

# **TOYOTA 10-23 4Runner Rear Vertex**

### Thank you for choosing Rough Country for your suspension needs.

Rough Country recommends a certified technician install this system. In addition to these instructions, professional knowledge of disassemble/reassembly procedures as well as post installation checks must be known. Attempts to install this system without this knowledge and expertise may jeopardize the integrity and/or operating safety of the vehicle.

Please read instructions before beginning installation. Check the kit hardware against the parts list on the rear cover of these instructions. Be sure you have all needed parts and know where they go. Also please review tools needed list and make sure you have needed tools.

#### PRODUCT USE INFORMATION

AWARNING
As a general rule, the taller a vehicle is, the easier it will roll. Seat belts and shoulder harnesses should be worn at all times. Avoid situations where a side rollover may occur. Generally, braking performance and capability are decreased when larger/heavier tires and wheels are used. Take this into consideration while driving. Do not add, alter, or fabricate any factory or after-market parts to increase vehicle height over the intended height of the Rough Country product purchased. Mixing component brands is not recommended.

Rough Country makes no claims regarding lifting devices and excludes any and all implied claims. We will not be responsible for any product that is altered. If question exist we will be happy to answer any questions concerning the design, function, and correct use of our products.

The electric power steering must be unplugged before any of the steering components are removed. Failure to do so may cause damage to the electric power steering.

↑ NOTICE Trucks equipped with a mass damper on the front diff, the damper will have to be removed.

# ▲ NOTICE DEALER AND VEHICLE OWNER

Any vehicle equipped with any Rough Country product should have a "Warning to Driver" decal installed on the inside of the windshield or on the vehicle's dash. The decal should act as a constant reminder for whoever is operating the vehicle.

KIT CONTENTS: Driver Side Vertex x1 Pass Side Vertex x1

## **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. Place the lower bushing stack onto the stim of the shock. **NOTE:** Flange lip washer on top. **See Photo 1.**
- 2. Install the shock in the upper mount, placing the upper bushing and cup washer onto the shock. Secure using the supplied nylock nut. **See Photo 2.**





- 3. Remove the band from the shock and install the shock onto the lower axle mount. Secure and tighten using the retained OE hardware. **See Photo 3.**
- 4. Tighten the upper shock mount. See Photo 4.





- 5. Place the clamp onto the shock and the remote reservoir. See Photo 5.
- 6. Secure the reservoir to the desired position. Make sure suspension travel will not interfere with the location of the reservoir and tighten the clamp. **See Photo 6.**





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.