ReadyAIR 1-3" Lift Spacer Kit (PN: 88-91003)



INTRODUCTION

In this guide we'll show you how to properly install the 1-3" ReadyAIR Lift Spacer Kit.

READ INSTRUCTIONS THOROUGHLY AND COMPLETELY BEFORE INSTALLATION.

INSTALLATION BY A CERTIFIED PROFESSIONAL MECHANIC IS HIGHLY RECOMMENDED.

LOGIQTM IS NOT RESPONSIBLE FOR ANY DAMAGE OR FAILURE RESULTING FROM IMPROPER INSTALLATION.

Note: If your ReadyAIR product has a damaged or missing part, please contact customer service directly at 800-549-4620 and a new replacement part will be sent to you immediately. For warranty issues, please return to the place of installation and contact LOGIQ via email at tech@LOGIQair.com.

WARRANTY

LOGIQTM provides a limited lifetime warranty to the original purchaser of products, that the product be free from defects in workmanship and materials when used on cars and trucks as specified by LOGIQTM and under normal operating conditions. This warranty is subject to the requirements and exclusions set forth in the full Limited Warranty and Return Policy that is available at logiqair.com/warranty. Air compressors are a wearing component and are covered by a 2-year warranty from the date of purchase. The warranty does not provide coverage for abuse, operation in a manner not consistent with the product's design, or damage resulting from exposure to the elements.

WARNINGS & DISCLAIMERS

By installing this product you acknowledge that the suspension of this vehicle has been modified. As a result, this vehicle may handle differently than that of factory-equipped vehicles. As with any vehicle, extreme care must be used to prevent loss of control or roll-over during sharp turns or abrupt maneuvers. Always wear seat belts, and drive safely, recognizing that reduced speeds and specialized driving techniques may be required. Failure to drive this vehicle safely may result in serious injury or death. Do not drive this vehicle unless you are familiar with its unique handling characteristics and are confident of your ability to maintain control under all driving conditions. Some modifications (and combinations of modifications) are not recommended and may not be permitted in your state. Consult your owner's manual, the instructions accompanying this product, and state laws before undertaking these modifications. You are responsible for the legality and safety of the vehicle you modify using these components.

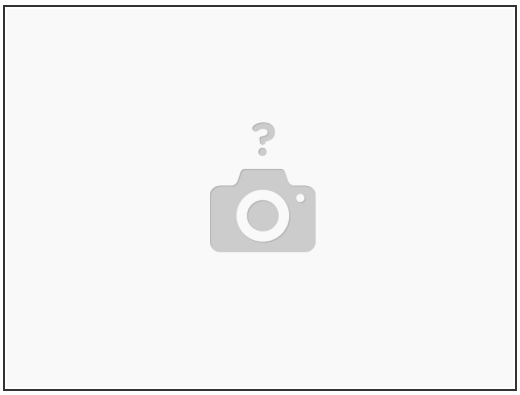
TOOLS:

- Safety Glasses (1)
- Floor Jack or Lift (1)
- Jack Stand (2)
- Torque Wrench (1)
- 3/8" Drive Ratchet (1)
- 7/16" Socket (1)
- 9/16" Socket (1)
- 9/16" Crowsfoot (1)

PARTS:

- 1" Air Spring Lift Spacer (6)
- 3/8"-16 x 1.75" Hex Head Bolt (4)
- 3/8"-16 x 1.25" Hex Head Bolt (4)
- 3/8"-16 x 1" Hex Head Bolt (4)
- 3/8"-16 Nylock Nut (4)
- 3/8" Flat Washer (8)
- 1/4"-20 x 1.75" Hex Head Bolt (8)
- 1/4"-20 Nylock Nut (8)
- 1/4" Flat Washer (8)
- 3/8" Hex Spacer (4)
- 1/4" Hex Spacer (8)
- 2mL Red Threadlocker Packet (1)

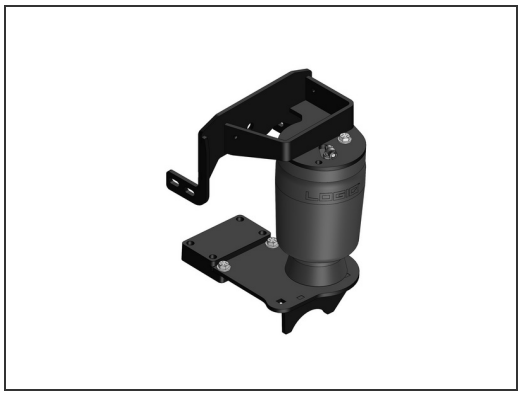
Step 1 — Prepare Truck

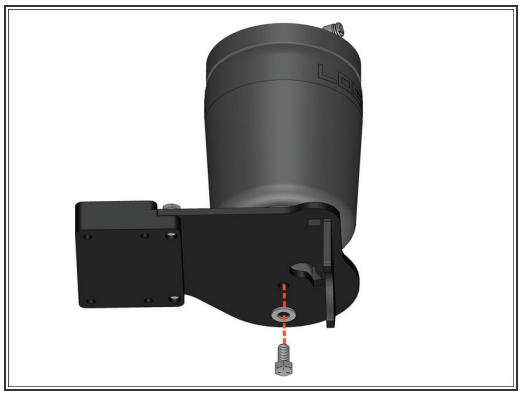


- Note original ride height measurement from center of rear fender arch to ground.
- Measure your lift block to determine the difference from stock (i.e. 1", 2", 3")
- Safely lift truck and support with jack stands under axle. Remove the rear wheels.

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Step 2 — Remove Air Springs





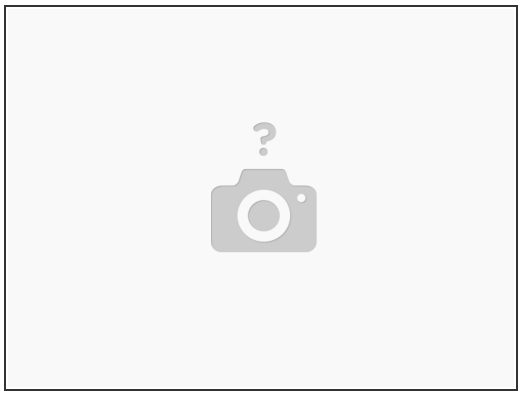
- Fully deflate air springs and disconnect air line from the air fitting.
- Remove the upper and lower air spring mounting hardware. Droop the suspension for easier removal of the assembly.

⚠ **You do not need to remove the lower air spring bolt if you are installing a 1" lift.**

ⓘ Your upper and lower brackets may look different depending on the ReadyAIR Kit you have.

- Un-bolt the two 3/8" bolts holding the upper bracket to the air spring.
- Repeat for passenger side.
- Unless installing a 1" lift, remove the one 3/8" bolt holding the lower bracket to the air spring and remove from vehicle.
- Repeat for passenger side.

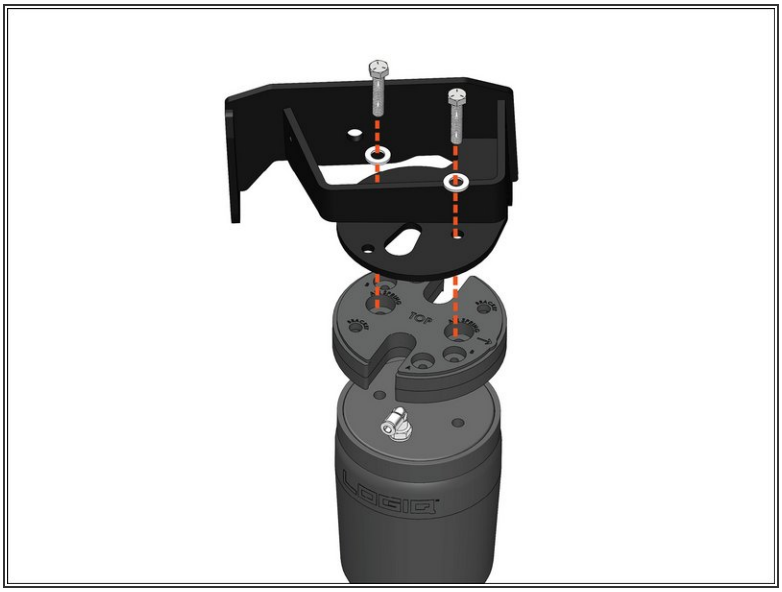
Step 3 — Spacer Install

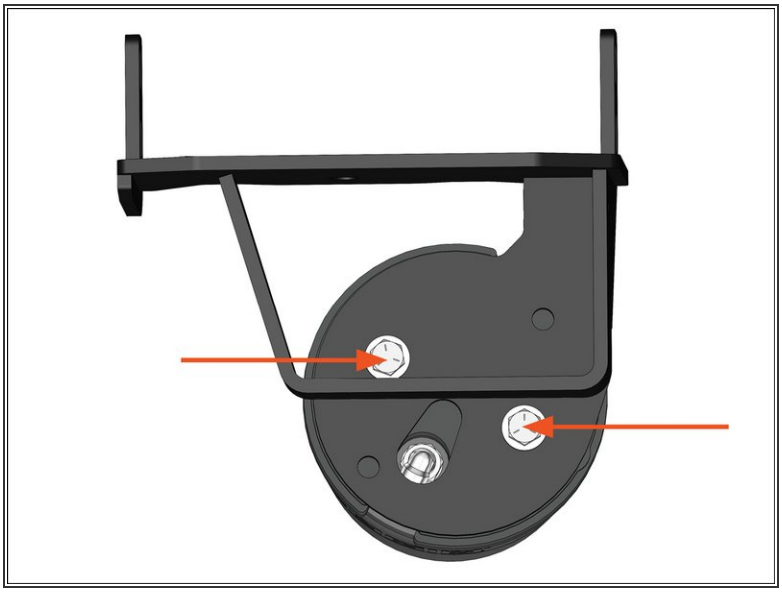


- Reference the lift amount step in the following steps that matches your lift block amount and then follow the steps to Prepare your A, B and Final spacers accordingly.

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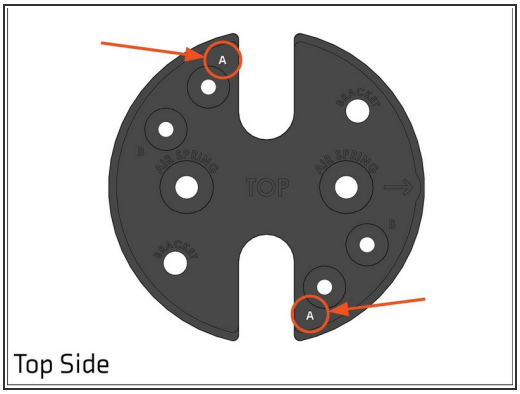
Step 4 — 1" Lift



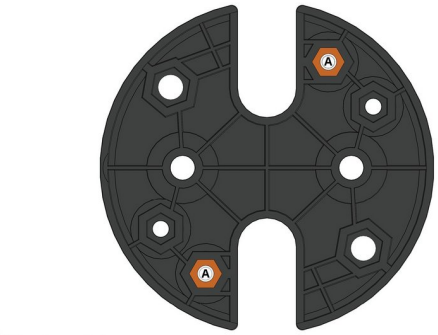


- Bolt one lift spacer between the air spring and upper bracket using the "AIR SPRING" holes and supplied 1.75" long 3/8" bolts with flat washers. Apply some threadlocker to each bolt.
- Torque the 3/8" hardware to **15 FT. LB.**
- Reconnect air line to the air fitting.
- Repeat for passenger side.
- Refer to Steps 10 & 11 for verifying fitment and Final Safety Checks.

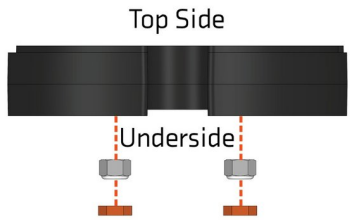
Step 5 — Prep "A" Spacers



Top Side



Underside



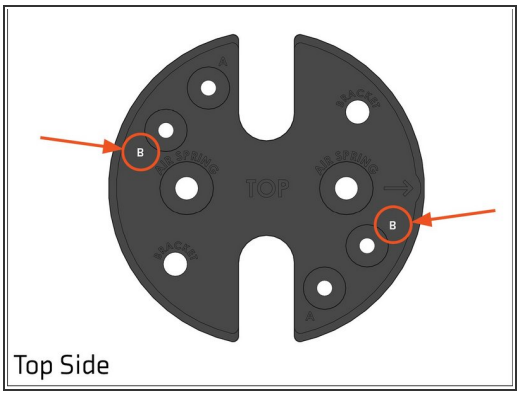
Side View

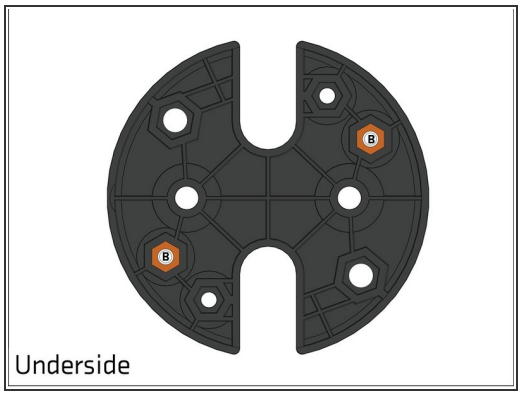
- For 2-3 inch lifts, the lift spacers need to be prepped with hardware before assembling to the air spring.
- Place a 1/4"-20 nut in the two hex holes on the underside of the lift spacer that correspond to the holes marked "A" on top of the lift spacer.

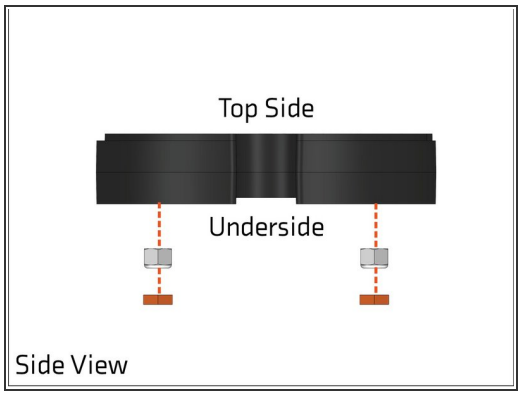
⚠ Make sure ALL nuts are oriented with the nylock portion of nut facing out, as shown, when they are inserted into the hex holes.

- Press a 1/4" hex spacer in the two hex holes, on top of the nuts, as shown. This will secure the nuts in the hex holes.
- Prep as many "A" spacers as necessary for your lift height.

Step 6 — Prep "B" Spacers



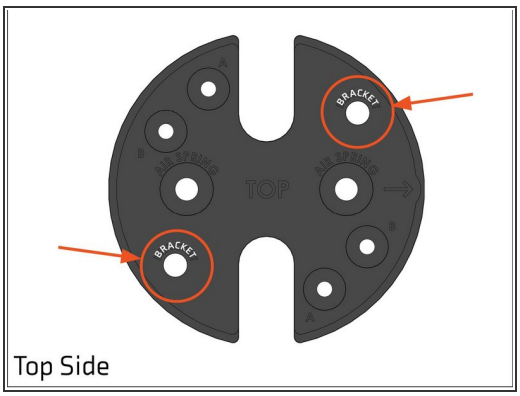


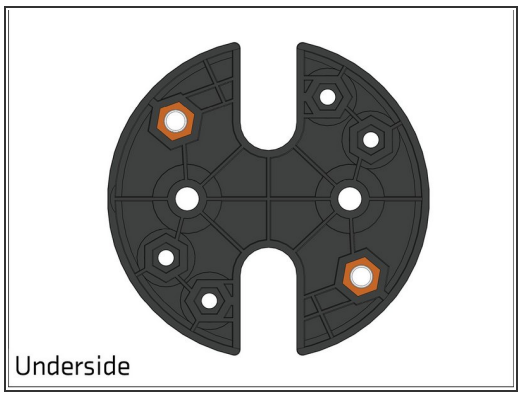


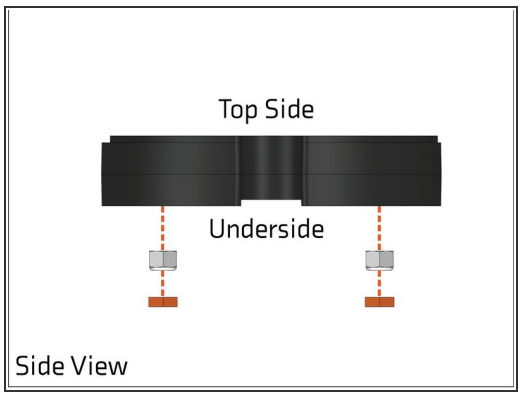
⚠ Skip this step if you are installing a 2 inch lift.

- Place a 1/4"-20 nut in the two hex holes on the underside of the lift spacer that correspond to the holes marked "B" on top of the lift spacer.
- Press a 1/4" hex spacer in the two hex holes, on top of the nuts, as shown. This will secure the nuts in the hex holes.
- Prep as many "B" spacers as necessary for your lift height.

Step 7 — Prep Final Spacers

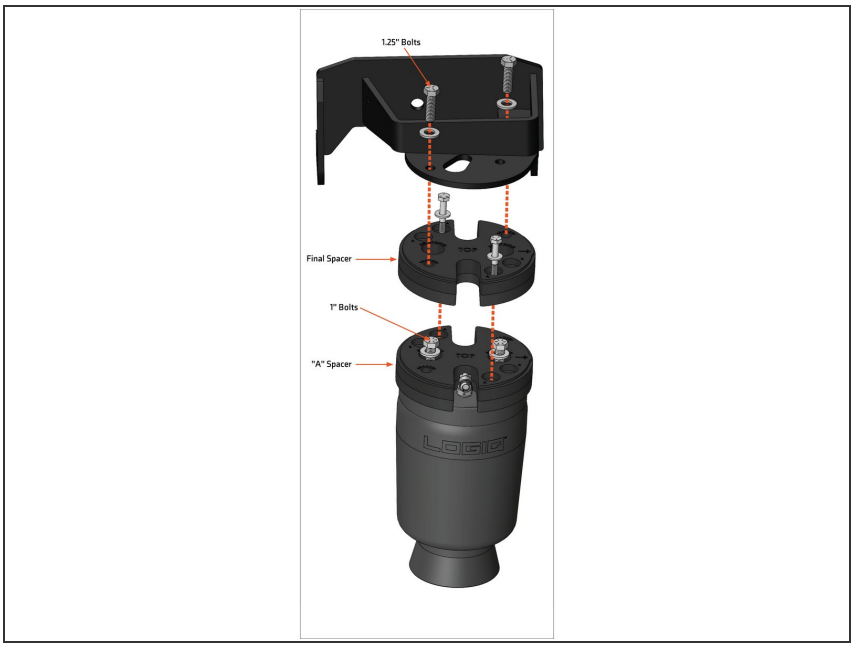






- For the final spacer in your stack, place a 3/8"-16 nut in the two hex holes on the underside of the lift spacer that correspond to the holes marked "BRACKET" on top of the lift spacer.
- Press a 3/8" hex spacer in the two hex holes, on top of the nuts, as shown. This will secure the nuts in the hex holes.

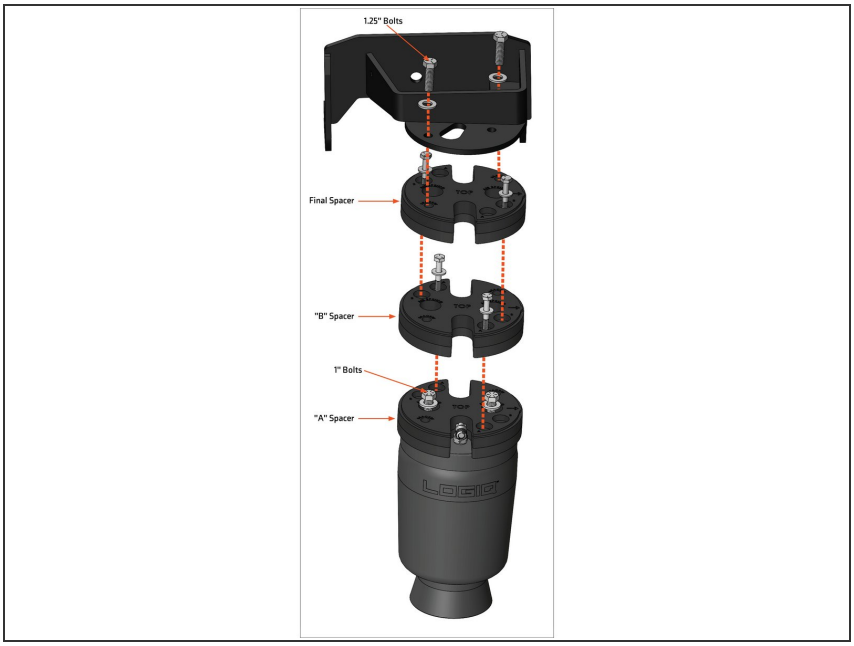
Step 8 — 2" Lift



⚠ TORQUE EACH SET OF HARDWARE BEFORE INSTALLING THE NEXT SPACER/BRACKET.

- Attach the prepped "A" spacer to the air spring through the "AIR SPRING" holes using the supplied 1" long 3/8" bolts and washers. Apply some threadlocker to each bolt.
- Attach the final spacer to the assembly through the holes marked "A" using the supplied 1/4" bolts with washers.
- Attach the upper bracket to the assembly through the "BRACKET" holes using the supplied 1.25" long 3/8" bolts with washers.
- Torque 1/4" hardware to **7 FT. LB.** and Torque 3/8" hardware to **15 FT. LB.**
- Once the upper bracket hardware has been torqued, attach the air spring assembly to the lower bracket. Snug the bolt and back it off a quarter turn.
- Re-install the air spring assembly to the truck and fill the air springs with 10 psi, then torque the lower bolt to **15 FT. LB.**

Step 9 — 3" Lift



⚠ TORQUE EACH SET OF HARDWARE BEFORE INSTALLING THE NEXT SPACER/BRACKET.

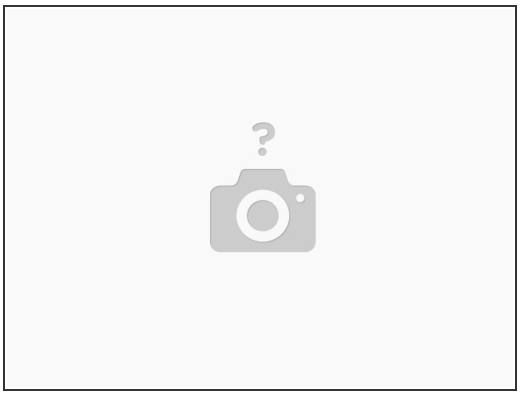
- Attach the spacers to the air spring in an alternating A-B fashion starting with an "A" spacer and ending with the final spacer.
- The first "A" spacer is attached to the air spring through the "AIR SPRING" holes with the supplied 1" long 3/8" bolts with washers. Apply some threadlocker to each bolt.
- Follow the diagram to attach the other spacers using the 1/4" bolts with washers.
- Attach the upper bracket to the assembly through the "BRACKET" holes using the supplied 1.25" long 3/8" bolts with washers.
- Torque 1/4" hardware to **7 FT. LB.** and Torque 3/8" hardware to **15 FT. LB.**
- Once the upper bracket hardware has been torqued, attach the air spring assembly to the lower bracket. Snug the bolt and back it off a quarter turn.
- Re-install the air spring assembly to the truck and fill the air springs with 10 psi, then torque the lower bolt to **15 FT. LB.**

Step 10 — Verify Truck Fitment



- Verify the installed height of your air springs is 9" +/- 1" with no load in the truck and 10 psi in the air springs.
- Installed height is the distance between the upper air spring mounting plate and the lower air spring mounting plate.

Step 11 — Final Safety Checks



- Check for leaks at fittings with soapy water.
- Verify all fasteners are torqued properly.
- Verify at least 10 psi in air spring before driving.

Congratulations! You have successfully installed your new ReadyAIR Lift Spacer kit!

If you have any questions or concerns, please contact LOGIQ at 800-549-4620.

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