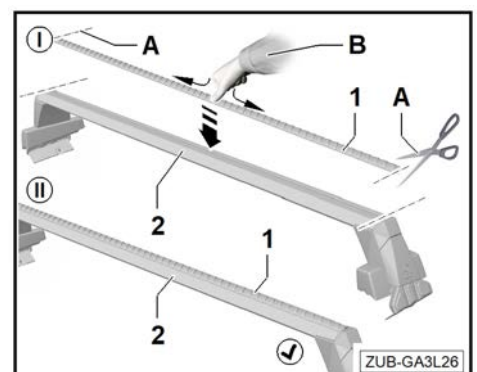
1.8 Installing the profile cover

Note

- ◆ *Do not use lubricants to install the profile cover!*

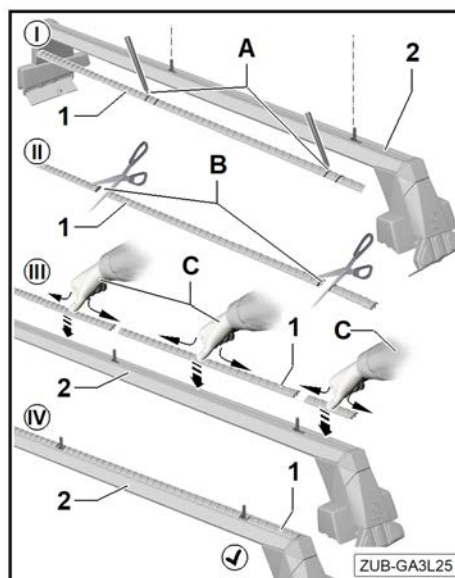
Installing the profile cover without using T-slot nuts to secure roof rack modules:

- I - 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-.
- II - 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:

- I - Measure the profile cover -1- and mark out the sections -A-.
- II - Shorten the profile cover -1- using a suitable workshop tool -B-.
- III - 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-.
- IV - 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.

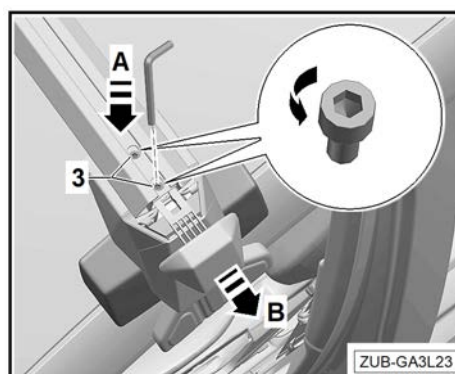
1.10 Adjusting the carrier unit width

Note

- ◆ Each carrier unit is pre-adjusted by the manufacturer in line with your vehicle's requirements.
- ◆ If the carrier units are not correctly adjusted, the correct basic setting must be made by a qualified workshop.

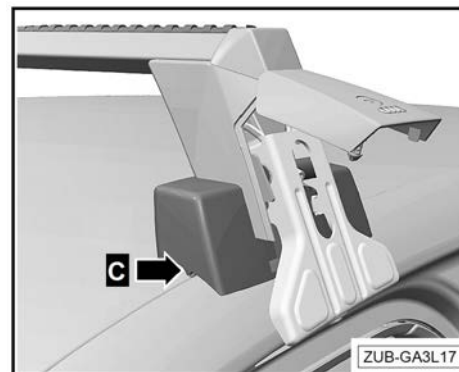
Instructions for the qualified workshop if the position of the support bracket for the relevant vehicle is not set correctly.

- Install the carrier units on the vehicle
- Lift the profile cap approx. -2 cm- from the profile tube -A- to access the hexagon bolts.
- Use a hexagon socket wrench -B- (5 mm) to unscrew the hexagon socket head bolt -4- on the right-hand support bracket far enough that the support bracket can be moved. The carrier unit 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 -C- must not exceed 1 mm.



- Use a hexagon socket wrench -A- (5 mm) to tighten the hexagon bolt -4- to 8 Nm.
- Push the profile cap back into the profile tube -B-.
- Repeat the procedure on the other roof bar if necessary.



WARNING

Check that all hexagon socket head bolts have been tightened (to 8 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 (4 Nm).

