

INSTALLATION INSTRUCTIONS



TRAIL-GEAR PERFORMANCE 2.5" BUMP STOP REBUILD KITS (THREADED BODY & SMOOTH BODY PIN TOP TYPES)

KIT CONTENTS



TGI-311061

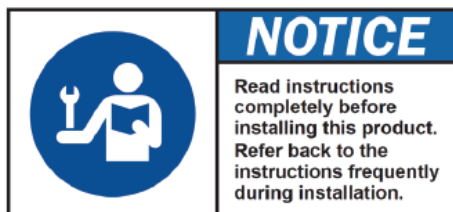
RECOMMENDED TOOLS

Hex Wrench Set
Safety Glasses
Pin Spanner Wrench

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

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

Completely vent all pressure out thru the Schrader valve. Remove the Schrader valve from the bump stop body. Drain oil & discard. Discard the used oil in accordance with all local laws. Many auto parts stores will accept used oil for little or no cost.

STEP 2

Disassemble and discard old seals & hardware.

STEP 3

Clean & reassemble with new seals and hardware.

STEP 4

Refill with shock oil. Install the new Schrader valve onto the bump stop body.

2" Travel: 3 fluid ounces (90 mL)

2" Travel: 3.7 fluid ounces (110 mL)

2" Travel: 4.4 fluid ounces (130 mL)

STEP 5

Fill with nitrogen until pressure reaches desired level (see tuning instructions below).

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 = 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 7

Periodically check pressure and top off with nitrogen if needed.

