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Rough Country 90501 Installation Instructions

2-Inch Lift Kit with Loaded Struts for 2014-2018 Subaru Forester

Part number: 90501

trailfortress.com/rough-country-2-inch-lift-kit-90501

Scan for fitment, price and install help

921501108

Subaru 2014-18 Forester 1.5” Rear Strut

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:
Rear Struts x2

HARDWARE INCLUDED:
Nuts x4

TOOLS NEEDED:
Jack
Jack Stands
Body Panel Tool
10mm Wrench and Socket
14mm Wrench and Socket
17mm Wrench and Socket



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. Lift the rear of the vehicle up using a floor jack, place jack stands under the rear frame and lower the jack.
2. Remove the wheels and tires from the vehicle.
3. Remove the rubber matt from the rear of the vehicle. **See Photo 1.**
4. Remove the rear floor covering from the vehicle. **See Photo 2.**



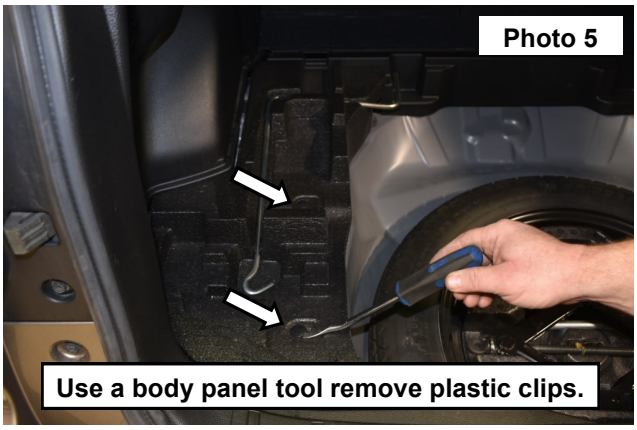


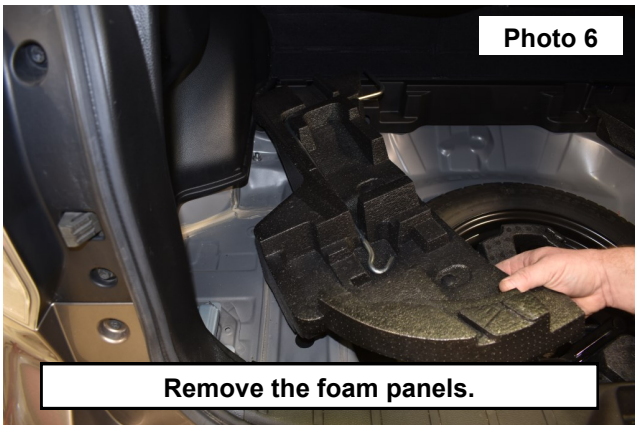
5. Remove the spare tire cover from the vehicle. **See Photo 3.**
6. Remove the (2) outer floor coverings from the vehicle. **See Photo 4.**



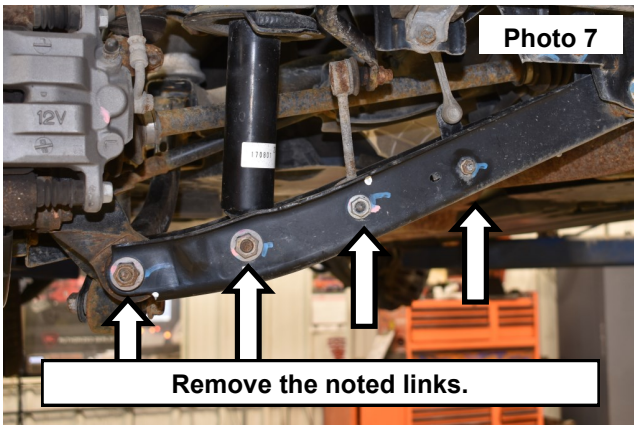


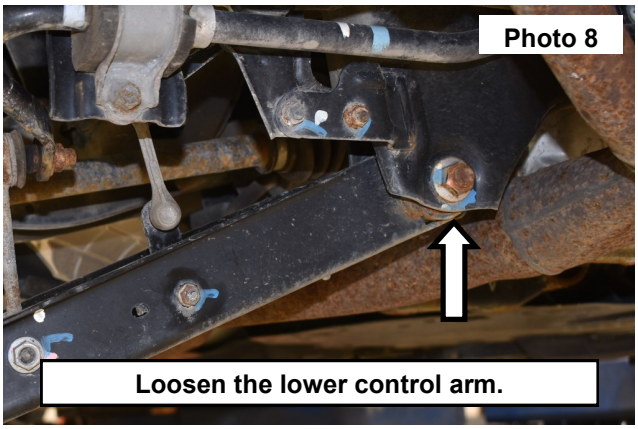
7. Use a body panel tool and remove the plastic clips holding the rest of the foam structure to the floor. **See Photo 5.**
8. Remove the foam panels to reveal the rear strut mounts. **See Photo 6.**



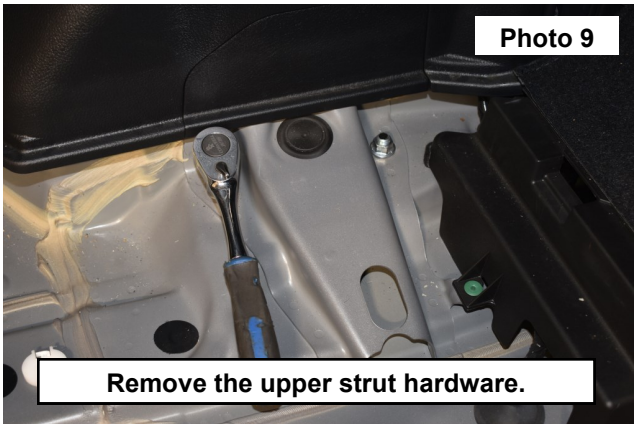


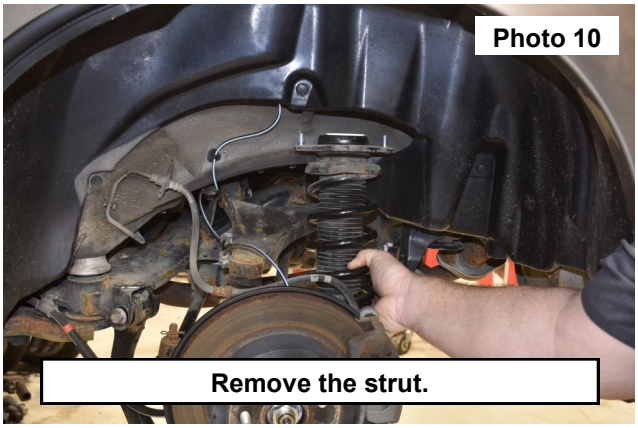
9. On the rear control arm, remove the knuckle, strut, sway bar end link and sensor bracket (select models) hardware using 17mm, 14mm, and 10mm wrench and sockets. **See Photo 7.**
10. Loosen but do not remove the lower control arms at the sub frame using the 17mm wrench socket. **See Photo 8.**



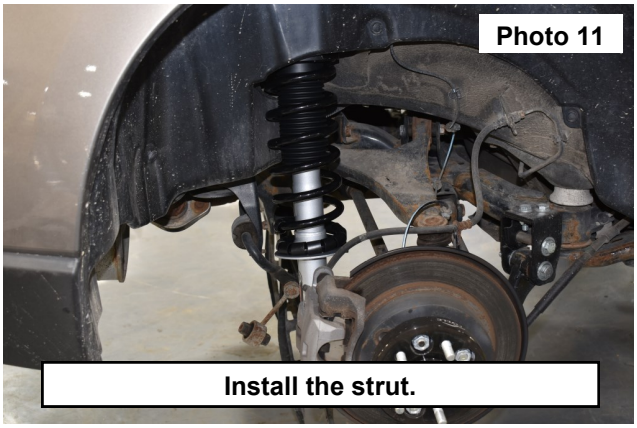


11. Use an assistant to hold the strut, remove the upper strut hardware using a 14mm socket. **See Photo 9.**
12. Remove the OE strut from the vehicle. **See Photo 10.**



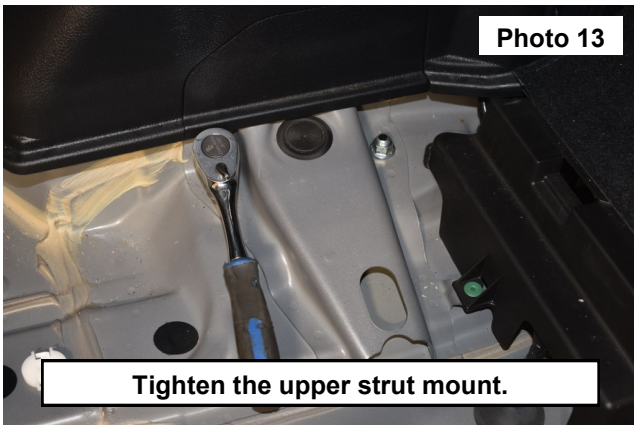


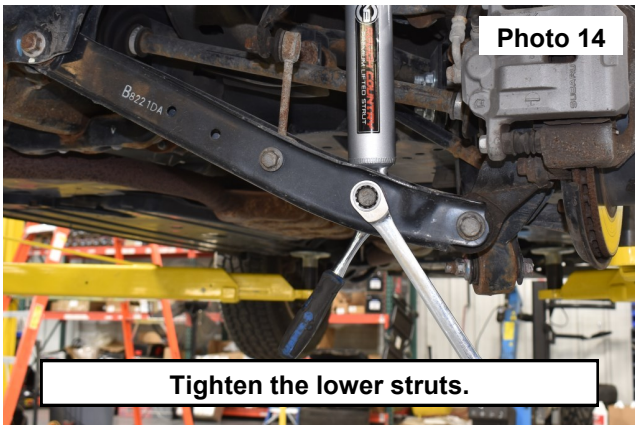
13. Install the new strut into the upper strut mount and secure using the (2) supplied nuts. **See Photo 11.**
14. Install the lower control arm onto the strut. Secure the knuckle, strut, sway bar end link and sensor bracket using the OE hardware. **NOTE:** Do not tighten the strut at this time. **See Photo 12.**



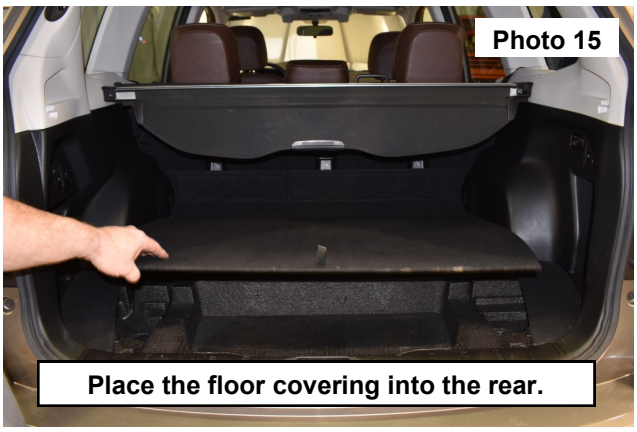


15. Tighten the upper strut mount using a 14mm socket. **See Photo 13.**
16. Install the strut on the opposite side of the vehicle.
17. Install the wheels and tires. Using a jack lift the vehicle up and remove the jack stands. Lower the vehicle onto the ground.
18. Tighten the right and left lower strut bolt and nut using a 17mm wrench and socket. **See Photo 14.**





19. Place the spare tire coverings, rear floor panel and rubber matt into the vehicle. **See Photo 15 and 16.**





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