



EZ - Ride Suspension

Part # 32901
2006 Dodge Ram 1500
2" front leveling kit

PARTS LIST:

Part #	Description	Qty.
32901-01	Front spacer	2
MIRRORHANGER	Rear view mirror hanger	1
WARNINGDECAL	Warning decal	1
32901INST	Instruction sheet	1

Special Note:

A strut compressor is going to be needed to perform this installation. If you do not have a strut compressor you may rent one from your local Auto Parts store.

Due to the inconsistencies of the stock strut, height after installation of the spacer may vary. Any questions please feel free to contact Tuff Country or your local Tuff Country dealer.

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.

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

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 1" - 2" Front lifting kit 2006 Dodge 1500 Part # 32901

Important customer information

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.

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.

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 procedure.

Please follow instruction carefully

Before installation begins, measure from the center of the hub, to the bottom of the fender well, and record measurements below.

Pre installation measurements:

Driver side front: _____

Passenger side front: _____

At the end of the installation take the same measurements and compare to the pre-installation measurements.

Post installation measurements:

Driver side front: _____

Passenger side front: _____

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 passenger side. Next, remove the wheels and tires from both sides.

2. Working on the driver side, remove the stock outer tie rod hardware from the stock spindle. Save the stock nut for later re-installation. Carefully brake the stock taper on the stock outer tie rod. **Special Note: Take special care not to damage the stock outer tie rod dust boot.**

3. Working on the driver side, remove the stock sway bar end link from the stock location and save the stock hardware.

4. Working on the driver side, remove the stock upper ball joint from the stock steering knuckle. Set the stock hardware aside for later re-installation. **Special note: Take special care not to rip or tear the stock ball joint dust boot.**

5. Working on the driver side, remove the (3) upper stock nuts that connect the stock strut into the stock location. Save the stock nuts for later re-installation.

6. Working on the driver side, remove the stock lower bolt that connects the lower stock mounting point to the stock lower strut. Remove the stock strut assembly and stock lower bolt and set aside for later re-installation. Repeat procedure on the passenger side.

Special note: A strut compressor is going to be needed to perform this installation. If you do not have a strut compressor you may rent one from your local Auto Parts store.

7. Working on the driver side strut assembly that was removed from step # 6, carefully compress the stock strut

using a strut compressor. **Special note: Scribe a reference mark on the top of the stock strut nut. This will allow you to reinstall the stock nut back into the stock position.** Remove the stock nut and hardware from the top of the stock strut assembly. Save the stock hardware for later re-installation.

8. Remove the stock upper strut bracket from the strut assembly and set a side for later re-installation.

9. Locate (1) new front spacer. Using a strut compressor, compress the stock strut enough so that the new front spacer can be installed. Install the new front spacer and secure the stock strut assembly with the stock upper hardware that was removed from step # 7. Refer to the reference mark that was scribe in step # 7. Torque to **45 ft lbs. Special Note: Make sure to use thread locker or lock tite.**

10. Locate the (3) stock upper nuts that where removed in step # 5. Install the stock strut with the new spacer into the stock upper location and secure using the stock hardware. Torque to **35 ft lbs. Special note: Make sure to use thread locker or lock tite.**

11. Locate the stock lower strut hardware that was removed in step # 6. Secure the lower portion of the stock strut into the stock location using the stock hardware. Torque to **65 ft lbs. Special note: Make sure to use thread locker or lock tite.**

12. Locate the stock upper ball joint hardware that was removed in step # 4. Working on the driver side, install the stock upper ball joint to the stock steering knuckle and secure using the stock hardware. Torque to factory specs.

13. Locate the stock sway bar end link hardware that was removed in step # 3. Working on the driver side, install the stock sway bar end link to the stock location and secure using the stock hardware. Torque to factory specs.

14. Locate the stock outer tie rod hardware that was removed in step # 2. Install and secure the stock outer tie rod to the stock spindle using the stock hardware. Torque to **38 ft lbs. Special Note: Make sure to use thread locker or lock tite.**

15. Repeat steps 2 - 14 on the passenger side.

16. Re-install the tires and wheels and safely lower the vehicle to the ground.

Check and double check to make sure that all steps were performed properly. Once the installation is complete take your vehicle directly to an alignment center for a proper front end alignment.

Congratulations installation complete
Take the vehicle directly to and alignment shop for a proper front end alignment