Rough Country 10019 Installation Instructions

Universal Air Spring Cradle for Convoluted Air Bags

Part number: 10019

trailfortress.com/universal-air-spring-cradle-convoluted-air-bags-rough-country-10019

Scan for fitment, price and install help

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ROUGH COUNTRY
SUSPENSION SYSTEMS®

Universal Air Spring Cradle

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 questions 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 Spring Cradle

Tools Needed:
9/16” Socket/Wrench
Drill
11/32” Drill Bit

Hardware Included:
3/8” x 1-1/4” Bolts x2
3/8” Washers x2
3/8” Flange Nuts x2
3/8 x 1” Flat Head Bolts x2



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

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 buyer’s 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.

INSTALLATION INSTRUCTIONS

1. Jack up the rear of the vehicle and place on jack stands. Remove the rear wheels.
2. **NOTE: If this kit is being installed with <u>an existing air spring</u>, leave the air spring installed to the upper mount but remove the lower mount from the air spring.**
   If this kit is being installed with <u>a new air spring</u>, follow the instructions for installing the upper mount and assembling the air spring components, but do not install the lower mount to the air spring.
3. Install the cradle to the lower mount with the supplied 3/8” x 1-1/4” bolt, nut, and washer using two 9/16” sockets/ wrenches. If flat head bolt is used, it will be installed through the bottom of the lower bracket and the flange nut will be on the top.
   NOTE: The lower mount may need a hole drilled with a 13/32” drill bit if there is not a hole already.
   If so, align the cradle with the air springs, mark through the center hole in the cradle using a paint pen, remove the cradle, and drill.
4. Reinstall wheels and lower.

NOTE: The Upper Mount may look different depending on vehicle.



Upper Mount

Air Spring

Cradle

Lower Mount

NOTE: The Lower Mount may look different depending on vehicle.

