

# ROUGH COUNTRY

## SUSPENSION SYSTEMS®

### FORD 2017-22 F-250/F-350 Rear Air Bag Kit for Lifted Application

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.

#### Kit Contents:

Air Springs x2  
 Dr Upper Air Spring Mount x1  
 Pass Upper Air Spring Mount x1  
 Lower Air Spring Mounts x2  
 Lower Air Spring Mounts Top x2  
 Dr Lower Mounting Bracket x1  
 Pass Lower Mounting Bracket x1  
 Lower Straps x2  
 1/4" DOT Air Line x20ft  
 90° Fitting x2  
 Inflation Valves x2

#### Tools Needed:

3/8" Socket/Wrench  
 9/16" Socket/Wrench  
 3/4" Socket/Wrench

#### Hardware Included:

3/8" x 4" Carriage Bolts x4  
 3/8" x 3/4" Flat Head Bolts x4  
 3/8" x 1-1/4" Flat Head Bolts x4  
 3/8" Body Clips x4  
 3/8" x 1" Hex Bolts x16  
 3/8" Lock Washers x4  
 3/8" Flat Washers x16  
 3/8" Flange Lock Nuts x16  
 Zip Ties x6



#### Torque Specs:

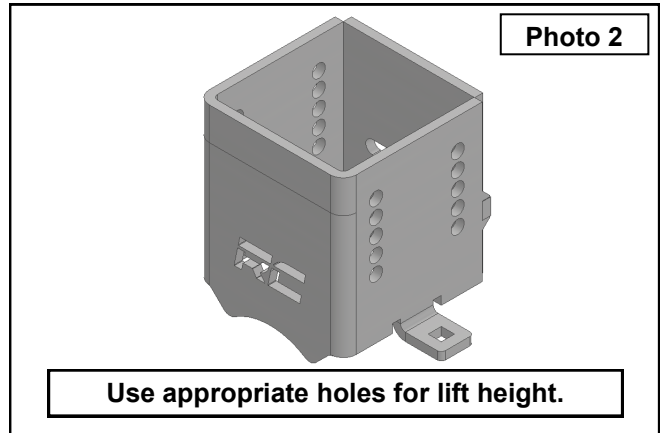
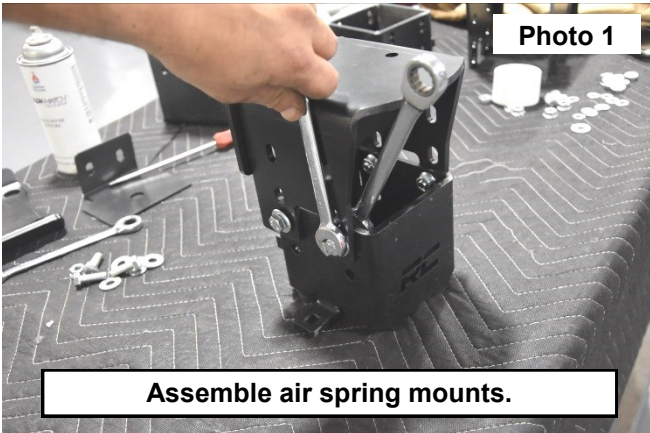
Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16"	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8"	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16"	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2"	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16"	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8"	135ft/lbs	175ft/lbs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



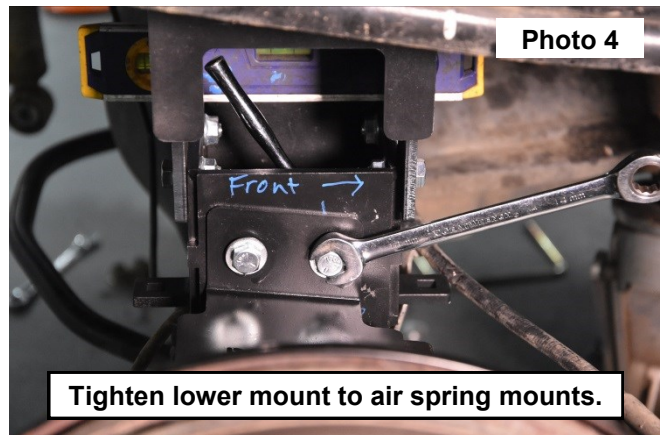
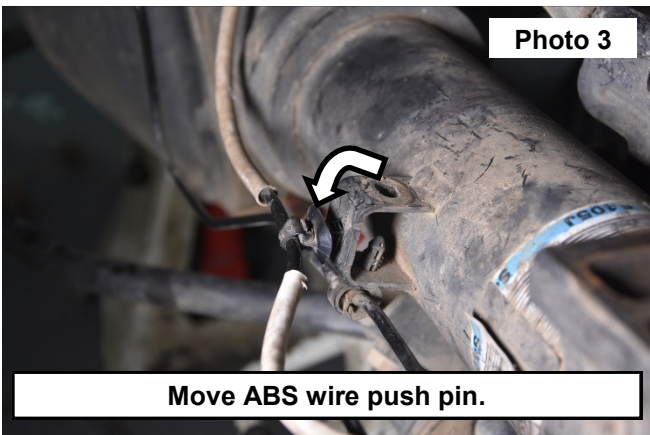
## INSTALLATION INSTRUCTIONS

1. Jack up the rear of the vehicle and place on jack stands. Remove the rear wheels.
2. Assemble the lower air spring mounts using the supplied 3/8" x 1" bolts, nuts, and washers using two 9/16" sockets/wrenches. Use the appropriate holes for your vehicles lift height. **See Photo 1** and **Photo 2**.

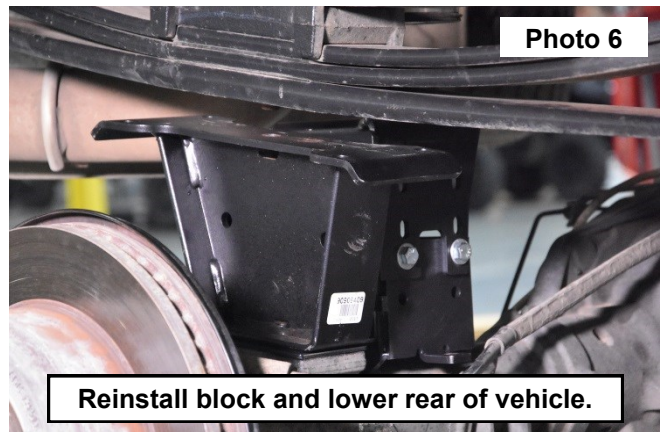
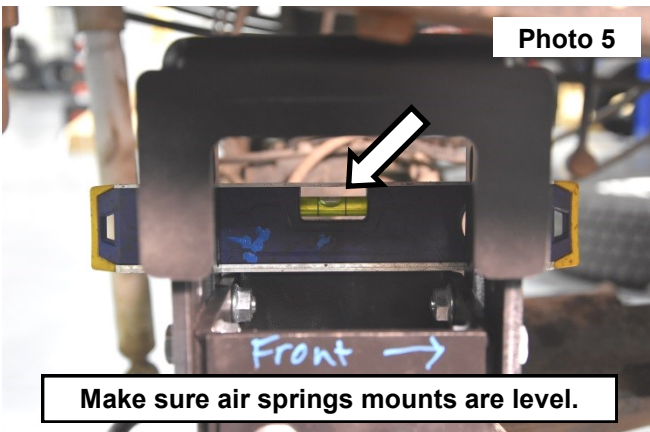
**NOTE: The distances from the top of the lower mount and the bottom of the frame should be approximately 5.5" to 6".**



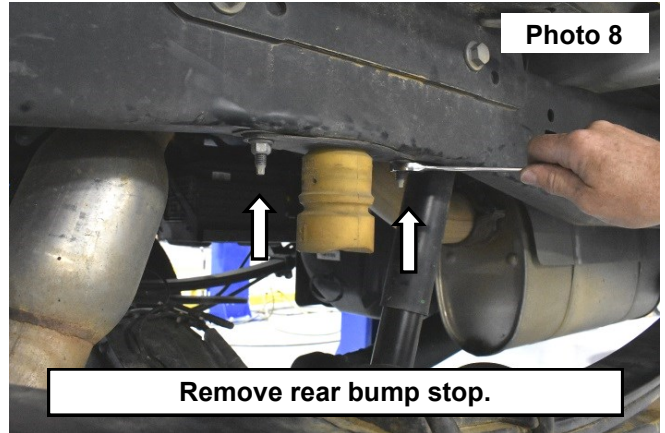
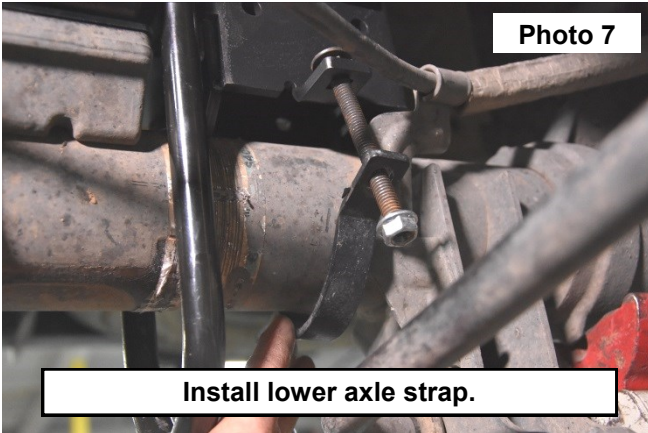
3. Move the ABS wire push pin from the top hole in the axle bracket to the side hole. **See Photo 3**.
4. Support the axle and loosen the rear U-bolts. Raise the rear of the vehicle up a few inches and remove the rear blocks. Install the air spring mounts on top of the axle and install the lower mounting brackets to the air spring mounts (marked D and P for Driver and Pass sides) using the supplied 3/8" x 1" bolts, nuts, and washers using two 9/16" sockets/wrenches. **See Photo 4**.



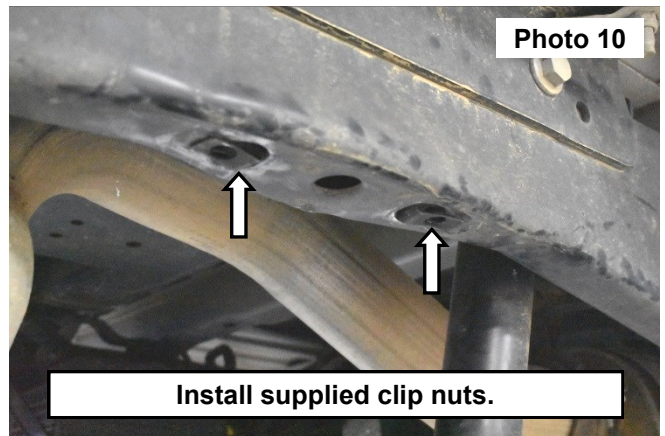
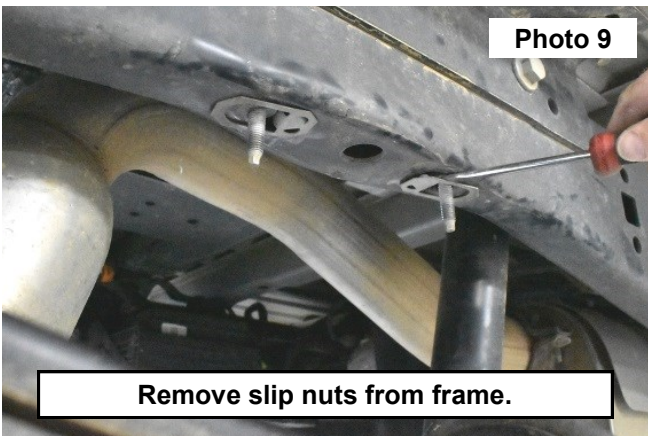
5. Make sure the air spring mounts are level. **See Photo 5**.
6. Reinstall the block and lower the rear of the vehicle enough to keep the block secure. **See Photo 6**.



7. Install the lower axle strap with the supplied 3/8" x 4" black-coated carriage bolts and flange nuts using a 9/16" socket/wrench. **See Photo 7.**
8. Remove the rear bump stop using a 15mm socket/wrench. **See Photo 8.**



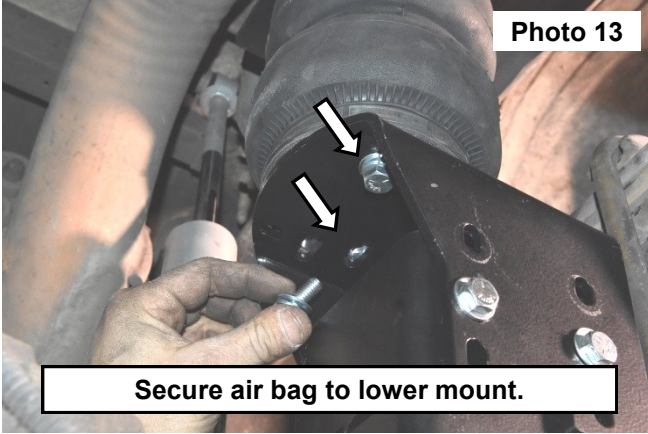
9. Remove the clip nuts from the frame. **See Photo 9.**
10. Install the supplied clip nuts in the stock location. **NOTE: Be sure to fully seat the clip nuts. See Photo 10.**



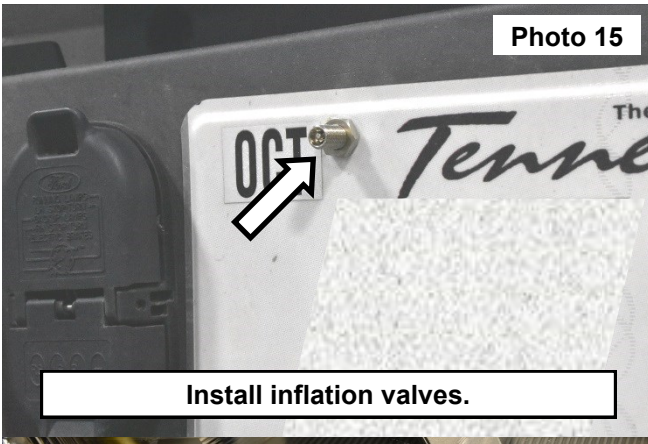
11. Install the 90° fitting in the top of the air bag using a 14mm wrench. **See Photo 11.**
12. Place the top bracket on the air bag and install the supplied 3/8" x 3/4" flat head bolts using a 7/32" Allen wrench. **See Photo 12. NOTE: The Bracket will have a "D" or "P" marked for driver and passenger side.**



13. Secure the air bag to the lower mounting using the supplied 3/8" x 1" bolts, lock washers, and flat washers using a 9/16" socket/wrench. **See Photo 13.**
14. Remove the license plate screws. **See Photo 14.**



15. Install inflation valves in the stock screw locations. **See Photo 15.**
16. Install the supplied 1/4" DOT air line in the inflation valve and 90° fitting. **See Photo 16.**
- NOTE: Max/Min for Airbags is 5-100 psi.**



17. Use zip ties to secure excess air line.
18. 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.

