



**Installation Manual**  
**2007-Current Toyota Tundra**  
**4wd/2wd**  
**Front leveling kit**  
**Part # 52075**

SS06252020

(Excludes TRD PRO models)

**Part # 52075**

2007-Current Toyota Tundra 4wd/2wd

\*Excludes TRD PRO models\*

**Front leveling kit**

<b>Part #</b>	<b>Description</b>	<b>Qty.</b>
52075-01	Front strut spacer	2
52075NB	Hardware bag	1

**52075NB Hardware bag:**

<b>Part #</b>	<b>Description</b>	<b>Qty.</b>
S10051	1.750" x .510" x .950" sleeve	2
126B	1/2" x 6" bolt	2
12UN	1/2" unitorque nut	2
38FLN	3/8" flange nut	8
716WA	7/16" uss flat washer	2

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.

**Important customer information:**

Tuff Country EZ-Ride Suspension highly recommends that a qualified or a certified mechanic performs this installation.

It is the responsibility of the customer/installer to wear

safety glasses at all times when performing this installation.

It is the customers/installers responsibility to read and understand all steps before installation begins. If you have any questions or concerns, please contact our technical department @ (801) 280-2777. Also, the OEM manual should be used as a reference guide.

This vehicles reaction and handling characteristics may differ from standard cars and/or trucks. Modifications to improve and/or enhance off road performance may raise the intended center of gravity. Extreme caution must be utilized when encountering driving conditions which may cause vehicle imbalance or loss of control. **DRIVE SAFELY!** Avoid abrupt maneuvers: such as sudden sharp turns which could cause a roll over, resulting in serious injury or death.

It is the customers responsibility to make sure that a re-torque is performed on all hardware associated with this suspension system after the first 100 miles of installation. It is also the customers responsibility to do a complete re-torque after every 3000 miles or after every off road use.

After the original installation, Tuff Country EZ-Ride Suspension also recommends having the alignment checked every 6 months to ensure proper tracking, proper wear on tires and front end components. Tuff Country EZ-Ride Suspension takes no responsibility for abuse, improper installation or improper suspension maintenance.

**IMPORTANT!**

This kit will NOT work on the TRD PRO models. If your vehicle is this model, please contact the company you purchased the lift kit from and arrange for returning the parts.

### Limited lifetime warranty

Notice to all Tuff Country EZ-Ride Suspension customers: It is your responsibility to keep your original sales receipt! If failure should occur on any Tuff Country EZ-Ride Suspension component, your original sales receipt must accompany the warranted unit to receive warranty. Warranty will be void if the customer can not provide the original sales receipt. Do not install a body lift in conjunction with a suspension system. If a body lift is used in conjunction with any Tuff Country EZ-Ride Suspension product, your Tuff Country EZ-Ride Suspension WARRANTY WILL BE VOID. Tuff Country Inc. ("Tuff Country" ) suspension products are warranted to be free from defects in material and workmanship for life if purchased, installed and maintained on a non-commercial vehicle; otherwise, for a period of twelve (12) months, from the date of purchase and installation on a commercial vehicle, or twelve thousand (12,000) miles (which ever occurs first). Tuff Country does not warrant or make any representations concerning Tuff Country Products when not installed and used strictly in accordance with the manufacturer's instructions for such installation and operation and accordance with good installation and maintenance practices of the automotive industry. This warranty does not apply to the cosmetic finish of Tuff Country products nor to Tuff Country products which have been altered, improperly installed, maintained, used or repaired, or damaged by accident, negligence, misuse or racing. ("Racing is used in its broadest sense, and, for example, without regards to formalities in relation to prizes, competition, etc.) This warranty is void if the product is removed from the original vehicle and re-installed on that or any other vehicle. This warranty is exclusive and is in lieu of any implied warranty of merchantability, fitness for a particular purpose or other warranty of quality, whether express or implied, except the warranty of title. All implied warranties are limited to the duration of this warranty. The remedies set forth in this warranty are exclusive. This warranty excludes all labor charges or other incidental or consequential damages. Any part or product returned for warranty claim must be returned through the dealer of the distributor from whom it was purchased. Tuff Country reserves the right to examine all parts returned to it for warranty claim to determine whether or not any such part has failed because of defect in material or workmanship. The obligation of Tuff Country under this warranty shall be limited to repairing, replacing or crediting, at its option, any part or product found to be so defective. Regardless of whether any part is repaired, replaced or credited under this warranty, shipping and/or transportation charges on the return of such product must be prepaid by the customer under this warranty.

Before installation begins, Tuff Country EZ-Ride Suspension highly recommends that the installer performs a test drive on the vehicle. During the test drive, check to see if there are any uncommon sounds or vibrations. If uncommon sounds or vibrations occur on the test drive, uncommon sounds or vibrations will be enhanced once the suspension system has been installed. Tuff Country EZ-Ride Suspension highly recommends notifying the customer prior to installation to inform the customer of these issues if they exist.

This Suspension kit comes with (1) installation manual and some post installation procedure literature and it is the installers responsibility to make sure that the customer receives the post installation procedure literature. If a customer would like a copy of the installation manual, please have them visit our website at [www.tuffcountry.com](http://www.tuffcountry.com). Have them go to the customer care section to download these instructions. If you have any questions, please feel free to call us at (801) 280-2777.

Tuff Country Ez-Ride Suspension recommends using a 33" diameter tire with this kit. **Our tire and wheel fitments are only a guideline. Different production times or tolerances will vary and this size should only be used as a starting point. Each vehicle is different and will need to be treated as such.**

### Recommended tool selection:

- Torque wrench
- Standard socket set
- Standard wrench set
- Metric socket set
- Metric wrench set
- Tape Measure

With the vehicle sitting on a level surface and under its own weight, record ride height measurements by measuring from the center of the wheel hub up to the leading edge of the front fender. Record measurements below.

### Pre Installation Measurements:

Driver side front : \_\_\_\_\_

Passenger side front : \_\_\_\_\_

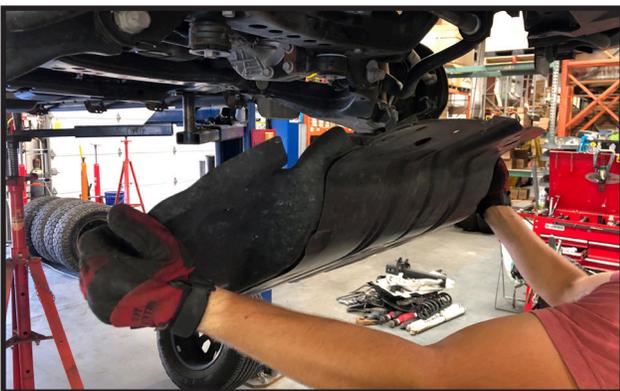
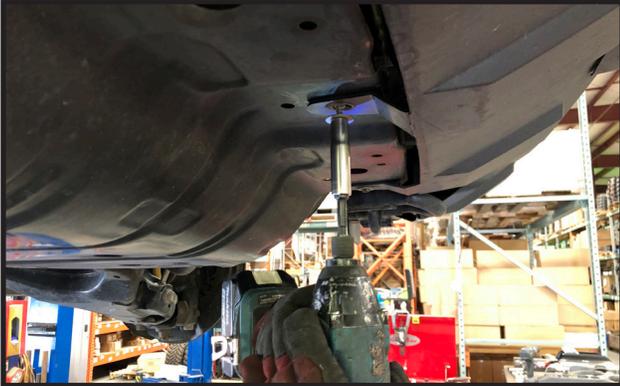
### Post Installation Measurements:

Driver side front : \_\_\_\_\_

Passenger side front : \_\_\_\_\_

1. To begin installation, block the rear tires of the vehicle so that the vehicle is stable and can't roll backwards. Safely lift the front of the vehicle and support both the driver and passenger side frame rail with jack stands. Remove the tires and wheels from both sides.

2. Take out the front skid plate by removing the bumper hardware and skid plate hardware.



3. Locate the 2 front mounting brackets for the differential. Using a suitable jack to support the front differential, remove the OE mounting hardware that goes through the crossmember. **The OE bolts and nuts may be discarded, but keep the OE oversized washers.**



4. Carefully lower the front differential down approximately 3/4" to install the new spacer sleeves.

5. Locate (2) S10051 spacers, (2) 1/2" x 6" bolts, (2) 1/2" unitorque nuts, and (2) 7/16" uss flat washers from hardware bag 52075NB.

6. Install the new spacer sleeves in between the OE differential bracket and the crossmember. Use the new 1/2" bolts with the 7/16" flat washers and OE oversized washers to secure back into OE location. **Torque to 75 ft lbs.**





7. Loosen but DO NOT remove the 4 lower control arm cam adjustment bolts.



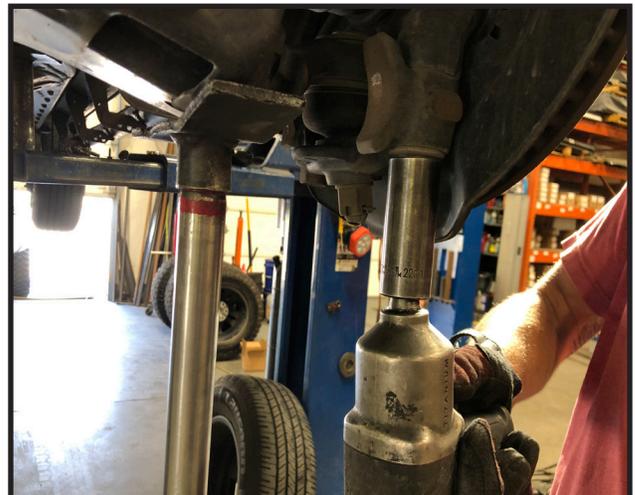
8. Remove the bolts that attach the sway bar endlinks to the lower control arms



9. Loosen but DO NOT remove the lower strut mounting bolts



10. Remove the 2 bolts that attach the lower ball joint to the bottom of the steering knuckle.



11. Using a suitable jack, support the lower control arm out near the ball joint. Remove the lower strut bolt.



12. Remove the 4 upper strut mounting nuts. **Special note: make sure the lower control arm is properly supported so the suspension doesn't drop out when these nuts are removed.**



13. Carefully lower down the lower control arm so that the strut assembly can be removed from the vehicle.



14. Locate the new upper strut spacers part # 52075-01 and install them on top of the OE struts. **Special Note: these spacers only fit on one way and should be installed so the notch is facing outwards of the vehicle.**



15. Secure the new spacers using the OE nuts



16. Locate the new 3/8" flange nuts, Reinstall the struts back into the vehicle and loosely start the new 3/8" flange nuts. Do not tighten at this time.



17. Raise up the lower control arm so that the lower strut bolt can be reinstalled, Do not tighten at this time.



18. Carefully raise the lower control arm up so that the lower ball joint bolts can be re-installed into the steering knuckle. **Torque to 160 ft lbs. Special note: While performing this step, it requires the front suspension to be compressed greatly, so its recommended that a stabilizer jack be placed under the rear bumper or trailer hitch of the vehicle to prevent it from pivoting.**



19. Move back to the upper strut mounting nuts and torque them to **35 ft lbs**



20. Re-install the front skid plate using OE hardware.

**Re-install the front tires and wheels and perform the next steps with the vehicle back on the ground under its own weight.**

21. Tighten the lower strut mounting bolts. **Torque to 130 ft lbs**

22. Re-install the OE sway bar endlink bolts and **Torque to 85 ft lbs**

23. Tighten the 4 lower control arm Cam adjustment bolts. **Torque to 150 ft lbs.**

**Congratulations, installation complete!**

After the completion of this installation, Tuff Country EZ-Ride Suspension recommends taking the vehicle to an alignment shop and having the proper front end alignment performed.

Tuff Country Ez-Ride Suspension recommends that a complete re-torque is done on all the 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 this suspension system after the first 100 miles of the installation. It is also the customers responsibility to do a complete re-torque after every 3000 miles or after every offroad use.