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# Rough Country 699005 Installation Instructions

Vertex 2.5 Adjustable Rear Shocks for Ford F-250 4WD (2005-2025)

Part number: 699005

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690005

ROUGH COUNTRY SUSPENSION SYSTEMS®

# Ford 05-18 F250 Rear Vertex 2.5 8 Step Adjustable Shock

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

Rough Country recommends a certified technician installs 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 all the instructions before beginning the installation. Check the kit hardware against the parts list. Be sure you have all the needed parts and understand where they go. Also please review the tools needed list and make sure you have needed tools.

## PRODUCT USE INFORMATION

**⚠WARNING** Braking performance and capabilities are decreased when significantly larger/heaver tires and wheels are used. Take this into consideration while driving. Also, speedometer recalibration is necessary when larger tires are installed.

Do no add, alter, or fabricate any factory or after-market parts which increase vehicle height over the intended height of the Rough Country product purchased. Mixing component brands, lifts, and/or combining body lift with suspension lifts voids all warranties. 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.

**⚠NOTICE** **NOTICE TO DEALER AND VECHICLE OWNER**

Any vehicle equipped with any Rough country product must have the "Warning to Driver" decal installed on the sun visor or dash. The decal is to act as a constant reminder for whoever is operating the vehicle of its unique handling characteristics. **INSTALLING DEALER**—It is your responsibility to install the warning decal and to forward these installation instructions on too the vehicle owner for review and to be kept in the vehicle for its service life.

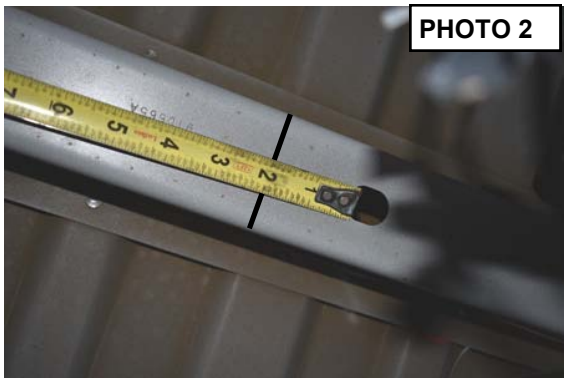
**Kit Contents:**
1-Vertex 2.5 Adj Shock
1-14mm ID Sleeve (17-18 Models)
1-12mm ID Sleeve (05-16 Models)

**Tools Needed:**
15mm wrench
18mm wrench
19mm wrench

### INSTALLATION INSTRUCTIONS

1. Remove the rear shocks from the upper and lower mounts. Retain hardware for reuse.
2. Un-clip the push pins holding the wiring harness to the underside of the bed. **See Photo 1.**
3. Using the current mounting hole, measure 2" (towards the inside of the truck) and mark. **See Photo 2.**


PHOTO 1


PHOTO 2

4. Using a 3/8” drill, carefully drill a new hole through the bed support only. **See Photo 3.**
5. Secure the wiring harness using a wire tie. **See Photo 4.**







6. Install the supplied Vertex 2.5 Shocks in the upper mounts using the factory hardware and 18mm wrenches.
7. **2005-2016 models will use the supplied 12mm ID sleeve in the lower mount and 2017-18 models will use the supplied 14mm ID sleeve in the lower mount.**
8. Install the Vertex shock in the lower mount using the factory hardware and a 15mm wrench and a 19mm wrench.
9. Torque all hardware to factory specs.

**Post Installation**

1. Check all fasteners for proper torque. Check to ensure there is adequate clearance between all rotating, mobile, fixed and heated members. Check steering for interference and proper working order. Test brake system.
2. Re torque all fasteners after 500 miles. Visually inspect components and re-torque fasteners during routine vehicle service.

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.