

Ford 21 Bronco Freedom Top Roof Rack

Thank you for choosing Rough Country for all your vehicle needs.

Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.

If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product.

Check all fasteners for proper torque. Check to ensure for adequate clearance between all components.

Check and retighten wheels at 50 miles and again at 500 miles. Periodically check all hardware for tightness.

KIT CONTENTS:

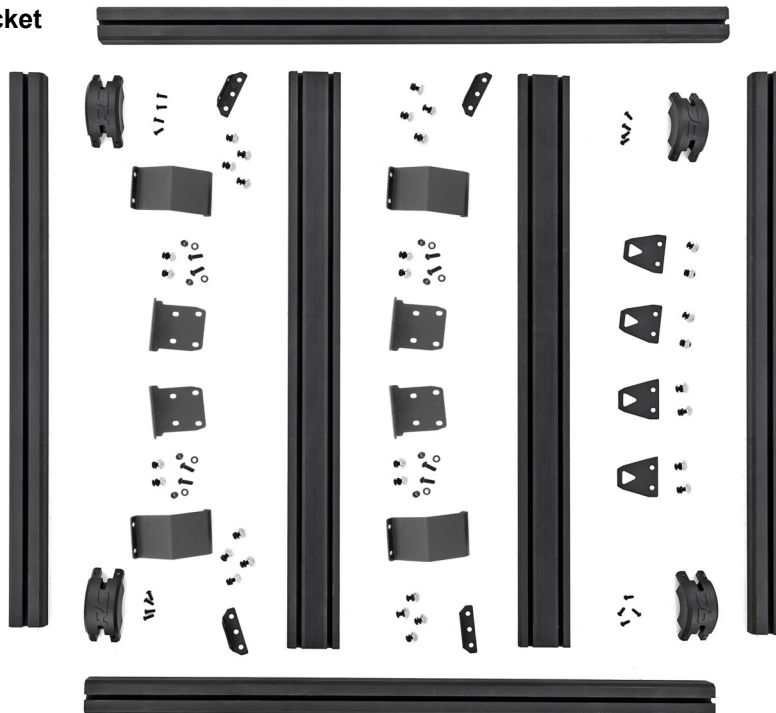
- 2- 30" Rails
- 2- 40" Rails
- 2- Cross Rails
- 4- End Caps
- 2- Front Outer Bracket
- 2- Front Inner Bracket
- 2- Rear Outer Bracket
- 2- Rear Outer Bracket
- 4- Cross Rail Bracket
- 4- Tie Down Bracket

TOOLS NEEDED:

- 5mm Allen Wrench
- 13mm Socket or Wrench

HARDWARE INCLUDED:

- 16- M6 x 15mm Button Head
- 32- 8mm T-slot Nut
- 32- M8 x 16mm Button Head
- 32- 8mm Lock Washer
- 8- 8mm Flat Washer
- 8- 8mm x 20mm Button Head
- 8- 8mm Flange Nut
- 4- Outer Foam
- 4- Inner Foam



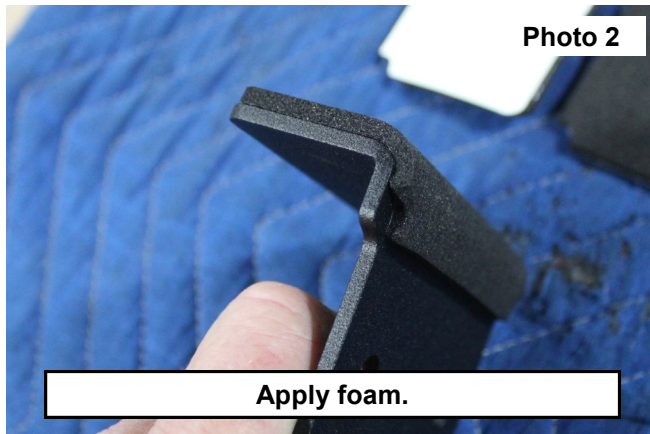
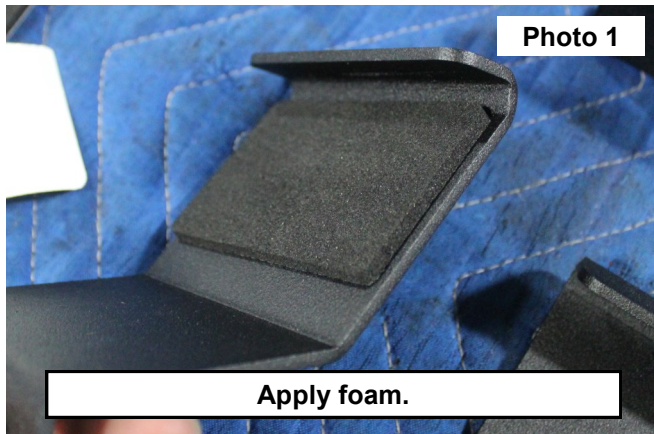
Torque Specs:

Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16"	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8"	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16"	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2"	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16"	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8"	135ft/lbs	175ft/lbs	16MM	130ft/lbs	165ft/lbs
3/4"	185ft/lbs	280ft/lbs	18MM	170ft/lbs	240ft/lbs

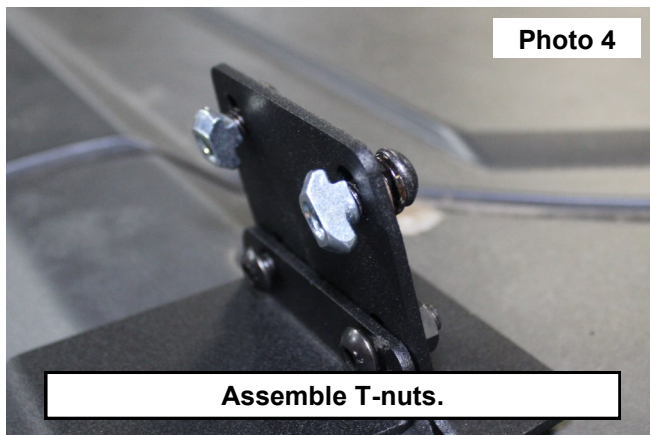
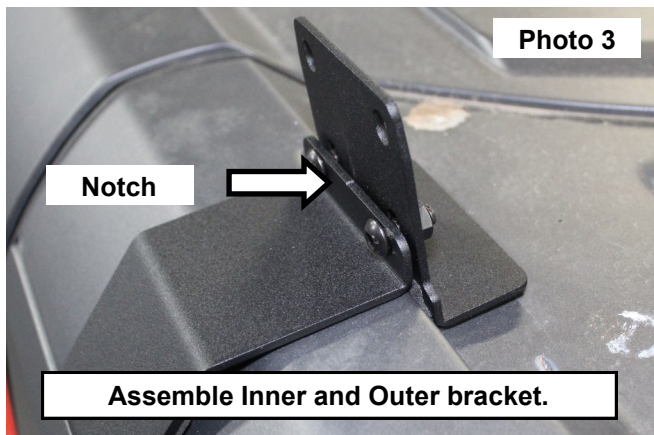


INSTALLATION INSTRUCTONS

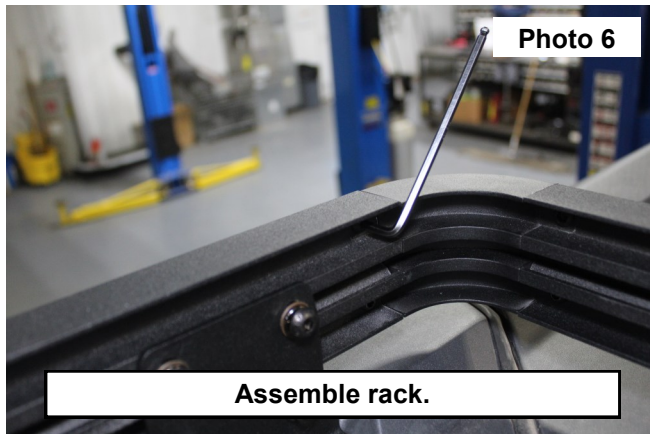
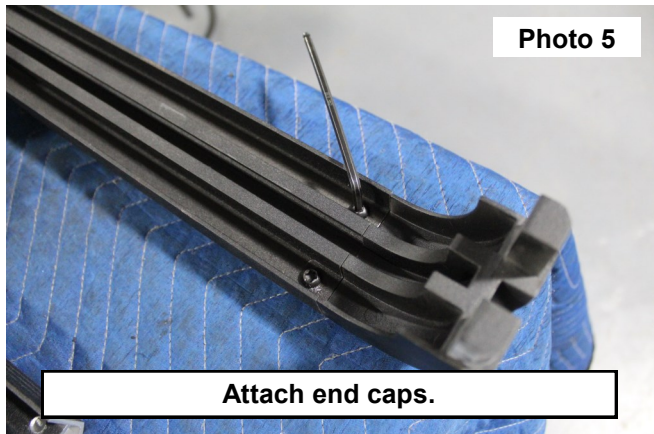
1. Apply foam to outer brackets. See Photo 1.
2. Apply foam to inner brackets. See Photo 2.



3. Attach the inner and outer brackets using 5mm allen. Do not tighten at this time. See Photo 3. **Note: Pair up inner and outer brackets with notches. One notch on front brackets, Two notches on rear brackets.**
4. Place 8mm button heads and T-nuts on all brackets. See Photo 4.

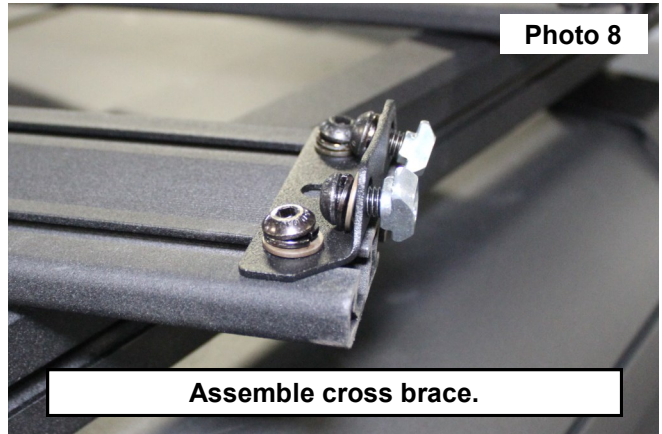
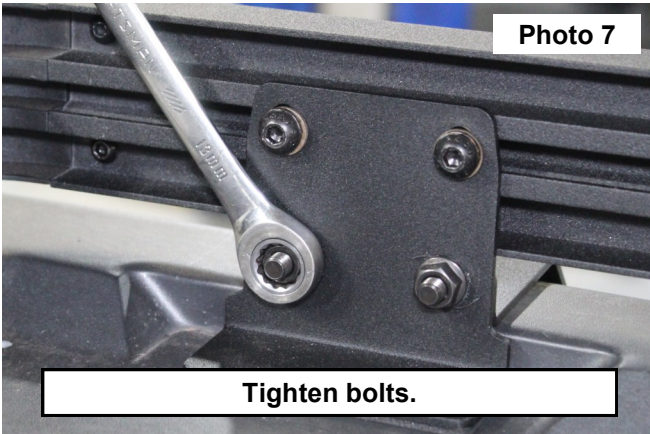


5. Using 5mm allen wrench, attach end caps to side rails. See Photo 5.
6. Assemble rails and place T-nuts in slots. See Photo 6.

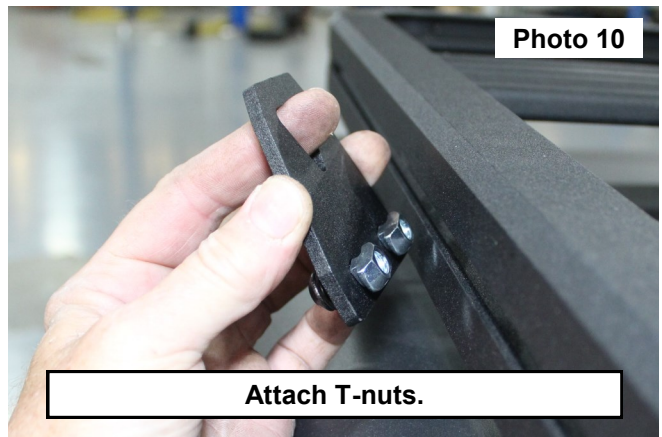
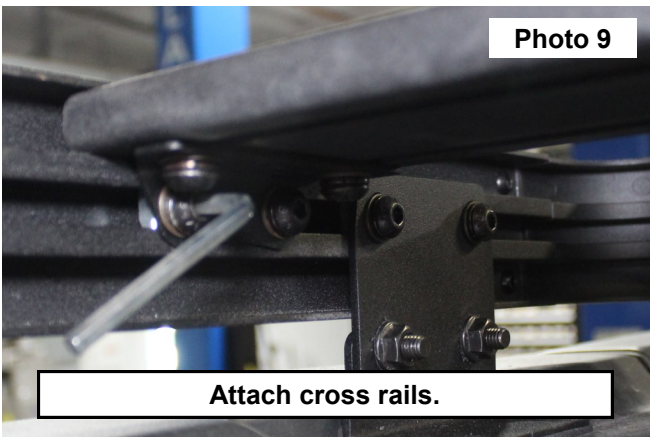


INSTALLATION INSTRUCTIONS

- Using 5mm allen wrench and 13mm wrench, tighten all bolts on rack at this time. See Photo 7.
- Attach T-nuts to cross brace bracket, then attach to cross brace. See Photo 8.



- Install cross brace into side rails and tighten using 5mm allen wrench. See Photo 9.
- Attach 8mm button head and T-nuts to tie down brackets. See Photo 10.



- Using 5mm allen wrench tighten bolts. See Photo 11



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