

Limited lifetime warranty	Important infor installation beg
Notice to all Tuff Country EZ-Ride Suspension	
customers: It is your responsibility to keep your	Tuff Country EZ
original sales receipt! If failure should occur on any	er torsion bar u
Tuff Country EZ-Ride Suspension component, your	this installation
original sales receipt must accompany the warranted	your local GM c
unit to receive warranty. Warranty will be void if the	,
customer can not provide the original sales receipt. Do	Tuff Country re
not install a body lift in conjunction with a suspension	Bar Keys in con
system. If a body lift is used in conjunction with any	suspension sy
Tuff Country EZ-Ride Suspension product, your Tuff	installed with a
Country EZ-Ride Suspension WARRANTY WILL BE	system your Wa
VOID. Tuff Country Inc. ("Tuff Country") suspension	
products are warranted to be free from defects in	Due to variatior
material and workmanship for life if purchased,	tion, longer sho
installed and maintained on a non-commercial vehicle;	tion, longer she
otherwise, for a period of twelve (12) months, from the	Before installa
date of purchase and installation on a commercial	Suspension hi
vehicle, or twelve thousand (12,000) miles (which ever	performs a test
occurs first). Tuff Country does not warrant or make	drive, check to
any representations concerning Tuff Country Products	or vibrations. If
when not installed and used strictly in accordance	on the test drive
with the manufacturer's instructions for such	be enhanced o
installation and operation and accordance with good	installed. Tuff
installation and maintenance practices of the	recommends
automotive industry. This warranty does not apply to	installation to i
the cosmetic finish of Tuff Country products nor to	they exist.
Tuff Country products which have been altered,	
improperly installed, maintained, used or repaired, or	
damaged by accident, negligence, misuse or racing.	Torque settings
("Racing is used in its broadest sense, and, for	J
example, without regards to formalities in relation to	5/16"
prizes, competition, etc.) This warranty is void if the	3/8"
product is removed from the original vehicle and	7/16"
re-installed on that or any other vehicle. This warranty	1/2"
is exclusive and is in lieu of any implied warranty of	9/16"
merchantability, fitness for a particular purpose or	5/8"
other warranty of quality, whether express or implied,	3/4"
except the warranty of title. All implied warranties are	
limited to the duration of this warranty. The remedies	Recommended
set forth in this warranty are exclusive. This warranty	
excludes all labor charges or other incidental of	Torque wrench
consequential damages. Any part or product returned	Standard socke
for warranty claim must be returned through the	Standard wrenc
dealer of the distributor from whom it was purchased.	Metric socket s
Tuff Country reserves the right to examine all parts	Metric wrench s
returned to it for warranty claim to determine whether	Tape measure
or not any such part has failed because of defect in	Hydraulic floor
material or workmanship. The obligation of Tuff	Torsion bar unl
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.	

rmation that needs to be read before gins:

Z-Ride Suspension requires that a propunloading tool be used when performing n. If you do not have one, please contact dealer to purchase one from them.

ecommends NOT installing the Torsion njunction with another aftermarket lifted ystem. If the Torsion Bar Keys are another aftermarket lifted suspension arranty will be void.

ns in your vehicle stock shock applicaock may be required.

lation begins, Tuff Country EZ-Ride highly recommends that the installer t drive on the vehicle. During the test see if there are any uncommon sounds uncommon sounds or vibrations occur e, uncommon sounds or vibrations will once the suspension system has been Country EZ-Ride Suspension highly notifying the customer prior to inform the customer of these issues if

s:

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.

tools selection:

et set ch set set set jacks loading tool

Please follow instructions carefully: Before installation begins, measure from the center of	Special note: If the stock torsion bar bolt is over adjusted, ride quality issues will occur and over adjust- ing the bolt is not recommended.	
the hub, to the bottom of the fender well, and record measurements below.	6. Working on the driver side, measure from the stock	
Pre-installation measurements:	bump stop to the stock lower control arm. This measure- ment should not exceed 1/2". If you have more than a 1/2", the stock torsion bar bolt will need to be lowered until our	
Driver side front: Passenger side front:	measurement is less than a 1/2".	
At the end of the installation take the same measurements and compare to the pre-installation measurements.	Repeat step # 2 - 6 on the passenger side.7. Carefully lower the vehicle to the ground.	
Post installation measurements:	Congratulations, installation complete!	
Driver side front: Passenger side front:	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.	
Torsion bar key installation:	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.	
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 pas- senger side.		
2. Working on the driver side and using a proper torsion bar removal tool. Special note: Tuff Country EZ-RIde Suspension requires that a proper torsion bar unload- ing tool be used when performing this installation. If you do not have one, please contact your local GM		
dealer to purchase one from them. Carefully remove the stock torsion bar bolt and block. Set the stock torsion bar bolt and block aside. Remove the stock torsion bar unloading tool from the stock cross member.	Tuff Country EZ-Ride Suspension packages (2) sets of instruction sheets with this box kit. (1) is for the installer and (1) is for the customer. The (1) for the cus- tomer has some post installation procedure literature and it is the installers responsibility to make sure that	
3. Working on the driver side, tap the stock torsion bar for- ward until the stock torsion bar key can be removed. Remove and discard the stock torsion bar key.	the customer receives a copy of the installation manu- al along with the literature.	
4. Locate the new torsion bar key and install into the stock location. Tap the stock torsion bar back into the torsion bar cross member until it seats properly into the new torsion bar key. Using the torsion bar unloading tool, adjust the new torsion bar key up high enough so that the stock tor- sion bar block and bolt can be re-installed.	If you have any questions or concerns, please feel free to contact Tuff Country or your local Tuff Country dealer.	
5. Locate the stock torsion bar bolt and block and install into the stock location. Adjust the stock bolt so that there is at least a 1/4" of thread past the stock torsion bar block. After the completion of the installation, if more height is needed, adjust the stock bolt to achieve the proper height. Special note: For each 1/4" of adjustment on the stock bolt equals 1" of height.		