



**Installation Manual**  
**1.25" Leveling Kit**  
**2015 - 2016**  
**Chevy Colorado / GMC Canyon**  
**Part # 12918**

SS02112014

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**1.25" Leveling Kit**

<b>Part #</b>	<b>Description</b>	<b>Qty.</b>
12918-01	Strut Spacer	2
M1015FLN	10mm x 1.5 Flange nut	6
12918INST	Instruction sheet	1

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.

If you desire to return your vehicle to stock, it is the customers responsibility to save all stock hardware and components.

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.

**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.

### 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.

Important information that needs to be read before installation begins:

The design of this kit is to be used with a tire size of 265/65/R17. Any tires that are bigger than this size are NOT a guaranteed fit without needing to trim fenders.

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.

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

Special note: Before installation begins, it is the customers/installers responsibility to make sure that all parts are on hand. If any parts are missing, please feel free to call one of our customer service representatives @ (801) 280-2777.

Recommended tools selection:

- Torque wrench
- Standard socket set
- Standard wrench set
- Metric socket set
- Metric wrench set
- Tape measure
- Hydraulic floor jacks

**Please follow instructions carefully:**

**Before installation begins, measure from the center of the hub, to the bottom of the fender well, and record measurements below.**

**Pre-installation measurements:**

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

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

**Driver side rear:** \_\_\_\_\_

**Passenger side rear:** \_\_\_\_\_

**At the end of the installation take the same measurements and compare to the pre-installation measurements.**

**Post-installation measurements:**

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

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

**Driver side rear:** \_\_\_\_\_

**Passenger side rear:** \_\_\_\_\_

**Front end installation:**

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 the vehicle with a pair of jack stands. Place a jack stand on both the driver and the passenger side. Next, remove the front wheels and tires from both sides.

2. Working on the driver side, loosen but don't remove the bolts where the swaybar mounts to the frame. Repeat on passenger side.

3. Remove the swaybar endlinks from both sides of the vehicle and save them for re-installation.

4. Working on the driver side, remove the nut from the tie rod end where it attaches to the steering knuckle. Now using a hammer to strike the knuckle, break free the tapered tierod end and remove. Repeat on passenger side.

5. Working on the driver side remove the bolt that attaches the brakeline bracket to the frame. Save bolt and repeat on passenger side.

6. Working on the driver side upper ball joint, remove the nut and separate the upper ball joint from the steering knuckle. Just like in step #4, you will need to strike the steering knuckle with a hammer to break the taper. Repeat on passenger side.

7. Loosen the lower control arm bolts at the frame, but do not remove.

8. Unbolt the lower strut hardware from the lower control arms.

9. Now remove the (3) nuts on top of each strut. **Special Note: do not let the lower control arm fall to the point of over extending the CV joints, this can damage them.**

10. Remove the struts from the vehicle. you will need to swing the swaybar up and out of the way to do this.

11. At this time, on both sides, loosen the upper control arm bolts at the frame, let the control arm fall to rest on the bump stop and the re-tighten the bolts to 90 ft lbs.

12. Locate the new 12918-01 strut spacers and install them on the top of the struts by setting them over the studs.

13. Re-install the struts back into the vehicle and secure them at the top using the new 10mm flange nuts. Torque to 30 ft lbs.

14. Raise the lower control arms back up so that the lower strut hardware can be re-installed. Torque lower strut hardware to 85 ft lbs.

15. Re-install the upper control arms into the steering knuckle. Torque nut to 65 ft lbs

16. Re-install the tierod ends into the steering knuckle. Torque to 95 ft lbs.

17. Re-install the brakeline brackets to the frame. **Special note: It may be necessary to lightly bend the brake hard line to clear the upper control arm when its in its full droop position. Take extra care to not break or kink the hard line.**

18. Re-install the swaybar endlinks

19. Tighten the sway bar bolts at the frame mount. Torque to 10 ft lbs.

20. Re-install the tires and wheels and properly torque the lug nuts to 100 ft lbs.

21. Carefully remove the vehicle from the jacks and lower it to the ground. While its resting on its own weight, torque the lower control arm bolts at the frame down to 125 ft lbs.

**Congratulations! Installation Complete.**