



HARD CORE STEERING ★ SUSPENSION PRODUCTS

2011 - Current GM Heavy Duty Truck Shock Extension Kit

Introduction

- Some applications require the use of 2 spacers sandwiched together, please follow instructions carefully to ensure the proper setup for your vehicle.
- Installation requires a qualified mechanic.
- Read instructions carefully and study the pictures (if included) before attempting installation.
- Check the parts and hardware packages against the parts list to assure that your kit is complete.
- Always wear safety glasses when using power tools.

Parts List

- (4) Shock extender bracket
- (4) 1/2 x 2.1/2" hex bolt
- (4) 1/2" lock nut
- (8) 1/2" flat washer



Installation Instructions

- When installing these spacers you will have 2 different options, using 1 or 2 spacers per side. What you want to do is use 1 spacer per inch that you are leveling the front of the truck. For example if you are leveling your truck 2-3" then use 2 spacers on each side.

Stock Front shocks

- 1.1. open the hood since access to the top shock mount is easier from the engine compartment. remove the 2 nuts from the top mount of each factory shock.
- 1.2. push the shock body down to compress the shock and then insert one of the spacers over the studs. repeat for other shock.
- 1.3. reinsert the studs thru the holes in the frame and re-fasten the nuts to 40 ft/lbs. repeat for other shock.
- 1.4. this combination will allow cranking stock torsion keys or using aftermarket torsion keys to gain an additional 2" maximum of height safely from FACTORY height. Do not set height more than 2" over factory height with this combination.
- 1.5. raising the height of the truck affects the alignment, so a front end alignment is required. Also the headlights need to be adjusted, refer to your owner's manual for headlight adjustment screw, normally the screw needs to be turned 2 revolutions to lower the headlight for every 1" the front is raised without raising the rear.

Front shocks by Bilstein or Fox

- 2.1 Aftermarket Shocks are longer than factory and sometimes have the mounting hardware pressed into the shock top.
- 2.2 With most of these shocks you do not need to use the hardware provided with this kit as the the shock bolts may already be long enough. Using 2 spacers with some aftermarket can cause the shock to bottom out and ride poorly.
- 2.3 Raising the height of the truck affects the alignment, so a front end alignment is required. Also the headlights need to be adjusted, refer to your owner's manual for headlight adjustment screw, normally the screw needs to be turned 2 revolutions to lower the headlight for every 1" the front is raised without raising the rear.

Stock Front shocks and Kryptonite upper control arm

- 3.1. The Kryptonite upper control arms provide more down travel than factory, so 2 spacers can be used with the FACTORY SHOCK.
- 3.2. Refer to the Kryptonite upper control arm kit for instructions to install the arm.kit
- 3.3. Open the hood since access to the top shock mount is easier from the engine compartment. remove the 2 nuts from the top mount of each factory shock. remove the nut and bolt holding the bottom shock mount to the lower control arm.
- 3.4. Remove the shocks from the truck, the studs in the upper bar pin need to be removed since they are too short. use a deep socket to cup the flat end of the stud, then use a hammer to tap the stud out of the bar pin.
- 3.5. re-attach the shock to the lower control arm with the factory hardware, torque to 50 ft/lbs.
- 3.6. Push the shock body down to compress the shock and then you insert 2 of the spacers over the bar pin. guide the shock up into the top mounting pocket on the frame. use the repeat for other shock. use the 1/2" hardware provided to bolt the top shock mount together with the spacers sandwiched between the bar pin and the frame. Tighten to 50 ft/lb.
- 3.7. this combination will allow cranking stock torsion keys or using aftermarket torsion keys to gain an additional 3" maximum of height safely from FACTORY height. Do not set height more than 3" over factory height with this combination.
- 3.8. Raising the height of the truck affects the alignment, so a front end alignment is required. Also the headlights need to be adjusted, refer to your owner's manual for headlight adjustment screw, normally the screw needs to be turned 2 revolutions to lower the headlight for every 1" the front is raised without raising the rear.

Aftermarket Front Shocks by Bilstein or Fox

- 4.1. Aftermarket shocks are longer than factory, so use only one spacer with this combination.
- 4.2. Refer to the Kryptonite upper control arm kit for instructions to install the arm kit.
- 4.3. install the aftermarket shock with only one spacer sandwiched between it and the frame. tighten hardware to 50 ft/lbs of torque.
- 4.4. this combination will allow cranking stock torsion keys or using aftermarket torsion keys to gain an additional 3" maximum of height safely from FACTORY height. Do not set height more than 3" over factory height with this combination.
- 4.5. raising the height of the truck affects the alignment, so a front end alignment is required. Also the headlights need to be adjusted, refer to your owner's manual for headlight adjustment screw, normally the screw needs to be turned 2 revolutions to lower the headlight for every 1" the front is raised without raising the rear.

Warranty Coverage Details

*Your product(s) must be purchased either directly, or through one of our authorized dealers.

**Your product(s) must be registered within 90 days of purchase. Registration will take place at kryptoniteproduct.com Click the warranty tab on the home page and follow to Warranty Registration link. Proof of purchase will be required. Without this information and warranty claims will be void. Without proper registration of you part(s) you will NOT be covered.

***Warranty covers product replacement only. Warranty will never be a parts cost refund. warranty will never cover any collateral damage costs.

If you believe you have a part that failed and may be covered under warranty, you must first make a warranty claim. Once you have submitted your claim information you will be contacted within 2 business days with further instructions.

****All parts to be considered for warranty replacement must first be physically inspected by a representative of KRYPTONITE PRODUCTS. If the part(s) in question are deemed to have failed in a way other than installation/user error. The customer will be provided with a replacement part(s) of equal or improved quality.

No replacement parts will ever be provided to a customer before a physical inspection of the failed part(s) by a KRYPTONITE PRODUCTS representative.

(Kryptonite No Fine Print Lifetime warranty)-Kryptonite steering and suspension components are warrantied for life to their original purchaser. This warranty is against any manufacturer defects, premature wear or breakage. Race it, jump it, off road it, wreck it, lift it, lower it, sled pull it, I think you get it? We don't care. If you can break it we will replace it.

*****Warranty Excludes Heim style joints, Tie Rod Boots and Bushings of any kind as these are regular maintenance type items.