

ROUGH COUNTRY
SUSPENSION SYSTEMS®

921100050



10005BAG

27.11
(688.7 mm)

CHEVY 2007-18 1500 Rear Air Spring Kit

Thank you for choosing Rough Country for all your vehicle needs.

Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.

If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product.

Check all fasteners for proper torque. Check to ensure for adequate clearance between all components.

Periodically check all hardware for tightness.

Rough Country recommends a certified technician installs this system. In addition to these instructions, professional knowledge of disassemble/reassembly procedures as well as post installation checks must be known. Attempts to install this system without this knowledge and expertise may jeopardize the integrity and/or operating safety of the vehicle.

⚠ WARNING

As a general rule, the taller a vehicle is the easier it will roll. We strongly recommend, because of rollover possibility, that seat belts and shoulder harnesses should be worn at all times. Avoid situations where a side rollover may occur. Braking performance and capabilities are decreased when significantly larger/heavier tires and wheels are used. Take this into consideration while driving. Also, speedometer recalibration is necessary when larger tires are installed. Do not add, alter, or fabricate any factory or after-market parts which increase vehicle height over the intended height of the Rough Country product purchased. Mixing component brands, lifts, with this suspension lifts voids all warranties. Rough Country makes no claims regarding lifting devices and excludes any and all implied claims. We will not be responsible for any product that is altered.

PRODUCT USE INFORMATION

⚠ NOTICE

NOTICE TO DEALER AND VEHICLE OWNER

Any vehicle equipped with any Rough country product must have the "Warning to Driver" decal installed on the sun visor or dash. The decal is to act as a constant reminder for whoever is operating the vehicle of its unique handling characteristics. **INSTALLING DEALER**—It is your responsibility to install the warning decal and to forward these installation instructions on too the vehicle owner for review and to be kept in the vehicle for its service life.

⚠ NOTICE

Note to installer: Before installation begins we recommend that a test drive be performed. While driving check for uncommon sounds and/or vibrations . What you feel and hear during the test drive will only magnify once lift kit is installed. Advise you to discuss possible issues identified from drive with customer before proceeding to install this kit.

⚠ NOTICE

Airbags will not increase the maximum load capacity.



Kit Contents:

- Air Bag x2
- Dr Upper Bracket x1
- Pass Upper Bracket x1
- Lower Bracket x2
- Lower Strap x2
- 90° Fitting x2
- Inflation Valve x2

Lift Application Only

- Spacer x2

Tools Needed:

- 10mm Socket/Wrench
- 9/16" Socket/Wrench
- Drill
- 21/64" Drill Bit

Hardware Included:

- 3/8" x 3/4" Flat Head Bolts x8
- 3/8" x 4" Carriage Bolts x8
- 3/8" x 4-7/8" x 6-1/4" Sq U-Bolts x2
- 3/8" x 1" Self-tapping Bolts x2
- 3/8" x 1-1/4" Bolts x2
- 3/8" Flag Nuts x2
- 3/8" Flange Nuts x12
- 3/8" Lock Washers x2
- 3/8" Flat Washers x2
- 1/4" DOT Air Line x20ft
- Clamps x4

Lift Application Only

- 3/8" x 1" Bolts x4
- 3/8" Flat Washers x4
- 3/8" Lock Washers x4



▲ NOTICE

Min/Max psi for Airbags:

5-100 psi

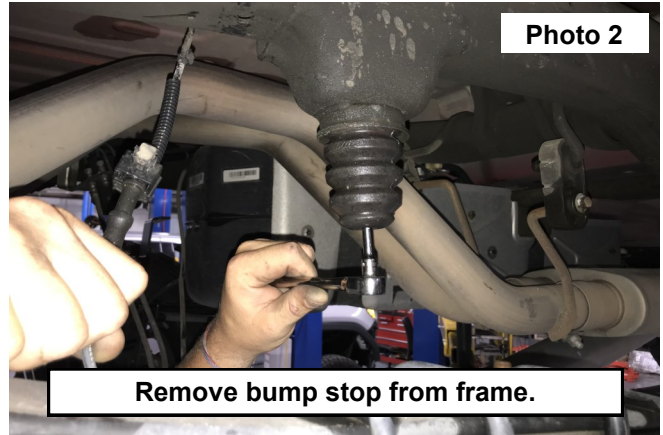
Torque Specs:

Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16"	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8"	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16"	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2"	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16"	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8"	135ft/lbs	175ft/lbs	16MM	130ft/lbs	165ft/lbs
3/4"	185ft/lbs	280ft/lbs	18MM	170ft/lbs	240ft/lbs

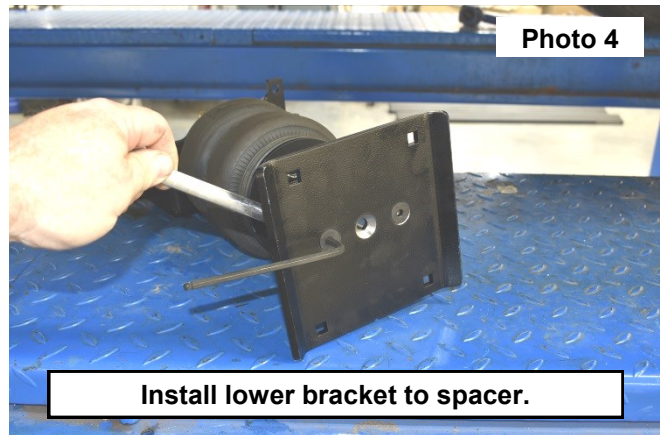
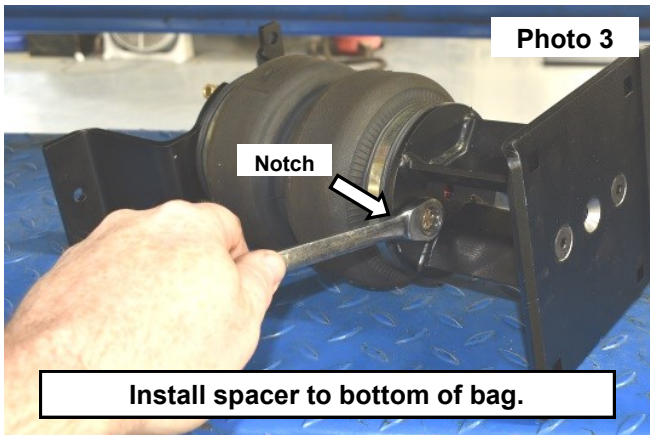


INSTALLATION INSTRUCTIONS

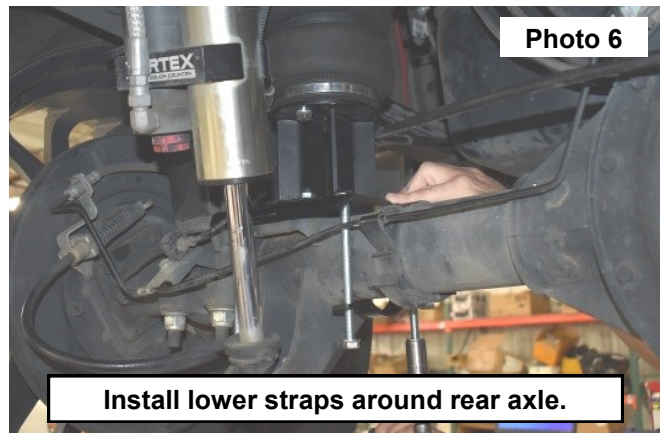
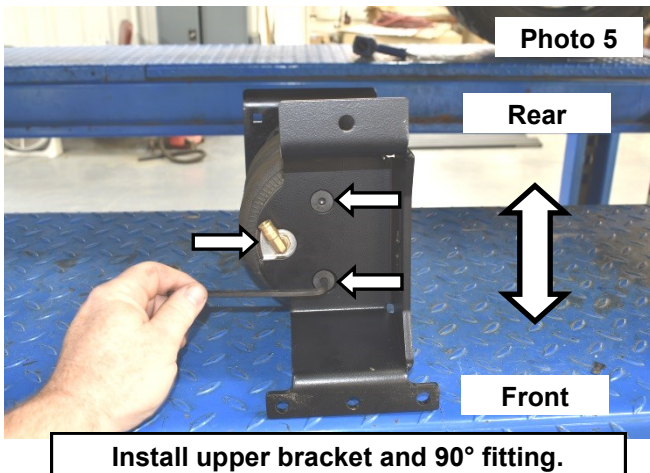
1. **NOTE: The instructions show for a lifted vehicle. For stock ride height, instructions will be the same with the exception of the spacer.**
2. Jack up the rear of the vehicle and place on jack stands.
3. Remove the wheels.
4. Remove the ABS wire from the frame using a trim remove tool. **See Photo 1.**
5. Remove the bump stop from the frame using a 10mm socket. **See Photo 2.**



6. Install the spacer to the bottom of the bag using supplied $3/8"$ x $1-1/4"$ bolts and $9/16"$ socket/wrench. **See Photo 3.** **NOTE: The notch on the rim of the spacer is installed against the airbag and towards the rear.**
7. Install lower brackets to the spacer using supplied $3/8"$ x $3/4"$ flat head bolts and $7/32"$ Allen wrench. **See Photo 4.**



8. Install the upper bracket to the top of the bag using supplied $3/8"$ x $3/4"$ flat head bolts and $7/32"$ Allen wrench. Install the 90° fitting. **See Photo 5.** **NOTE: The side with 1 hole goes toward the rear and side with 3 holes goes toward the front.**
9. Place the air bag assembly on rear axle and secure with the lower straps, $3/8"$ carriage bolts, and $3/8"$ flange nuts using a $9/16"$ socket/wrench. **See Photo 6.**

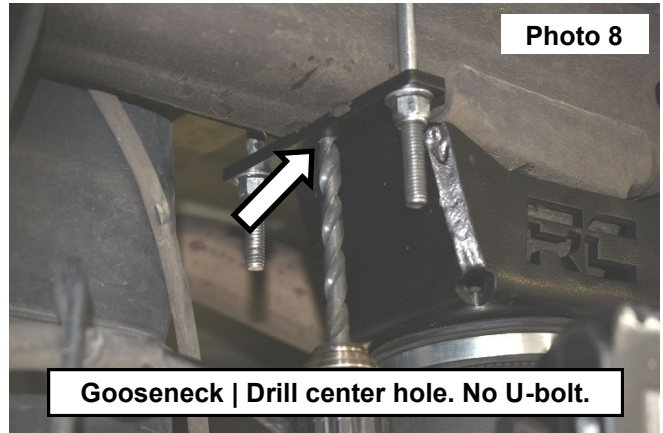
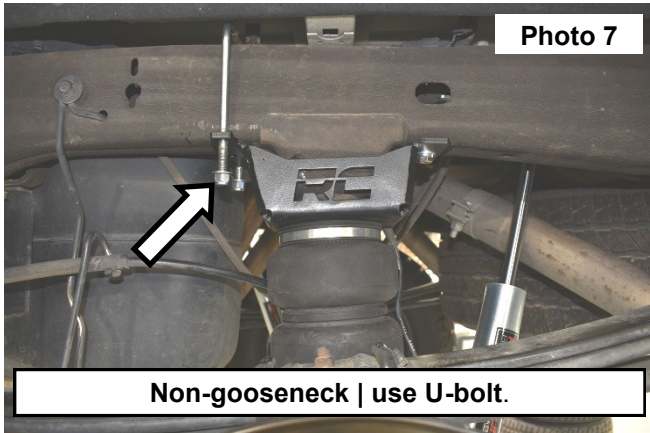


10. **Vehicles without a gooseneck hitch:**

Install the upper bracket to the frame using the 3/8 x 4-7/8 x 6-1/4 square u-bolt, and 3/8" flange nuts. **See Photo 7.**

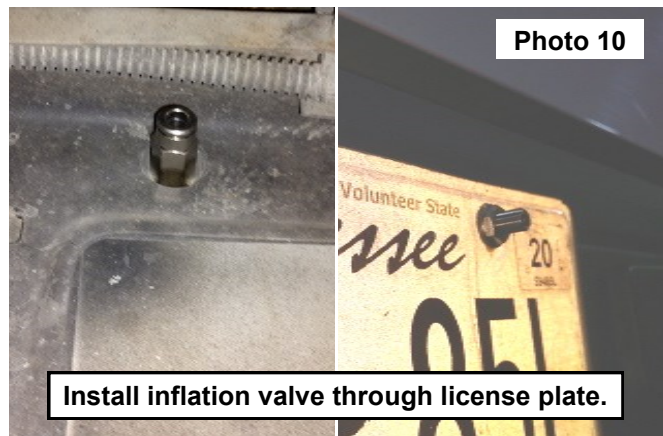
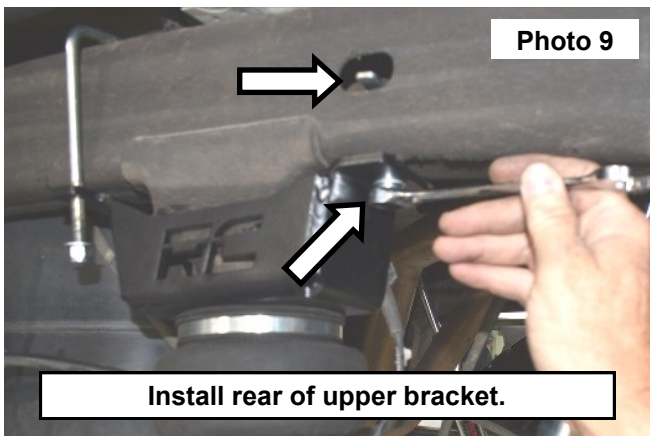
11. **Vehicles with a gooseneck hitch:**

Drill a hole for the center hole on the upper bracket using a 21/64" drill bit and install a 3/8" x 1" self tapping bolt instead of the u-bolts using a 9/16" socket/wrench. **See Photo 8.**



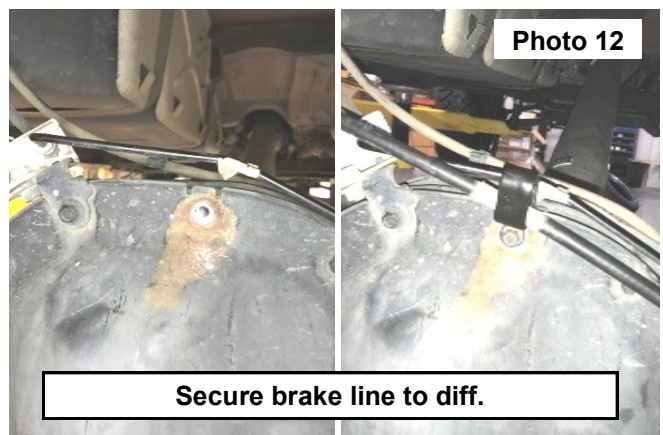
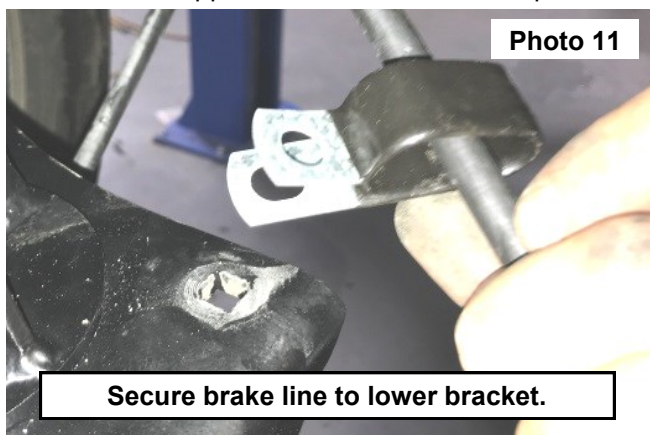
12. Install the rear of the upper bracket using 3/8" x 1-1/4" bolt and flag nut. **See Photo 9.**

13. Install the inflation valve through the license plate and attach the 1/4" DOT airline to the valves. **See Photo 10.**



14. Secure the brake lines using the clamps on the lower bracket of the air bag. **See Photo 11.**

15. Remove the upper diff bolt and install clamp so secure the brake line brackets. **See Photo 12.**



16. Put on wheels and lower.

By purchasing any item sold by Rough Country, LLC, the buyer expressly warrants that he/she is in compliance with all applicable, State, and Local laws and regulations regarding the purchase, ownership, and use of the item. It shall be the buyers responsibility to comply with all Federal, State and Local laws governing the sales of any items listed, illustrated or sold. The buyer expressly agrees to indemnify and hold harmless Rough Country, LLC for all claims resulting directly or indirectly from the purchase, ownership, or use of the items.

