TRAIL FORTRESS

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Rough Country 93044 Installation Instructions

Front Bumper Wings with LED Light Bars for Polaris Ranger

Part number: 93044

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Scan for fitment, price and install help

ROUGH COUNTRY SUSPENSION SYSTEMS®

93043BAG

Polaris Ranger Bolt On Wing w/ Light Bar Mount

Thank you for choosing Rough Country for all of your suspension needs.

Rough Country recommends that a certified technician install this system. In addition to these instructions, professional knowledge of disassemble/reassembly procedures as well as post installation checks must be known. Attempts to install this system without this knowledge and expertise may jeopardize the integrity and/or operating safety of the vehicle. Please read all the instructions before beginning the installation. Check the kit hardware against the ''Kit Contents'' list below. 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. Be sure you have all the needed parts and understand where they go. Also, please review the "Tools Needed" list to be certain you have the necessary tools to complete the installation.

PRODUCT USE INFORMATION

⚠WARNING As a general rule, the taller a vehicle is the easier it will roll. We strongly recommend that seat belts and shoulder harnesses be worn at all times. Braking performance and capabilities are decreased when significantly larger/heavier tires and wheels are used. Do not add, alter, or fabricate any factory or after-market parts which increase vehicle height over the intended height of the Rough Country product purchased. Rough Country makes no claims regarding lifting devices and excludes any and all implied claims. We will not be responsible for any product that is altered.

NOTICE TO DEALER AND VEHICLE OWNER

⚠NOTICE Any vehicle equipped with any Rough country product must have the "Warning to Driver" decal installed on the sun visor or dash. The decal is to act as a constant reminder for whoever is operating the vehicle of its unique handling characteristics. INSTALLING DEALER—It is your responsibility to install the warning decal and to forward these installation instructions on too the vehicle owner for review and to be kept in the vehicle for its service life.



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Polaris Ranger Bolt On Wing w/ Light Bar Mount

TOOLS NEEDED:
Drill Motor
3/8” Drill Bit
Nutsert Rivet Tool

Metric Wrench/Socket
13mm
SAE Wrench/Socket
5/32” Allen Wrench

KIT CONTENTS:
Bolt On Wing (2)
Expandable Rubber Mount (2)

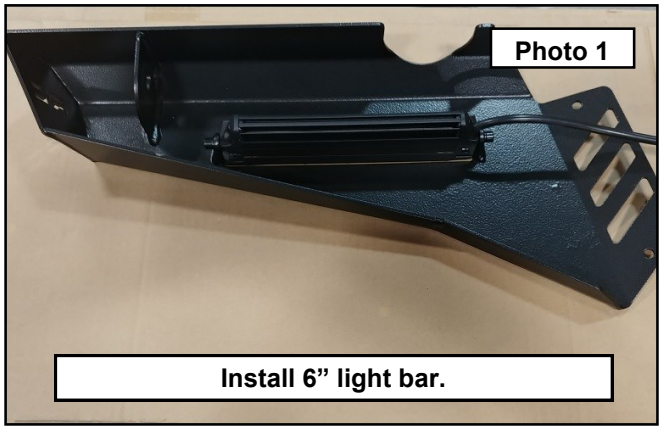
HARDWARE INCLUDED:
1/4” Allen Bolt (4)
1/4” Washer (4)
8mm Bolt (2)
8mm Washer (2)
1/4” Nutsert (4)

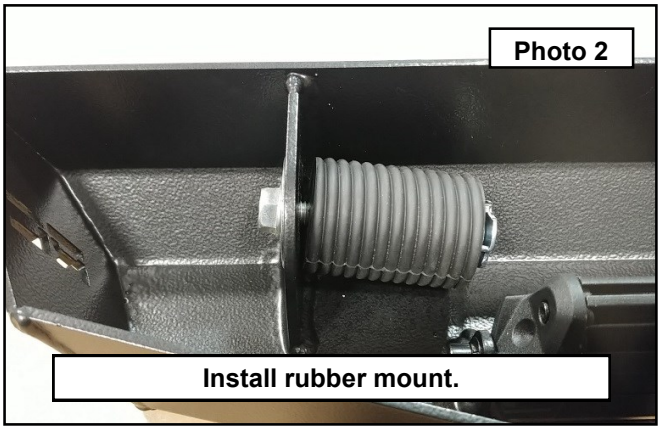


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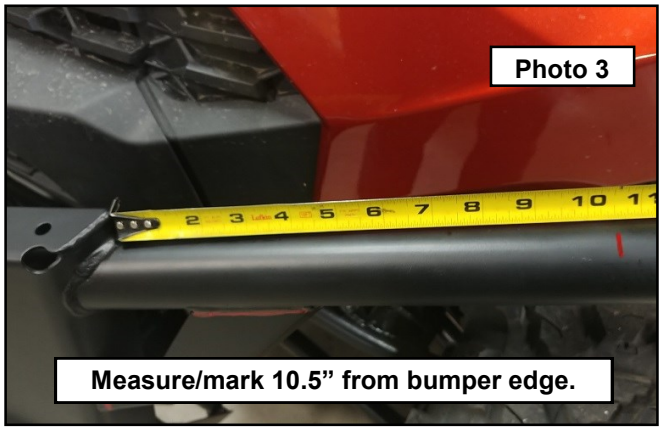
Installation Instructions

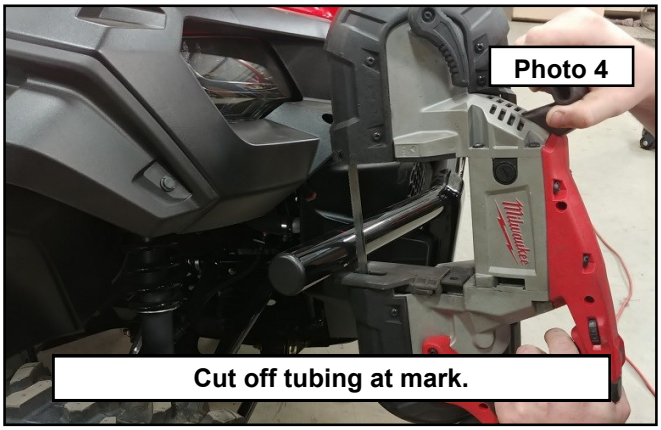
1. Install the 6” light bar using the provided hardware. **Photo 1**
2. Install the expandable rubber mount using the 8mm bolt and washer. DO NOT fully tighten at this time. **Photo 2**



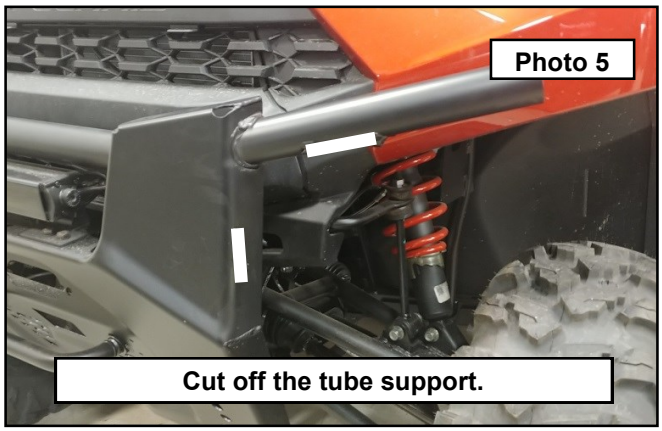


3. Measure 10.5” from the bumper edge and mark the factory tube bumper. **Photo 3**
4. Use a suitable cutting tool to cut off the end of the tube at the previously made mark. Sand off any burrs and paint all exposed metal with a quality rust preventative paint. **Photo 4**



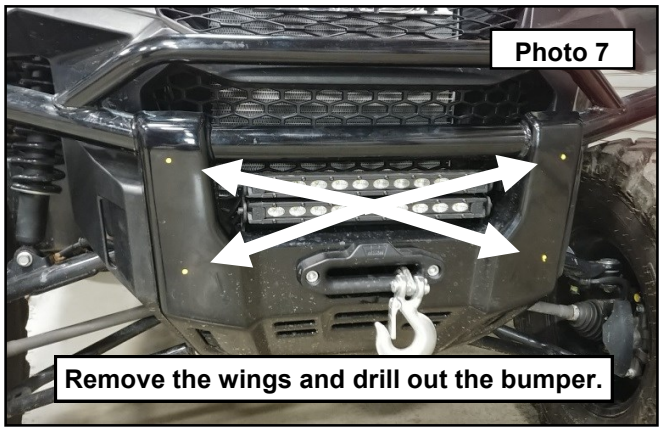


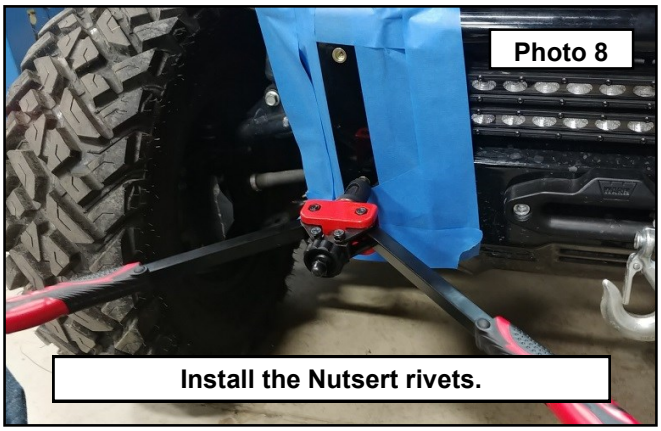
5. Use a suitable cutting tool to cut off the tube support where shown. Sand off any burrs and paint all exposed metal with a quality rust preventative paint. **Photo 5**
6. Install the wing with the expandable rubber mount into the tube. Mark the front of the bumper using the holes in the wing as a guide. **Photo 6**



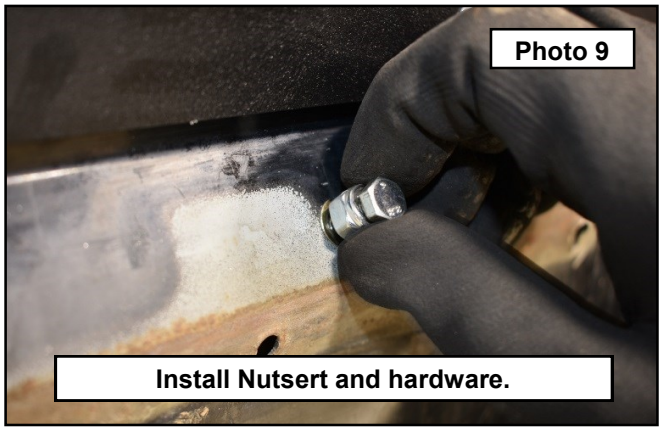


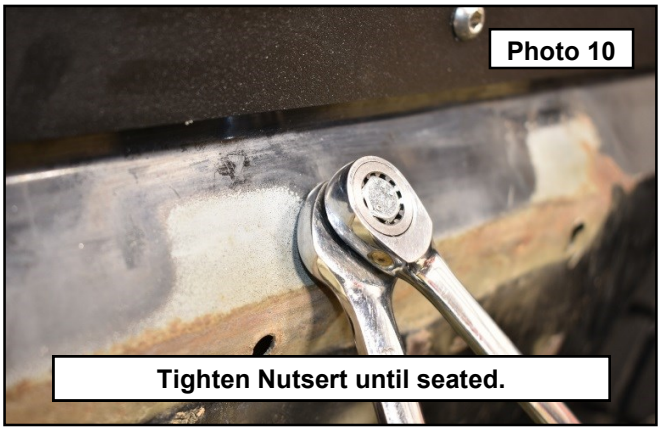
7. Remove the wings and drill out the previously made marks using a 3/8” drill bit. Take care to only drill through the front plate. Paint all exposed metal with a quality rust preventative paint. **Photo 7**
8. Install the 1/4” Nutsert's using a Nutsert rivet tool. **Photo 8**



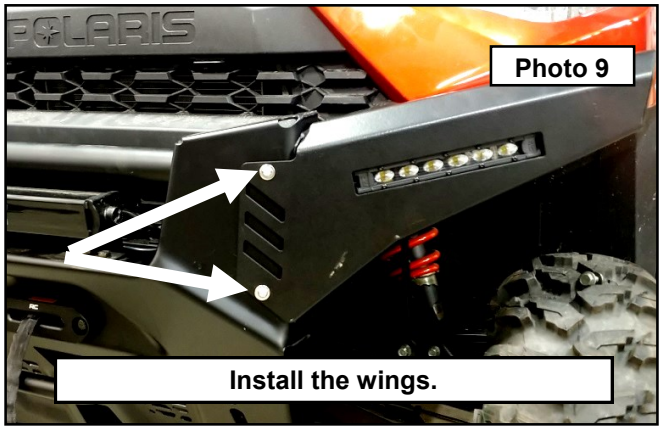


9. Option 2 if you do not have access to a Nutsert Rivet tool, install a Nutsert onto the provided 1/4” bolt with the 5/16” nut in between. **Photo 9**
10. Use a wrench to hold the 5/16” nut still while tightening the 1/4” bolt, making sure to keep the Nutsert firmly seated against the base metal. Tighten the 1/4” bolt until the Nutsert if fully seated. Repeat for all other holes. **Photo 10**





11. Install the wings using the provided 1/4” Allen bolts and washers. Torque to 5 ft/lbs. Tighten the rubber expandable mount bolt using a 13mm socket until the rubber has snugged up and prevents movement. **Photo 9**
12. Wire up the lights using the provided wire harness. **Photo 10**





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