



EZ - Ride Suspension

PART NUMBER : 41806
1997 — 2002 JEEP TJ WRANGLER
SWAY BAR QUICK DISCONNECT

PARTS LIST:

Part #	Description	Qty.
41806-01	Driver Side Quick Disconnect	1
41806-02	Passenger Side Quick Disconnect	1
41806HB	Hardware Bag	1
41806INST	Instruction Sheet	1

Congratulations on your selection to purchase a Tuff Country EZ-Ride Suspension System. We at Tuff Country are proud to offer a high quality product at the industries most competitive pricing. Thank you for your confidence in us, and our product.

Before installation begins, it is the customers/installers responsibility to make sure that all parts are on hand. If any parts are missing, please feel free to call one of our customer service representative @ (800) 288-2190.

Make sure to use locktite on all new and stock hardware associated with this installation.

It is the responsibility of the installers to make sure that the rear view mirror hanger is hung from the rear view mirror. The rear view mirror hanger has instructions on proper post installation procedures.

Torque Settings

5/16"	15—18 ft lbs.
3/8"	28—32 ft lbs.
7/16"	30—35 ft lbs.
1/2"	65—85 ft lbs.
9/16"	85—120 ft lbs.
5/8"	95—130 ft lbs.
3/4"	100—140 ft lbs.

INSTALLATION MANUAL QUICK DISCONNECT JEEP TJ WRANGLER 1997 — 2002 PART # 41806

Tuff Country EZ-Ride Suspension highly recommends that a qualified and or certified mechanic performs this installation.

If you desire to return your vehicle to stock, it is the customers responsibility to save all stock hardware.

IMPORTANT CUSTOMER INFORMATION

This vehicles reaction and handling characteristics may differ from standard cars and/or trucks. Modifications to improve and/or enhance off road performance may raise the intended center of gravity. Extreme caution must be utilized when encountering driving conditions which may cause vehicle imbalance or loss of control. **DRIVE SAFELY!** Avoid abrupt maneuvers, such as sudden sharp turns which could cause a roll over, resulting in serious injury or death.

It is the customers responsibility to make sure that a re-torque is performed on all hardware associated with this suspension system after the first 500 miles of installation. It is also the customers responsibility to do a complete re-torque after every 3000 miles or after every off road use.

After the original installation, Tuff Country EZ-Ride Suspension also recommends having the alignment check every 6 months to ensure proper tracking, proper wear on tires and front end components. Tuff Country EZ-Ride Suspension take no responsibility for abuse, improper installation or improper suspension maintenance.

It is the responsibility of the customer or the mechanic to wear safety glasses at all times when performing this installation.

It is the customers/installers responsibility to read and understand all steps before installation begins. OEM manual should be used as a reference guide.

The Tuff Country EZ-Ride Suspension product safety label that is included in your kit box must be installed inside the cab in plain view of all occupants.

LIMITED LIFETIME WARRANTY

Notice to all Tuff Country EZ-Ride Suspension customers: It is your responsibility to keep your original sales receipt! If failure should occur on any Tuff Country EZ-Ride Suspension component, your original sales receipt must accompany the warranted unit to receive warranty. Warranty will be void if the customer can not provide the original sales receipt. Do not install a body lift in conjunction with a suspension system. If a body lift is used in conjunction with any Tuff Country EZ-Ride Suspension product, your Tuff Country EZ-Ride Suspension **WARRANTY WILL BE VOID**. Tuff Country Inc. ("Tuff Country") suspension products are warranted to be free from defects in material and workmanship for life if purchased, installed and maintained on a non-commercial vehicle; otherwise, for a period of twelve (12) months, from the date of purchase and installation on a commercial vehicle, or twelve thousand (12,000) miles (which ever occurs first). Tuff Country does not warrant or make any representations concerning Tuff Country Products when not installed and used strictly in accordance with the manufacturer's instructions for such installation and operation and accordance with good installation and maintenance practices of the automotive industry. This warranty does not apply to the cosmetic finish of Tuff Country products nor to Tuff Country products which have been altered, improperly installed, maintained, used or repaired, or damaged by accident, negligence, misuse or racing. ("Racing is used in its broadest sense, and, for example, without regards to formalities in relation to prizes, competition, etc.) This warranty is void if the product is removed from the original vehicle and re-installed on that or any other vehicle. This warranty is exclusive and is in lieu of any implied warranty of merchantability, fitness for a particular purpose or other warranty of quality, whether express or implied, except the warranty of title. All implied warranties are limited to the duration of this warranty. The remedies set forth in this warranty are exclusive. This warranty excludes all labor charges or other incidental or consequential damages. Any part or product returned for warranty claim must be returned through the dealer of the distributor from whom it was purchased. Tuff Country reserves the right to examine all parts returned to it for warranty claim to determine whether or not any such part has failed because of defect in material or workmanship. The obligation of Tuff Country under this warranty shall be limited to repairing, replacing or crediting, at its option, any part or product found to be so defective. Regardless of whether any part is repaired, replaced or credited under this warranty, shipping and/or transportation charges on the return of such product must be prepaid by the customer under this warranty.

Special Note: Part # 41806 is to only be used on vehicle with a 2 - 4" lift. The quick disconnect will not work on stock vehicles. DO NOT use these disconnects with only one side connected.

1. Make sure that the vehicle is stable and can not roll forwards or backwards. Working on the driver side, remove the stock sway bar end link from the stock sway bar and discard the stock end link and the stock hardware. Repeat procedure on the passenger side.

2. Locate the new driver side sway bar quick disconnect. **Special Note: To tell the driver side quick disconnect from the passenger side quick disconnect, once installed on the vehicle, the sert fitting on the bottom of the quick disconnect will be facing towards the front of the vehicle.** Install the new driver side quick disconnect to the stock sway bar and secure using the new hardware. **Special Note: Make sure to install the new tapered sleeve into the stock sway bar.** Torque upper nut to 32 ft lbs. Repeat procedure on the passenger side.

See Illustration # 1

3. Locate (2) lower sway bar mounting studs. **Special Note: The lower sway bar mounting studs are the bigger of the two that are in the hardware bag.** Working on the driver side, secure the new lower sway bar mounting studs into the stock lower sway bar end links location. Torque to 85 ft lbs. **Special Note: When torquing the lower sway bar mounting stud, us the new pin for leverage.** Repeat procedure on the passenger side.

See Illustration # 2

4. Locate (2) large washers and (2) quick disconnect pins. Working on the driver side, attach the new sway bar quick disconnect to the lower stud and secure using the new large washers and quick disconnect pin. **Special Note: To make installation easier, use a lithium or moly base grease on the inside of the lower bushing, this will help the new quick disconnect slid over the lower stud.** Repeat procedure on the passenger side.

See Illustration # 3

Follow Step # 5 — 8 to secure the new quick disconnect out of the way when off roading.

5. Working on the driver side, disconnect the lower eye let of the quick disconnect. Push the new quick disconnect towards the front of the vehicle and hold it against the stock frame rail. Scribe a mark on the side of the stock frame rail in the center of the bushings.

See Illustration # 4

6. Carefully drill a 5/16" hole in the side of the stock frame where the mark was scribe in step # 5. Using a tap wrench and a 3/8" tap, thread the hole in the side of the frame rail. **Special Note: Take special care that the tap is perpendicular to the frame.**

7. Locate (1) quick disconnect securing stud. **Special Note: The securing stud is the smaller of the two studs.** Secure the securing stud into the side of the stock frame rail. **Special Note: Make sure to use thread locker or lock tite on the stub. Also for easier installation, use the quick disconnect pin to help tighten the quick disconnect stud to the side of the frame rail.**

See Illustration # 5

8. Once the quick disconnect securing stud is in place, you can attach the new sway bar end link up and out of the way. Secure the new sway bar end link with the large washer and quick disconnect pin to the quick disconnect securing stud.

See Illustration # 6

9. Repeat steps 5 — 8 on the passenger side.

Congratulations Installation Complete:

If you have any question and or concerns on the installation of the Quick Disconnects, please contact Tuff Country or your local Tuff Country dealer.

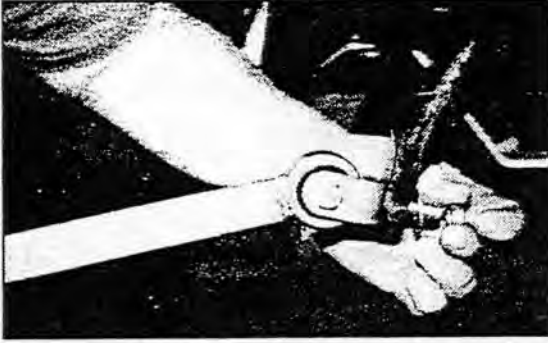


ILLUSTRATION # 1

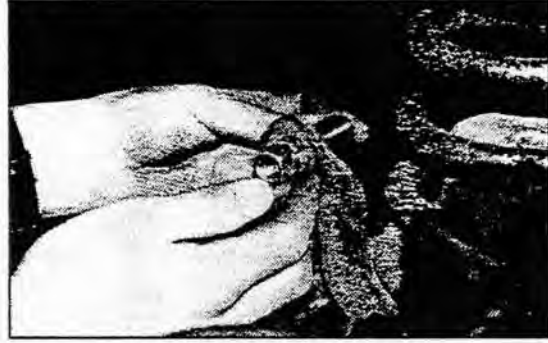


ILLUSTRATION # 2

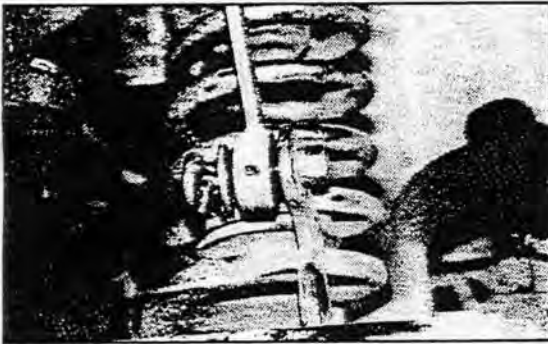


ILLUSTRATION # 3

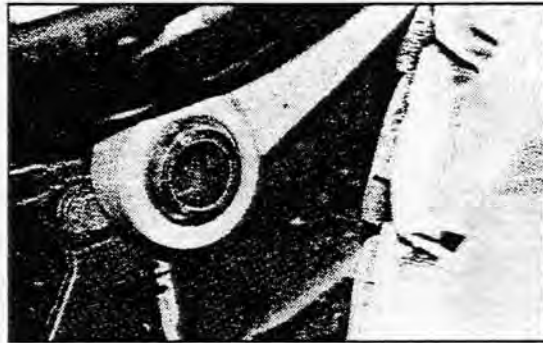


ILLUSTRATION # 4



ILLUSTRATION # 5



ILLUSTRATION # 6