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Rough Country 10024 Installation Instructions

Air Spring Kit for 2007–2021 Toyota Tundra

Part number: 10024

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Scan for fitment, price and install help

ROUGH COUNTRY SUSPENSION SYSTEMS®

TOYOTA 2007-21 Tundra 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.

Kit Contents:
Air Springs x2
Dr Side Upper Bracket x1
Pass Side Upper Bracket x1
Dr Side Lower Bracket x1
Pass Side Lower Bracket x1
Straight Fittings x2
Inflation Valves x2
1/4” Air line x20ft

Tools Needed:
7/32” Allen Wrench
9/16” Socket/Wrench
13/16” Socket/Wrench

Hardware Included:
3/8” x 3/4” Flat Head Bolts x4
3/8” x 1” Hex Bolts x4
3/8” x 3-7/8” x 6-1/4” U-Bolts x4
3/8” Flat Washers x4
3/8” Lock Washers x4
3/8” Flange Lock Nuts x8
7/16” x 3-1/8 x 3-1/4” U-Bolts x4
7/16” Lock Nuts x8
7/16” Flat Washers x8
Zip Ties x6

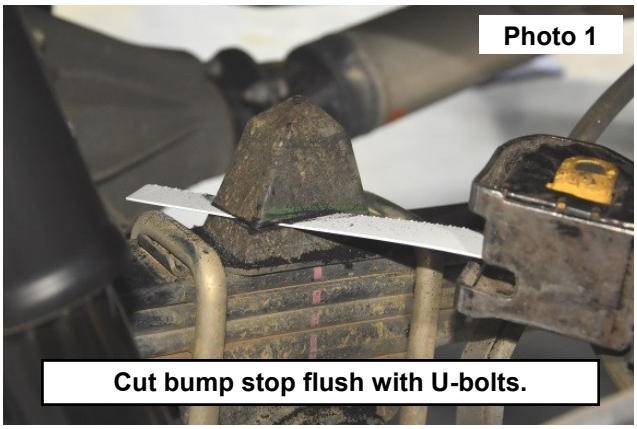


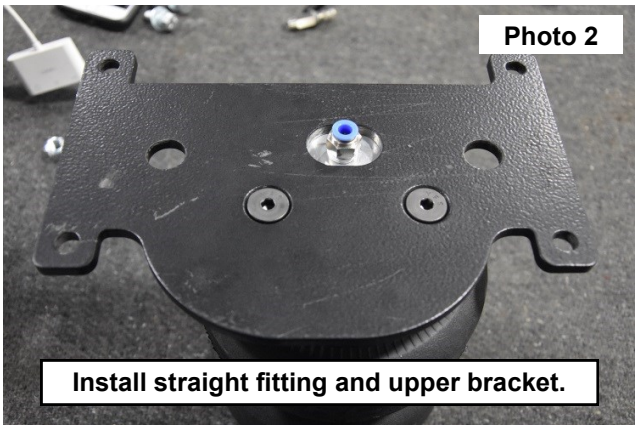
Torque Specs:

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

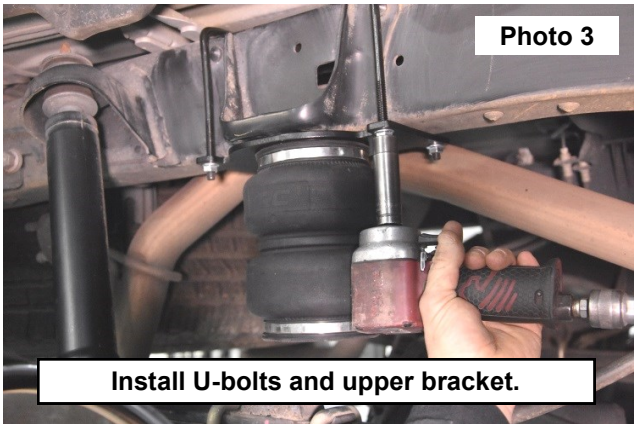
INSTALLATION INSTRUCTIONS

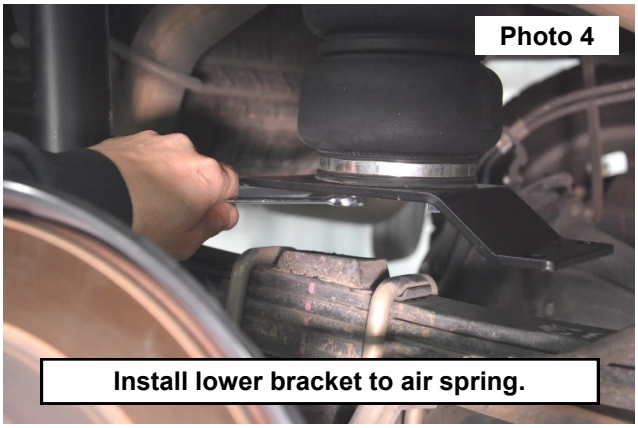
1. Jack up the rear of the vehicle and place on jack stands.
2. Cut the bump stop flush with the leaf-spring U-bolts. **See Photo 1**.
3. Apply thread tape to the straight fitting and install the straight fitting and upper air spring mount with the supplied 3/8” flat head bolts using a 7/32” Allen wrench. **See Photo 2**.



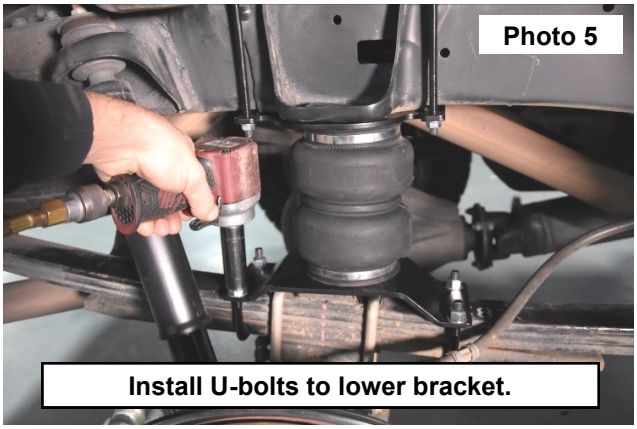


4. Install the long U-bolts over the frame and install the upper bracket to the U-bolts with the supplied 3/8” lock nuts using a 9/16” socket/wrench. **See Photo 3**.
5. Install the lower bracket to the air spring with the supplied 3/8” x 1” hex bolts, lock washers, and flat washers using a 9/16” socket/wrench. **See Photo 4**.





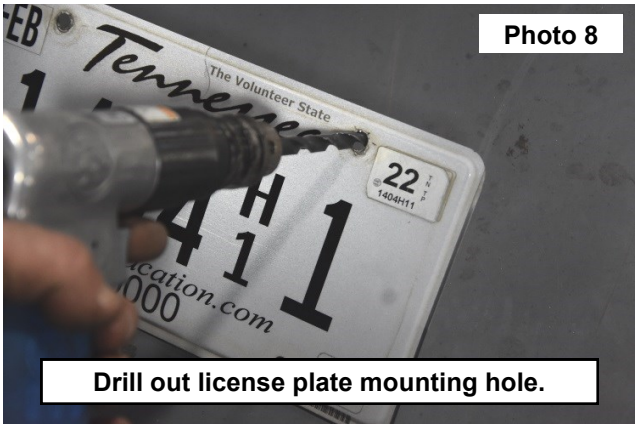
6. Install the short U-bolts under the leaf springs and secure them to the lower mount of the air spring with the supplied 7/16” lock nuts and flat washers using a 13/16” socket/wrench. **See Photo 5**.
7. Remove the license plate bolts. **See Photo 6**.



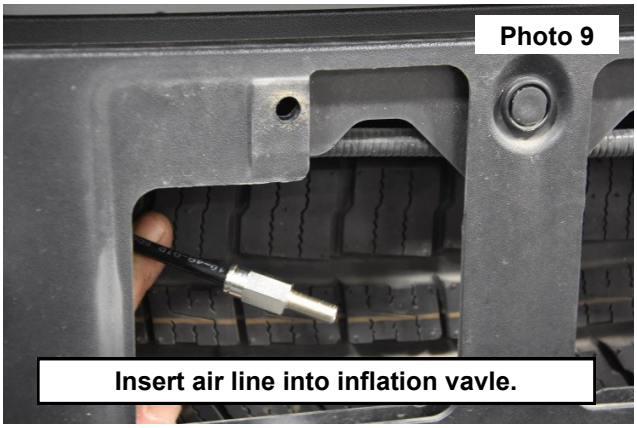


8. Drill out the license plate mounting hole in the vehicle and plate using a 5/16” drill bit. **See Photo 7** and **Photo 8**.





9. Insert the air line into the inflation valve and install the inflation valve through the license plate mounting hole using a 12mm socket/wrench. **See Photo 9** and **Photo 10**.





10. Install the other end of the air line to the straight fitting in the top of the air spring.
11. Use zip ties to secure air line out of harms way.
12. Put on wheels and lower.

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