



**SDHQ Motorsports**  
190 S McQueen Rd  
Ste 109 Gilbert, AZ 85233  
Phone: 480-633-2929

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## Product Packing List

**Product:** SDHQ-33-1103-G5

**Description:** 2019+ Ram 1500/TRX ARB/Viair Air  
Compressor Mount

_____	(1) Main Compressor Mount	SDHQ-33-1103-G5-A
_____	(1) Air Chuck Mount	SDHQ-30-1103-G5-B
_____	(1) Hardware Package	SDHQ-33-1103-G5-HP
_____	(2) 1/4"-20 x 3/4" S.S. Button Head Bolts	
_____	(2) 1/4"-20 No-Slip Clip-On Barrel Nuts	
_____	(4) 1/4" S.S. Washers	
_____	(2) M5-0.8 S.S. Nylock Nuts	
_____	(2) M5-0.8 x 20mm S.S. Button Head Bolts	
_____	(1) Quick Disconnect Hose Coupler	
_____	(1) Brass Through Wall Coupler	
_____	(2) 1/4" OD Push to Connect Tube Fitting	
_____	(1) 15" of 1/4" Air Hose	
_____	(1) Tube of Blue Loctite	

Inspected and Packaged By: \_\_\_\_\_ Date: \_\_\_\_\_

**For questions or help with the installation, please call SDHQ Offroad @ 480-633-2929  
Mon.–Fri. 8:00am–5:30pm and Sat. 8:00am–3:30pm Arizona Time. [www.sdhqoffroad.com](http://www.sdhqoffroad.com)**



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## INSTALLATION INSTRUCTIONS

**Product:** SDHQ-33-1103-G5

**Description:** 2019+ Ram 1500/TRX ARB/Viair Air Compressor Mount



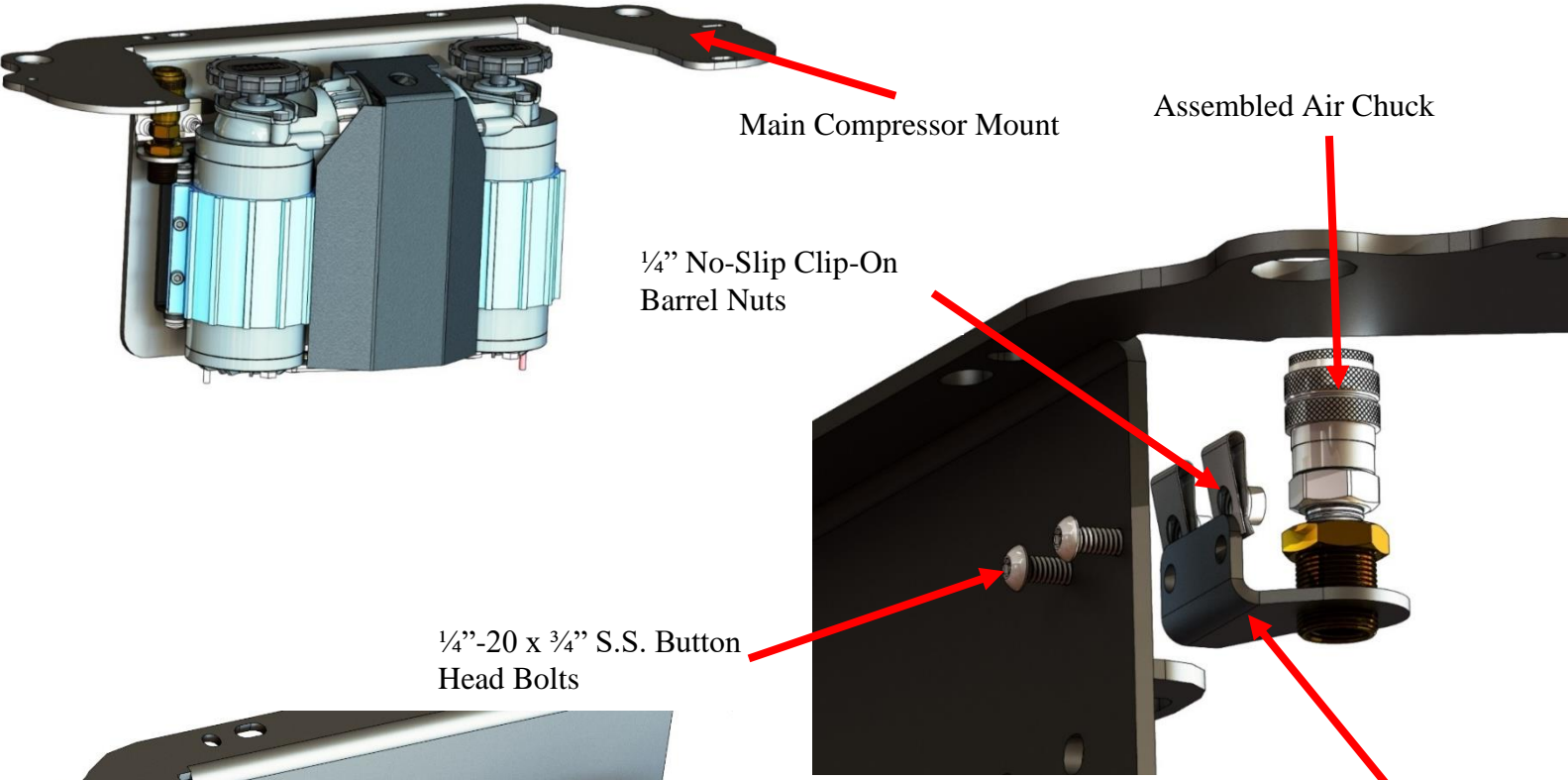
<u>Parts List</u>	<u>Hardware List</u>	<u>Required Tools</u>
(1) Main Compressor Mount SDHQ-33-1103-G5-A (1) Air Chuck Mount SDHQ-30-1103-G5-B (1) Hardware Package SDHQ-33-1103-G5-HP	(2) 1/4"-20 x 3/4" S.S. Button Head Bolts (2) 1/4"-20 No-Slip Clip-On Barrel Nuts (4) 1/4" S.S. Washers (2) M5-0.8 S.S. Nylock Nuts (2) M5-0.8 x 20mm S.S. Button Head Bolts (1) Quick Disconnect Hose Coupler (1) Brass Through Wall Coupler (2) 1/4" OD Push to Connect Tube Fitting (1) 15" of 1/4" Air Hose (1) Tube of Blue Loctite	T30 & T40 Torx Bits 10mm socket Ratchet 11/16", 7/8" & 15mm wrenches

### **Tech Notes**

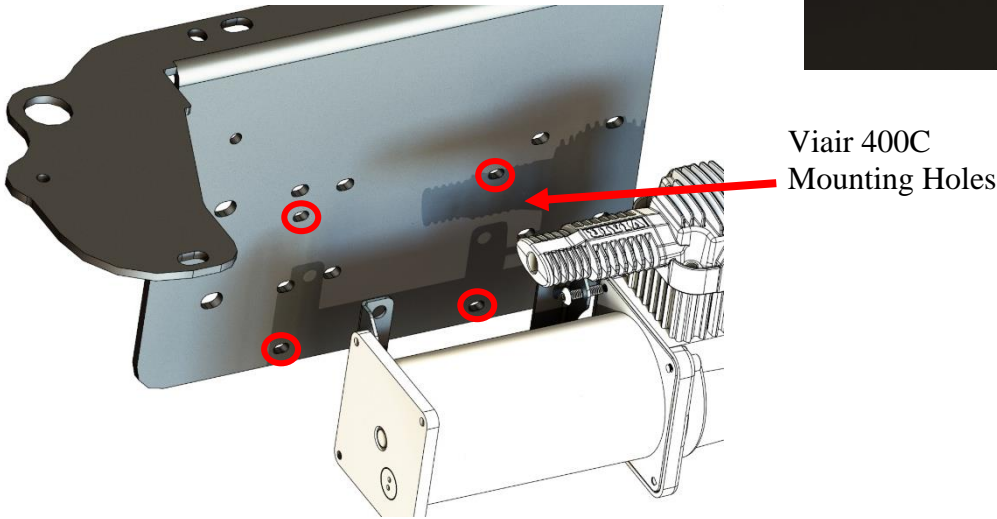
Fits Crew Cab Trucks equipped with floor storage bins  
 Fits single or twin ARB air compressors as well as Viair 400C Compressor.  
 Use Teflon tape or thread sealant on all threaded air fittings.  
 Use blue Loctite on supplied Stainless Steel (S.S.) Hardware.  
 This Mount will only work with Crew Cab trucks equipped with existing in floor storage  
 Will work on either driver or passenger side storage bin  
**Approx. Install Time: 1 Hour (not including wiring or plumbing)**

**\*\*\*READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION!\*\*\***

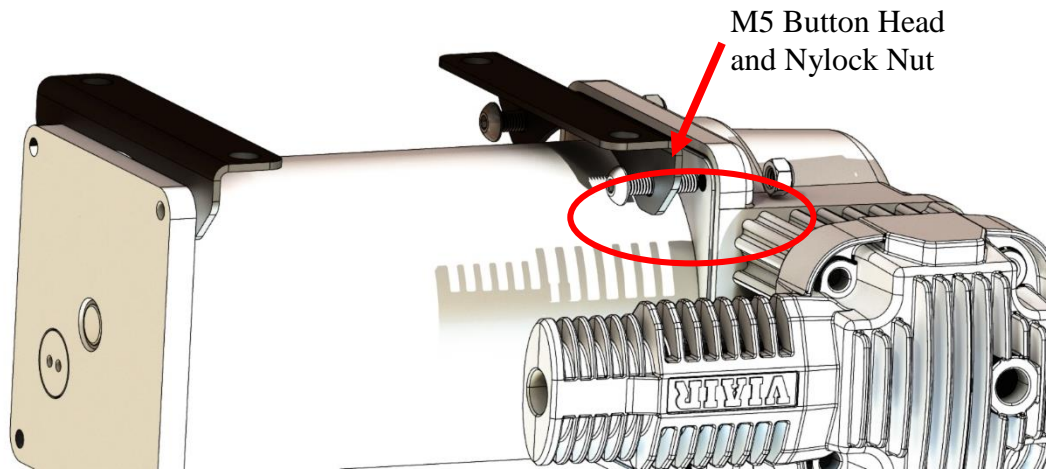
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1/4"-20 x 3/4" S.S. Button Head Bolts



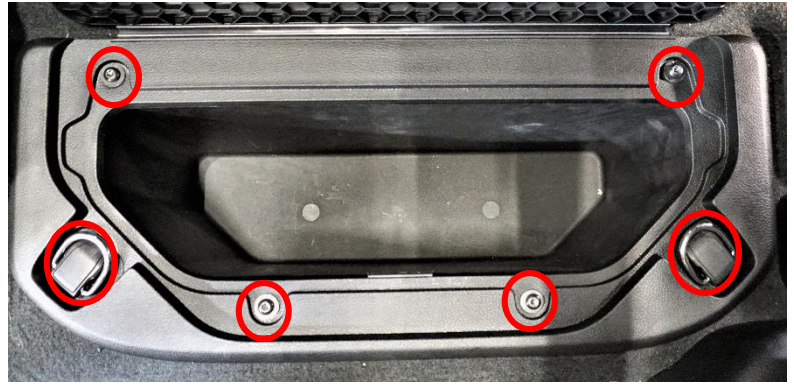
**Note:** In order to mount the Viair 400C you will need to remove the brackets attached to the compressor and move them to position shown. For the bracket closer to the pump, you will need to use the supplied M5 hardware to mount the bracket securely



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## **Installation Instructions:**

1. Gather all required tools for the installation of your new SDHQ ARB Compressor Mount. Unbox your ARB Compressor Mount and verify all parts are present. Familiarize yourself with the diagrams on page 4.



2. **Preparing your vehicle.** Remove the Driver or Passenger floor mat to expose the lid for your floor storage bin. Open the lid, remove and discard the inner plastic storage bin and remove the (4) T30 and (2) T40 bolts, the (2) T40 bolts will be hidden under the plastic cover on the tie down. Remove the lid and set aside.



3. Remove the (2) remaining 10mm bolts holding the storage bin to the truck. Leave bin in place



4. **Preparing the ARB twin compressor.** See step 2.2 in your ARB compressor install instructions. Remove the (4) 10mm bolts holding on the ARB compressor cover and take it off. Then loosen the (1) 10mm bolt on the compressor outlet port. This will allow you to rotate the outlet port to the side position. Tighten outlet port bolt and reinstall the cover plate with the (4) 10mm bolts. Attach (1) of the 1/4" OD Push to Connect fittings to the exhaust port using a 19/32" wrench. **\*Failure to change compressor outlet port angle will cause contact with the storage bin.\***

5. Flip the ARB compressor over with the mounting holes facing up and place the Main Compressor Mount on top of it. Use the ARB supplied hardware to mount the compressor.



6. Attach the Air Chuck Mount using the Clip-On Barrel nuts and S.S. Button Head bolts as shown on page 4. Tighten down the compressor mounting bolts and double check the supplied S.S. hardware is fully tightened. Thread the air quick disconnect on top of the coupler tightening with an 11/16" wrench. Thread on the push to connect fitting to the bottom of the brass through wall coupler tightening with a 15mm wrench. Then install the brass through wall coupler to the mount using 7/8" wrenches to tighten. Push the 15" air hose into both push fittings, running the hose under the air compressor so it does not get caught during install.



7. Pause install now to wire your compressor, refer to the ARB wiring instructions to properly wire your air compressor. Note: We recommend that when you drill a hole for the wire harness in the storage bin, that you de-pin the connector to minimize the size of the hole.

- Now that the wiring is ran for your compressor, lower the assembled mount into the storage bin and connect the wire harness, the compressor sits in the pocket as shown. Bolt the mount in using the (2) 10mm bolts removed earlier. Then finally replace the storage bin lid and T30 and T40 hardware, check operation of the lid. Enjoy your SDHQ Air Compressor Mount for your Ram 1500/TRX!!



\*\*\*Double check all hardware is installed correctly and tight\*\*\*

\*\*\*Re-torque ALL bolts after 100 miles\*\*\*



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