

Z5301 – Front spring spacer, rear spring spacer and extended bump stop installation guide

WARNING: These products are designed for easy installation however installation by a recognized trades person is recommended. Please drive carefully and accustom yourself to any changes in handling characteristics of the vehicle.

Note: This installation guide should be used in conjunction with the vehicle manufacturers repair manual.

Front spring spacer installation guide

1. Disassemble required front suspension components and remove front coil spring assembly.
2. Remove the original rubber spring insulator.
3. Install the supplied 1" or 1-1/2" raised insulator (depending on kit supplied) to the top of the spring with the lip facing down. (Refer image 1).

Note: Prior to reinstalling spring assembly if the kit being installed contains an "Extended bump stop" please review "Extended bump stop installation guide" section below

4. Reassemble and install the front spring assembly to the vehicle.
5. Refit required suspension components and retention to manufacturer's specifications at ride height.

Rear spring spacer installation guide

1. Disassemble required rear suspension components and remove rear coil spring assembly.
2. Remove the original rubber spring insulator.
3. Install the supplied 1-1/2" or 2" raised insulator (depending on kit supplied) to the top of the spring with the lip facing down. (Refer image 1).

Note: Prior to reinstalling spring assembly if the kit being installed contains an "Extended bump stop" please review "Extended bump stop installation guide" section below

4. Reassemble and install the rear spring assembly to the vehicle.
5. Refit required suspension components and retention to manufacturer's specifications at ride height.

Extended bump stop installation guide

1. With the spring assembly removed from the vehicle, remove the original front/rear bump stop. This can be achieved by pulling the old bump stop downwards.
2. Remove the bump stop mounting cup by removing the center retaining bolt.
3. To aid installation of the supplied extended bump stop, place the retaining cup on a suitable surface with the cup opening facing up. Lightly lubricate the end of the extended bump stop with the grease supplied and firmly press the extended bump stop into the retaining cup until it pops into position. (Refer image 2).
4. Refit bump stop assembly (mounting cup and extended bump stop) back onto the vehicle. A socket extension and a 15mm socket will be required to reinstall the cup mounting bolt through the center of the extended bump stop. (Refer image 3)

Spring spacer positioned correctly to insert into vehicle

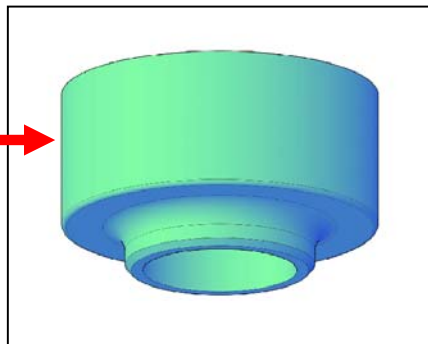
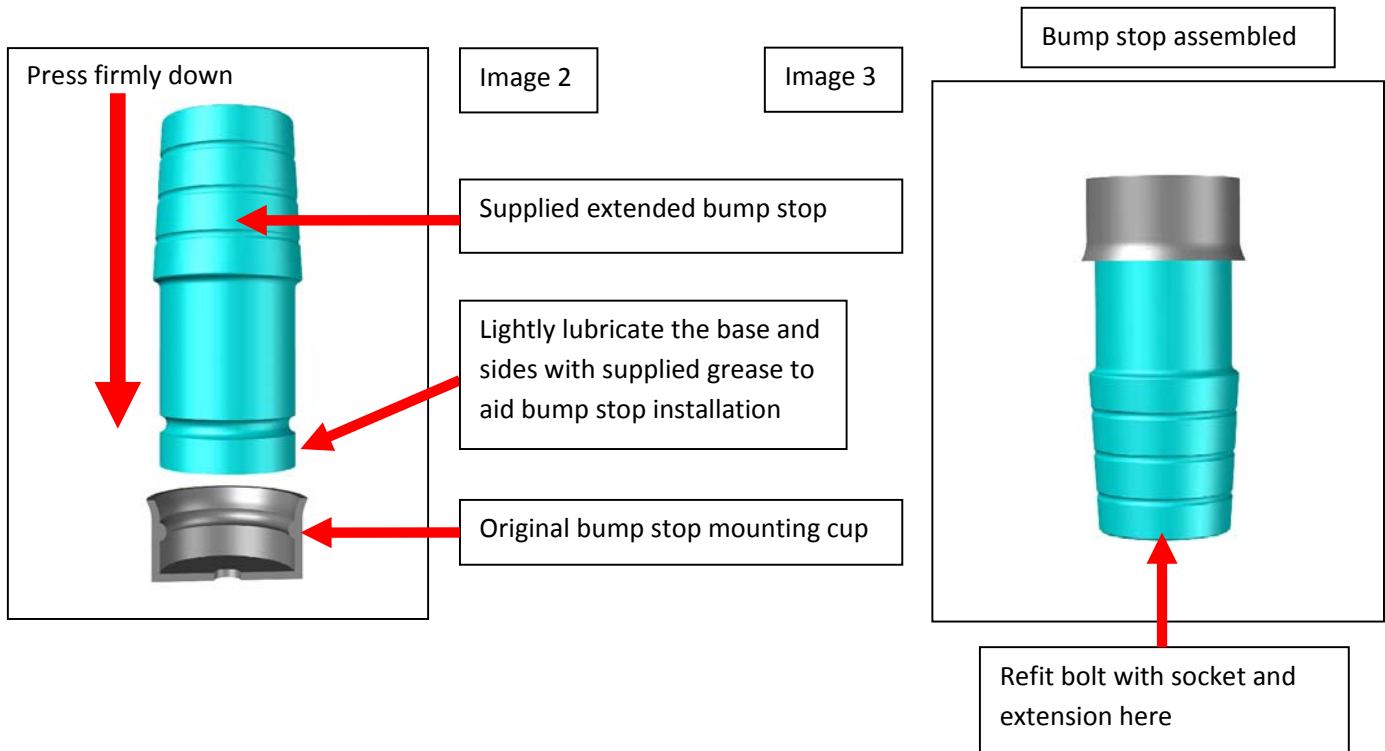


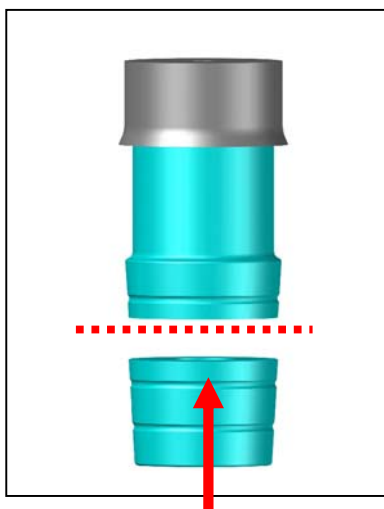
Image 1



NOTE: 97-04 TJ Jeep Bump stop spacer kit – Installation guide

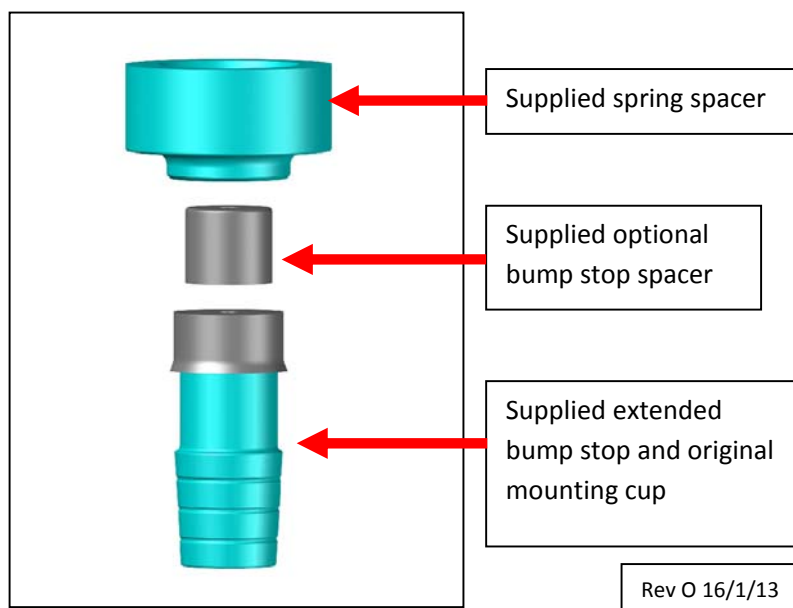
1. During reinstallation of the spring assembly with the new supplied spring spacer fitted you may find on particular TJ models that the bump stop mounting cup will not fit inside the new spring spacer. This will require the use of the **optional** bump stop mounting cup spacer. Part number: 67899
2. If the use of the optional spring cup spacer is required, Measure and cut approximately 1 -1/2" from the supplied extended bump stop prior to installation. (Refer image 4)
3. Install the supplied spring spacer, the supplied bump stop spacer and supplied extended bump stop fitted to the mounting cup (assembly) into position and install supplied extended retaining bolt. (Refer image 5).

Image 4



When using the optional bump stop cup spacer 67899, 1-1/2" will need to be removed from THE supplied extended bump stop.

Image 5



GREASE FREE TECHNOLOGY

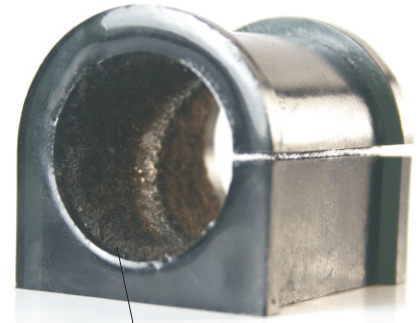


Introducing Grease Free Technology Bushings

Bushings supplied in this kit feature not only the latest synthetic elastomer bushing material technology but a high performing PTFE inner lining boasting an extraordinary low coefficient of friction. This inner lining eliminates the need to lubricate the bushing on installation and therefore makes these bushing 'grease free'!

Superior friction management

- reduces heat build up known to deform or degrade bushing over time
- dramatically reduces high frequency noises (squeaking)
- eliminates the need for maintenance/ greasing



PTFE LINING

Installation tip

Ensure a clean mating surface when installing these bushings for optimum performance!

Frequently Asked Questions

What happens if I do apply grease to the lining?

Don't stress, simply wipe away as much of the lubricant from the surface as possible and install. Adding grease does not further improve the bushings function/ performance nor does traces of lubricant impede the function/ performance.

Do I need to grease other areas of the bushing?

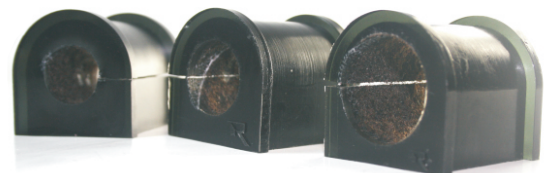
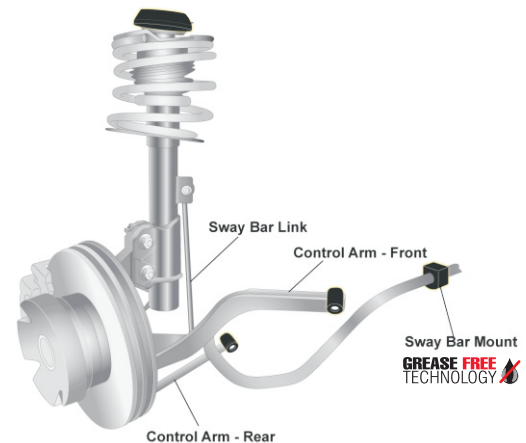
Simply, no! Unless the kit is supplied with a grease packet and lubrication instructions, no other area of the bushing requires lubrication.

Do these bushings require maintenance?

Significant improvements in grease retention within bushing design has dramatically improved over recent years, however this new grease free technology does away with all lubricants and subsequent or periodical maintenance.

Is this technology available across the entire range?

For the most up to date offering of grease free technology bushings visit the website!



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