



EZ - Ride Suspension

Part # 30927

1998 - 2012 Dodge Ram 2500 - 3500

1998 - 2001 Dodge Ram 1500

Replacement front sway bar end link

<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
30927NB1	Hardware bag	1
30927NB2	Hardware bag	1
30927INST	Instruction manual (installer copy)	1
30927INST	Instruction manual (customer copy)	1

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

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

Installation manual

Replacement front sway bar end link

1998 - 2012

Dodge Ram 2500-3500

1998 - 2001

Dodge Ram 1500

Part # 30927

sj02282013rev.05

Important customer information:

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

It is the responsibility of the customer/installer 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. If you have any questions or concerns, please contact our technical department @ (801) 280-2777. Also, the OEM manual should be used as a reference guide.

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 100 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.

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 of 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.

Important information that needs to be read before installation begins:

On some Dodge Ram 2500-3500 vehicles that were manufactured between 2003 - 2012 and have a Tuff Country EZ-Ride Suspension installed on their vehicle, may have installed an after market sway bar end link set up. If this is the case on the vehicle that you are working on, this part # will not work on your vehicle. Part # 30929 will be needed if the vehicle that you are working on has an after market sway bar end link set up.

Before installation begins, Tuff Country EZ-Ride Suspension highly recommends that the installer performs a test drive on the vehicle. During the test drive, check to see if there are any uncommon sounds or vibrations. If uncommon sounds or vibrations occur on the test drive, uncommon sounds or vibrations will be enhanced once the suspension system has been installed. Tuff Country EZ-Ride Suspension highly recommends notifying the customer prior to installation to inform the customer of these issues if they exist.

Make sure to use loctite on all new and stock hardware associated with the installation of this suspension system.

Special note: 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 representatives @ (801) 280-2777.

Hardware bag 30927NB1 includes:

<u>Description</u>	<u>Quantity</u>
12112CB (1/2" x 1 1/2" carriage bolt)	2
12212B (1/2" x 2 1/2" carriage bolt)	2
12UN (1/2" unitorque nut)	4
30927-01 ("U" bracket)	2
716WA (7/16" flat washer)	6
916WA (9/16" flat washer)	2
S10102 (.630" x .500" x .260" sleeve)	2
S10116 (hiem joint)	4
S10194 (conned sleeve)	4
S10195 (all thread sleeve)	2

Hardware bag 30927NB2 includes:

<u>Description</u>	<u>Quantity</u>
38WA (3/8" flat washer)	2
916UN (9/16" unitorque nut)	2
12WA (1/2" USS flat washer)	2
S10194 (conned washer)	2
S10196 (double threaded lower part)	2

Recommended tools selection:

- Torque wrench
- Standard socket set
- Standard wrench set
- Metric socket set
- Metric wrench set
- Tape measure
- Hydraulic floor jacks

Special note:

1. To begin installation, start on the driver side, remove the end link from the stock sway bar and the lower mount. The end link and all hardware may be discarded. Repeat procedure on the passenger side.

2. Block the rear tires of the vehicle so that the vehicle is stable and can't roll backwards. Safely lift the front of the vehicle and support the vehicle with a pair of jack stands. Place a jack stand on both the driver and the passenger side. Next remove the tires and wheels from both sides of the vehicle.

Step # 3 - 12 is on the driver side.

3. Locate (1) upper "U" style bracket and (1) 1/2" x 1 1/2" carriage bolt from hardware bag 30927NB1. Install the new carriage bolt into the new bracket.



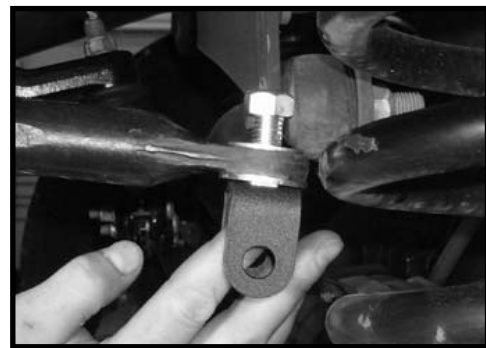
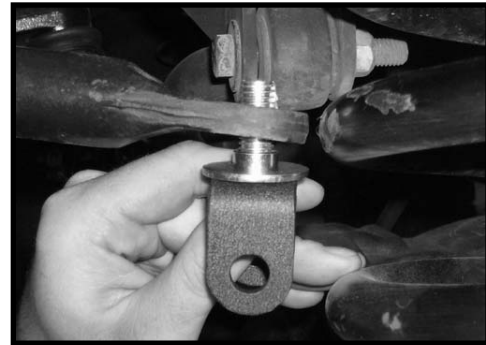
4. Locate (1) 9/16" flat washers from hardware bag 30927NB1 and install it on the new carriage bolt.



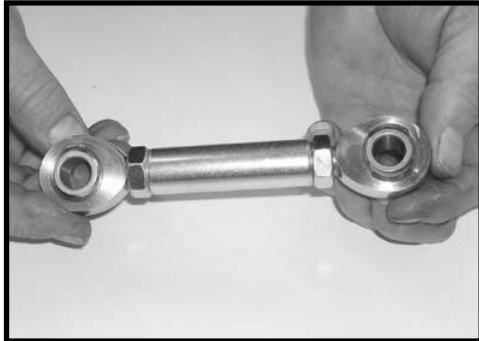
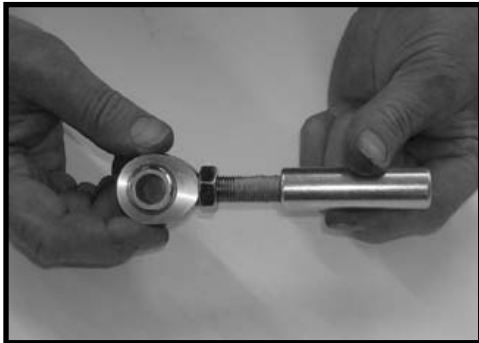
5. Locate (1) S10102 sleeve from hardware bag 30927NB1 and install it on the new carriage bolt.



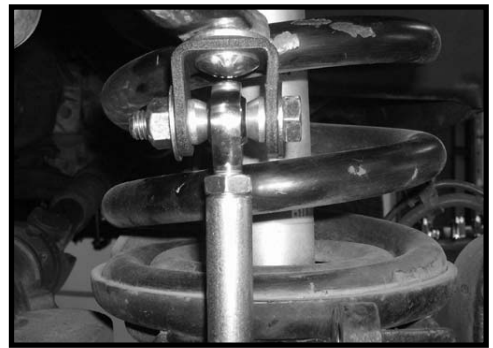
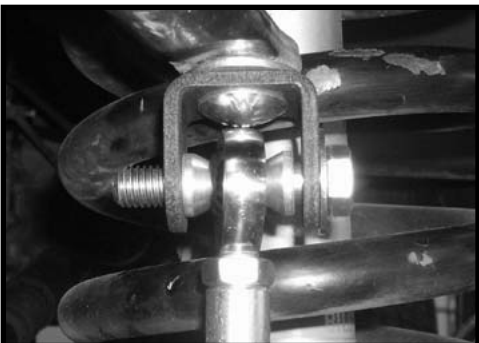
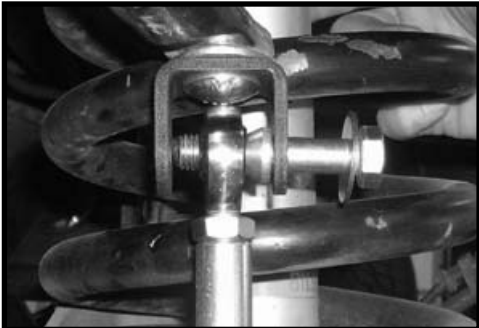
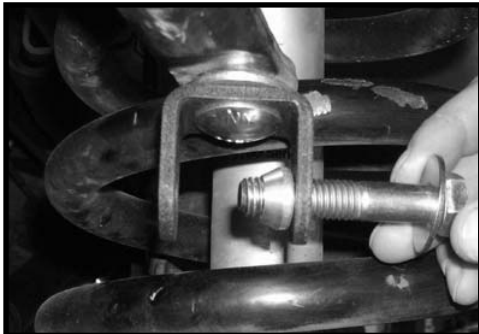
6. Locate (1) 7/16" flat washer and (1) 1/2" unitorque nut from hardware bag 30927NB1. Install the new bracket to the stock sway bar and secure using the new hardware. Make sure to use loctite and torque to 70 ft lbs. **Special note: Make sure that the S10102 sleeve goes up into the hole of the sway bar. Also, when torquing the carriage bolt down make sure that the bracket stays perpendicular to the frame rail.**



7. Locate (1) S10195 all thread sleeve and (2) S10116 hiem joints from hardware bag 30927NB1. Install the new hiem joints into each end of the new all thread sleeve.



8. Locate (1) 1/2" x 2 1/2" bolt, (2) 7/16" flat washers, (1) 1/2" unitorque nut and (2) S10194 coned sleeves from hardware bag 30927NB1. Install the new all thread sleeve and hiem joints to the upper bracket using the new hardware and coned washer. Make sure to follow the photo's to properly install the coned sleeves. Make sure to use loctite and torque to **70 ft lbs.**

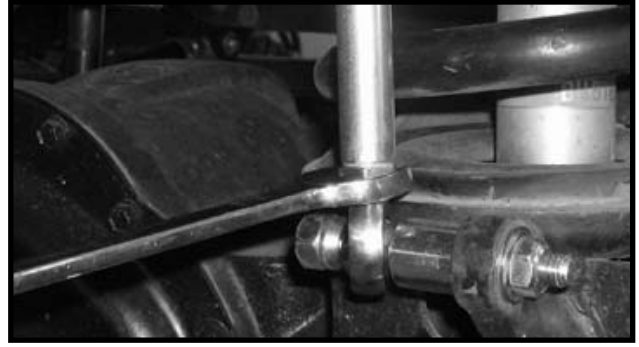


9. Using a 9/16" drill bit, carefully drill out the lower sway bar end link hole.



10. Locate (1) S10196 lower double sided threaded bracket, (1) 1/2" USS flat washers and (1) 9/16" unitorque nut from hardware bag 30927NB2. Install the new lower double side threaded bracket into the stock lower mount and secure using the new hardware. Make sure to use loctite and torque to **85 ft lbs. Special note: Use a 7/8" open ended wrench to hold the new lower bracket when torquing the 9/16" unitorque nut.**





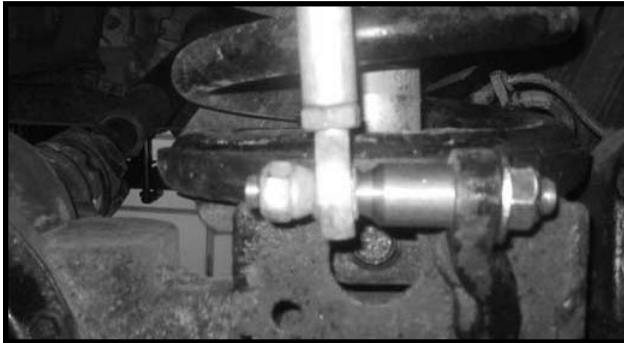
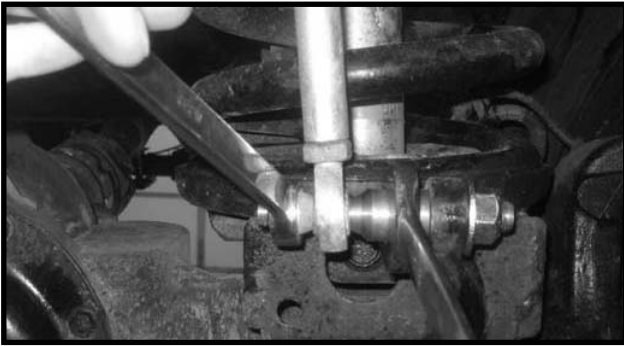
11. Locate (1) S10194 conned sleeves and (1) 1/2" unitorque nut from hardware bag 30927NB1. Install the new end link onto the previously installed lower double sided thread bracket. Now install the conned washer and secure the end link to the bottom bracket using the new 1/2" unitorque nut. Make sure to use loctite and torque to **55 ft lbs.** **Special note: Use a 7/8" open ended wrench to hold the new lower bracket when torquing the 7/16" unitorque nut.**

13. Repeat steps 3 - 12 on the passenger side of the vehicle.

14. Install the tires and wheels and carefully lower the vehicle to the ground.

Congratulations, installation complete!

If you have any questions or concerns about the install please feel free to contact our tech department at Tuff Country. (801) 280-2777



12. Move back to the nuts on the hiem joint and tighten up tight with the new center portion of the end link.