

ReadyLift® (Part# 66-3000) Torsion Key, Installation Instructions
1999-2007 GM 1500 4WD P/U 6-Lug
½ Ton SUVs with Torsion Bars Body Style Classic

Please read instructions thoroughly and completely before beginning installation.
Check www.readylift.com for any updated installation instructions.
Installation by a trained mechanic is recommended.

Step 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, as in Insert A.

Position truck on a flat surface and lift vehicle by the frame so that the front wheels are off the ground. Use a floor jack and jack stands or a (2) two post lift if available.



(A)

Step 2:

Locate the torsion key cross member under the cab of the truck. (Insert B)

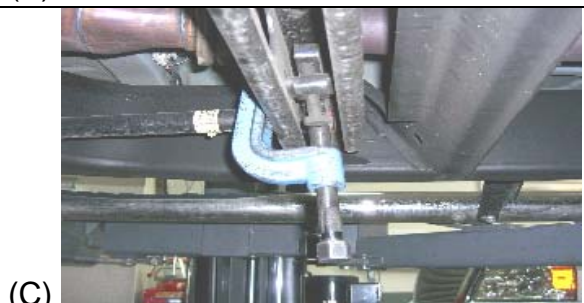
Using a GM Torsion Bar Unloading Tool (ReadyLift® 66-7822A recommended) compress the driver's side key so that you can remove the threaded part of the torsion adjuster. Remove the torsion key adjusting bolt and adjuster completely. (Insert C)

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.



(B)



(C)

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Step 3:

Install the ReadyLift® Forged 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. *(Insert D)*

IMPORTANT! Make sure the Torsion Bar is extended at least ¼” through the Torsion Key.



(D)

Step 4:

Install the ReadyLift® supplied adjusting bolt, and adjust it so ¼” of bolt threads extend beyond torsion key keeper. *(Insert E)*

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. Two measurements to use as a guide are:

1. The distance from the Lower A Arm to the Bump Stop should not be no more than ½”. *(Insert F)*

2. The distance between the upper A-Arm and the metal bump stop should be no less than ¾”. *(Insert G)*



(E)



(F)



(G)

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Step 5:

Repeat steps 1 through 4 on the Passenger 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.



Step 6:

Wheel Alignment; a Certified Alignment Technician that is experienced with lifted vehicles is recommended to perform the alignment.

*It is recommended that you have your vehicle's alignment checked whenever installing new tires.

*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.



Vehicle Handling Warning

Vehicles with larger wheels and tires will handle differently than stock vehicles. Take time to familiarize yourself with the handling of your vehicle.

DRIVE SAFELY and WEAR YOUR SEATBELT.

Installation Warning

Always wear proper safety equipment and use the correct tools when installing any suspension upgrade. Make sure vehicle is on a flat surface and you are using jack stands or a lift rated for the weight of the vehicle.

Warning! This ReadyLift® Leveling Kit is designed and engineered to level out a stock vehicle with no prior modifications. The use of this kit along with items such as rear lift blocks or spacers, add-a-leaves, airbags, suspension lifts, body lifts or any other type of lifting accessory shall be done at the vehicle owners risk and will void any and all warranties in effect or implied by ReadyLift®.

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