

INSTALLATION INSTRUCTIONS



TRAIL-GEAR PERFORMANCE 2.0" & 2.5" BUMP STOPS (THREADED BODY & SMOOTH BODY PIN TOP TYPES)

KIT CONTENTS



TGI-310930



5356 PINE AVE • FRESNO, CA • 93727
USA TOLL FREE: 877.4X4.TOYS • WORLDWIDE: 559.252.4950
WWW.TRAIL-GEAR.COM

RECOMMENDED TOOLS

Welder

Safety Glasses

Spanner Wrench
(Threaded Bump Stops Only)

1-1/4" Box and Wrench
(Smooth Body Pin Top Bump Stops Only)

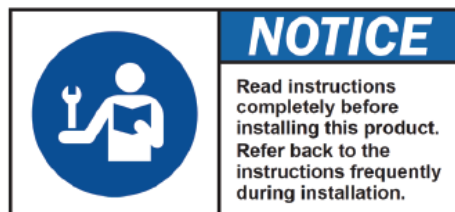
Nitrogen Tank

Nitrogen fill kit
(Hose, regulator, air chuck, & pressure gage)

Paint

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

Remove the bump stop from the mounting sleeve or mounting can.

STEP 2

Tack mounts in place. Note: On the threaded body shocks, remove the zinc plating from weld-on mounting sleeve using a flapper wheel before welding.

STEP 3

Reinstall the bump stop into the mounting sleeve or mounting can. Note: On the smooth body pin top bump stops, make sure the pin on the top of the bump is aligned with the hole in the top of the mounting can.

STEP 4

Cycle suspension and verify the bump stop bottoms out before the suspension bottoms out.

STEP 5

Finish welding the mounts. Apply paint over the brackets and mounts to prevent corrosion.

STEP 6

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 = 75 psi (do not charge bump stops with a pressure lower than this)

Maximum Allowable Pressure = 290 psi (do not charge bump stop beyond this pressure).

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

STEP 7

Periodically check pressure and top off with nitrogen if needed.

