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Rough Country 5089.1 Installation Instructions

CV Drive Shaft for 1998–2011 Ford Ranger and Mazda 4WD

Part number: 5089.1

trailfortress.com/cv-drive-shaft-ford-ranger-and-mazda-4wd-rough-country-5089-1

Scan for fitment, price and install help

92RC5089

ROUGH COUNTRY
SUSPENSION SYSTEMS®

Ford 1998-11 Ranger Driveshaft Installation Instructions

Rough Country recommends a certified technician installs this component. In addition to these instructions, professional knowledge of disassemble/reassembly procedures as well as post installation checks must be known. Attempts to install this component 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. Be sure you have all the needed parts and understand where they go. If you have any questions please call us at 800-222-7023. Make sure the drive shaft does not pull apart at the splines while installing, this can cause the driveshaft to become out of balance and vibrate after installation.

⚠WARNING Make sure the drive shaft does not pull apart at the splines while installing, this can cause the driveshaft to become out of balance and vibrate while on the jeep.

Tools Needed
T40
12mm 12pt Socket
13mm Socket
Rubber Mallet
Loc-tite
Torque Wrench
Grease Gun
Grease Needle



Transfer Case Yoke

PRODUCT USE INFORMATION

1. Remove the driveshaft from the front differential using a T40. **See Photo 1.**
2. Remove the driveshaft from the transfer case yoke.
3. Remove the yoke from the transfer case using a 12mm 12-point socket.
4. Install the supplied driveshaft yoke in the transfer case using the supplied 8mm x 25mm bolts and 5/16" washers. Use a thread locker on these bolts. Torque to 45ft-lbs using a 13mm socket. **See Photo 2.**

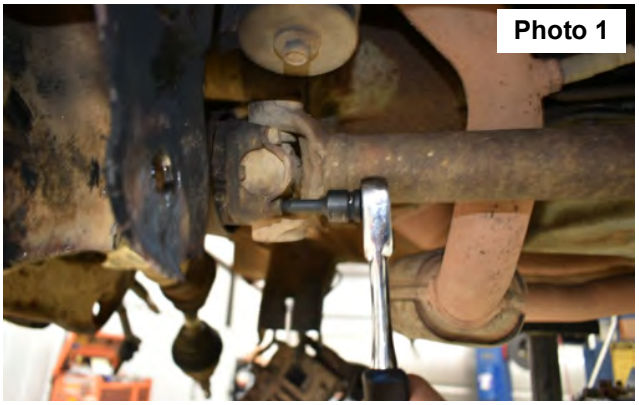


Photo 1

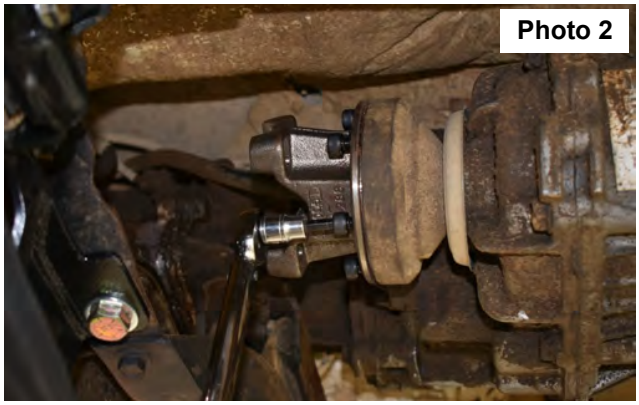
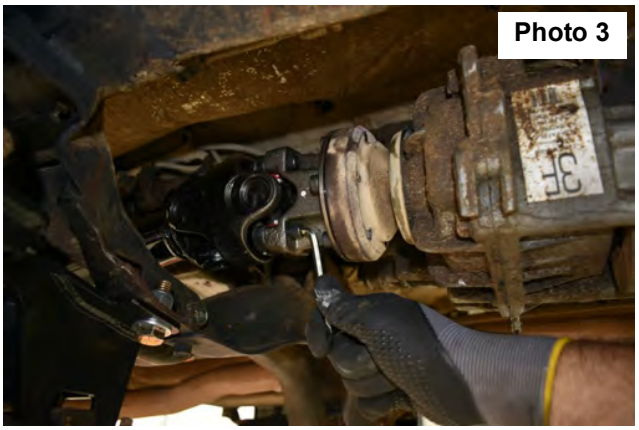


Photo 2

5. Before installing the new driveshaft, inspect to make sure all grease fittings and snap rings are in place. **Do not install if the snap rings are damaged or missing. Make sure all clips are properly engaged on the u-joints**.
6. When installing the u-joint to the CV yoke make sure the cap of the u-joint is seated between the two centering lugs on the yoke. Apply loc-tite on the CV bolts and torque to specifications. After install, make sure the cap is pulled up tight into the radius of the yoke. You should not see a gap between the cap and yoke after installing.
7. Attach the supplied driveshaft to the transfer case yoke using the supplied hardware. **See Photo 3.**
8. Attach the driveshaft to the differential using the factory hardware. **See Photo 4.**





Fitment / Maintenance

Items to check to ensure optimum drive-shaft operating conditions.

- Torque Bolts or u-joint straps to correct specifications. Note: It is recommended to replace the factory u-joint straps. Over time the straps stretch and allow movement on the u-joint and could lead to damage or u-joint/driveshaft failure.
- Periodic greasing maintenance must be performed. Grease the driveshaft after it has been installed and then every 6,000 miles. The drive shaft can also be greased after being exposed to extreme dirt and water. Make sure you use a good quality grease with a temperature rating above 250 degrees Fahrenheit. Greasing the driveshaft is a way of cleaning the internal parts of the u-joints and slip splines. Slowly pump grease into each fitting until you see a small amount of clean grease pass through the rubber seal. A grease needle will be needed to adapt the grease gun for the shorter check ball fittings.
- Ensure all snap rings if applicable are locked in place.
- Make sure the driveshaft is operating as it should with the proper driveline angles.
- Periodically inspect the driveshaft after off road use.
- Always check fitment of driveshaft!! If shaft is totally compressed upon installation, check to make sure all arms are adjusted to the specified lengths and all components are seated correctly. Adjust components as needed. Make sure the shaft has movement in the slip yoke to avoid damaging driveshaft components. Running the shaft at full collapse or full extension could cause premature wear and possible driveshaft failure.





Thank you for choosing a Rough Country drive shaft.

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