TRAIL FORTRESS

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Rough Country 6603 Installation Instructions

Steering Block for Dodge and Ford 4WD Trucks (1970–1993)

Part number: 6603

trailfortress.com/rough-country-steering-block-6603

Scan for fitment, price and install help



Steering Block for Dana 44 Axle

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

Professional knowledge of disassemble/reassembly procedures as well as post installation checks must be known. Attempts to install these wheel spacers without this knowledge and expertise may jeopardize the integrity and/or operating safety of the vehicle.

Please read instructions before beginning installation.

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:

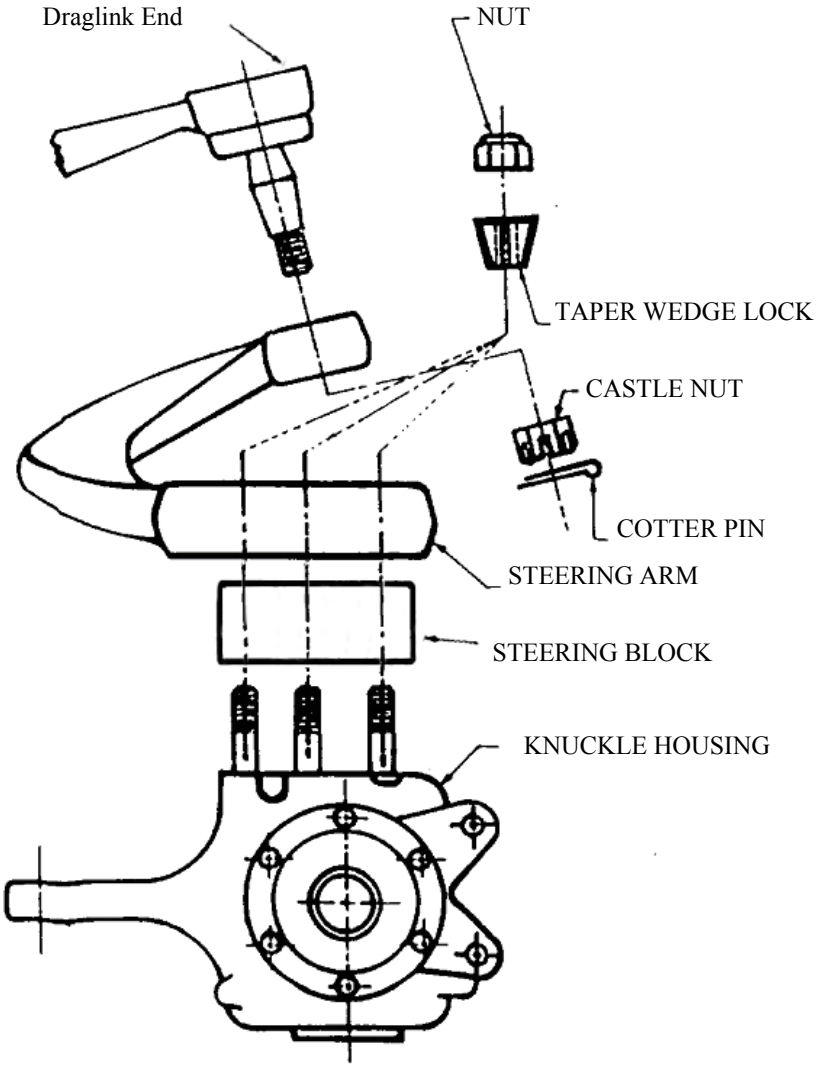
1-Steering Block
3-Studs
3-Locking Nuts



INSTALLATION INSTRUCTIONS

1. Park the vehicle on a smooth, level concrete or asphalt surface. Block the rear wheels. Raise the front of the vehicle with a floor jack and support with jack stands.
2. Remove the front wheels. Disconnect the drag link from the steering arm by removing the cotter pin. Loosen the nut several turns, and softly tap the nut with a hammer until the tapered stud comes loose from the arm.
3. Remove the three nuts that hold the steering arm to the knuckle housing. It will be necessary to softly tap the steering arm with a hammer to loosen the tapered locks to remove the arm.
4. Remove the factory studs, with a stud puller, or remove using two nuts on each stud as a jam nut.
5. Clean the mounting surface thoroughly, apply a liberal amount of thread locking compound to the stud to knuckle threads. Install the new studs and torque to 110 ft. lbs.
6. Install the new Rough Country steering block, place the steering arm on top of the steering block. Insert the factory slip locks and new nuts supplied in the kit. Torque the nuts to 90 ft/lbs.
7. Inspect drag link assembly. If the drag link is worn out or the grease boot is torn, replace the entire assembly. Install the drag link assemble into steering arm but do not tighten nut completely. It may be necessary to adjust the drag link to achieve full turning from stop to stop without binding the assembly.
8. Replace the wheels and lower the truck to the ground. Set the front wheels so that they are pointing straight ahead. Remove the drag link assembly from the steering arm.
9. Turn the steering wheel all the way from left to right, counting the number of turns. Turn wheel back to center using half the number of turns.
10. Adjust the drag link so that the stud fits freely into the steering arm. Tighten the nut and install the new cotter pin. Check the steering action again and make any minor adjustments if necessary.

INSTALLATION DIAGRAM



POST INSTALLATION INSTRUCTIONS

1. Check all fasteners for proper torque. Check to ensure there is adequate clearance between all rotating, mobile, fixed and heated members. Check steering gear for interference and proper working order.
2. Perform steering sweep. Check to ensure brake hoses have sufficient slack and will not contact rotating, mobile, or fixed members, adjust lines/brackets to eliminate interference and maintain proper working order. Failure to perform inspections may result in component failure.
3. Re torque all fasteners after 500 miles. Visually inspect components and re torque fasteners during routine vehicle service.
6. Check turning clearances. Making sure all parts allow for full turning radius.

MAINTENANCE INFORMATION

It is the ultimate buyers responsibility to have all bolts/nuts checked for tightness after the first 100 miles and then after every 1000 miles. Wheel alignment steering system, suspension and driveline systems must be inspected by a qualified professional mechanic at least every 3000 miles.

THANK YOU FOR CHOOSING ROUGH COUNTRY FOR YOUR SUSPENSION AND OFF ROAD NEEDS.

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