TRAIL FORTRESS

BUILT FOR THE TRAIL. CHECKED FOR YOUR TRUCK.

Rough Country 93155 Installation Instructions

Forward Offset Aluminum Control Arms for Polaris Ranger XP 1000

Part number: 93155

trailfortress.com/forward-offset-aluminum-control-arms-polaris-ranger-xp-1000-rough-country-93155

Scan for fitment, price and install help

ROUGH COUNTRY SUSPENSION SYSTEMS®

POLARIS 2017-20 Ranger Aluminum Control Arms

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:

Control arm bushing x16
Control arm sleeve x8
Dr upper control arm x1
Pass upper control arm x1
Dr lower control arm x1
Pass lower control arm x1
90° Grease Fitting x8
Ball Joint Hardware Bag x4
10mm x 80mm Bolts x2
10mm Flat Washers x4
10mm Lock Nuts x2

Tools Needed:

7mm Socket/Wrench
15mm Socket/Wrench
16mm Socket/Wrench

⚠ NOTICE **Grease ball joints and control arm eyelets before use.**



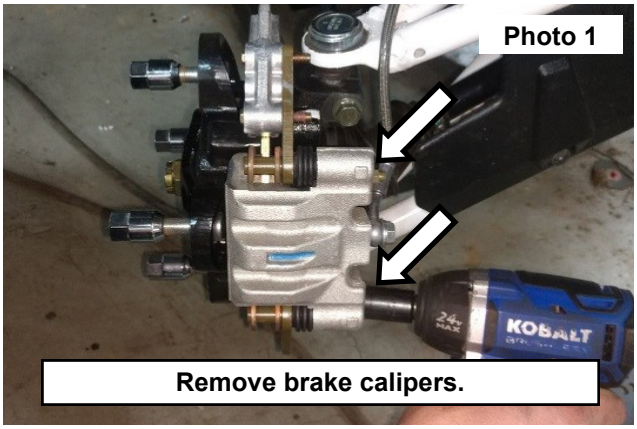
Torque Specs:

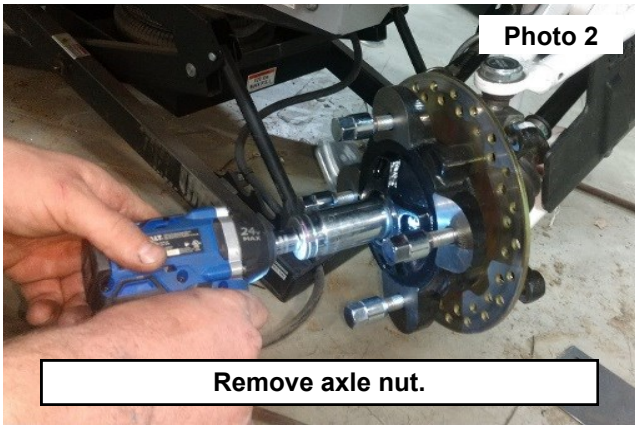
Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16”	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8”	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16”	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2”	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16”	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8”	135ft/lbs	175ft/lbs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

RC ROUGH COUNTRY

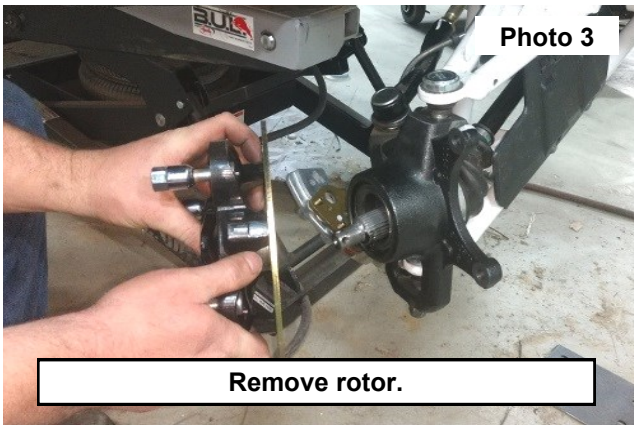
INSTALLATION INSTRUCTONS

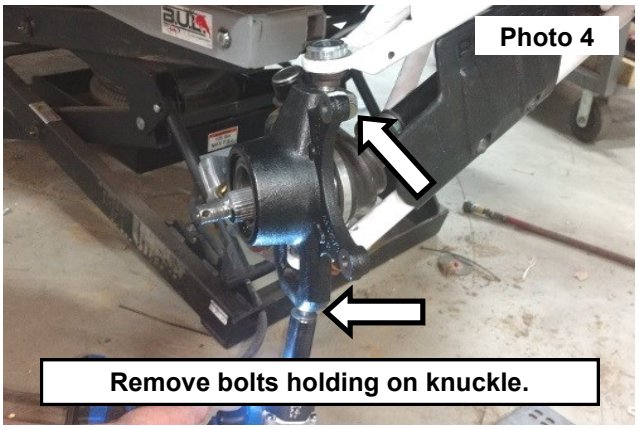
1. Jack up the Ranger and rest the frame on jack stands.
2. Remove the front wheels.
3. Remove the brake calipers. **See Photo 1**.
4. Remove the axle nut. **See Photo 2**.



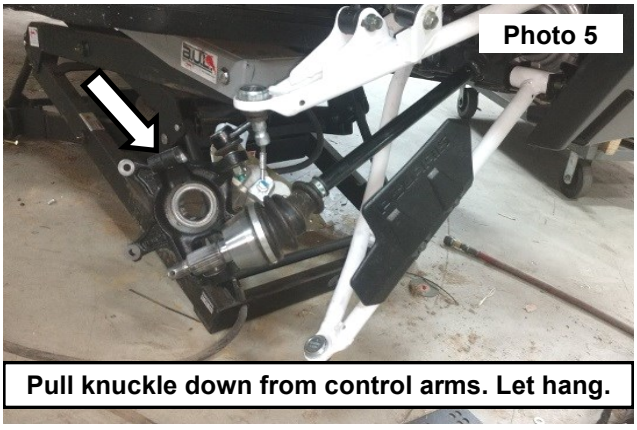


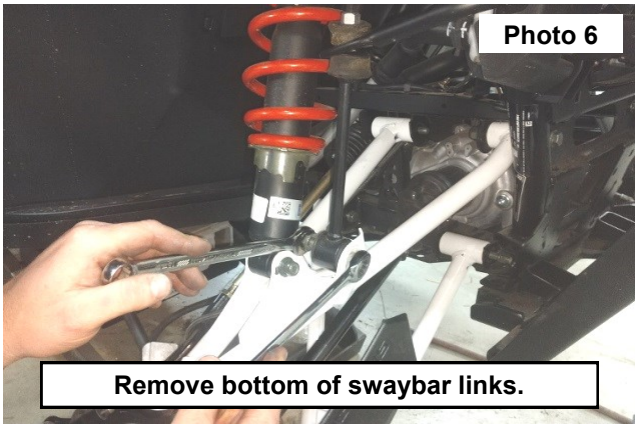
5. Remove the rotor. **See Photo 3**.
6. Remove the two bolts holding on the knuckle. **See Photo 4**.



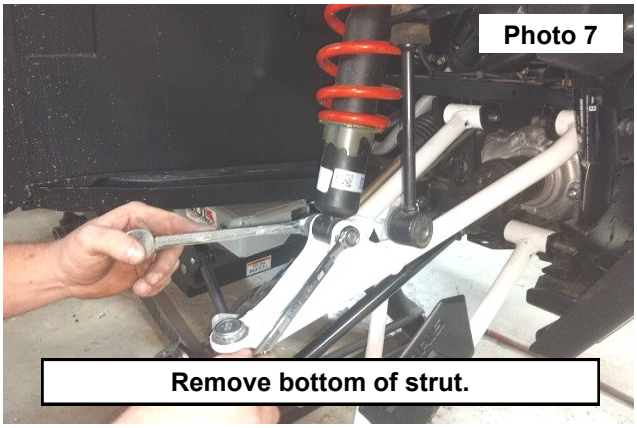


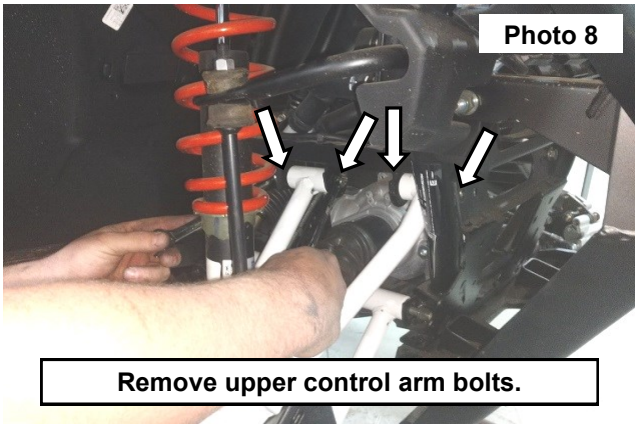
7. Pull the knuckle down to remove it from the upper and lower control arms. Let it hang to the side. **See Photo 5**.
8. Remove the bottom of swaybar links using 15mm socket/wrench. **See Photo 6**.



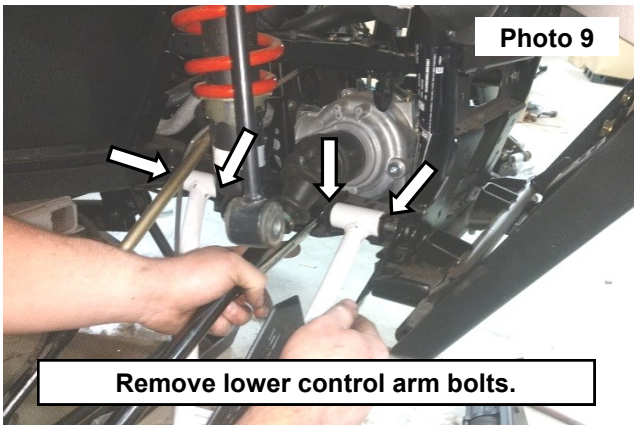


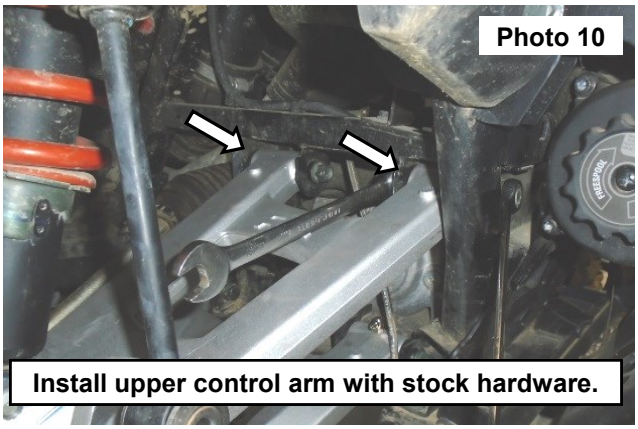
9. Remove the bottom of the strut using a 15mm socket/wrench. **See Photo 7**.
10. Remove the two bolts for the upper control arm using a 15mm socket/wrench. **See Photo 8**.



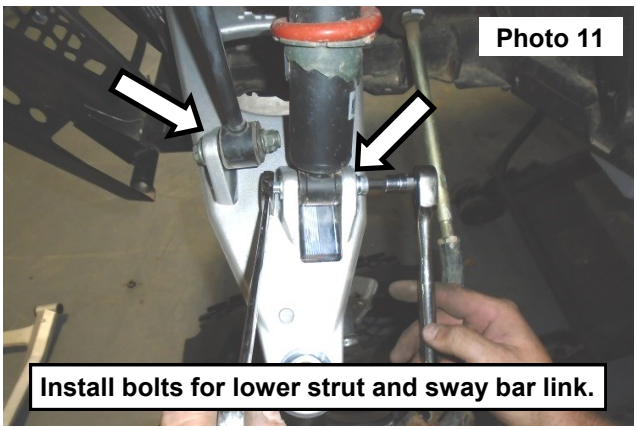


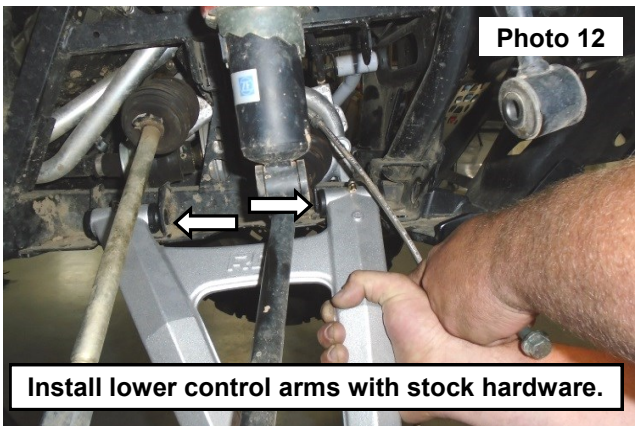
11. Remove the two bolts for the lower control arm. **See Photo 9**.
12. Install the bushings, sleeves, and grease fittings in each control arm eyelet.
13. Install the RC upper control arm with stock hardware. DO NOT fully tighten. **See Photo 10**.



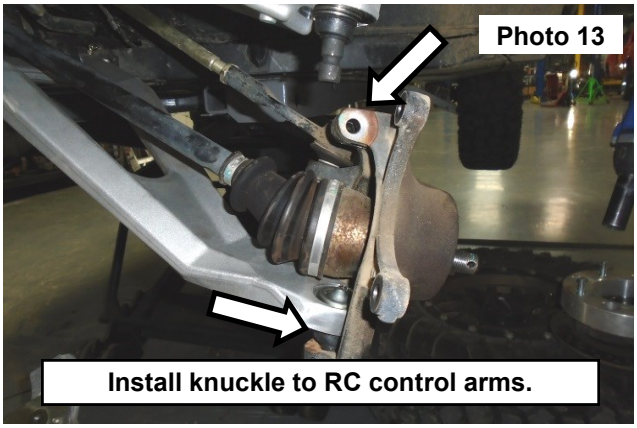


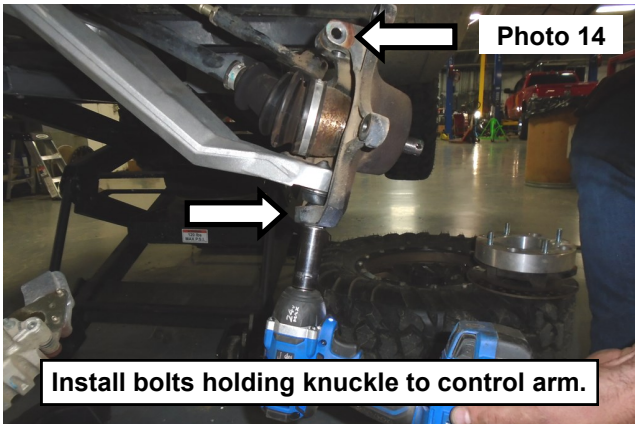
14. Install the supplied 10mm hardware for the lower strut and stock hardware for the sway bar link. **See Photo 11**.
    NOTE: Tighten the upper control arm bolts before tightening strut and sway bar link bolts.
15. Install the RC lower control arms with stock hardware. DO NOT fully tighten. **See Photo 12**.



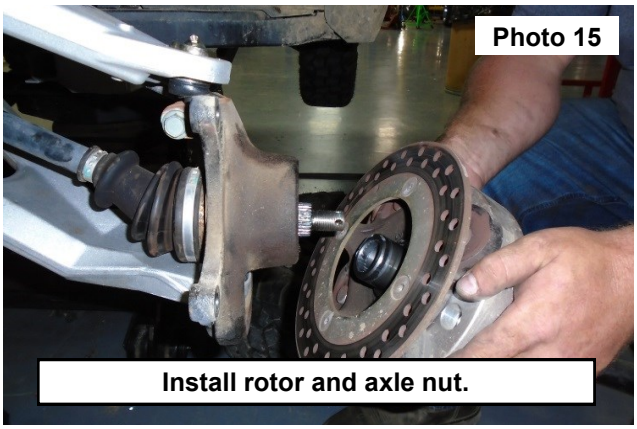


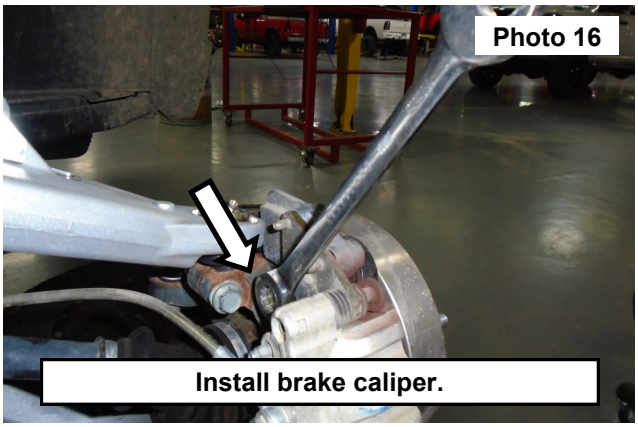
16. Install the knuckle to the RC control arms. **See Photo 13**.
17. Install and tighten the bolts holding the knuckle to the control arms. **See Photo 14**.





18. Install the rotor and axle nut. **See Photo 15**.
19. Install the brake caliper. **See Photo 16**.





20. Fully tighten the lower control arm.
21. Use zip tie to secure the brake line to the upper control arm.
22. **⚠NOTICE** Grease ball joints and control arm eyelets before use.
23. Install wheels and lower the vehicle to the ground.

By purchasing any item sold by Rough Country, LLC, the buyer expressly warrants that he/she is in compliance with all applicable, State, and Local laws and regulations regarding the purchase, ownership, and use of the item. It shall be the buyers responsibility to comply with all Federal, State and Local laws governing the sales of any items listed, illustrated or sold. The buyer expressly agrees to indemnify and hold harmless Rough Country, LLC for all claims resulting directly or indirectly from the purchase, ownership, or use of the items.