Audi 4L Q7 Overland Roof Rack
Installation Instructions - Click HERE to Shop

Skill Level
2 - Moderate

Some Experience Recommended



Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times to eliminate the possibility of personal injury or improper service which could damage the vehicle or compromise its safety.

INSTALLATION NOTES

- **RH** refers to the ***passenger side*** of the vehicle.
- **LH** refers to the ***driver side*** of the vehicle.
- Always use the proper torque specifications.
- If applicable to this installation, torque specifications will be listed throughout the document and at the end as well.
- Please read all of these instructions and familiarize yourself with the complete process **BEFORE** you begin.

GENERAL PREPARATION AND SAFETY INFORMATION

ECS Tuning cares about your health and safety, please read the following safety information. This information pertains to automotive service in general, and while it may not pertain to every job you do, please remember and share these important safety tips.

- Park your car in a safe, well lit, level area.
- Shut the engine off and remove the key from the ignition switch.
- Make sure any remote start devices are properly disabled.
- **ALWAYS** wear safety glasses.
- Make sure the parking brake is applied until the vehicle is safely lifted and supported.
- Whether lifting a vehicle using an automotive lift or a hydraulic jack, be sure and utilize the factory specified lift points.
- Lifting a vehicle in an incorrect location can cause damage to the suspension/running gear.
- **ALWAYS** support the vehicle with jack stands.
- **ALWAYS** read and follow all safety information and warnings for the equipment you are using.

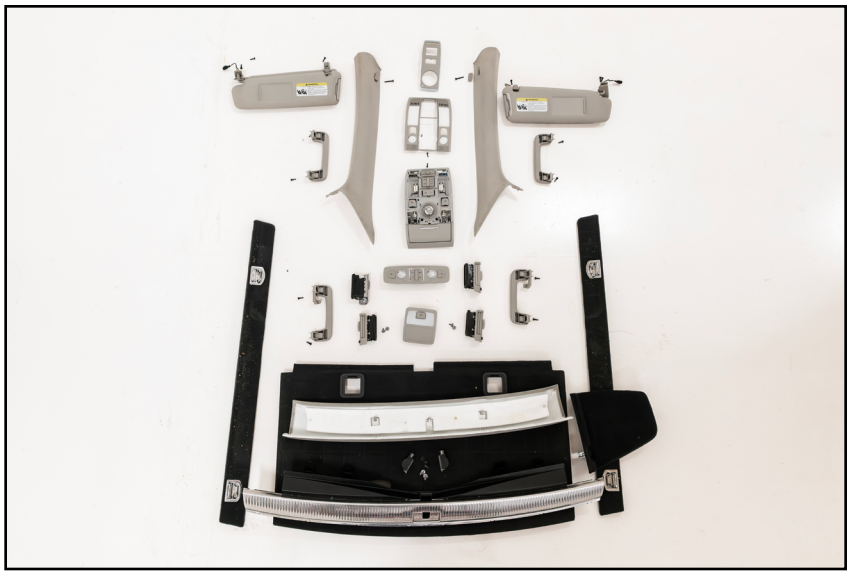


NEVER get underneath a vehicle that is supported only by a jack, and ALWAYS make sure that the vehicle is securely supported on jack stands.

REMOVING THE STOCK ROOF RAILS

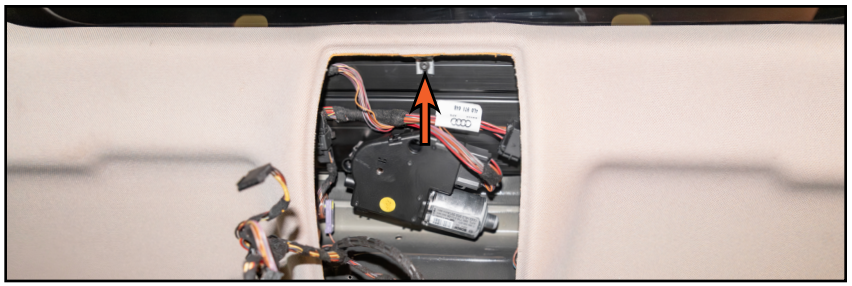
Step 1: Trim Removal Tool, T20, T25 Torx Socket & Ratchet

Remove the overhead console, rear view mirror, sun visors, grab handles, rear pillar vents, rear roof panel, trunk floor panels, trunk side panels, A pillars, B pillars, C pillars, and D pillars as shown.



Step 2: T20, T25 Torx Socket & Ratchet

Remove the screws (arrows) that secure the headliner to the overhead console area at the front, and to the roof at the rear. Carefully pull down to free the headliner clips from the perimeter of the sunroof (if equipped) and carefully lower the headliner.





REMOVING THE STOCK ROOF RAILS

Step 3: 10mm Socket & Ratchet

Locate and remove the ten nuts (arrows) that secure the roof rails to the vehicle.



Step 4:

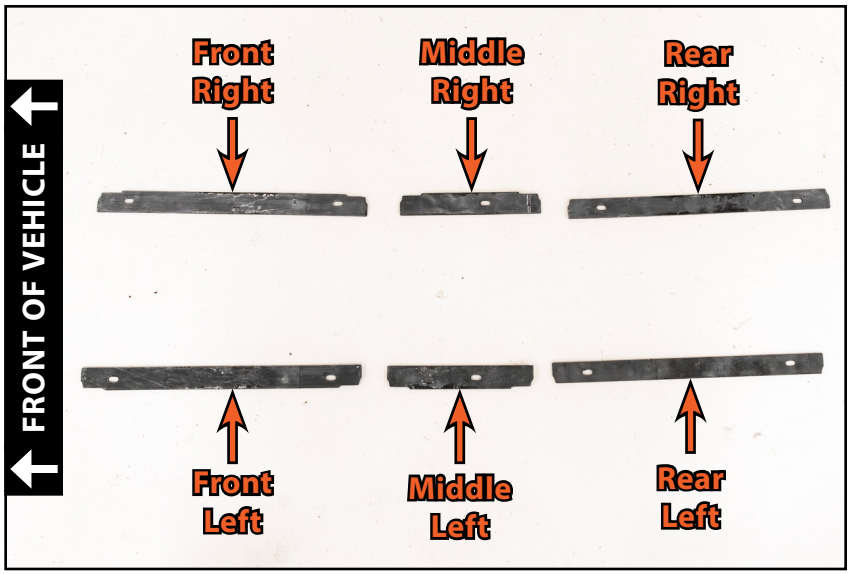
Lift up on the roof rails and remove them from the vehicle then remove the gaskets and clean the area.



INSTALLING THE NEW ROOF RACK

Step 1:

Lay out the new rubber gaskets and identify where each gasket goes using the photo on the right.



Step 2:

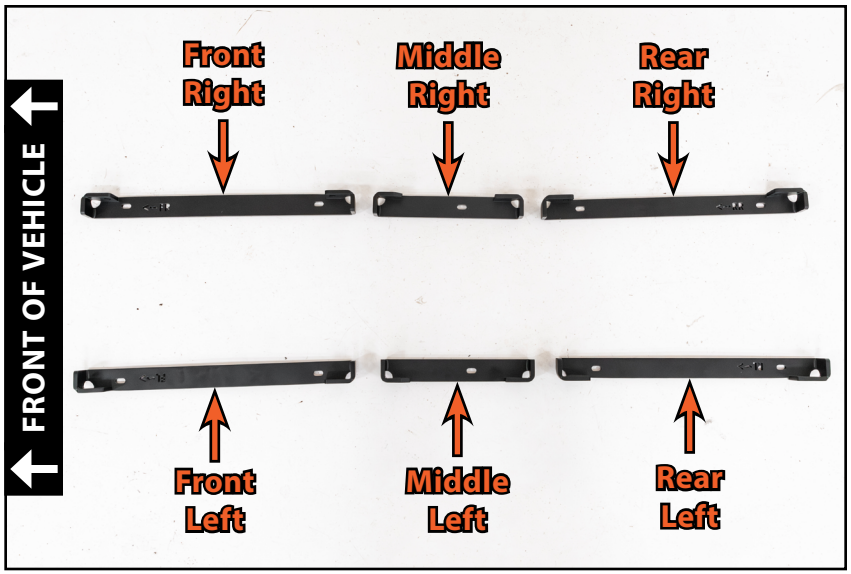
Install the rubber gaskets onto the roof in the corresponding locations on the vehicle as shown.



INSTALLING THE NEW ROOF RACK

Step 3:

Lay out the roof rack brackets and identify where each bracket goes using the photo on the right.

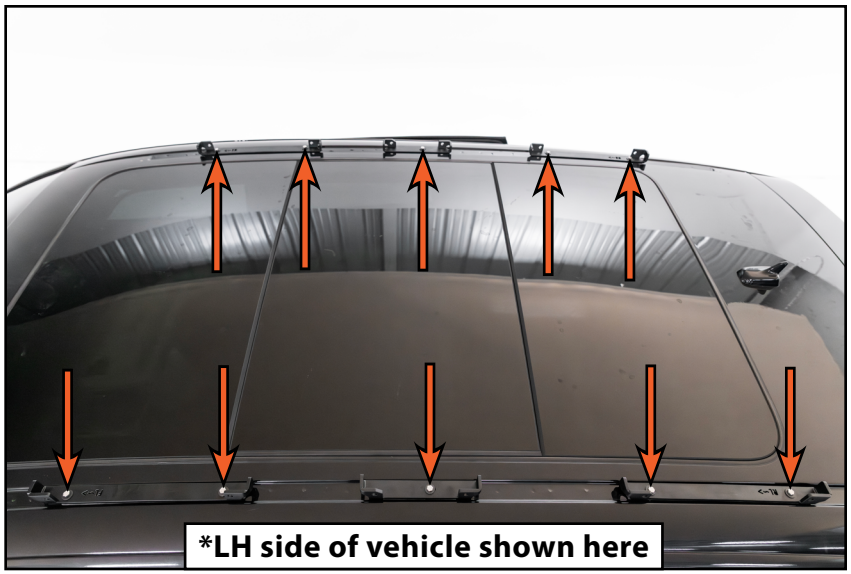


Step 4: 10mm Wrench, 10mm Socket & Ratchet

Install the roof rack brackets in the orientation shown using the provided M6 x 30mm bolts (arrows in inset photos) and washers. Secure the brackets to the vehicle from the inside using the provided M6 nuts and washers, leaving them loose enough to allow for adjustment.

TECH TIP

You will need a second set of hands to counterhold each bolt while you tighten the nuts.



INSTALLING THE NEW ROOF RACK

Step 5: 13mm Wrench, 5mm Hex (Allen) Socket & Ratchet

Assemble each side panel as shown, securing the logo plates (highlighted in **GREEN**) to the side panels using the provided M8 screws and nuts, leaving them loose enough to allow for adjustment.

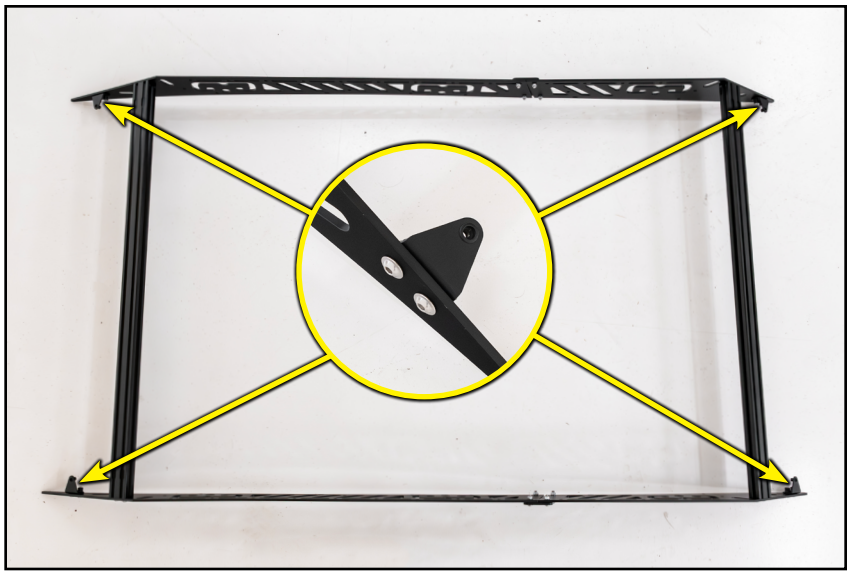


Step 6: 5mm Hex (Allen) Socket & Ratchet

Install two of the slotted cross bars into the second lowermost set of holes at each end of the side panels and secure them in place with the provided M8 screws. Install the fairing brackets (inset photo) into the lowermost set of holes at each end of the side panels, facing inward and secure them in place with the provided M8 screws.

The fairing brackets are side-specific and must be installed in the proper locations. The front brackets are clearly marked with an "F" and the rear with an "R".

Apply a drop of the provided blue threadlocker to the threads of each bolt for the roof rack to ensure they do not back out over time.

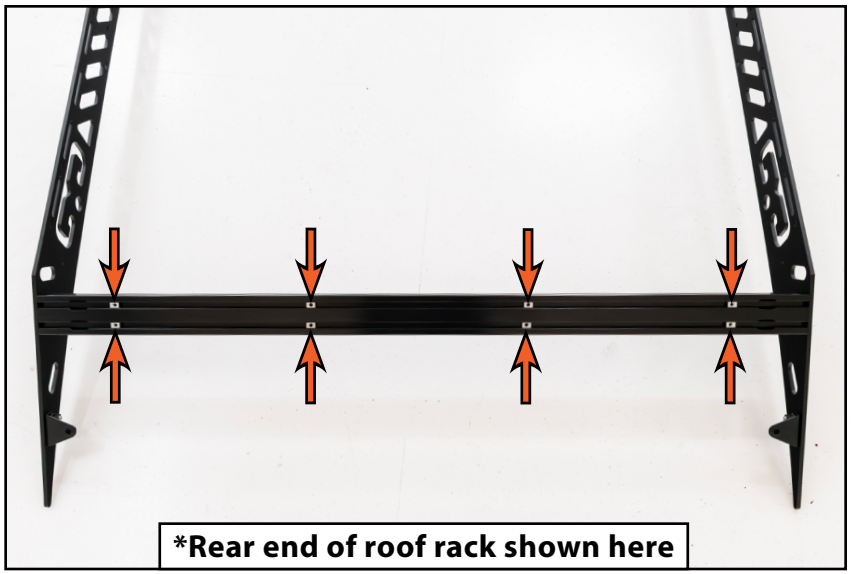


INSTALLING THE NEW ROOF RACK

Step 7:

Slide 8 of the T-slot nuts (arrows) into the openings in each of the cross bars then slide them into the approximate positions shown.

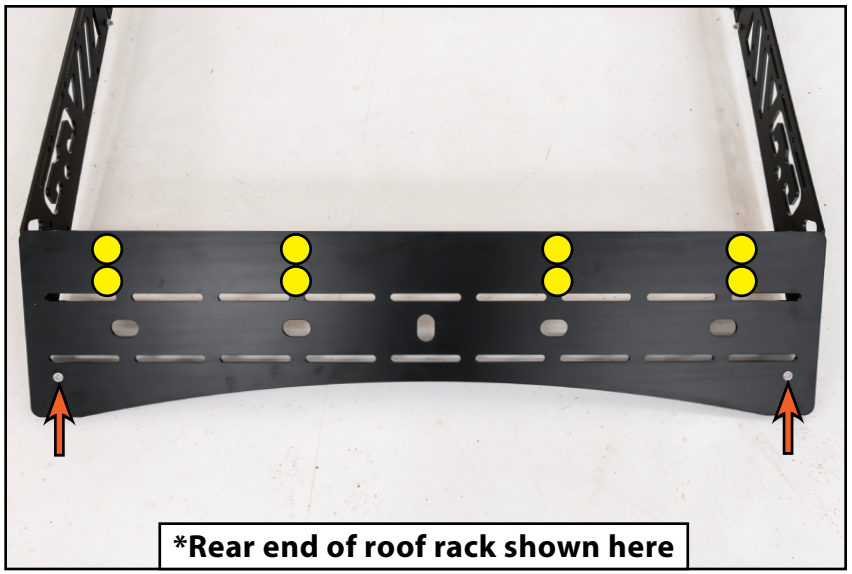
Install the nuts with the flat side facing out.



*Rear end of roof rack shown here

Step 8: 4mm Hex (Allen) Socket & Ratchet

Lay the rear fairing into place, then slide it side to side until you can loosely thread the provided M6 x 10mm screws (YELLOW circles) into the nuts. Secure the fairing to the brackets with two of the provided M6 x 18mm screws (arrows), then fully tighten all of the screws.

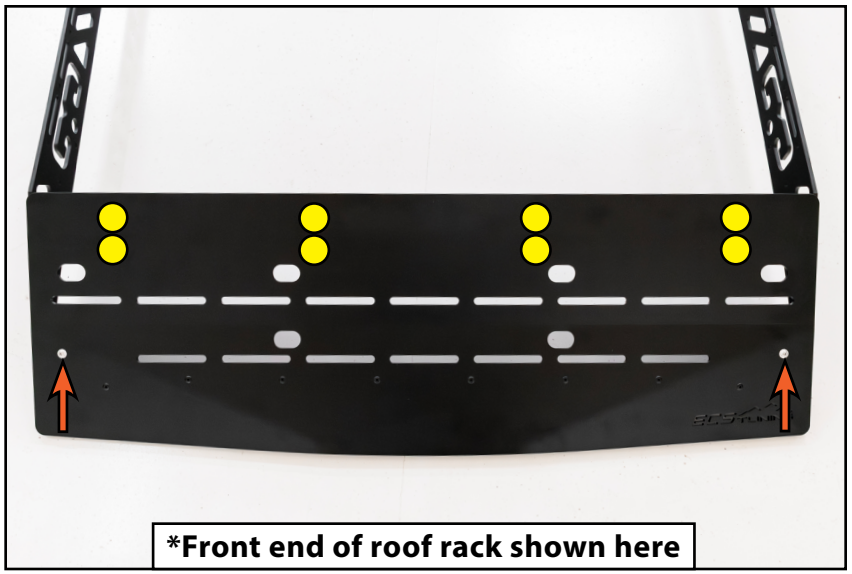


*Rear end of roof rack shown here

INSTALLING THE NEW ROOF RACK

Step 9: 5mm Hex (Allen) Socket & Ratchet

Lay the front fairing into place, then slide it side to side until you can loosely thread the remaining M6 x 10mm screws (**YELLOW** circles) into the nuts. Secure the fairing to the brackets with the two remaining M6 x 18mm screws (arrows), then fully tighten all of the screws.



***Front end of roof rack shown here**

Step 10: 5mm Hex (Allen) Socket & Ratchet

Install the remaining cross bars into your desired locations and secure them in place with the provided M8 screws.



INSTALLING THE NEW ROOF RACK

Step 11: 13mm Wrench, 5mm Hex (Allen) Socket & Ratchet

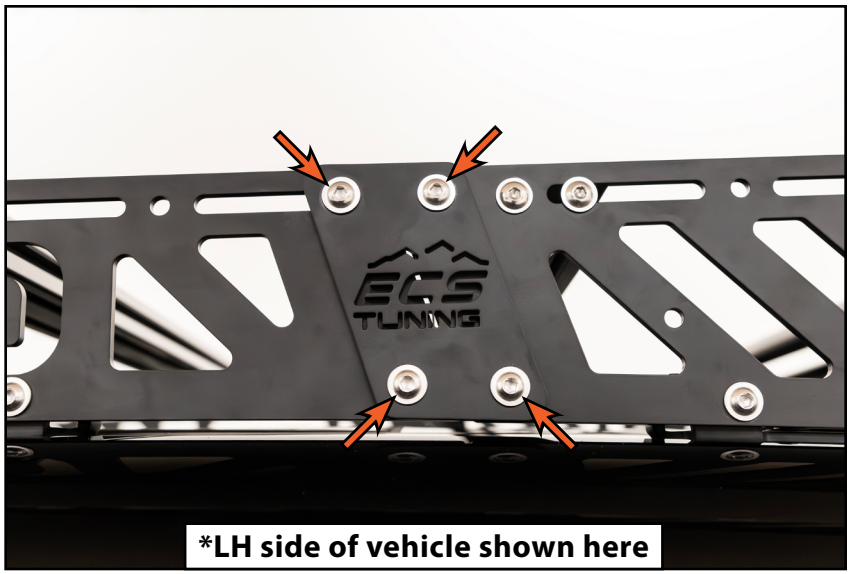
With the help of a second (or third) set of hands, carefully lift the assembled roof rack up into place and secure it to the brackets with remaining M8 screws (arrows) and nuts, leaving them loose enough to allow for adjustment. Go back and fully tighten the nuts that secure the brackets to the roof.



Step 12: 13mm Wrench, 5mm Hex (Allen) Socket & Ratchet

Adjust the roof rack to ensure proper clearance between the fairings and the roof, then fully tighten the logo plate hardware (arrows), and the hardware that secures the roof rack to the brackets.

Reinstall the headliner in reverse order of removal.



Congratulations, your installation is complete!

Your Roof Rack installation is complete!



These instructions are provided as a courtesy by ECS Tuning

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