



VW Atlas 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

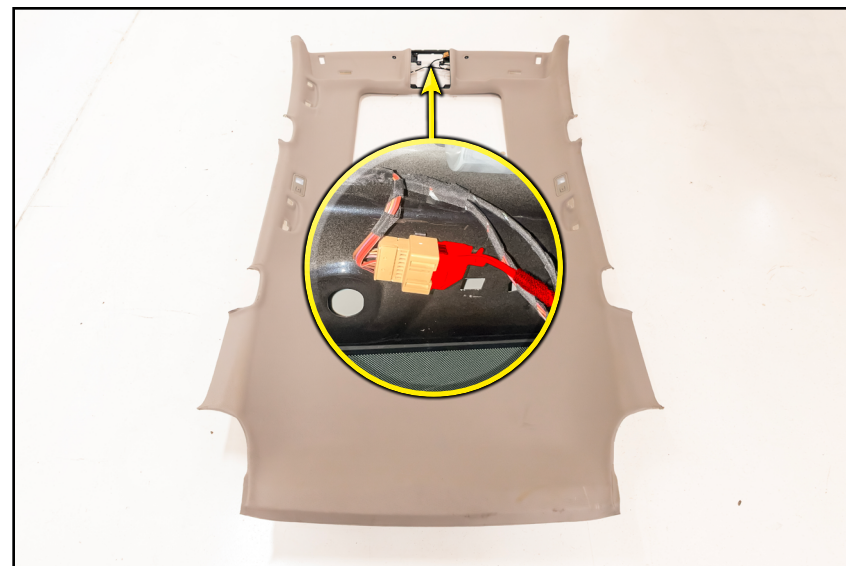
Step 1: Trim Removal Tool, T20 Torx Socket & Ratchet

Remove the overhead console, sun visors, grab handles, and A pillars as shown. Disconnect the B pillars, C pillars, and D pillars from the vehicle and move them out of the way.



Step 2: Trim Removal Tool

Disconnect the four clips 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 slightly. Disconnect the connector (highlighted in **RED** in inset photo) and guide the headliner out through the trunk.



REMOVING THE STOCK ROOF RAILS

Step 3: 10mm Socket & Ratchet

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



Step 4:

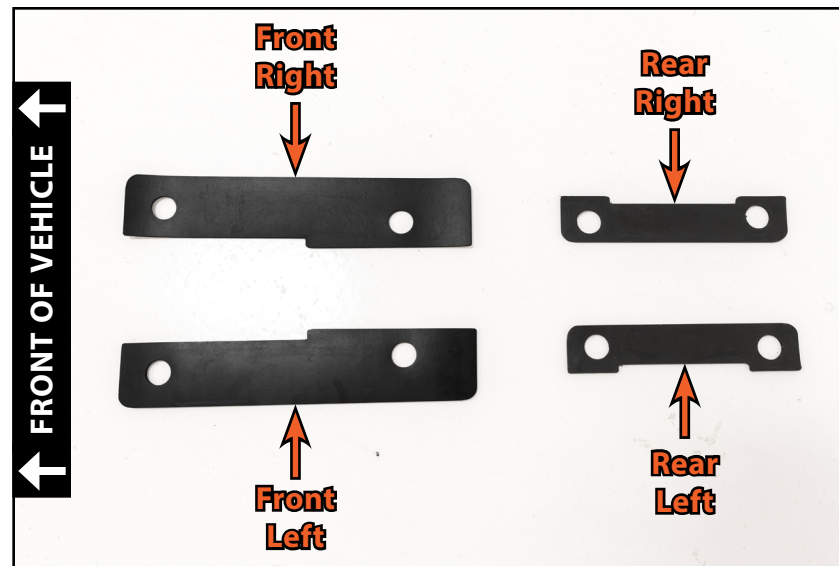
Lift up on the roof rails and remove them from the vehicle and clean the area.



INSTALLING THE NEW ROOF RACK

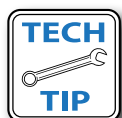
Step 1:

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

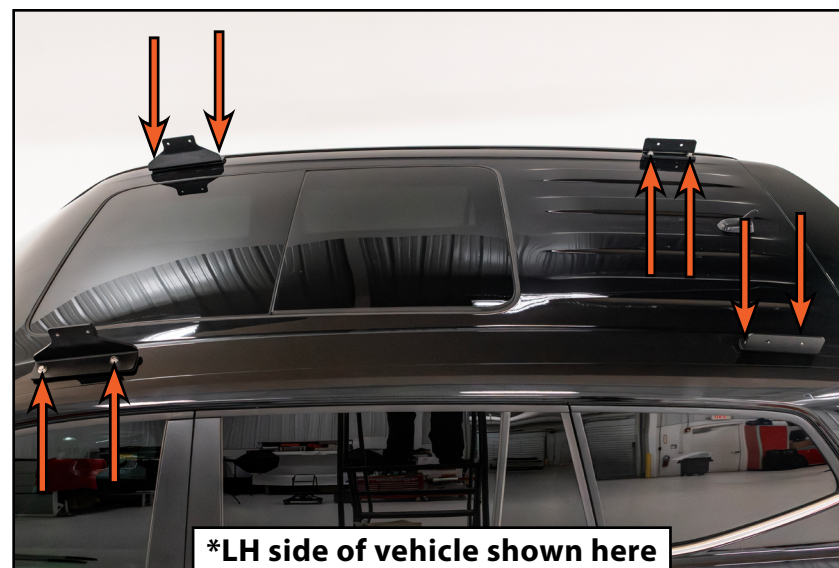


Step 2: 10mm Wrench, 10mm Socket & Ratchet

Install the rubber gaskets onto the roof in the corresponding locations on the vehicle, then 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.



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



INSTALLING THE NEW ROOF RACK

Step 3: 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.



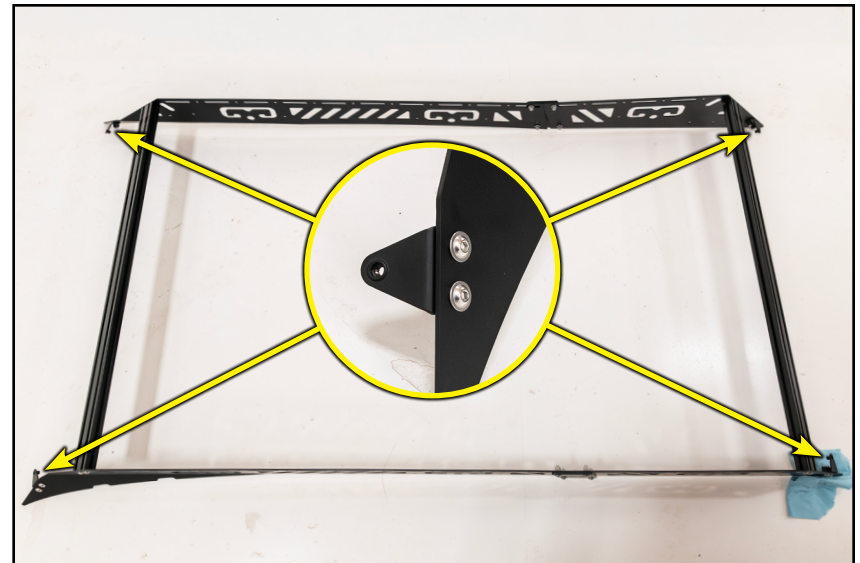
Step 4: 5mm Hex (Allen) Socket & Ratchet

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

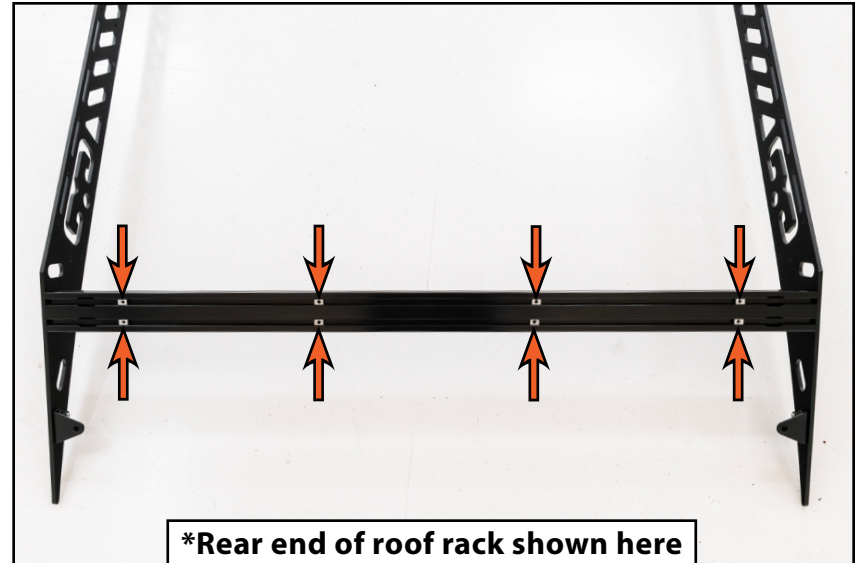
Step 5:

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.



NOTE

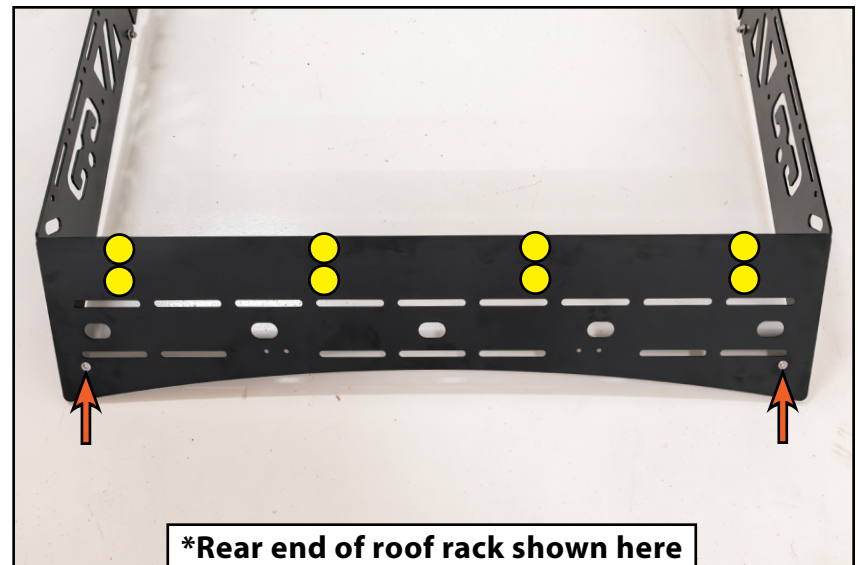
Install the nuts with the flat side facing out.



Step 6:

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.



INSTALLING THE NEW ROOF RACK

Step 7: 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.



Step 8: 5mm Hex (Allen) Socket & Ratchet

Install the braces between the lower logo plate screws and the rear fairing, securing them in place with the provided M8 screws (**YELLOW** circles) and the M8 nuts (arrows).



INSTALLING THE NEW ROOF RACK

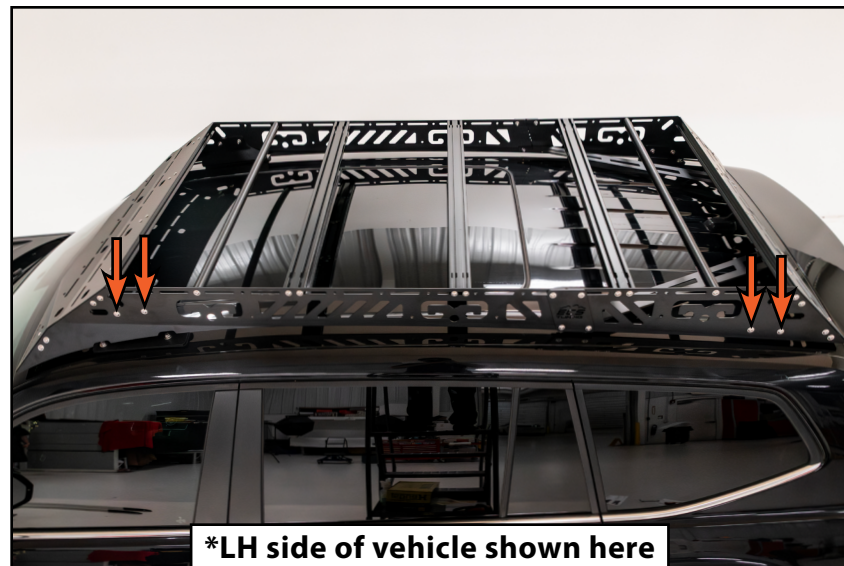
Step 9: 5mm Hex (Allen) Socket & Ratchet

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



Step 10: 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.

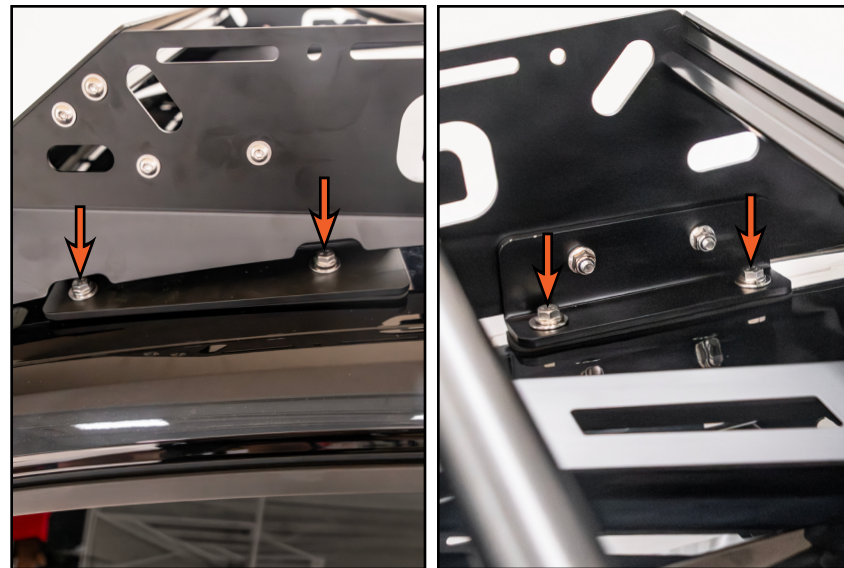


***LH side of vehicle shown here**

INSTALLING THE NEW ROOF RACK

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

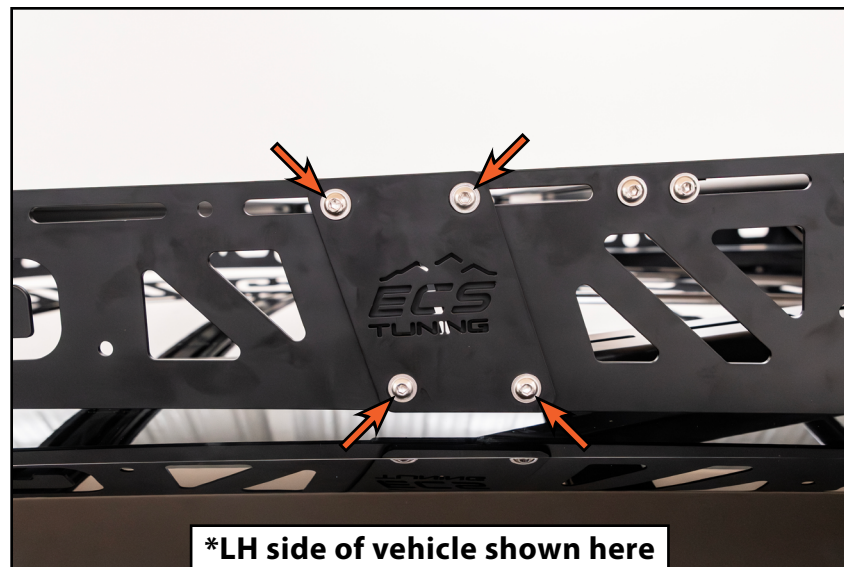
Go back and fully tighten the bolts (arrows) that secure the brackets to the roof.



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.



*LH side of vehicle shown here

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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