



## INSTALLATION MANUAL

### 2024+ TOYOTA TACOMA 1.5" FRONT LEVELING KIT

### PART # 52924

Congratulations on your selection to purchase a Tuff Country EZ-Ride Suspension System. We at Tuff Country EZ-Ride Suspension are proud to offer a high quality product at the industries most competitive pricing. Thank you for your confidence in us and our product.

The Tuff Country EZ-Ride Suspension product safety label that is included in your kit box must be installed inside the cab in plain view of all occupants.

Make sure to use thread locker or loctite on all new and stock hardware associated with the installation of this suspension system.

After the completion of the installation, a front end alignment is required.

**Tuff Country EZ-Ride Suspension recommends that a complete re-torque is done on all bolts associated with this suspension system. It is the customers responsibility to make sure that a re-torque is performed on all hardware associated with the system after the first 100 miles of installion. It is also the Customers responsibility to do a complete re-torque after every 3,000 miles or after every off road use. Neglect of following these steps could cause brackets to come loose and cause serious damage to the suspension system and to the vehicle.**

#### PRODUCT SAFETY INFORMATION

Throughout these instructions important safety information is generally preceded by one of three signal words indicating the relative risk of injury. The signal words mean:

#### ! WARNING

A hazardous situation which, if not avoided, could result in death or serious injury. You can be Killed or Seriously Hurt if you do not follow instructions.

#### ! CAUTION

A hazardous situation which, if not avoided, could result in minor or moderate injury. You can be moderately HURT and may suffer property damage if you don't follow instructions.

#### NOTICE

Careful attention is required to this instruction or operation but does generally not relate to personal injury. Damage to your product or other property may result if you don't follow instructions.

KIT INCLUDES		
PART #	DESCRIPTION	QUANTITY
52924-01	STRUT SPACER	2
38FLN	3/8" FLANGE NUT	8

1. Working on the driver side, remove the 4 upper strut mount nuts. Save hardware.

See Figure 1.



2. Loosen, but DO NOT remove the lower control arm mounting bolts.

See Figure 2, 2.1



3. Remove the sway bar mounting bolts on the driver and passenger side frame. Let the sway bar hang loosely.

See Figure 3, 3.1



4. Working on the driver side, Remove the (2) bolts holding the lower ball joint mount to the knuckle. Save hardware.

See Figure 4.



5. Remove the lower strut mounting bolt and hardware from the lower control arm.

*Note: This is the last part holding the lower control arm from swinging down out of the way, Carefully remove bolt so that no damage or injuries can occur.*

See Figure 5, 5.1, 5.2





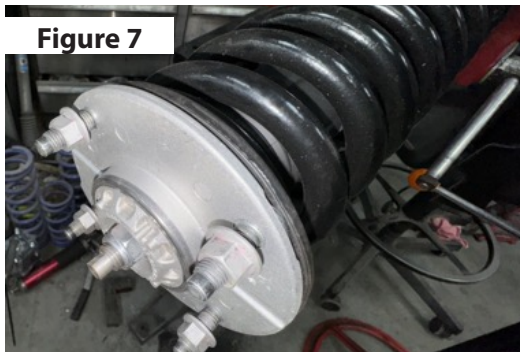
6. Remove the strut from the vehicle.

See Figure 6.



7. Thread the OE nuts on to the studs of the strut and measure 3/8" from the tip of the studs down, make a mark and using an appropriate cut off tool, cut the OE studs. Once threads have been cut, remove the OE nuts and this will clean the freshly cut studs.

See Figure 7, 7.1, 7.2



**8.** Locate and install one of the new upper strut spacers on the top of the OE strut using the OE nuts.

*Note: The spacers will only fit on the strut one way, if the bolt pattern does not line up, rotate the spacer until it does. Torque OE nuts to 40 ft lbs.*

**See Figure 8.**



**9.** Re-install the strut to the vehicle using the new 3/8" flange nuts, leave loose for now.

**See Figure 9.**



**10.** Using a pry bar or similar tool that will fit in the lower eyelet of the front strut, carefully turn the body of the shock so that it will line up with the lower mounting pocket of the lower control arm.

**See Figure 10.**



**11.** Swing the lower control arm back up so that the OE lower strut bolt can be re-installed.

**See Figure 11.**



**12.** Re-install the 2 lower ball joint mounting bolts to the bottom of the steering knuckle. Torque to 150 ft lbs.

**See Figure 12.**



**13.** Move back to the 4 new 3/8" flange nuts on top of the strut and torque to 40 ft lbs.

**See Figure 13.**



**REPEAT STEPS ON THE PASSENGER SIDE OF THE VEHICLE.**

**14.** Re-install the sway bar frame brackets using the OE hardware.

**15.** Re-install the tires and wheels and lower the vehicle back down to the ground.

**16.** Torque the OE lower strut mounting bolt to 115 ft lbs.

**17.** If you are on an alignment rack, perform the alignment now. If you need to drive the vehicle to an alignment shop, Torque the lower control arm mounting bolts to 150 ft lbs.

