TRAIL FORTRESS

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Rough Country 1117 Installation Instructions

Rear Shackle Relocation Kit for 1984–2001 Jeep Cherokee XJ

Part number: 1117

trailfortress.com/rear-shackle-relocation-kit-jeep-cherokee-xj-rough-country-1117

Scan for fitment, price and install help



84-01 XJ CHEROKEE SHACKLE RELOCATION KIT

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 and make sure you are confident about undertaking this installation. If you have any questions about the installation of this kit, call Rough Country at 800-222-7023.

PRODUCT USE INFORMATION

As a general rule, the taller a vehicle is the easier it will roll. We strongly recommend, because of rollover possibility, Seat belts and shoulder harnesses should be worn at all times. Avoid situations where a side rollover may occur.

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 not 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, 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.

This shackle relocation kit lifts the rear of the vehicle approx 1" to 1-1/2" . The addition of a taller coil or coil spacers in the front is recommended to level the vehicle and is available from Rough Country. Ask your dealer for details. Additionally exhaust modifications will be required to provide adequate clearance on shackle bracket. Shocks with additional travel may also ne needed to achieve full suspension travel.

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.

TOOLS NEEDED:

5/8" Socket / Wrench	**Hydraulic Floor Jacks**
10mm Socket / Wrench	**Heavy Duty Jack Stands**
19mm Socket / Wrench	**Wheel Chocks (Wooden Blocks)**
21mm Socket / Wrench	**Safety Glasses**
22mm Socket / Wrench	

If question exist we will be happy to answer any questions concerning the design, function, and correct use of our products. Please call us at 800-222-7023. The required installation time for this kit is 2-3 hours.

INSTALLATION INSTRUCTIONS

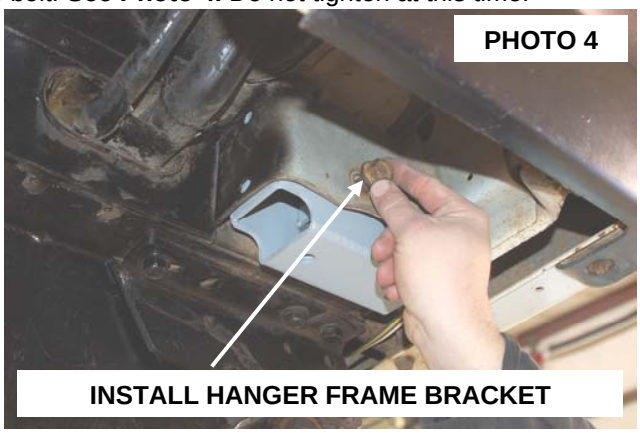
1. Chock the front wheels.
2. Jack up the vehicle.
3. Support the vehicle with jack stands.
4. Remove wheels/ tires.
5. Remove the 4 bolts from the filler neck guard with a 10mm socket. Retain hardware for reuse. **See Photo 1 & 2.**
6. Remove Fuel Filler guard and set aside.
7. Place jack under axle for support.





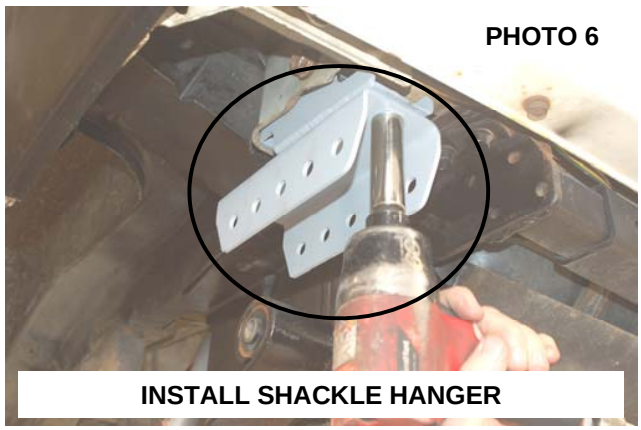
8. Remove the lower shackle bolt with a 21mm wrench & remove the upper shackle bolt with a 21 mm wrench. **See Photo 3.**
9. Lower axle and remove the shackle.
10. Install the new hanger bracket with the O.E. upper shackle bolt. **See Photo 4.** Do not tighten at this time.



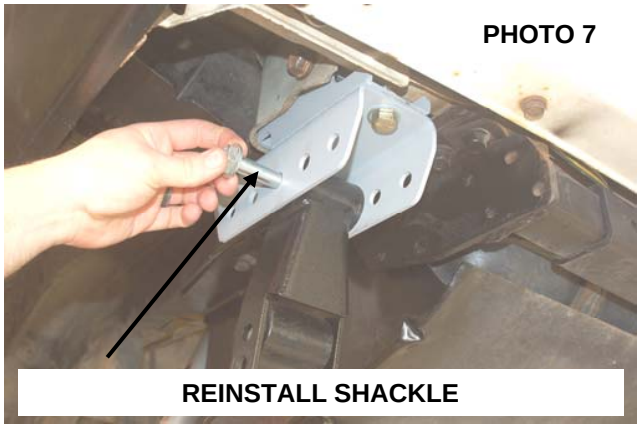


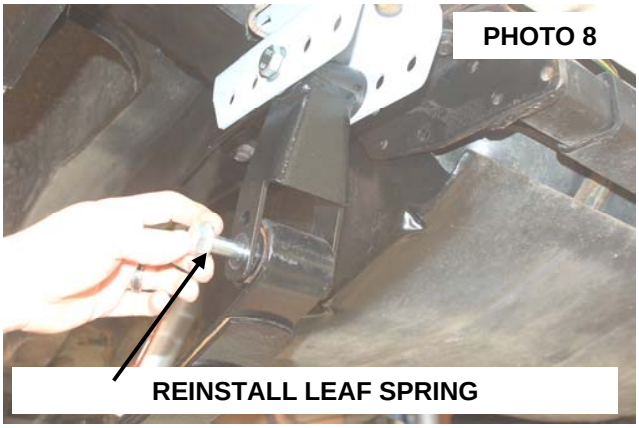
11. Install the flag nut plate with the longer tab to bottom as shown with supplied 7/16” x 1 1/4” bolt and flat washer. **See Photo 5.** Tighten using 5/8” wrench.
12. Torque all bolts at this time.
13. Reinstall Fuel Filler Guard with OE Hardware. **DO NOT OVER-TORQUE.**
14. Install the new hanger with the supplied 1/2” X 1 1/4” bolt and flat washers. **See Photo 6.**





15. Tighten 1/2 inch hardware with 19mm or 3/4” socket / wrench.
16. Install the shackle with the supplied 14mm x 110mm bolt, washer and lock nut. **See Photo 7.** Do not tighten at this time.
17. Install spring into shackle using supplied 14mm x 110mm Bolt, washers and lock nut. **See Photo 8.** Do not tighten at this time.

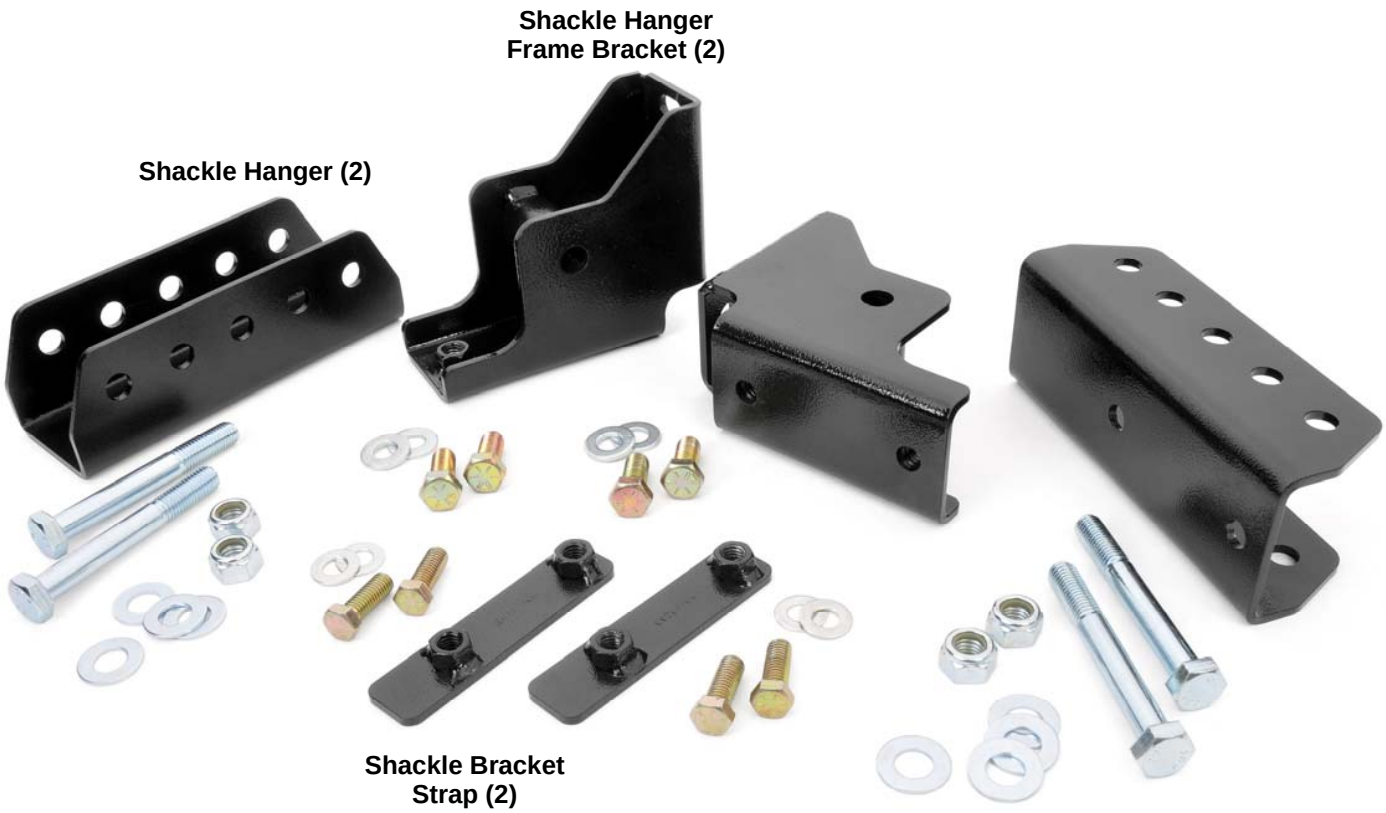




18. Reinstall wheels / tires
19. Remove jack stands
20. Place vehicle on ground.
21. Torque shackle and spring bolts to factory specifications using a 22mm socket / wrench.

Front 1 1/2” Spacers Available….Part # 7594





KIT CONTENTS:

- **2-SHACKLE HANGER BRACKETS**
- **2-SHACKLE RELOCATION BRACKETS**
- **2-FLAG NUT BRACKETS**
- **1-POLY BAG**

POLY BAG CONTENTS:

- **4-7/16" X 1 1/4" BOLTS**
- **4-7/16" FLAT WASHERS**
- **4-1/2" X 1 1/4" BOLTS**
- **4-1/2" FLAT WASHERS**
- **4-14MM X 110MM BOLTS**
- **8-14MM FLAT WASHERS**
- **4-14MM LOCK NUTS**

POST INSTALLATION INSTRUCTIONS

1. Check all fasteners for proper torque.
2. Have headlight readjusted to proper settings.
3. Take the vehicle to be aligned to factory specifications by a certified alignment shop.
4. Re torque all fasteners after 500 miles. Visually inspect components and re torque fasteners during routine vehicle service.

MAINTENANCE INFORMATION

It is the ultimate buyers responsibility to have all bolts/nuts checked for tightness after the first 100 miles and then every 100 miles. A qualified mechanic must inspect wheel alignment steering system, suspension and driveline systems at least every 3000 miles.

Thank you for purchasing a Rough Country Suspension System.