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Rough Country 93017 Installation Instructions

3-Inch Lift Kit for Polaris Ranger XP 1000 (2017–2025)

Part number: 93017

trailfortress.com/rough-country-3-inch-lift-kit-93017

Scan for fitment, price and install help

921930170

Polaris 2018-20 Ranger 1000XP 3” Inch Lift Kit

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:

- **Strut Pre load x2**
- **Sway Links Stud to Eye x2**
- **Bracket Spacer Sleeves x4**
- **Lift Brackets x4**
- **0.180 Width Shims x2**

Rear:

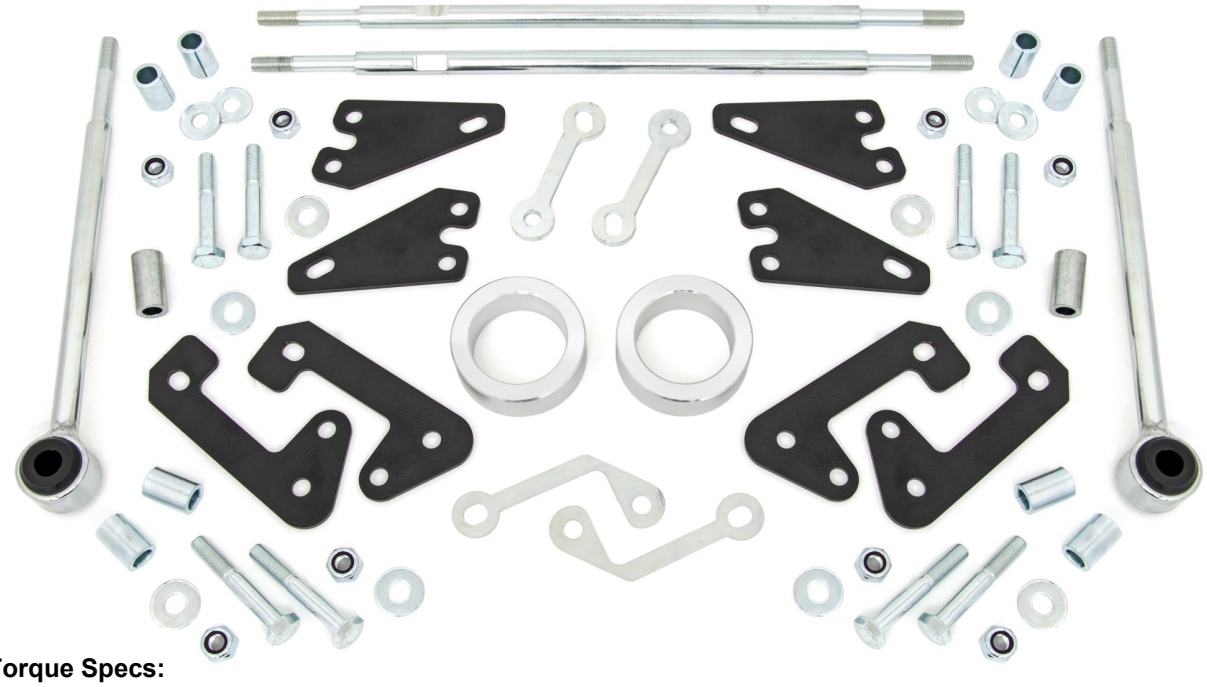
- **Sway Links Stud to Stud x2**
- **Bracket Spacer Sleeves x4**
- **Lift Brackets x4**
- **0.048 Width Shims x2**

TOOLS NEEDED:

- **15mm Wrench and Socket**
- **17mm Wrench and Socket**
- **19mm Wrench and Socket**

HARDWARE INCLUDED:

- **10mm-1.5 x 65mm Hex Head Bolt x8**
- **10mm-1.5 Nylock Nut x8**
- **3/8”USS Flat Washer x12**

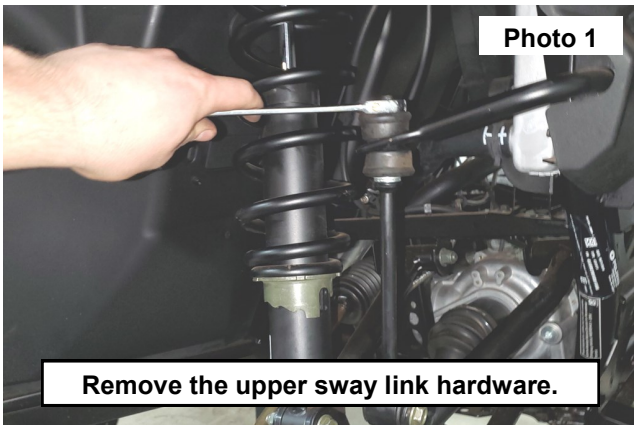


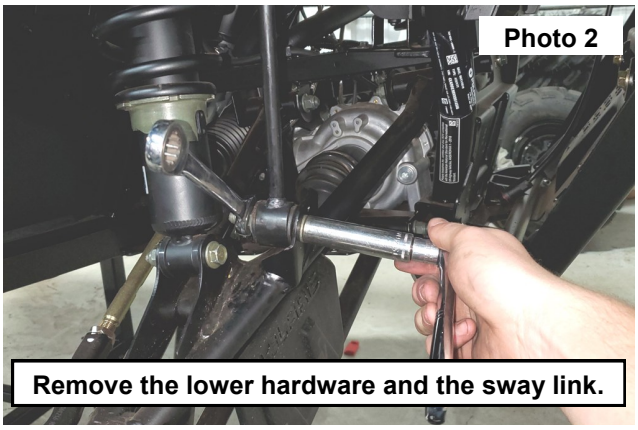
Torque Specs:

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

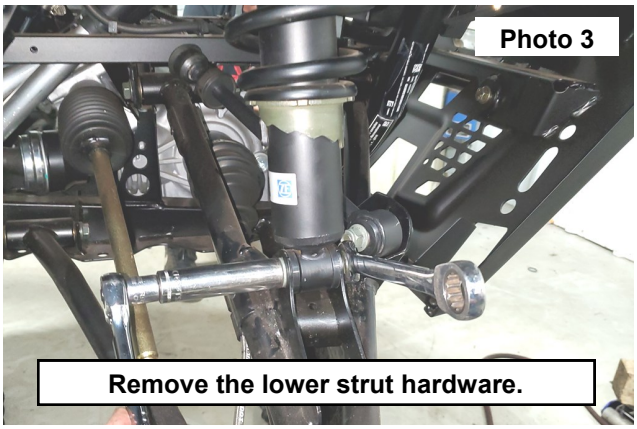
INSTALLATION INSTRUCTONS

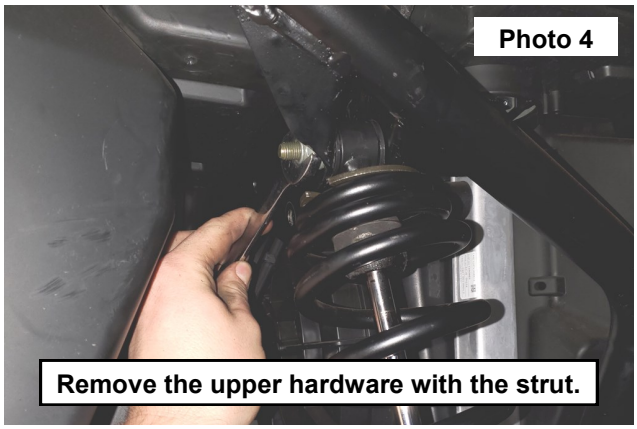
1. Park the UTV on a clean level surface. Using a jack lift the front of the UTV up so the front wheels clear the ground and then lower onto jack stands.
2. Remove the front wheels, set aside retaining the lug nuts for later use.
3. Remove the sway link from the sway bar using an 15mm wrench and the lower mount using a 15mm wrench and socket. **See Photos 1 and 2.**



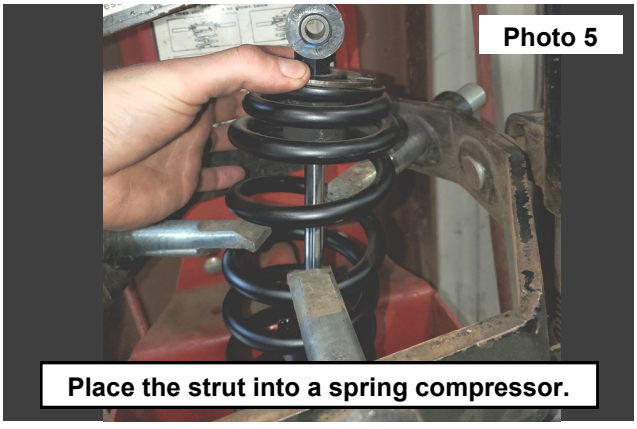


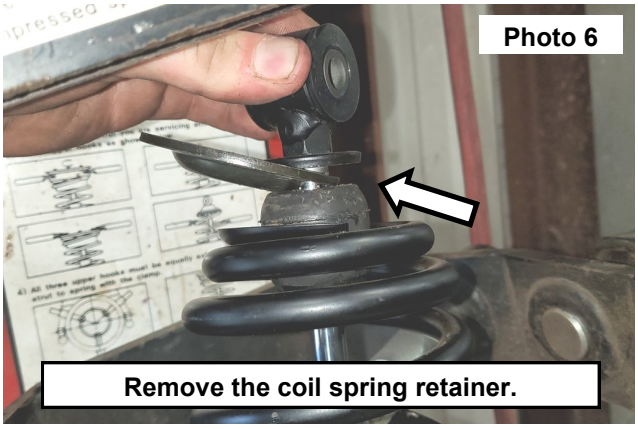
4. Remove the lower strut bolt using a 15mm wrench and socket. Retain hardware for later use. **See Photo 3.**
5. Remove the upper strut bolt using a 15mm wrench and socket. Retain hardware for later use. **See Photo 4.**
6. Remove the strut from the UTV.



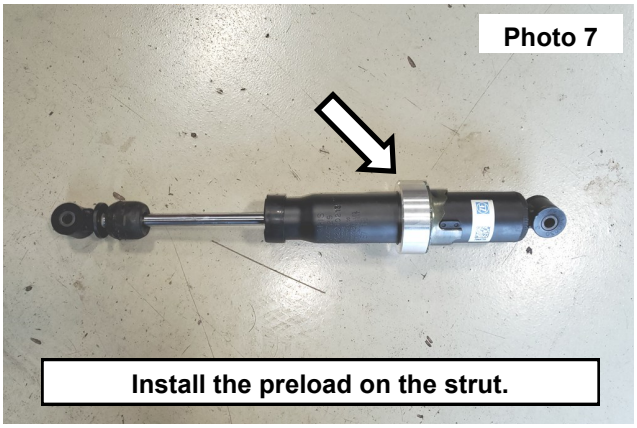


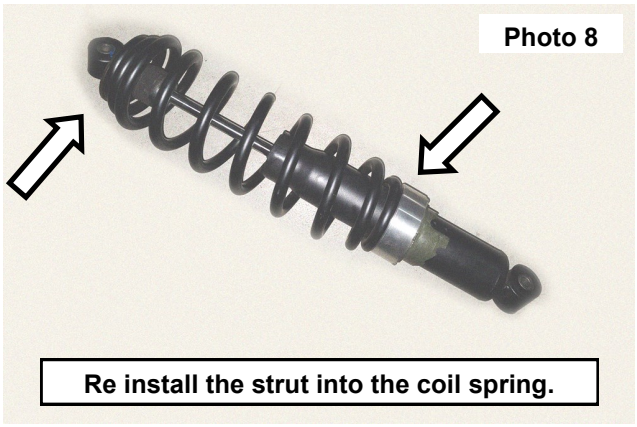
7. Install the strut into a spring compressor. Compress the strut to unseat the upper coil spring retainer. **See Photo 5.**
8. Remove the retainer and the strut from the coil spring. Save the retainer will be reinstalled. **See Photo 6.**



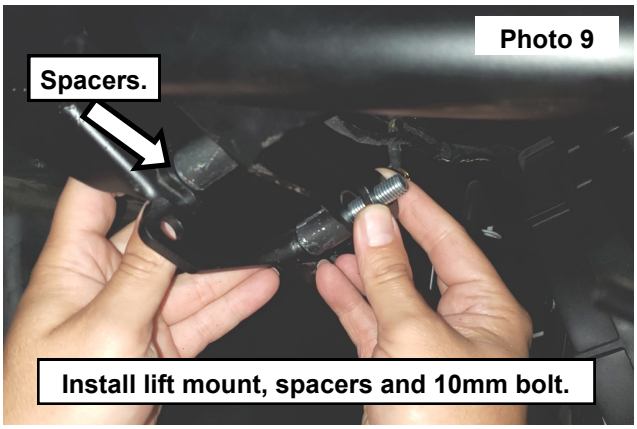


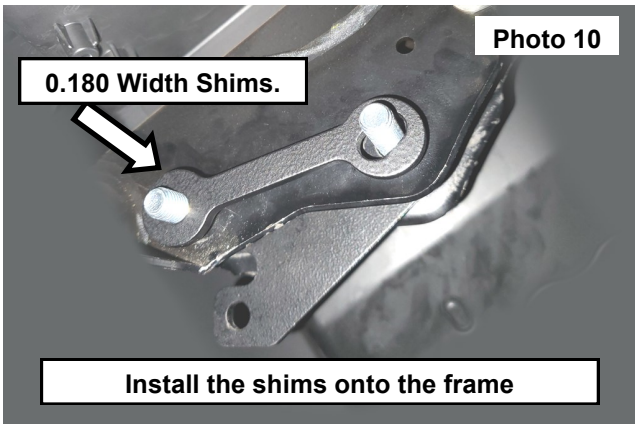
9. Install 1 of the supplied preload spacers onto the strut. **See Photo 7.**
10. Install the strut into the compressed coil spring insert the coil spring retainer into the removed location securing the strut to the coil when removing the pressure from the coil spring compressor. **See Photo 8.**



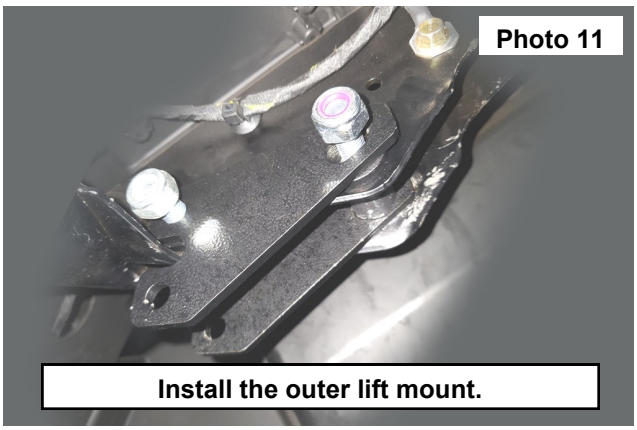


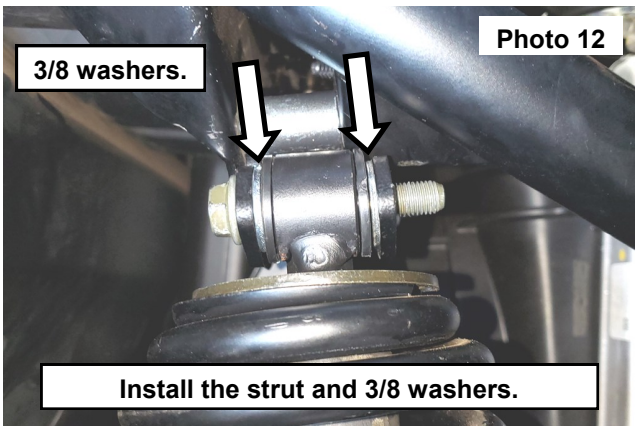
11. Place 1 of the lift mounts to the inside of the upper strut mount along with the 2 of the supplied spacers. Place (2) 10mm-1.5 x 65mm hex head bolts, (2) 10mm flat washers through the frame, lift mount and spacers. **See Photo 9.**
12. Install one of the 0.180 width shims onto the 10mm bolts and the outside of the frame. **See Photo 10.**



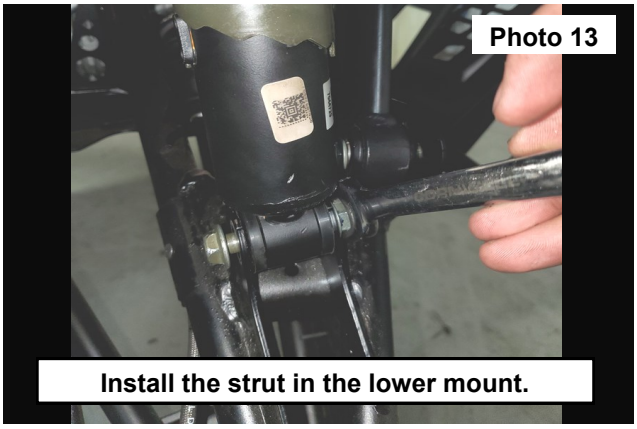


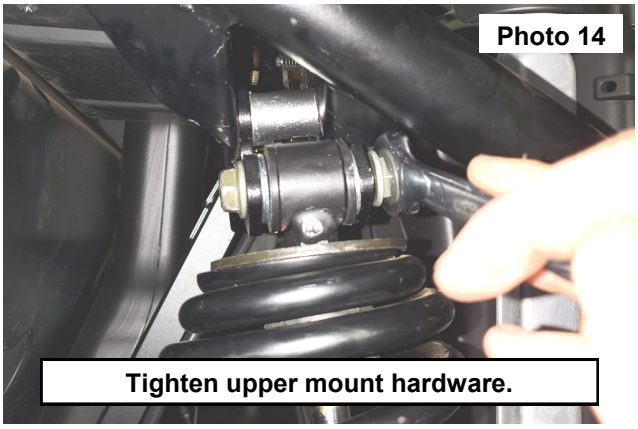
13. Install the out side lift mount onto the 10mm-1.5 x 65mm hex bolts. Secure using 2 of the 10mm flat washers and 10mm-1.5 nylock nuts. **See Photo 11.** Do not tighten at this time.
14. Install the strut into the new lift mount using the supplied 3/8 washers on each side of the strut bushing then install the OE hardware. **See Photo 12.** Do not tighten at this time.



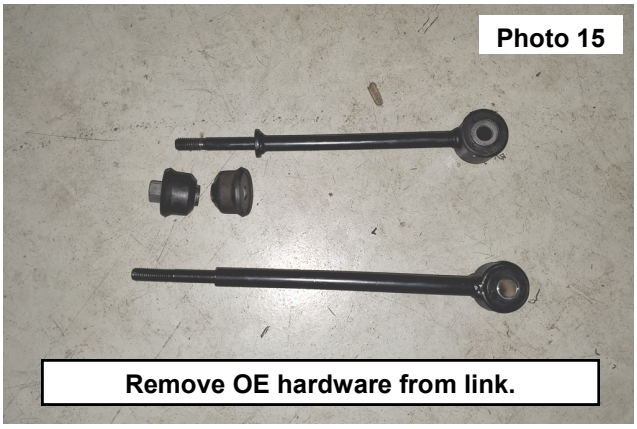


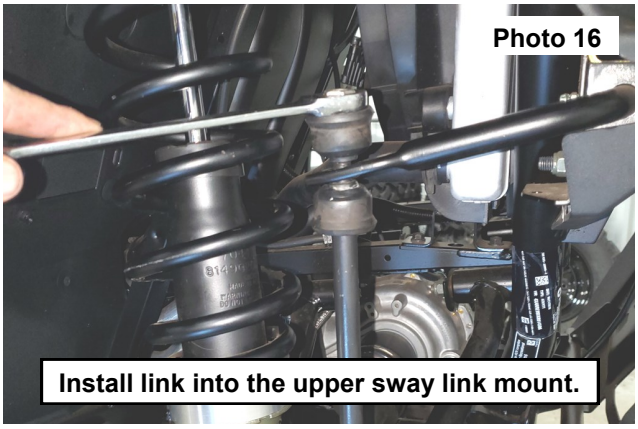
15. Install the strut into the lower mount and tighten using a 15mm wrench and socket. **See Photo 13.**
16. Tighten the upper mount and strut hardware. Using a 17mm wrench and socket. **See Photo 14.**



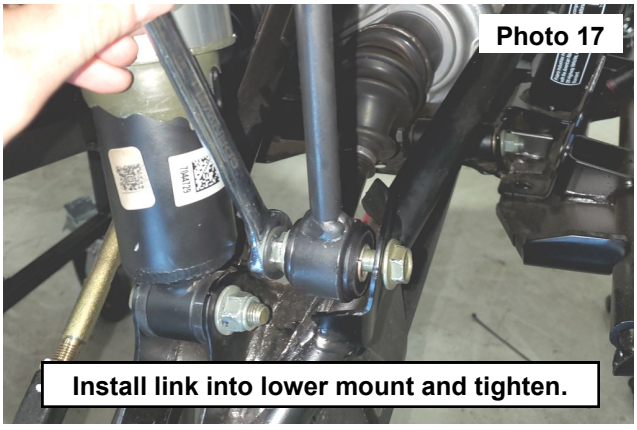


17. Remove the stem bushing hardware from the OE sway link and install the lower stem bushing onto the new sway link. **See Photo 15.**
18. Install the sway link into the sway bar using the retained hardware. Tighten using a 15mm wrench. **See Photo 16.**





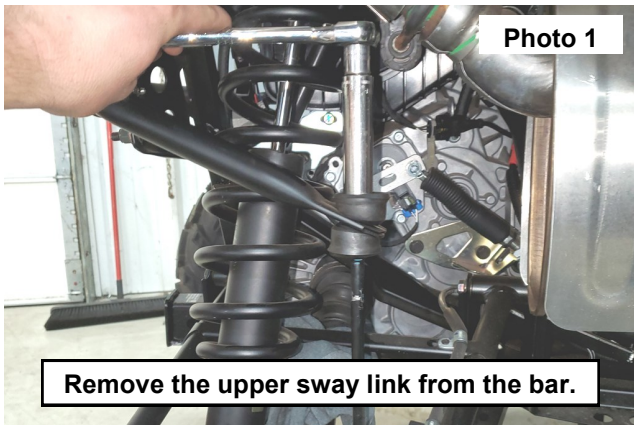
19. Install the link into the lower mount using the retained hardware. Tighten using 15mm wrench and socket. **See Photo 17.**
20. Repeat steps 3-19 on the opposite side of the UTV.
21. Install the wheels and tires. Using a jack lift the UTV up and remove the jack stands. Lower the UTV onto the ground. **See Photo 18.**

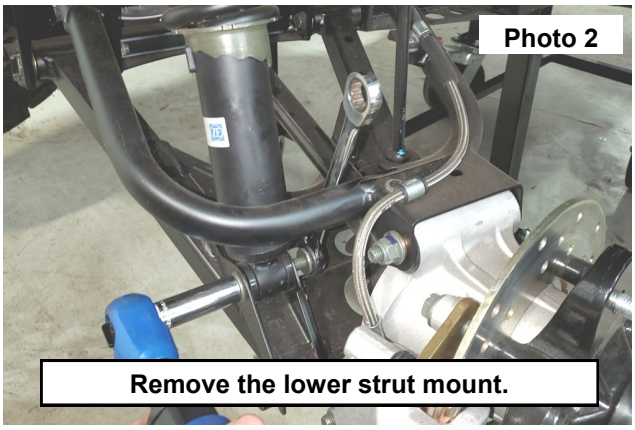




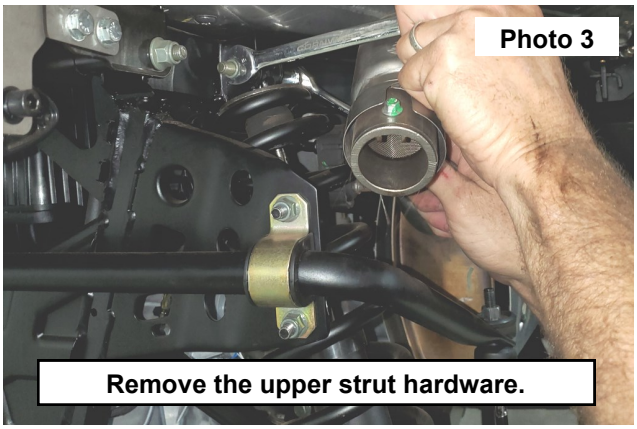
REAR INSTALLATION INSTRUCTONS

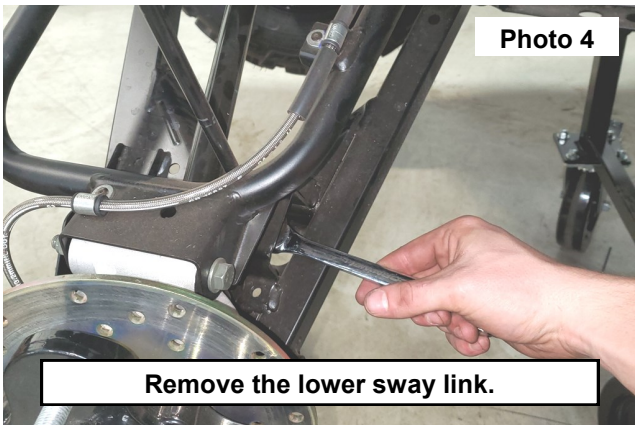
1. Park the UTV on a clean level surface. Using a jack lift the rear of the UTV up so that the rear wheels clear the ground and then lower onto jack stands.
2. Remove the rear wheels using a 19mm socket, set aside retaining the lug nuts for later use.
3. Remove the upper sway link using a 15mm wrench and socket. Retain hardware for later use. **See Photo 1.**
4. Remove the strut from the lower mount using a 15mm wrench and socket. Retain hardware for later use. **See Photo 2.**



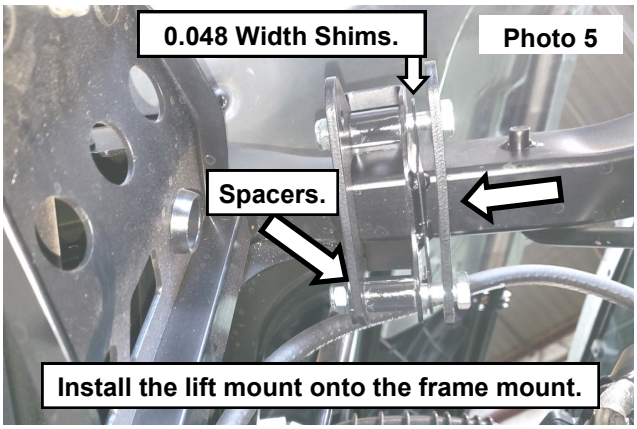


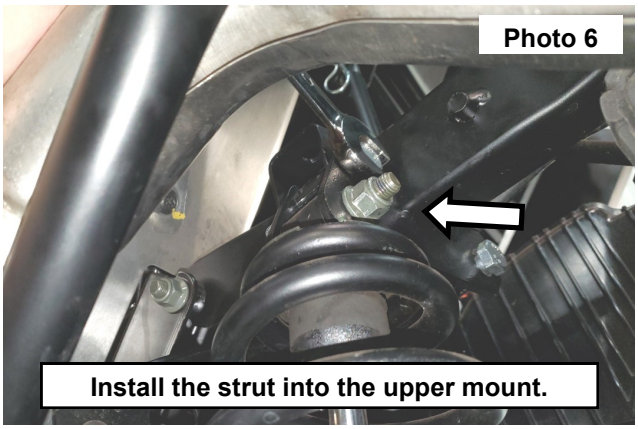
5. Remove the bolt in the upper strut mount using a 15mm wrench and socket. Then remove the strut. **See Photo 3.**
6. Remove the lower hardware and sway link from the lower arm using a 15mm wrench and socket. **See Photo 4.**



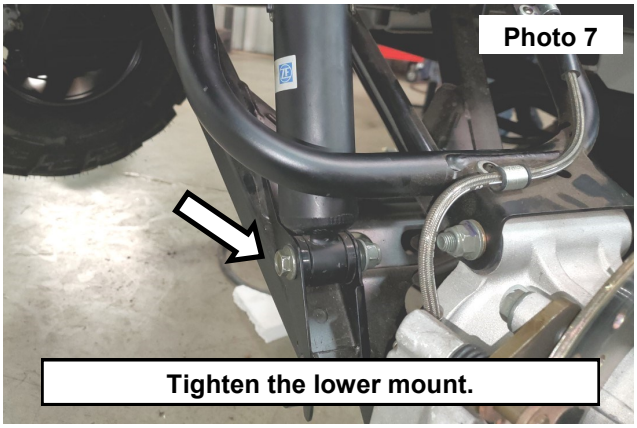


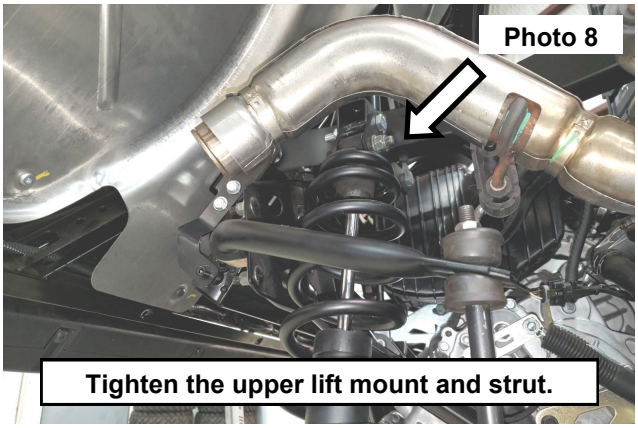
7. Install the rear upper lift mount to the inside of the rear mount, install the spacer on the inside of the mount. Using 2 of the supplied 10mm bolts into the outer lift mount and the 0.048 width inner shim into the frame mount. Secure using the supplied 10mm flat washer and 10mm nylock nut. **See Photo 5.** Do not tighten at this time.
8. Install the strut into the lift mount and secure using the OE bolt and nut. **See Photo 6.**



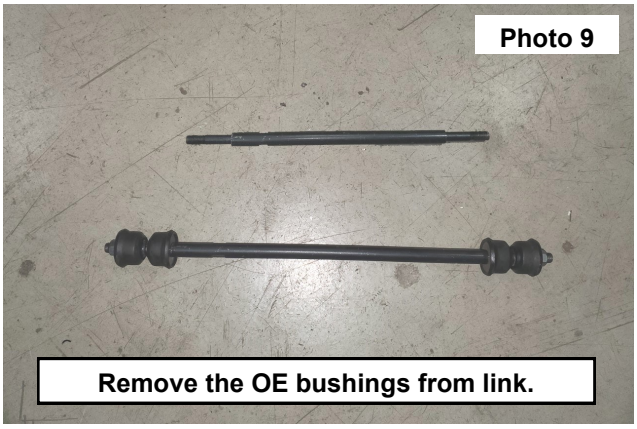


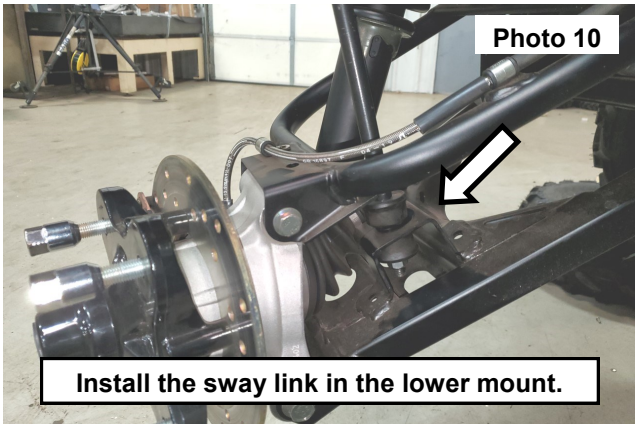
9. Install the strut into the lower arm mount and secure using the OE bolt and nut. Tighten using a 15mm wrench and socket. **See Photo 7.**
10. Tighten the upper lift mount using a 17mm wrench and socket. Then tighten the OE strut bolt using a 15mm wrench and socket. **See Photo 8.**



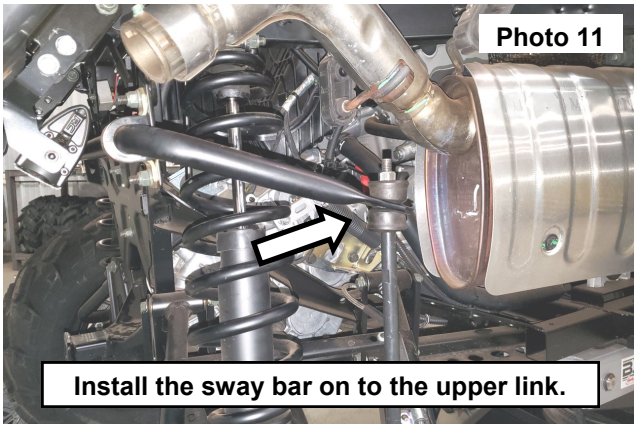


11. Remove the inside bushings from the OE sway links and install them on the new supplied sway links. **See Photo 9.**
12. Install the sway link into the lower mount, install the bushing and washer. Do not tighten at this time. **See Photo 10.**





13. Install the sway bar onto the sway link. Install the upper bushing and nut. Then tighten using a 15mm socket. **See Photo 11.**
14. Tighten the lower sway link. Using a 15mm wrench.
15. Repeat steps 3-14 on the opposite side of the UTV.
16. Install the wheels and tires using a 19mm socket. **See Photo 12.**
17. Using a jack lift the UTV up, removing the jack stands and lowering onto the ground.





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