TRAIL FORTRESS

BUILT FOR THE TRAIL. CHECKED FOR YOUR TRUCK.

Rough Country 501124 Installation Instructions

N3 Loaded Rear Strut Pair for 2018-2023 Subaru Crosstrek AWD

Part number: 501124

trailfortress.com/rough-country-loaded-strut-pair-501124

Scan for fitment, price and install help

ROUGH COUNTRY
SUSPENSION SYSTEMS®

2018 - UP CrossTrek Rear Strut Install

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:
Driver Side Rear Strut x1
Pass Side Rear Strut x1

TOOLS NEEDED:
Jack
Safety Stands
Wheel Chocks
Torque Wrench
Metric Wrenches/Sockets
12mm
14mm
17mm
19mm
21mm

HARDWARE INCLUDED:
10mm Nuts x6



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

REAR INSTALLATION INSTRUCTONS

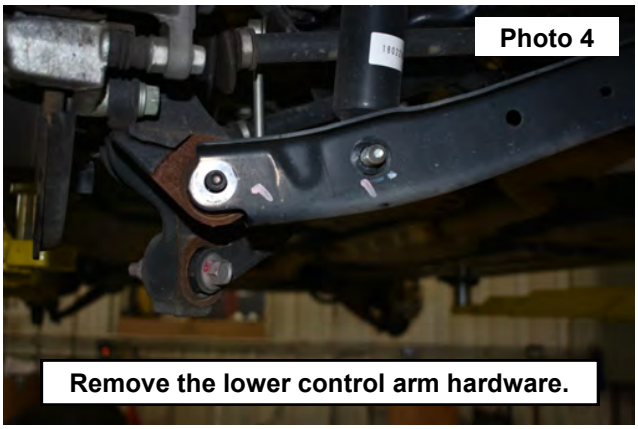
1. Jack the rear of the vehicle up and place the safety stands at the indicated jack points for the rear of the vehicle as found in the service manual. Remove the rear wheels/tires.
2. Open the rear hatch and remove the carpet protector if installed.
3. Lift the floor spare tire cover up and out of the way to access the spare tire and surrounding foam inserts. **See Photo 1.**
4. Use a prying tool to remove the plastic push pins holding the side foam pieces in place. These take a bit to "pop" out and can break easily, so take care when removing. **See Photo 2.**



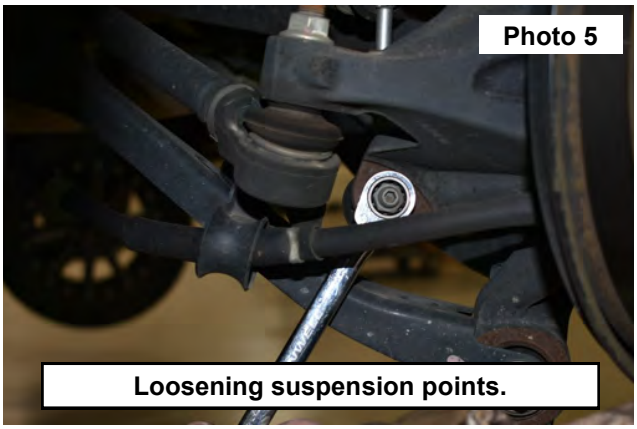


5. Once the foam pieces are removed, you can remove the rear strut tower covers. These pop up and out of their clips. **See Photo 3.**
6. Support the lower control arm with a jack, and remove the lower control arm at the knuckle. Remove the lower strut to lower control arm hardware using a 17mm wrench and socket. **See Photo 4.**



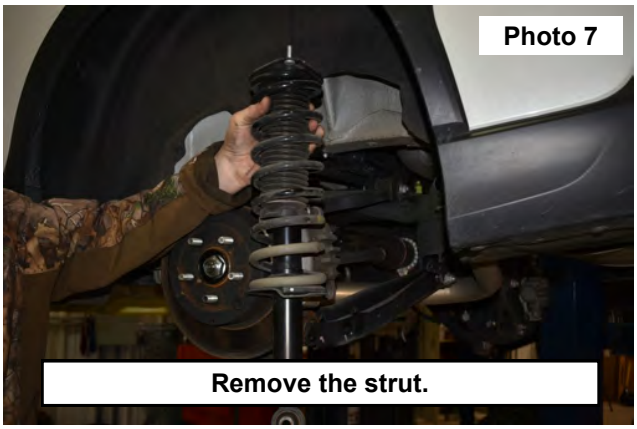


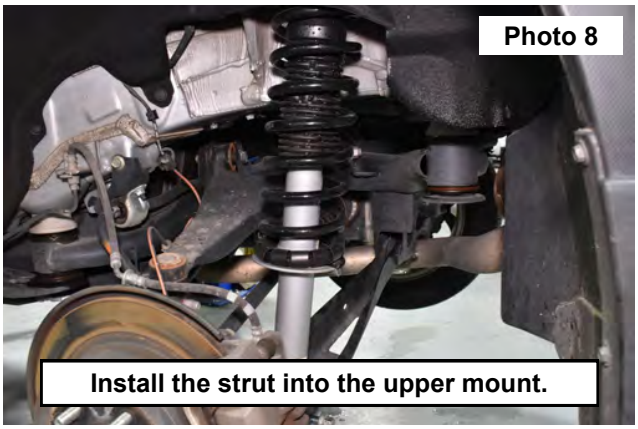
7. Loosen (but do not remove) the lower and upper control arm at the frame, the trailing arm at the knuckle and the frame, and the tie rod end at the frame using a 17mm wrench and socket. These points will stay loose until the vehicle is on the ground with the full vehicle weight on the tires. **See Photos 5 and 6.**





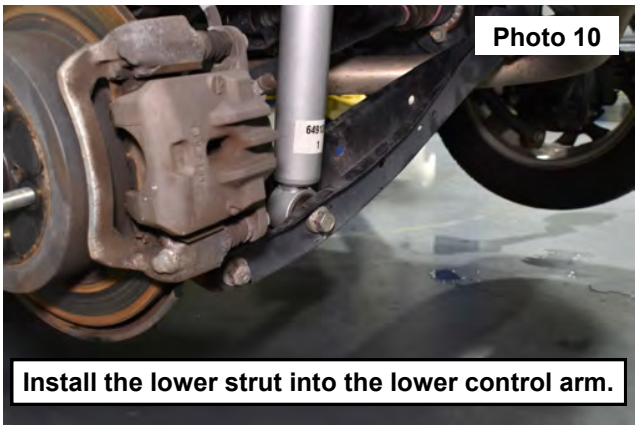
8. The lower control arm will swing out of the way. Use a helper to remove the upper strut hardware from the strut tower using a 14mm socket. Remove the strut assembly from the vehicle taking care to not damage or drop it. **See Photo 7.**
9. Install the new strut into the vehicles upper mount using the supplied nuts. **See Photo 8.**





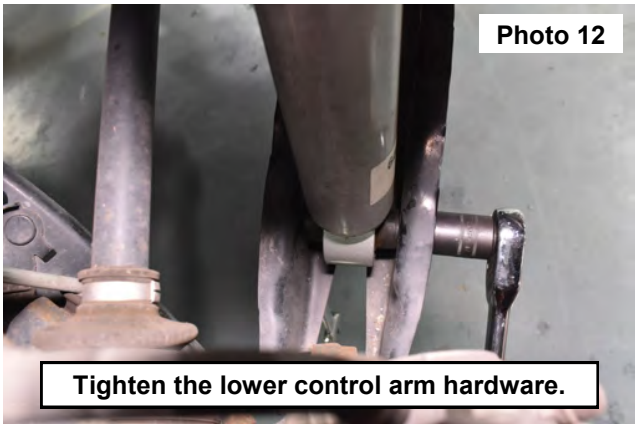
10. Tighten the upper strut mount using a 15mm socket. **See Photo 9.**
11. Place the strut into the lower mount. **See Photo 10.**





12. Reinstall the foam inserts using the previously removed plastic push clips on each side of the vehicle. **See Photo 11**
13. Reinstall the spare tire / floor cover and close the hatch.
14. Install the wheels and tires and lower onto the ground.
15. Tighten the factory hardware on the lower control arm using a 17mm wrench and socket. **See Photo 12.**





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.