



EZ - Ride Suspension

PART NUMBER : 75350
2003—2004 DODGE RAM 2500 & 3500
DUAL SHOCK SYSTEM
PARTS LIST:

Part #	Description	Qty.
75350-07	Upper Shock Bracket	2
75350-08	Driver Side Lower Shock Bracket	1
75350-09	Passenger Side Lower Shock Bracket	1
75350NB	Hardware Bag	1
P9999	Shock Sleeves w/ welded washer	2
75350INST	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.

Product safety label must be installed inside the cab in plain view of all occupants.

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 DODGE RAM 2500 & 3500 2003 - 2004 DUAL SHOCK SYSTEM PART # 75350

SJ090804rev.02

IMPORTANT CUSTOMER INFORMATION

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

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.

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 WARRENTY

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.

Hardware Bag 75350NB Includes:

Description	Quantity
3/8" x 1 1/4" bolts	2
3/8" flat washers	4
3/8" unitorque nuts	2
3/8" lock washers	2
1/2" x 3" bolts	2
1/2" x 3 1/2" bolts	2
1/2" flat washers	8
1/2" unitorque nuts	4
1/2" lock washers	4

Special Note: Shocks are not included in this part #. If you have not ordered the proper shocks for the dual shock kit, please contact Tuff Country or your local Tuff Country dealer and order the proper shocks. If the vehicle that you are installing the dual shock kit has a 4.5" Suspension System, Tuff Country EZ-Ride Suspension recommends installing a 23" fully extended hydraulic shock as the auxiliary shock. If the vehicle that you are installing the dual shock kit has a 6" Suspension System, Tuff Country EZ-Ride Suspension recommends installing a 26" fully extended hydraulic shock as the auxiliary shock.

Special Note: Installation photo's shown are installed in conjunction with a Tuff Country 6" Suspension.

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 jack stands. Place a jack stand on both the driver and passenger side. Next, remove the wheels and tires from both sides.
2. Place a pair of hydraulic floor jacks under the front axle. Place one on the driver side and one on the passenger side. Carefully raise up on both hydraulic floor jacks at the same time until the hydraulic floor jacks come into contact with the front axle.
3. Open the hood of your vehicle. Working on the driver side, locate and remove the upper shock nut. Also, remove the upper shock retainer washer and grommet. Save the upper shock nut, retainer washer and grommet. Repeat procedure on the passenger side.
4. Working on the driver side, remove the (3) nuts that hold the upper stock shock tower to the stock location. Save the (3) nuts for later re-installation. Set the upper stock shock tower a side for later re-installation. Repeat procedure on the passenger side.
5. Locate the new driver and passenger side upper dual shock bracket. Also, located the stock upper shock tower and the nuts that where removed from step # 4. Working on the driver side, install the new upper shock bracket in between the stock upper coil pocket and the upper shock

tower. Secure using the nuts that were removed in step # 4. **Make sure to use thread locker or locktite.** Torque to **30 ft lbs.** Repeat procedure on the passenger side.

See Photo # 1 / Driver Side Shown

6. Locate (2) 3/8" x 1 1/4" bolts, (4) 3/8" flat washers, (2) 3/8" unitorque nuts and (2) 3/8" lock washers from hardware bag 75350NB. Working on the driver side, using the new upper dual shock bracket as a guide, carefully drill a 3/8" into the stock upper coil spring pocket. Secure the new upper dual shock bracket to the stock upper coil spring bucket using the new 3/8" x 1 1/4" bolt and hardware. **Make sure to use thread locker or locktite.** Torque to **30 ft lbs.** Repeat procedure on the passenger side.

See Photo # 1 / Driver Side Shown

7. Locate the driver and passenger side lower shock bracket. Working on the driver side, remove the bolt that is holding the upper control arm into the stock location. Save the hardware for later re-installation. Install the new driver side lower shock bracket to the outside of the stock upper control arm pocket. Secure using the hardware that was removed earlier in this step. **Special Note: Make sure to use thread locker or locktite. Making sure that the new lower shock bracket is flush with the outside of the stock upper control arm pocket torque the hardware to 95 ft lbs.** Repeat procedure on the passenger side.

See Photo # 2 / Driver Side Shown

8. Working on the driver side, using the new lower shock bracket as a guide, carefully drill a 1/2" hole into the stock upper control arm pocket. Repeat procedure on the passenger side.

9. Locate (2) new 1/2" x 3" bolts, (4) 1/2" flat washers, (2) 1/2" unitorque nuts and (2) 1/2" lock washers from hardware bag 75350NB. Also, locate the new auxiliary shocks. Working on the driver side, install the new auxiliary shock to the new upper shock bracket that was installed earlier. Secure using the new 1/2" x 3" bolt and hardware. **Special Note: Make sure to use thread locker or locktite. Do not tighten at this point.** Repeat procedure on the passenger side.

See Photo # 3 / Driver Side Shown

10. Locate (2) new 1/2" x 3 1/2" bolts, (4) 1/2" flat washers, (2) 1/2" unitorque nuts and (2) 1/2" lock washers from hardware bag 75350NB. Also, locate (2) P9999 lower shock sleeves that were packaged with this instruction sheet. Working on the driver side auxiliary shock, install the new lower shock sleeve with the welded washer into the lower shock eyelet. **Special Note: The sleeve with the welded washer needs to be installed with the washer towards the inside of the vehicle.** Secure the lower shock eyelet to the previously installed lower shock bracket using the new 1/2" x 3 1/2" bolt and hardware. **Special Note: Make sure to use thread locker or locktite.** Repeat procedure on the passenger

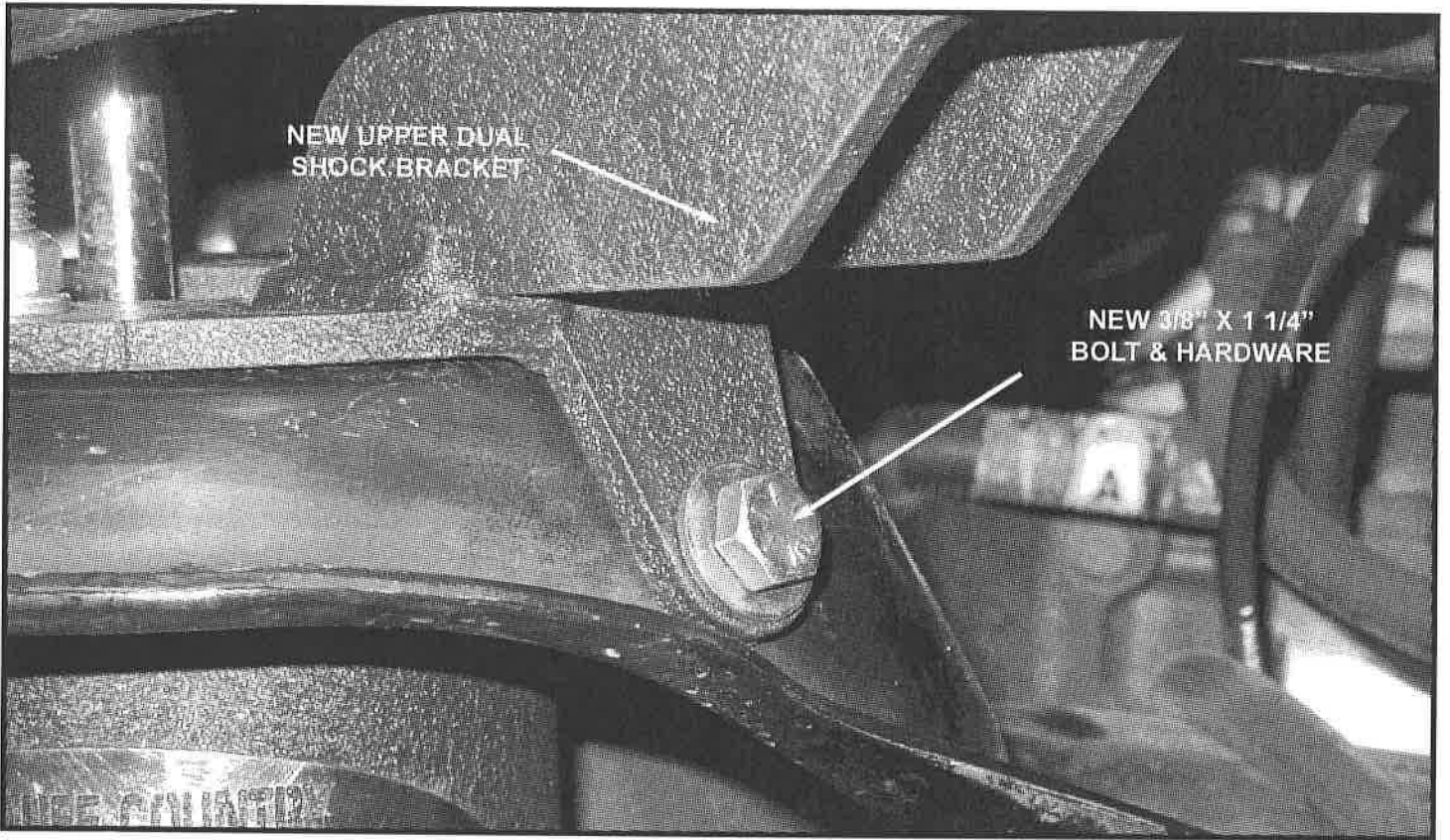
side. On the driver and passenger side, torque the new upper and lower 1/2" hardware to **85 ft lbs.**

See Photo # 4 / Driver Side Shown

11. Carefully remove both hydraulic floor jacks from under the front axle. Install the tires and wheels on both the driver and passenger side and carefully lower the vehicle to the ground.

CONGRATULATIONS INSTALLATION COMPLETE

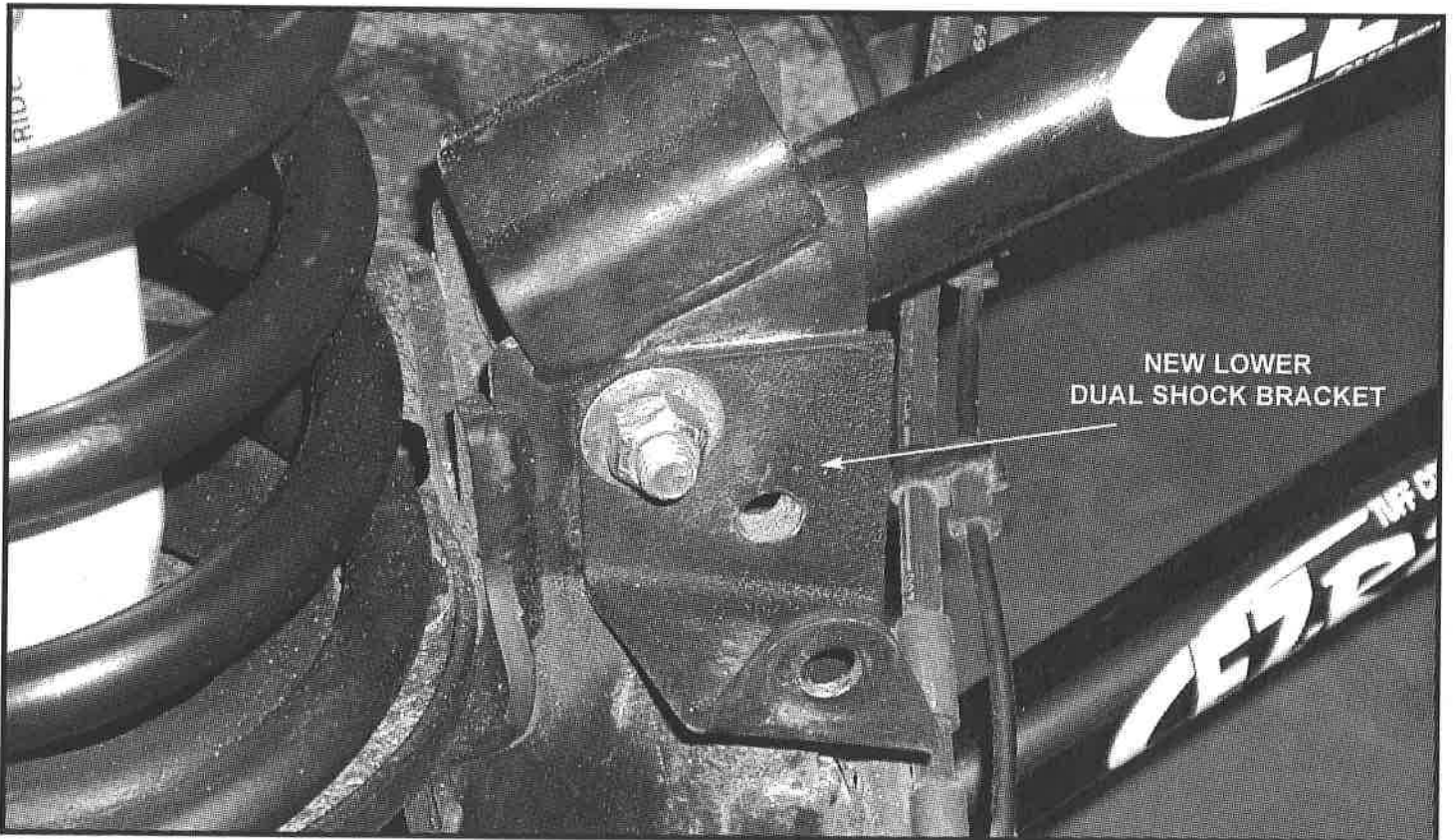
If you have any questions and or concerns about the install, please feel free to call Tuff Country or your local Tuff Country dealer.



NEW UPPER DUAL
SHOCK BRACKET

NEW 3/8" X 1 1/4"
BOLT & HARDWARE

PHOTO # 1



NEW LOWER
DUAL SHOCK BRACKET

PHOTO # 2

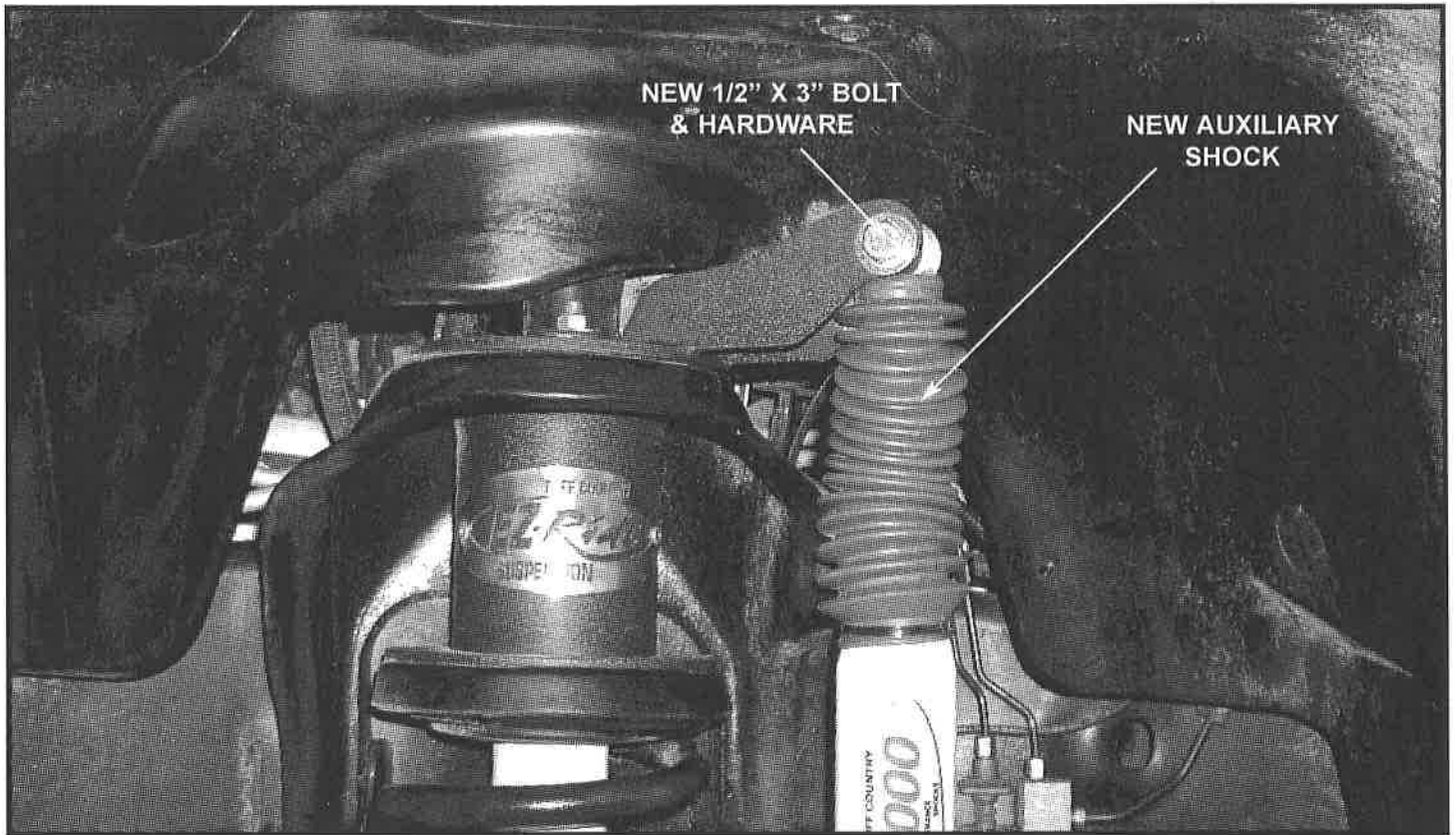


PHOTO # 3

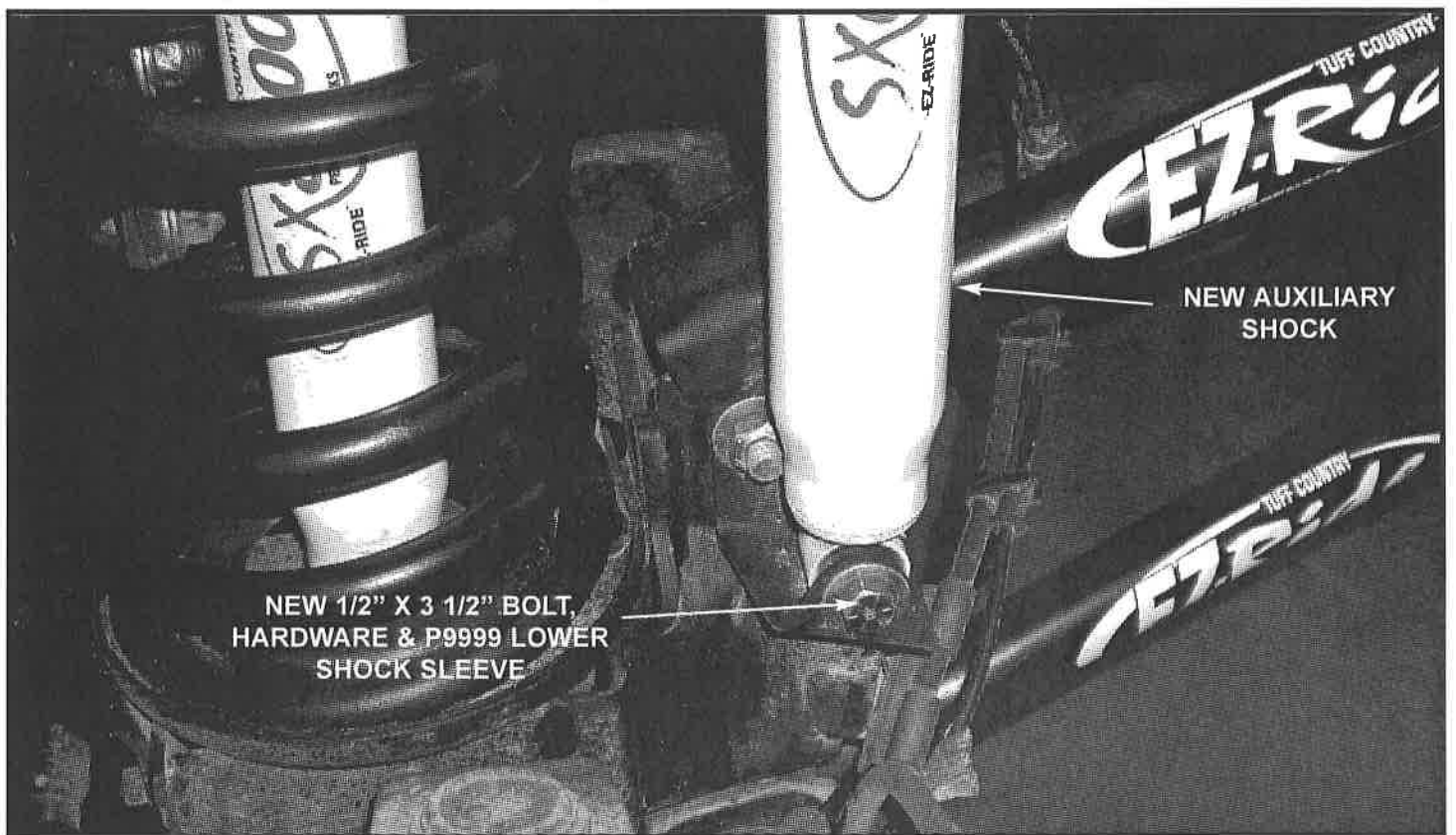


PHOTO # 4