



## JEEP JK VERTEX FRONT SHOCK

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.

Check and retighten wheels at 50 miles and again at 500 miles. Periodically check all hardware for tightness.

**KIT CONTENTS:**

1-Vertex Shock

**TOOLS NEEDED:**

- 15mm wrench
- 17mm wrench
- 18mm wrench and socket
- 3/4 wrench and socket
- 15/16 wrench and socket
- Ratchet

**HARDWARE INCLUDED:**

- 2-Cup Washer
- 2-Bushings
- 1- Nylock Nut
- 2-Lower Spacers



**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



## Vertex Shocks

Behold: The pinnacle of off-road performance and smooth ride quality in an affordable package has arrived with Rough Country's 2.5 Vertex 8-Stage Adjustable Reservoir Shocks.

These high-performance reservoir shocks offer an elite ride-quality in every situation you face, with an 8-stage adjustable damping system that lets you perfectly dial-in your ride for whatever lies ahead. Whether you want a smooth ride for city streets or the ultimate damping for off-road mayhem, a quick spin of the dial lets you adjust each shock to the exact performance specifications you desire.

Rough Country's Nitrogen-charged Vertex Shocks feature a monotube design with an external reservoir for increased oil capacity and damping sensitivity. Each shock features a massive 2.5in diameter piston and a high-flow 22mm chrome hardened piston rod that simply dwarfs the competition. When it comes to investing in a high-end shock, you'll be pleased to find that Rough Country's 2.5in piston design is beefier and offers an impressive 56% greater fluid capacity than the average reservoir shock.

A 3-stage, fortified seal system ensures your Vertex shocks keep kicking while the beautifully designed honed steel body offers a long lifespan of reliable performance and killer good looks. This shock is designed to be a true eye-catcher, with a beautiful silver finish, laser-etched RC logo, matching "Vertex" decals, and CNC-machined Billet Aluminum accents. Rear shocks feature a durable bracket system with laser-etched logo and a premium braided steel reservoir line.

Includes an Industry-leading 3-year Warranty!

### Features:

- 8-Stage Adjustable Damping
- Monotube Design
- Nitrogen-Charged
- Remote Reservoir with Steel Braided Reservoir Line
- Massive 2.5in Piston
- 20mm Chrome-Hardened Piston Rod
- 22mm Chrome-Hardened Piston Rod
- Specifically Tuned for Each Application
- 3-Stage Seal System
- Heat-Treated, Alloy Bearing
- Honed Steel Body
- CNC-Machined Billet Aluminum Accents
- Zinc Plate Finish with Double Clear Coat
- Incredible >400 Hour Salt Spray Rating





## Vertex:

Rough Country's 2.5 Vertex 8-Stage Adjustable Reservoir Shocks - the pinnacle of off-road performance and smooth ride quality in an affordable package. These high-performance reservoir shocks offer an elite ride-quality in every situation you face, with an 8-stage adjustable damping system that lets you perfectly dial-in your ride for whatever lies ahead. Each shock features a massive 2.5in diameter piston that simply dwarfs the competition, while a 3-stage, fortified seal system and honed steel body ensures your Vertex Shocks provide a long lifespan of reliable performance and killer good looks.



## Overview

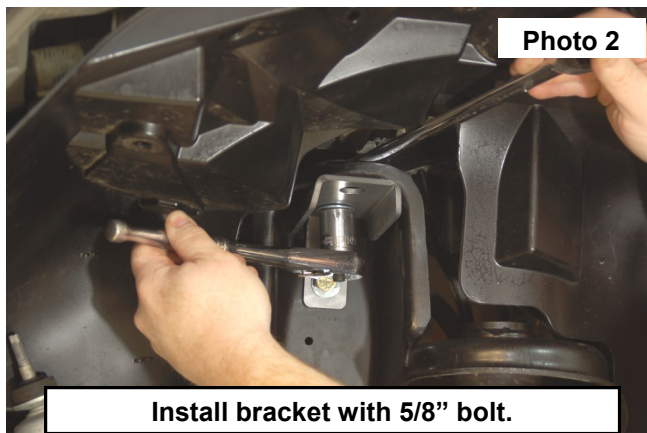
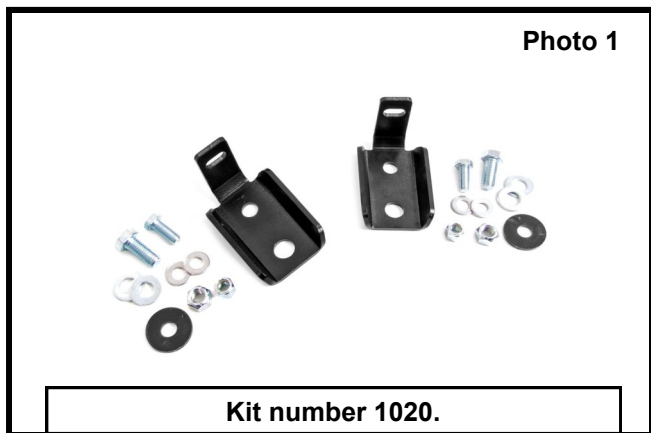
- Elite ride-quality.
- Nitrogen-charged.
- 8-stage adjustable damping system.
- 2.5in diameter piston.
- High-flow 20mm chrome hardened piston rod for the Jeep applications.
- High-flow 22mm chrome hardened piston rod for the truck applications.
- Dial-in your ride for whatever lies ahead.



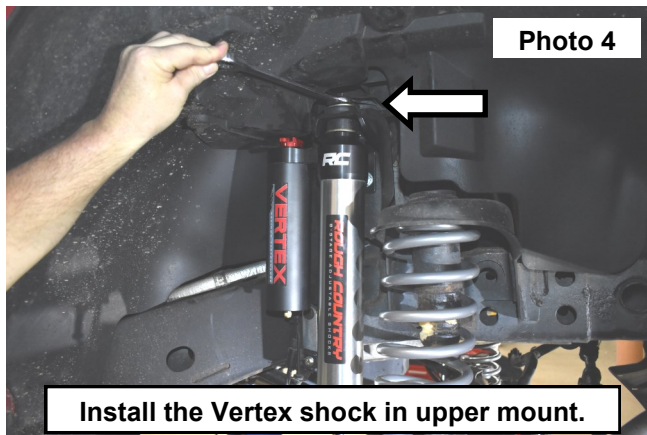
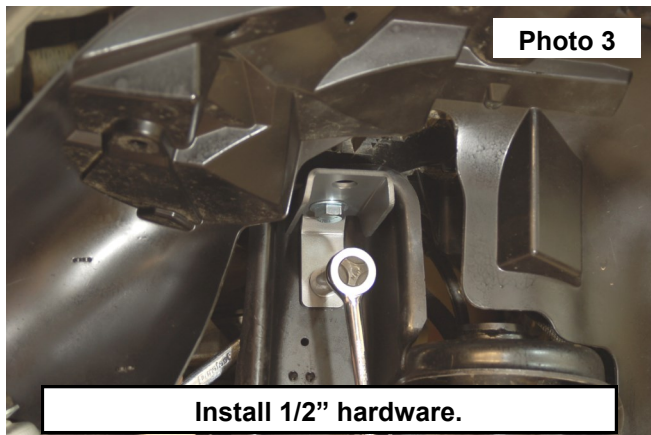
## INSTALLATION INSTRUCTIONS

Before installing the Rough Country Vertex Shocks for the front of your Jeep JK. Kit number 1020 shock relocation brackets must be installed to prevent damage to the shock mount and the Vertex shock body pictured in **Photo 1**.

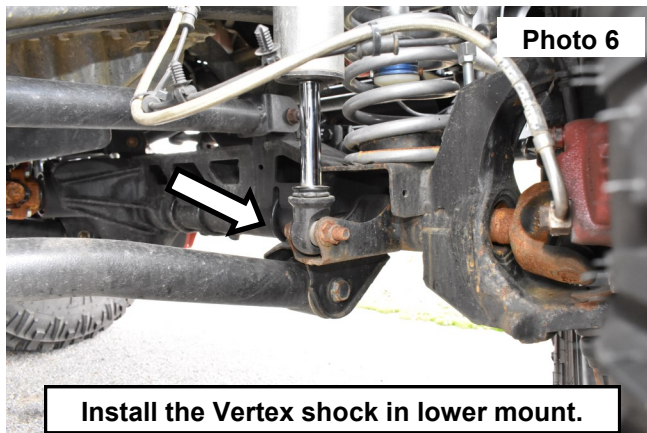
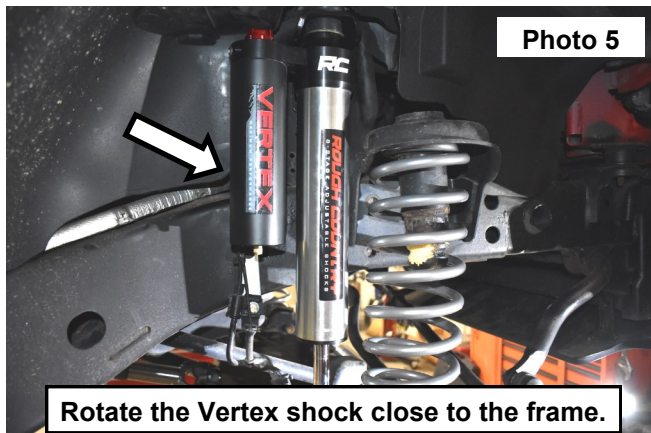
1. Locate the shock relocation bracket and position on the inside of the factory upper shock tower. Apply thread-lock and insert the 5/8" x 1.5" bolt and washer into the rear hole of the relocation bracket through the factory shock mount hole. Place the 5/8", thick washer and nut on top of the shock tower. Torque to 135 ft-lbs. using a 15/16" socket and wrench. **See Photo 2.**



2. Apply thread lock to the 1/2" hardware and place the 1/2" x 1.25" bolt and washer through the slotted hole in the relocation bracket and the factory hole in the side of the shock tower. Insert 1/2" washer and nut on the back side of the shock tower and Torque to 65 ft-lbs. using with a 3/4" socket and wrench. **See Photo 3.**
3. Install the Rough Country Vertex shock as shown in **Photo 4** with the supplied stud bushings, cup washers and nuts. Tighten until the bushings bulge, using a 17mm wrench.



4. Make sure that the reservoir on the shock has been rotated as shown close to the frame. **See Photo 5.**
5. Install the Rough Country Vertex shock in the lower mount with the factory hardware. Torque to 60 ft-lbs. using a 18mm wrench and socket. **See Photo 6.**
6. **Repeat steps 1-5 for opposite side.**





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.

