TRAIL FORTRESS

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Rough Country 41450 Installation Instructions

3-Inch Lift Kit with Vertex Shocks for 2021–2025 Ford F-150 4WD

Part number: 41450

trailfortress.com/rough-country-3-inch-lift-kit-41450

Scan for fitment, price and install help

680004

ROUGH COUNTRY
SUSPENSION SYSTEMS®

F-150 Vertex Shocks

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:

680004:
1-Vertex Front Pass Coilover
680005:
1-Vertex Front Dr Coilover
690002:
2-Vertex 2.5 Rear Piggybacks

TOOLS NEEDED:

15mm Wrench or Socket
17mm Wrench or Socket
18mm Wrench or Socket

HARDWARE INCLUDED:

680004 and 680005:
10mm Hex Head Bolts x3
10mm Flat Head Washers x3

690002:
Use OE



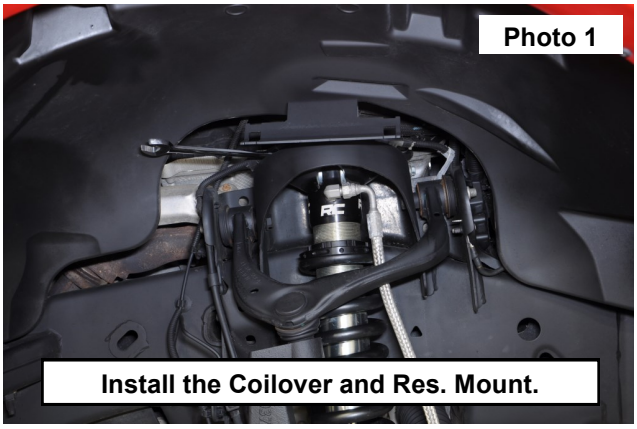
Torque Specs:

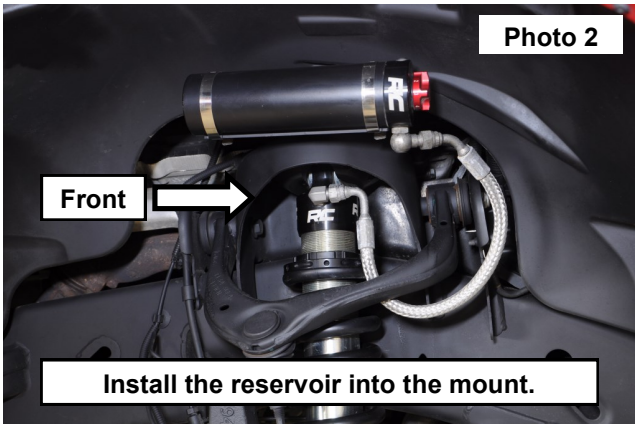
Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16”	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8”	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16”	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2”	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16”	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8”	135ft/lbs	175ft/lbs	16MM	130ft/lbs	165ft/lbs
3/4”	185ft/lbs	280ft/lbs	18MM	170ft/lbs	240ft/lbs

RC ROUGH COUNTRY

INSTALLATION INSTRUCTONS

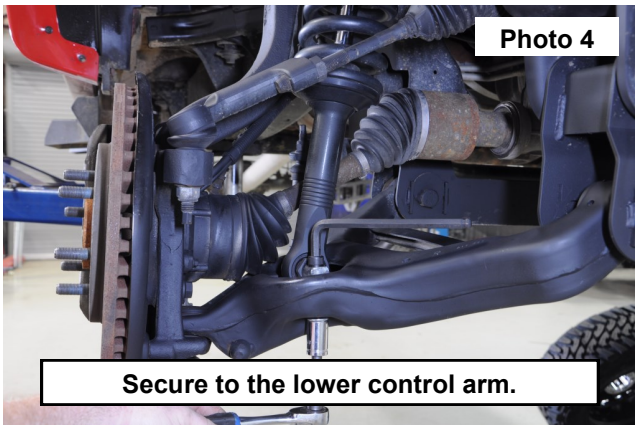
1. Install the Vertex Coilover into the upper frame mount, use (1) of the supplied 10mm Hex Head Bolt and (1) 10mm Washer into the rear hole. Then place the reservoir mounting bracket onto the frame mount and secure by using (2) of the supplied 10mm Hex Head Bolt and (2) 10mm Washer into the remaining (2) holes in the upper frame mount. Tighten using a 17mm wrench **See Photo 1.**
2. Secure the reservoir to the mount using the supplied clamps. **Make sure the braided line is routed as shown in Photo 2.**





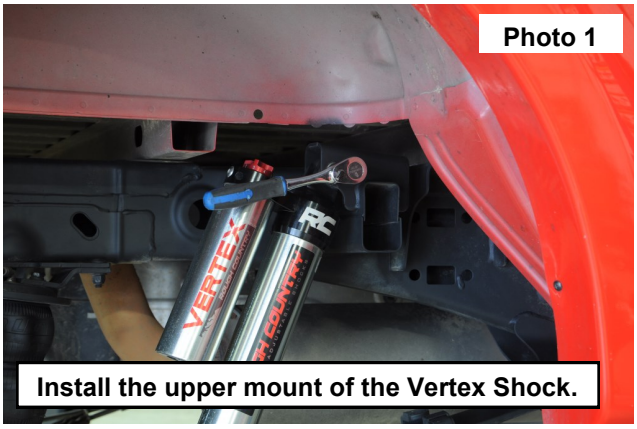
3. Tighten the reservoir using a flat screwdriver. **See Photo 3.**
4. Attach the lower strut mount to the lower control arm using the supplied 10mm x 65mm socket head bolts, washers and nuts. Tighten using a 17mm socket and an 8mm Allen. **See Photo 4.**

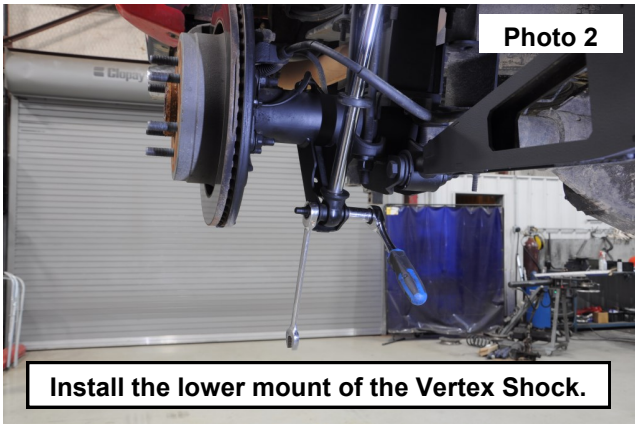




REAR INSTALLATION INSTRUCTONS

1. Install the new Vertex 2.5 piggyback shock absorbers in the upper and lower mounts using the stock hardware. Tighten using a 18mm and 15mm wrench. **See Photos 1 & 2.**





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