TRAIL FORTRESS

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Rough Country 93148 Installation Instructions

Front Cargo Rack with LED Light Bar for Polaris Ranger (2013–2017)

Part number: 93148

trailfortress.com/rough-country-front-cargo-rack-93148

Scan for fitment, price and install help



POLARIS 2014-20 Ranger Front 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.
Periodically check all hardware for tightness.

KIT CONTENTS:
Front Rack x1
Dr Side Bracket x1
Pass Side Bracket x1
Front Bracket x1

TOOLS NEEDED:
4mm Allen Wrench
5mm Allen Wrench
8mm Allen Wrench
13mm Socket/Wrench
16mm Socket/Wrench
Nutsert Tool

HARDWARE INCLUDED:
10mm x 60mm Hex Bolts x4
10mm Flat Washers x4
8mm x 40mm Button Head Bolts x2
8mm x 25mm Button Head Bolts x4
8mm Flat Washers x8
8mm Nylon Washers x2
8mm Lock Nuts x6
6mm x 20mm Button Head Bolts x2
6mm Flat Washers x2
6mm Nutserts x2
Sleeves x4

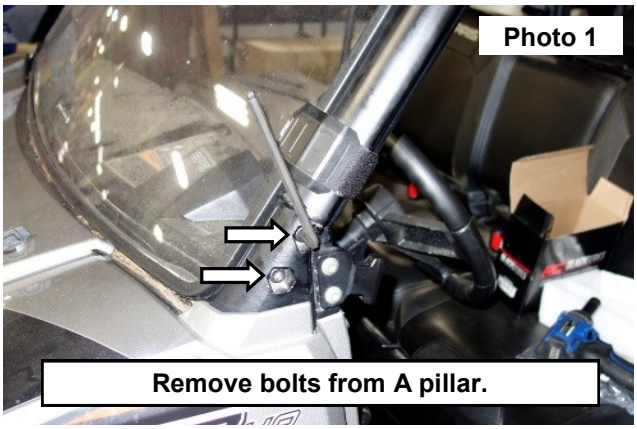


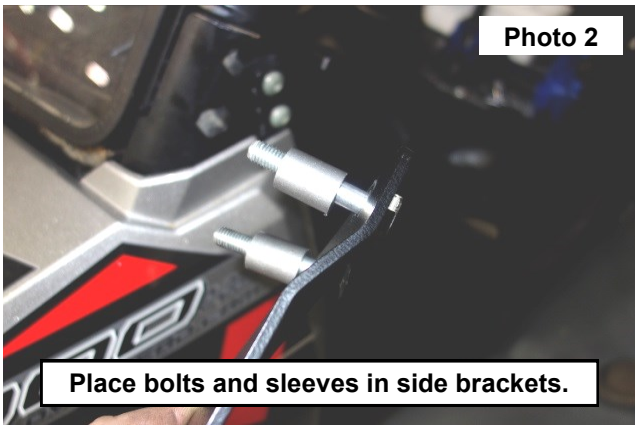
Torque Specs:

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

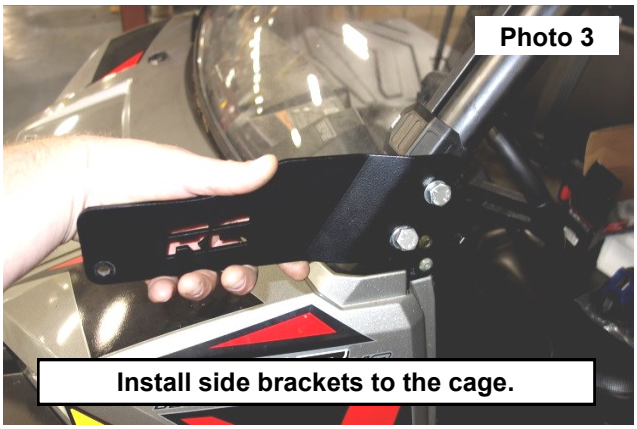
INSTALLATION INSTRUCTIONS

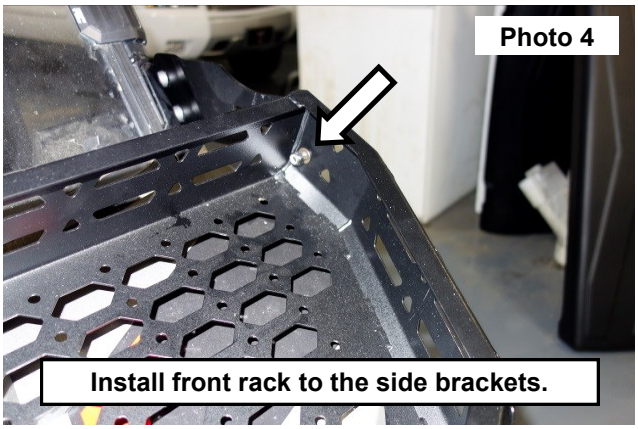
1. Remove the 2 bolts from the A pillar in the cage using a 8mm Allen wrench. **See Photo 1**.
2. Place the supplied 10mm x 60mm bolts, flat washers, and sleeves in the Dr and Pass side brackets. **See Photo 2**.





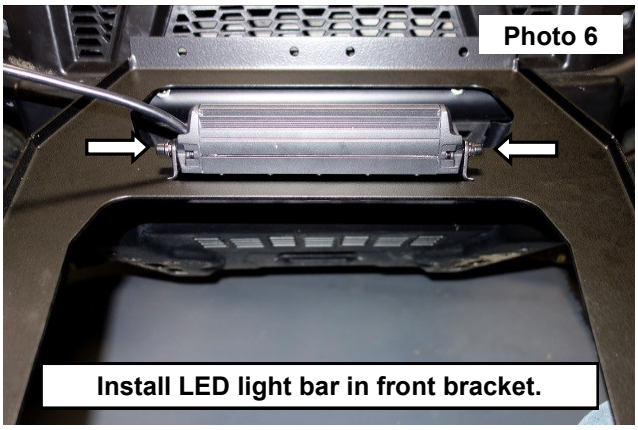
3. Install the side bracket to the cage using a 16mm socket/wrench. **See Photo 3**.
4. Install the front rack to the side brackets using the supplied 8mm x 40mm button head bolts, nuts, and washers. **NOTE: Install the nylon washers between the side bracket and front rack. See Photo 4** and **Photo 5**.





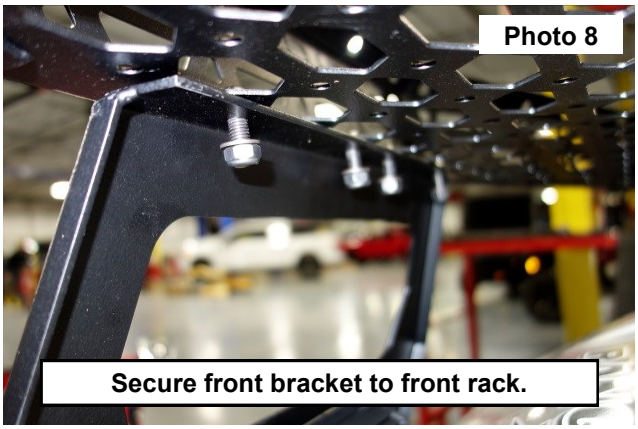
5. Install the LED light bar to the front bracket using the hardware supplied with the light. **See Photo 6**.





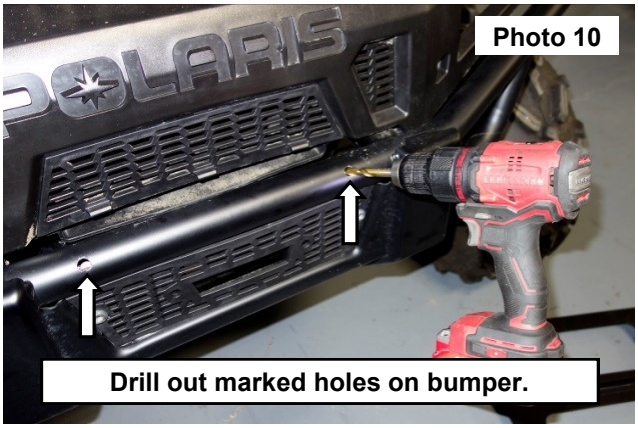
6. Set the front bracket on the bumper to support the front rack. **See Photo 7**.
7. Install the supplied 8mm x 25mm button head bolts, nuts, and washers to secure the front bracket to the front rack using a 13mm socket/wrench and a 5mm Allen wrench. **See Photo 8**.



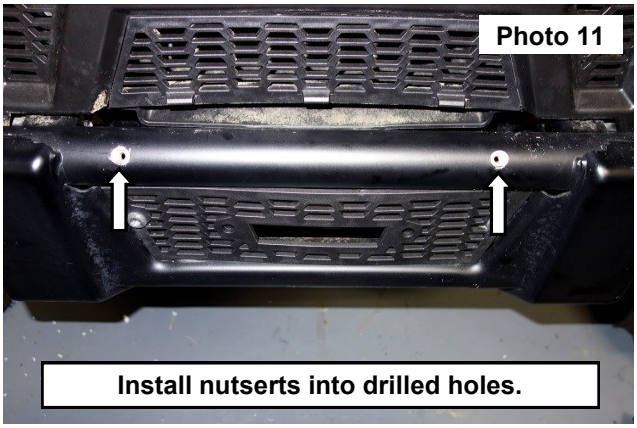


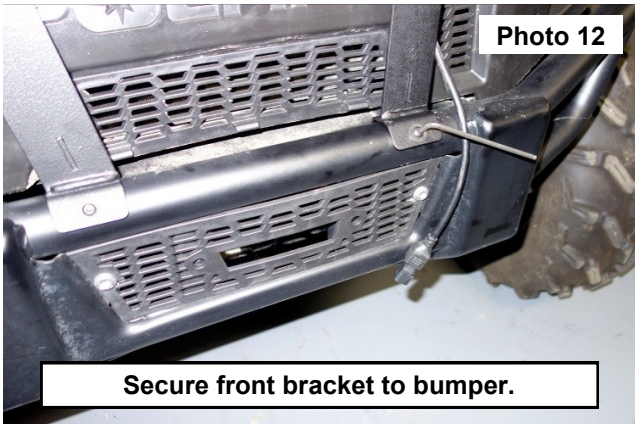
8. Mark through the holes in the front bracket with a paint pen. **See Photo 9**.
9. Lift up the front bracket and drill out the marked holes on the bumper using a 25/64" drill bit. **See Photo 10**.





10. Install the supplied 6mm nutserts in the drilled holes using a nutsert tool. **See Photo 11**.
11. Secure the front bracket to the bumper with the supplied 6mm bolts and washers using a 4mm Allen wrench. **See Photo 12**.





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