Rough Country 501147 Installation Instructions

N3 Loaded Lifted Strut Pair for 2022–2025 Ford Maverick 4WD/AWD

Part number: 501147

trailfortress.com/rough-country-loaded-strut-pair-501147

Scan for fitment, price and install help

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FORD 2021 Maverick 2” Strut 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:
Driver Strut x1
Passenger Strut x1

TOOLS NEEDED:
Flat Pry Tool
18MM Socket/Wrench
10MM Socket/Wrench
13MM Socket/Wrench
15MM Socket/Wrench
18MM Socket/Wrench
19MM Socket/Wrench
21MM Socket/Wrench

HARDWARE INCLUDED:
8mm Strut Bolts 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

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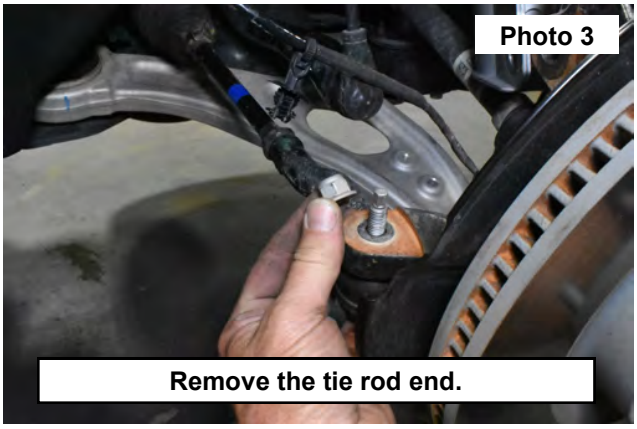
INSTALLATION INSTRUCTONS

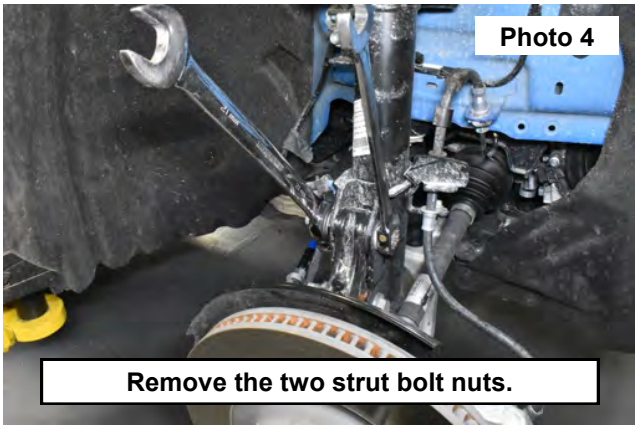
1. Lift the front of the vehicle and place the front onto jack stands. Then remove the wheels and tires.
2. Remove the bolt from the brake line using a 10mm socket and remove the ABS line from the strut. **See Photo 1.**
3. Disconnect the sway link from the strut using an 18mm socket. **See Photo 2.**



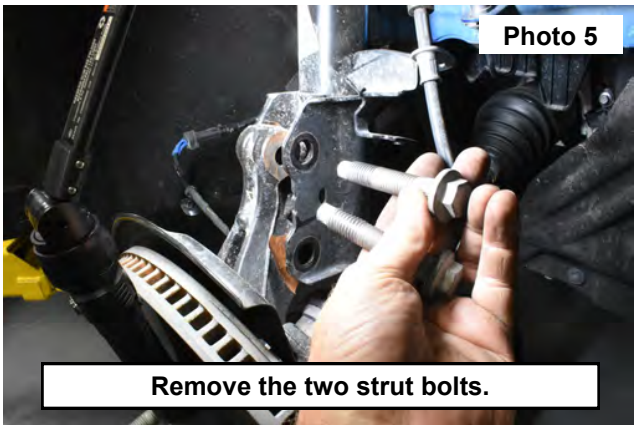


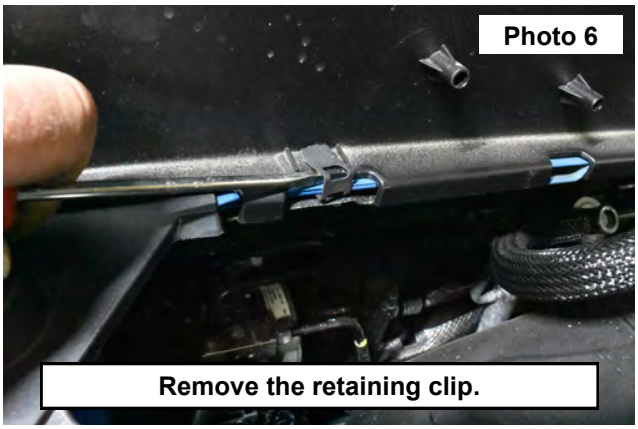
4. Using an 18mm wrench loosen the tie rod end nut. Use a hammer, striking the front of the knuckle boos to unseat the taper. Then remove the nut and remove the tie rod end. **See Photo 3.**
5. Remove the (2) lower strut bolts using a 21mm wrench. **See Photo 4.**





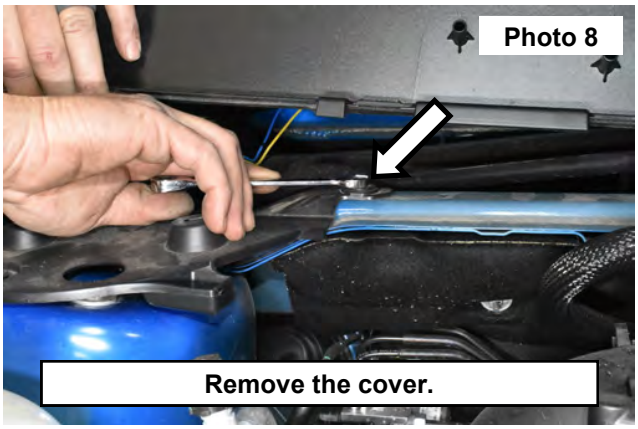
6. Remove the (2) bolts from the knuckle. Then lean the knuckle away from the strut. **See Photo 5.**
7. Using a flat tip pry tool remove the retaining clip from the trim panel under the hood. Retain clip. **See Photo 6.**



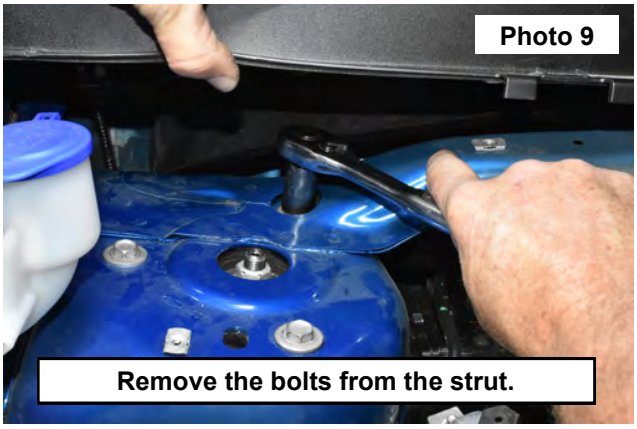


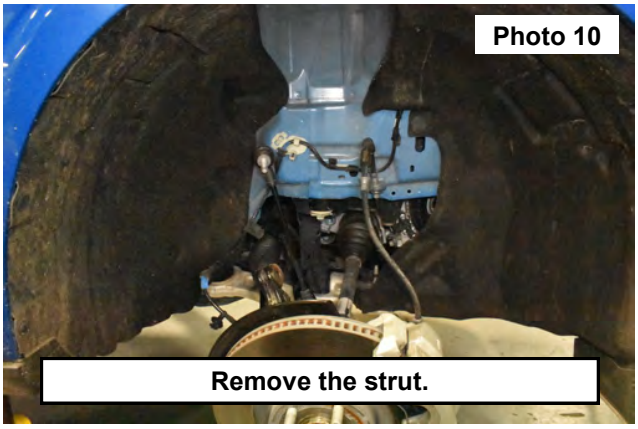
8. Using a 10mm wrench remove the (2) bolts in the strut cover. Remove the strut cover. **See Photos 7 and 8.**





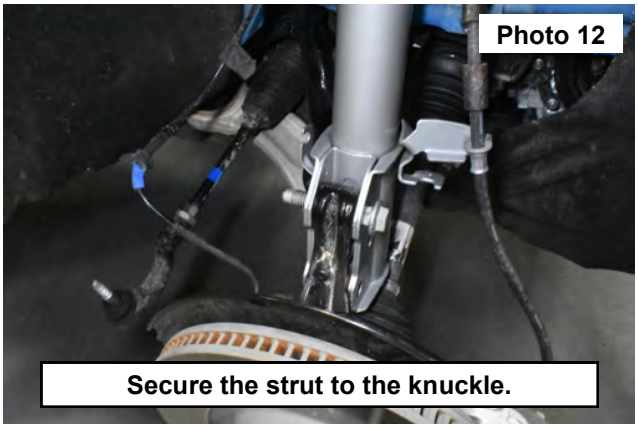
9. Support the strut. Using a 13mm socket remove the (3) bolts in the strut and remove from the vehicle. **See Photos 9 and 10.**



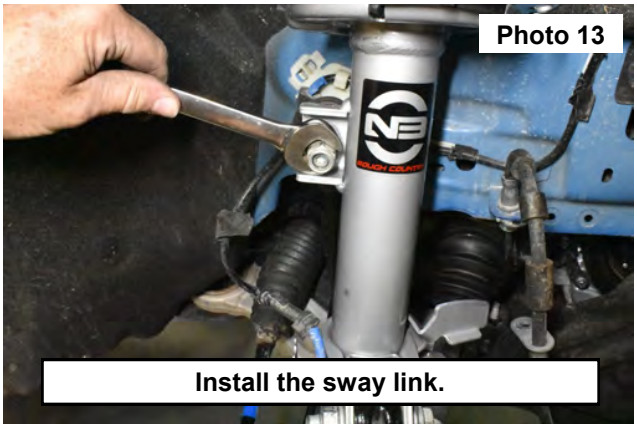


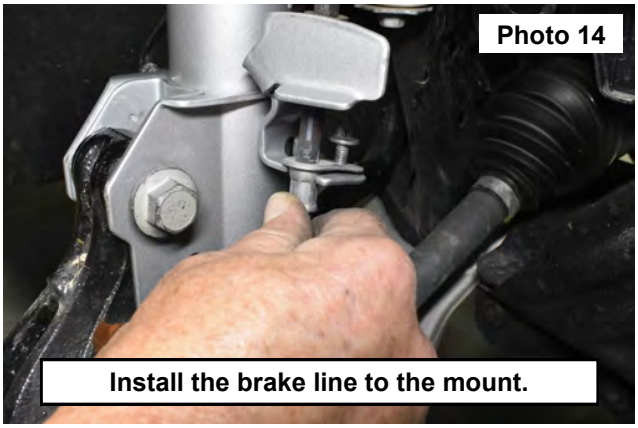
10. Place the new N3 strut into the vehicle and secure using (3) of the supplied 8mm bolts. Hand tighten to secure strut. **See Photo 11.**
11. Place the knuckle into the strut and secure by using the (2) OE bolts and nuts tighten using a 21mm wrench. **See Photo 12.**





12. Place the sway link into the strut and secure using the OE nut. Tighten using a 18mm socket. **See Photo 13.**
13. Place the brake line onto the mount and secure using the OE bolt. Tighten using 10mm wrench. **See Photo 14.**





14. Attach the ABS line to the strut mount and the clip installed in the mounting hole. **See Photo 15.**
15. The top strut bolt hole is slotted for camber adjustment. **See Photo 16.**

