Bite Point Performance

Subaru Roof Rack Installation Guide

Document No.: BPP-INS-001
Revision: Rev A
Estimated Installation Time: 1.5–3 hours
Skill Level: Advanced

Thank You

Thank you for purchasing your Bite Point Performance Roof Rack System. Read these instructions completely before installation. Improper installation may result in vehicle damage, loss of cargo, or personal injury.

Vehicle Compatibility

Designed for compatible Subaru models listed on the product page. Verify compatibility before installation.

Included Components

- (2) Powder-coated mounting brackets
- (2) Aluminum crossbars
- (4) 90° aluminum brackets
- 16 M6 Button Head Bolts
- 8 M6 Acorn Nuts
- 8 M6 T-nuts
- End caps
- 4 M6 Countersink Bolts
- Allen wrench
- Butyl Sealant

Required Tools

- Socket set
- Ratchet
- Torque wrench
- Trim removal tools
- Electric drill
- 1/4 in drill bit
- Marker
- Measuring tape
- Phillips Screwdriver

Before You Begin

- Park on level ground.
- Protect painted surfaces.
- Organize removed fasteners and trim clips.

Installation Procedure

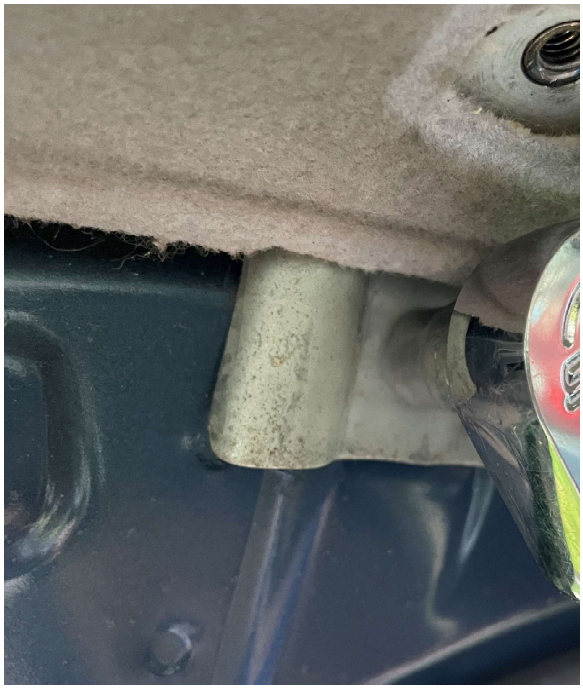
Step 1 – Remove Interior Trim

Remove interior trim to access underside of roof.



Step 2 – Remove Grab Handles and Grab Handle Support Brackets







Step 3 – Remove Rain Channel Trim

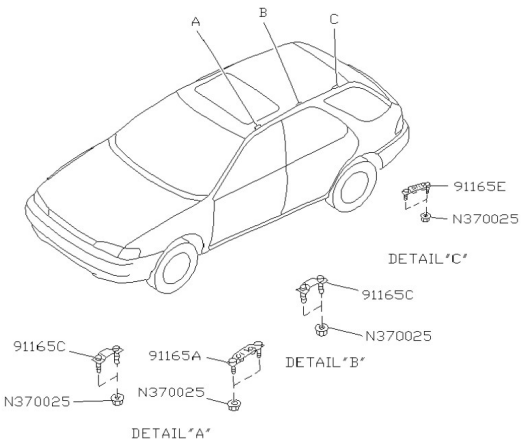
Carefully remove rain channel trim. Plastic clips may break with age; remove with care. Replacement clips are available from Subaru parts dealers and aftermarket suppliers.

Subaru OEM P/N **91017FA020, 91017FA010**



Step 4 – Prepare Mounting Locations

If reusing factory holes, remove OEM anchor brackets: pull back roof liner and expose retention nuts from existing roof bracket and retain both brackets and nuts.



If drilling new holes, use the roof rack brackets as a template and drill 1/4 in holes. Be sure to find a common reference point for each roof channel and use that reference when measuring for each side while placing your custom hole placement.

Step 5 – Clean Channel

Use a mild cleaner and rag to remove dirt and grease around mounting holes.

Step 6 – Install Mounting Brackets

Insert factory brackets or supplied bolts through roof rack uprights.

Apply a donut of butyl around every bolt or stud.



Lower into roof channel carefully without disturbing the sealant.

Step 7 – Tighten Hardware

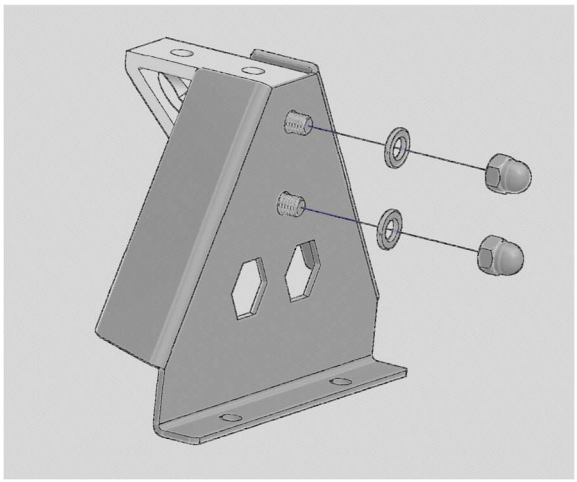
Install M6 nuts and tighten evenly.
Torque: 5 ft-lb.

Step 8 – Reinstall Trim

Reinstall rain channel trim and interior trim.

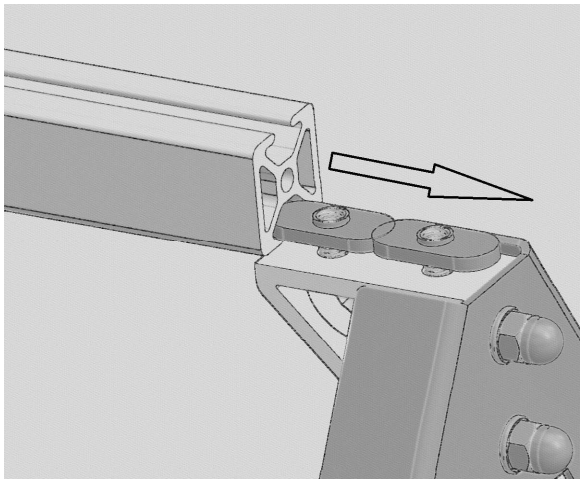
Step 9 – Install Crossbar Brackets

Using the 6mm x 12mm button head bolts, washers, and 6mm cap nuts, attach the 90° aluminum brackets to powder-coated uprights.



Step 10 – Install Crossbars

Insert bolts through brackets, partially thread T-nuts, slide crossbars on, and center equal overhang.

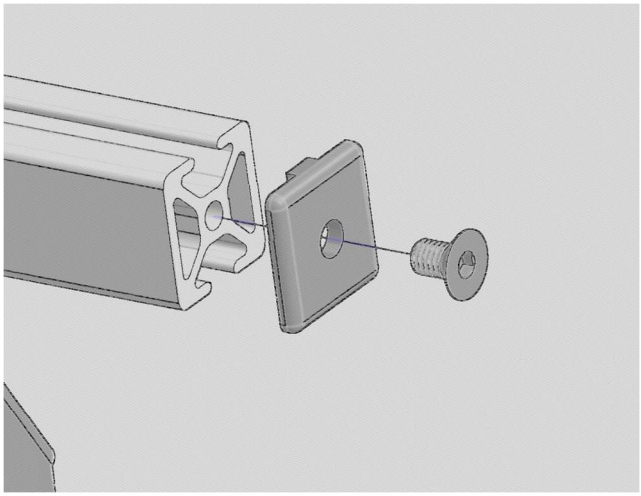


Step 11 – Tighten Crossbars

Tighten Button Head Bolts into Crossbars. Torque: 5 ft-lb.

Step 12 – Install End Caps

Install end caps and secure with retention bolts.



Final Inspection

- Verify all hardware is tightened.
- Confirm crossbars are centered.
- Inspect for water leaks after first rain/car wash.
- Retorque hardware after first 50 miles (80 km).

Maintenance

- Inspect hardware periodically.
- Clean with mild soap and water.
- Replace damaged components immediately.

Safety Information

- Never exceed the vehicle manufacturer's roof load rating.
- Distribute cargo evenly.
- Secure all loads properly.
- Inspect rack before every trip.