

1995-2004 TACOMA REAR PERFORMANCE BUMP STOP KIT

TGI-311095 - 1995-2004 TACOMA REAR PERFORMANCE BUMP STOP KIT - 2" STROKE

TGI-311096 - 1995-2004 TACOMA REAR PERFORMANCE BUMP STOP KIT - 3" STROKE

TGI-311097 - 1995-2004 TACOMA REAR PERFORMANCE BUMP STOP KIT - 4" STROKE

KIT CONTENTS



TGI-311138

RECOMMENDED TOOLS

Angle Grinder

- Cut Off Wheel
- Flap Wheel (or other Abrasive Wheel)

Appropriate Size Socket for U-Bolts

Welder

Eye and Hearing Protection

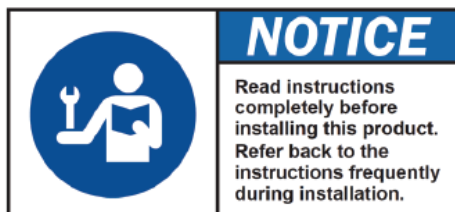
Gloves

Tape Measure

Spanner Wrench (Included in kit)

CAUTION

1. Read all instructions completely and carefully before you begin. If anything is not clear, please call our tech support line at 1.877.4X4.TOYS or 559.252.4950 before proceeding.
2. Check to make sure the kit is complete and that no parts are missing (refer to the Kit Contents Section on the first page of these instructions). If anything is missing, please contact Trail-Gear at 1.877.4X4.TOYS or 559.252.4950.
3. Park vehicle on a clean, dry, flat, level surface and block the tires so the vehicle cannot roll in either direction.
4. This product is for off-road use only. It is recommended that the installation steps below be performed by a competent mechanic. Buyers and users of this product hereby expressly assume all risks associated with the installation and use of this product.



INSTALLATION INSTRUCTIONS



STEP 1

Jack up the vehicle and support the vehicle with jack stands. Be sure that the rear axle is well supported, as we will be unbolting the u-bolts as part of this installation.

STEP 2

Remove the rear wheels.



STEP 3

Loosen nuts and remove u-bolts with appropriate socket.



STEP 4

Depending on the option selected, install either the u-bolt flip kit or the spring striker pad.



INSTALLATION INSTRUCTIONS



STEP 5

Tighten u-bolt nuts.



STEP 6

Use the grinder with the cut off wheel and flap wheel to cut off the stock striker pad on the frame of the truck.



INSTALLATION INSTRUCTIONS



STEP 7

Align the new bracket and tack weld in place with the TG logo forward on both sides. The bracket will insert into the frame by turning the bracket 45 degrees and then returning it to level. This allows correct positioning on the frame to be achieved. You can use a tape measure to align the bracket, aiming for just slightly rear of the center of the striker plate.



STEP 8

Check alignment of the new bracket. It is suggested to reinstall the wheels and let the vehicle down. This is to ensure proper fit before final welding.



INSTALLATION INSTRUCTIONS



STEP 9

Finish welding brackets to frame.



STEP 10

Paint brackets and frame.



STEP 11

Install bump into bracket and tighten to desired height with included spanner wrench.



INSTALLATION INSTRUCTIONS



STEP 12

Tuning instructions:

For a softer feel, release pressure thru the Schrader valve.

For a firmer feel, add nitrogen through the Schrader valve. Note: Use only clean, dry nitrogen. The use of regular compressed air or any other gas will damage the internal components and void the warranty.

Minimum Pressure = 120 psi (do not charge bump stops with a pressure lower than this)

Maximum Allowable Pressure = 300 psi (do not charge bump stop beyond this pressure)

We recommend using a high-precision shock charging manifold, similar to this one. —→

STEP 13

Periodically check pressure and top off with nitrogen if needed.

