TRAIL FORTRESS

BUILT FOR THE TRAIL. CHECKED FOR YOUR TRUCK.

Rough Country 38430 Installation Instructions

5-Inch Lift Kit for Ram 3500 Diesel with Factory Rear Air Springs

Part number: 38430

trailfortress.com/5-inch-lift-kit-ram-3500-diesel-with-factory-rear-air-springs-rough-country-38430

Scan for fitment, price and install help

ROUGH COUNTRY SUSPENSION SYSTEMS®

921309300

3093BAG

RAM 2020 3500 DRW Rear Air Bag Spacer

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.

Product Use Information

⚠WARNING As a general rule, the taller a vehicle is the easier it will roll. We strongly recommend, because of rollover possibility, that the vehicle be equipped with a functional roll-bar and cage system. Seat belts and should harnesses should be worn at all times. Avoid situations where a side rollover may occur.

Also check the steering stabilizer. It is a good idea when adding larger than stock tires to go with a larger bore steering stabilizer or a dual unit for tires 35” and above. Inspect the stabilizer and replace as necessary.

Braking performance and capability are decreased when significantly large/heavier tires and wheels are used. Take this into consideration while driving.

Do no 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, and/or combining body lift with 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.

This suspension system was developed for 37x12.50 tire on an aftermarket wheel with a minimum of 5” back spacing. When larger tires are installed, speedometer recalibration is necessary. Due to ride height inconsistencies from the factory you may need to slightly trim the front plastic valance for proper tire clearance.

⚠NOTICE **On vehicles equipped with a two piece driveshaft & carrier bearing as on the Mega Cab, there is the potential for take off vibration, depending on the severity this can be corrected with shimming down the carrier bearing with the included shims and hardware.**

⚠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 to the vehicle owner for review and to be kept in the vehicle for its service life.**

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

trailfortress.com/5-inch-lift-kit-ram-3500-diesel-with-factory-rear-air-springs-rough-country-38430

BOX KIT

30930BOX1

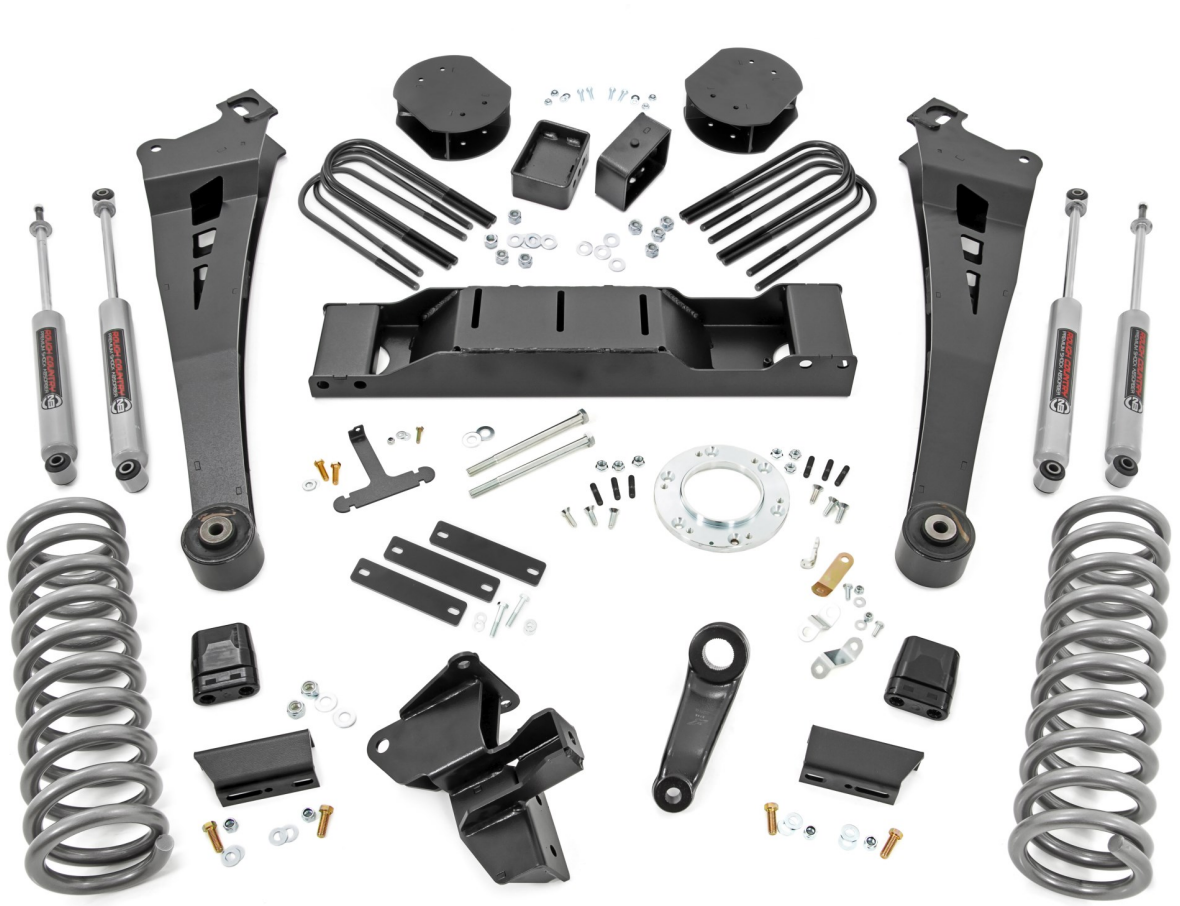
30930BAG x1
30930BAG1 x1
Rear Air Bag Spacers x1
9/16” x 4 1/8” x 13 1/2” Ubolts x4

30930BAG

Instruction Sheet Bag x1

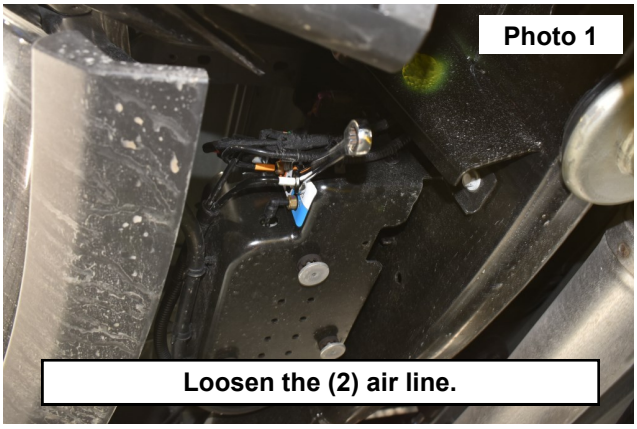
30930BAG1

5/16-18 x 3/4 Hex Head Bolts x4
5/16 Flat Washers x4
5/16-18 Flange Lock Washers x4



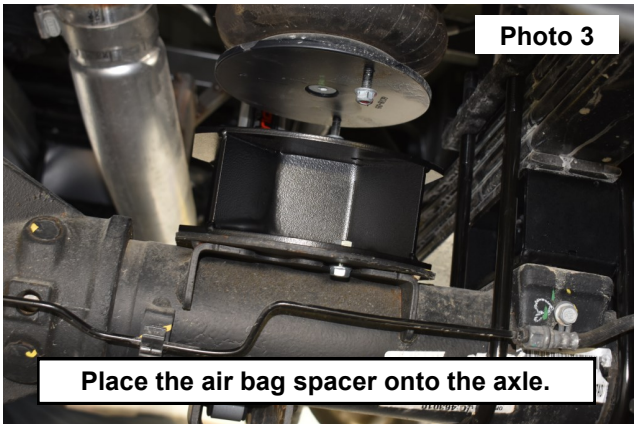
INSTALLATION INSTRUCTONS

1. **Install the supplied block from 37530BOX1 using the supplied shorter ubolts from 30930BOX1.**
2. Use a 12mm wrench to loosen the (2) air lines on the air compressor located in front of right rear wheel under bed of truck. This is to let the air move to compress the bags. **NOTE:** Use extra caution loosening the lines. **See Photo 1.**
3. Use a 13mm socket to remove the (2) nuts from the air bag axle mount. **See Photo 2.** Retain hardware.



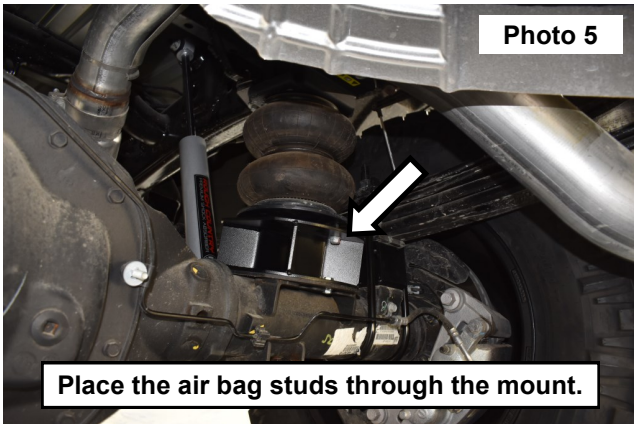


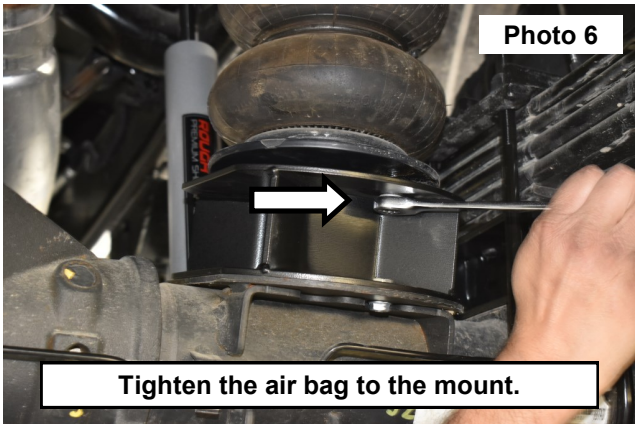
4. Place the air bag spacer onto the axle. **See Photo 3.**
5. Secure the spacer using (2) of the supplied 5/16-18 x 3/4 Hex Head Bolts and (2) 5/16 Flat Washers into the spacer and (2) 5/16-18 Flange Lock Nuts. Tighten using a 13mm socket and wrench. **See Photo 4.**





6. Place the air bag studs through the mount and secure using the retained nuts. **See Photo 5.**
7. Tighten the air bag to the spacer using a 13mm wrench. **See Photo 6.**
8. Repeat steps 1-6 on the opposite side of the vehicle.
9. Connect the (2) air line fittings to the air compressor. Use a 12mm wrench to tighten the fittings. **NOTE:** Use extra caution tightening the lines.







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.