

38511



2002-2005 Dodge Ram 1500, 4WD Only - 2.0"

KIT INCLUDES:

2) 2002-2005 Torsion Keys

NOTE:

If the front shocks measure 15.75" or less in length they must be replaced with a 17" shock.



1) Prior to lifting the vehicle it is recommended that you measure the stock height so that you have a base line measurement. Measure from the bottom of the wheel to the lip of the fender.

Disassembly

2) With the vehicle on level ground and set the emergency brake and block the rear tires. Disconnect the negative battery cable from the battery (Note that some vehicles have 2 or more batteries you will need to disconnect the negative cables from all batteries). Jack up the front end of the truck and support the frame rails with jack stands.

NEVER WORK UNDER AN UNSUPPORTED VEHICLE

3) Remove the front wheels and tires.

4) Remove front lower shock mount bolt save the hardware.

5) Locate the torsion key cross member under the cab of the truck. Using a Torsion Bar Unloading Tool compress the driver's side key so that you can remove the threaded part of the torsion adjuster. Remove the torsion key adjusting bolt and adjuster completely. Releasing the tension on the unloading tool will now release the tension on the torsion bar. Slide torsion bar forward allowing the torsion key to be removed.

6) Mark torsion bars indicating driver and passenger.

(NOTE- Do not attempt to unload or remove torsion bars without the proper torsion bar tool. Torsion Bars are under extreme tension)

Assembly

7) Install the FULL THROTTLE SUSPENSION Billet Steel torsion key and slide torsion bar back into position. Apply pressure with torsion bar unloading tool to the torsion key, and create enough space to reinsert the torsion key keeper that the adjusting bolt threads into. **IMPORTANT!** Make sure the Torsion Bar is extended at least ¼" through the Torsion Key.

8) Reinstall the factory adjusting bolt, and adjust it so ¼" of bolt threads extend beyond torsion key keeper. **IMPORTANT!** – Each ¼" of adjustment on the bolt equals 1" at the wheel. It is best to check ride height after this initial setting and adjust as needed. Note: Over Cranking of the suspension will affect ride quality and is not recommended.

9) Now install the shock back into factory location and Torque to 100 lb.-ft. Repeat steps 1 through 9 on the Opposite Side of the vehicle. Follow each step closely making sure to double-check the torque on all fasteners. Measure the distance between the tires and fenders to make sure both sides of the truck are even.

12) Reinstall tires and torque lugs to factory specs.

13) Wheel Alignment a Certified Alignment Technician that is experienced with lifted vehicles is recommended to perform the alignment. *Minor trimming of the front air dam may be required to ensure adequate tire clearance.*It is also recommended that you adjust your headlights whenever your vehicle's ride height is altered.

THANK YOU FOR USING FULL THROTTLE SUSPENSION LEVELING KITS

Thank You for choosing Full Throttle Suspension

Tech support 559-271-8685 or send email to fts.dwgs@gmail.com



Product Warranty and Warnings-

FTS provides a Limited Lifetime Warranty to the original retail purchaser who owns the vehicle, on which the product was originally installed, for defects in workmanship and materials.

The Limited Lifetime Warranty excludes the following FTS items; bushings, bump stops, ball joints, tie rod ends, limiting straps, cross shafts, heim joints. These parts are subject to wear and are not considered defective when worn. They are warranted for 60 days from the date of purchase for defects in workmanship.

Reservoir shocks are considered a serviceable shock with a one year warranty on leakage only. Service seal kits are available separately for future maintenance. All other shocks are covered under our Limited Warranty.

FTS does not warrant any product for finish, alterations, modifications and/or installation contrary to FTS instructions. Alterations to the finish of the parts including but not limited to painting, powder coating, plating and/or welding will void all warranties. Some finish damage may occur to parts during shipping which is considered normal and is not covered under warranty.

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