



**Installation manual**  
**Steering assist**  
**1988 - 2001**  
**Chevy or GMC 1500**  
**Part # 10807**

sj121007rev.01

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**Steering assist**

<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
C4I-104	Steering assist bracket	1
10807NB	Hardware bag	1
10807INST	Instruction manual	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.**

**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.**

**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.**

**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.**

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

### 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:

This part # only works on vehicles equipped with a Tuff Country UCA relocation bracket system. If the vehicle that you are working on does not fit this criteria, please stop installation and call Tuff Country's tech department @ (801) 280-2777.

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 thread locker or lock tite 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 10807NB includes:

<u>Description</u>	<u>Quantity</u>
PB2408 (poly bushing)	4
S10081 (.875" x .563" x 2.080" sleeve)	2
SERT (sert fitting)	2
9163B (9/16" x 3" bolt)	2
12WA (1/2" USS flat washers)	2

Recommended tools selection:

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

### **Steering assist installation:**

1. To begin installation, 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 frame with a pair of jack stands. Place a jack stand on both the driver and the passenger side. Next, remove the front wheels and tires from both sides.

2. Working on the driver side, loosen but do not remove the stock nut holding the Tuff Country center link to the pitman arm. Carefully break the taper on the stock pitman arm and the Tuff Country center link.

3. Working on the passenger side, loosen but do not remove the stock nut holding the Tuff Country center link to the idler arm. Carefully break the taper on the stock idler arm and the Tuff Country center link.

4. Locate the new steering assist. Also, locate (4) PB2408 poly bushings, (2) S10081 sleeves and (2) sert fittings. Install the new bushings and sleeve into the new steering assist. **Special note: Make sure to use a lithium or moly base grease when installing the new bushings and sleeves into the new steering assist. This will help increase the life of the bushings as well as prevent squeaking.** Now install the new sert fittings into each end of the new steering assist. **Special note: The new sert fittings are pound in fittings, take special care not to damage during installation.**

5. Locate (2) 9/16" x 3" bolts and (2) 1/2" USS flat washers. Install the new steering assist to the Tuff Country center link and secure using the new 9/16" x 3" bolt and 1/2" USS flat washer. **Make sure to use thread locker or lock tite. Special note: We do not want to tighten this bolt right now, just get the bolt started into the Tuff Country center link.** Now install the other eyelet of the new steering assist to the Tuff Country front cross member and secure using the new 9/16" x 3" bolt and 1/2" USS flat washer. **Make sure to use thread locker or lock tite.** Now that the steering assist is attached to the Tuff Country front cross member and the center link, start to tighten one 9/16" bolt one full turn then move to the other 9/16" bolt and tighten one full turn until both bolt are torque to **85 ft lbs.**

6. Move back to the stock nut on the pitman arm and idler arm and torque the stock nuts to **110 ft lbs.**

7. Carefully lower the vehicle to the ground.

**Congratulations, installation complete!**

**Special note: After the completion of the installation, Tuff Country EZ-Ride Suspension recommends taking the vehicle to an alignment shop and having a proper front end alignment performed.**

**Tuff Country EZ-Ride Suspension recommends that a complete re-torque is done on all bolts associated with this suspension system. 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. Neglect of following these steps could cause brackets to come loose and cause serious damage to the suspension system and to the vehicle.**

**If you have any questions or concerns, please feel free to contact Tuff Country or your local Tuff Country dealer.**