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Rough Country 501123 Installation Instructions

N3 Loaded Strut Pair for 2018–2023 Subaru Crosstrek AWD

Part number: 501123

trailfortress.com/rough-country-loaded-strut-pair-501123

Scan for fitment, price and install help

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ROUGH COUNTRY
SUSPENSION SYSTEMS®

2018 - UP CrossTrek Front 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 Front Strut x1
Pass Side Front Strut x1

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

HARDWARE INCLUDED:
10mm Nuts x6

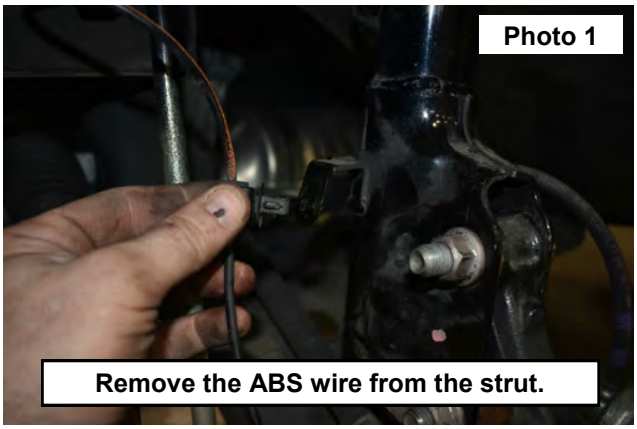


Torque Specs:

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

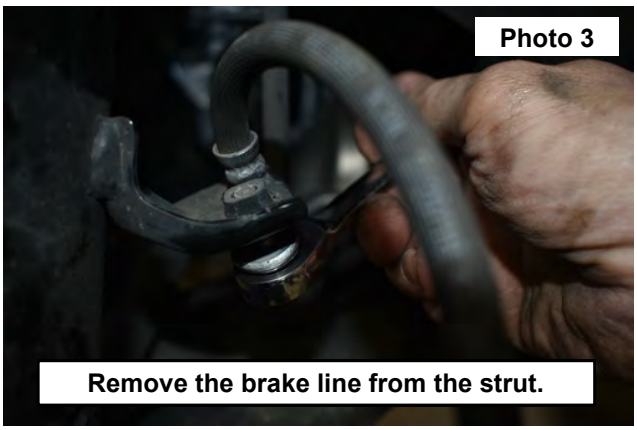
INSTALLATION INSTRUCTONS

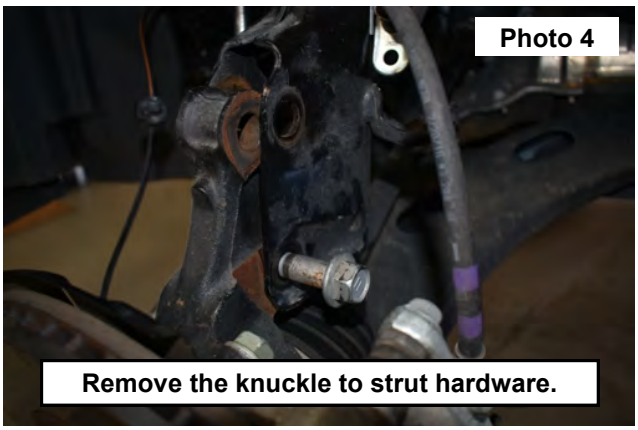
1. Park your vehicle on a clean flat surface, engage the parking brake and chock the rear tires.
2. Jack the front of the vehicle up and place safety stands at the indicated lift points for the unibody in the service manual. Remove the front wheels/tires and set aside.
3. **Save all hardware removed from the vehicle unless otherwise noted.**
4. Open the hood and disconnect the negative terminal on the battery.
5. Remove the ABS wire clip using a pry tool from the strut body and let hang out of the way. **See Photo 1.**
6. Remove the ABS wire clip using a pry tool from the fender well and let hang out of the way. **See Photo 2.**





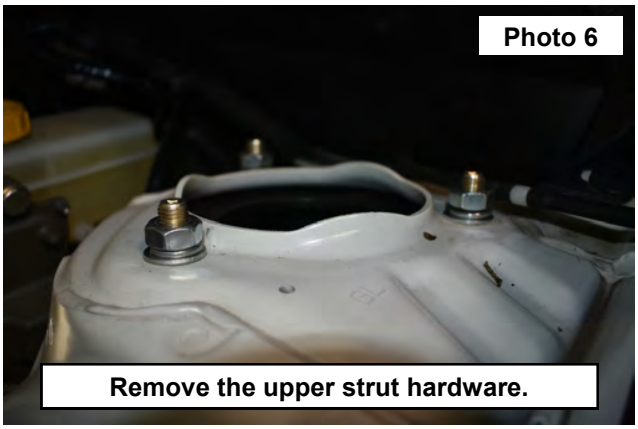
7. Remove the rubber brake line from the strut using a 12mm wrench and let hang out of the way. **See Photo 3.**
8. Support the lower control arm with a jack. Remove the knuckle to strut bolts using a 19mm wrench and socket. The upper bolt is a cam bolt and will need to reinstalled in the same position as removed. Support the knuckle when removing these bolts. Remove the knuckle from the strut by pulling outwards and then rotating to the back of the car. **See Photo 4.**





9. Remove the sway bar end link from the strut using a 17mm socket and let hang out of the way. **See Photo 5.**
10. Utilizing a helper, remove the upper strut nuts using a 14mm wrench. Make sure to not drop the strut. **See Photo 6.**



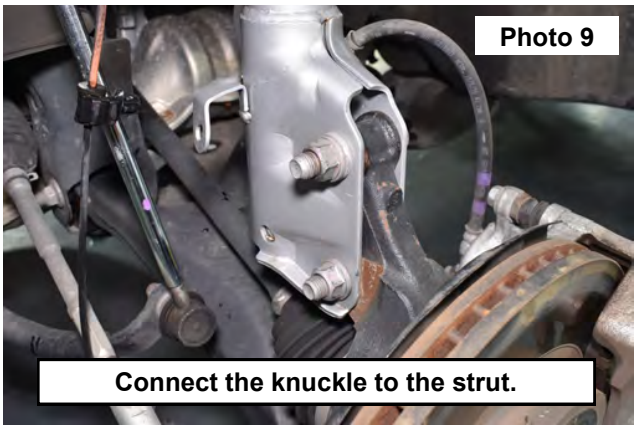


11. Install the strut into the upper mount, secure using the supplied 10mm hardware. **See Photo 7.**
12. Tighten the (3) nuts using a 15mm wrench. **See Photo 8.**





13. Connect the knuckle to the strut body using the OE bolts and nuts. **See Photo 9.**
14. Install the rubber brake line bracket to the strut body using the factory hardware and 12mm wrench.
15. Connect the sway link to the strut using the OE hardware. **See Photo 10.**





16. Install the ABS sensor to the knuckle and secure using a 10mm socket. **See Photo 11.**
17. Install the ABS line to the strut bracket. **See Photo 12.**

