



SDHQ Motorsports
190 S McQueen Rd
Ste 109 Gilbert, AZ 85233
www.SDHQoffroad.com

Product Packing List

Product: SDHQ-10-1103-AC

Description: 2017-Current F-250/F-350, 2021-current Ford F-150/Raptor Fold Flat Storage Box ARB Air Compressor Mount

_____ (1) Main Compressor Mount	SDHQ-10-1103-AC-A
_____ (2) Billet Risers	SDHQ-10-1103-AC-B
_____ (1) Hardware Package	SDHQ-10-1103-AC-HP
_____ (1) M8-1.25 x 25mm S.S. Button Head Bolt	
_____ (1) M8-1.25 x 25mm S.S. Countersunk Bolt	
_____ (1) Rubber Grommet	
_____ (1) Tube of Blue Loctite	
_____ (1) M8 Thumb Screw	
_____ (8) 8" Zip Ties	

Inspected and Packaged By: _____ Date: _____

For questions or help with the installation, please email help@sdhqoffroad.com
Store front hours: Mon. – Fri. 8:00am – 5:30pm and Sat. 9:00am – 2:00pm Arizona Time.

Optional Accessory:

ARB Air Chuck and Switch Mount

SDHQ-00-1103-ACSM

- | | | |
|-------|--|----------------------|
| _____ | (1) ARB Air Chuck and Switch Mount | SDHQ-00-1103-ACSM-A |
| _____ | (1) ARB ACSM Wiring Cover | SDHQ-00-1103-ACSM-B |
| _____ | (1) SDHQ Built ARB Switch Harness | SDHQ-02-1103-ARB-S1 |
| _____ | (1) Hardware Pack | SDHQ-00-1103-ACSM-HP |
| _____ | (1) Quick Disconnect Air Coupler | |
| _____ | (1) Brass Through Wall Coupler | |
| _____ | (2) 1/4" OD 90° Push to Connect Tube Fitting | |
| _____ | (1) 15" of 1/4" Air Hose | |
| _____ | (2) 1/4" Push-to-Connect Security Clips | |
| _____ | (2) M5-0.8 x 12mm Shoulder Bolts | |



INSTALLATION INSTRUCTIONS

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Description: 2017-Current F-250/F-350, 2021-current Ford F-150/Raptor Fold Flat Storage Box ARB Air Compressor Mount



Parts List	Hardware List	Required Tools
(1) Main Compressor Mount SDHQ-10-1103-AC-A (2) Billet Risers SDHQ-10-1103-AC-B (1) ARB Switch and Air Chuck Mount SDHQ-00-1103-ACSM (1) Hardware Package SDHQ-10-1103-AC-HP	(1) M8-1.25 x 25mm S.S. Button Head Bolt (1) M8-1.25 x 25mm S.S. Countersunk Bolt (1) Rubber Grommet (1) Tube of Blue Loctite (1) M8 Plastic Thumb Screw (8) 8" Zip Ties	T30 & T40 Torx Bits 10mm socket Ratchet 11/16", 7/8" & 15mm wrenches

Tech Notes

Fits SuperCrew Trucks equipped with Locking Fold Flat Storage

Fits single or twin ARB air compressors
 Use Teflon tape or thread sealant on all threaded air fittings.
 Use blue Loctite on supplied Stainless Steel (S.S.) Hardware.
 Will work on either driver or passenger side storage bin
 Install shown on Passenger Side

Approx. Install Time: 1 Hour (not including wiring or plumbing)

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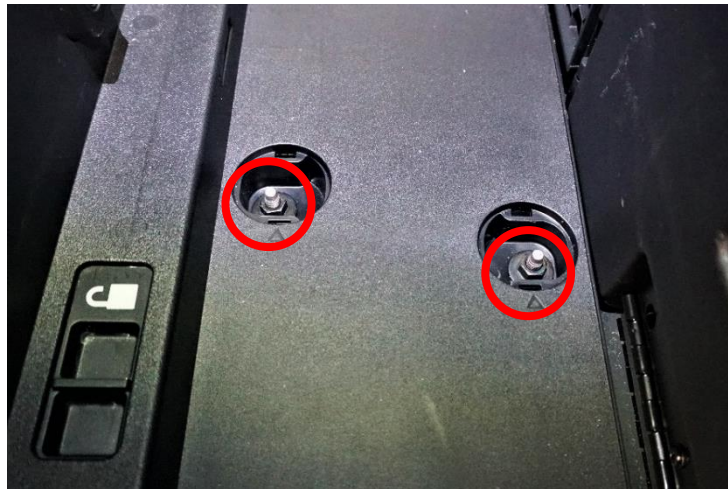
*****READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION!*****



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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.** Open your Fold Flat Storage bin under the rear seats, remove the rubber mat to expose the (2) covers on the driver or passenger side (depending on what side you are installing your mount). Once the (2) covers are removed, remove and discard the (2) 13mm nuts. *Driver Side: Remove the tire tool hold down screw and replace with the supplied M8 Plastic Thumb screw after install.

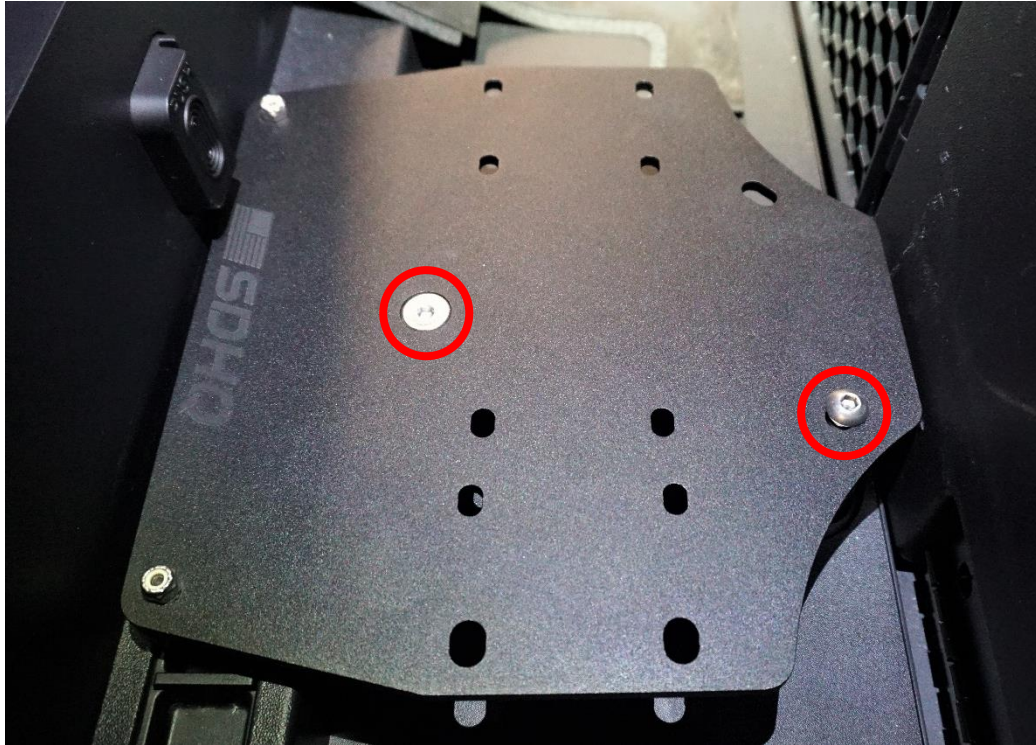


3. Thread in the (2) Billet Risers onto the studs and tighten down.

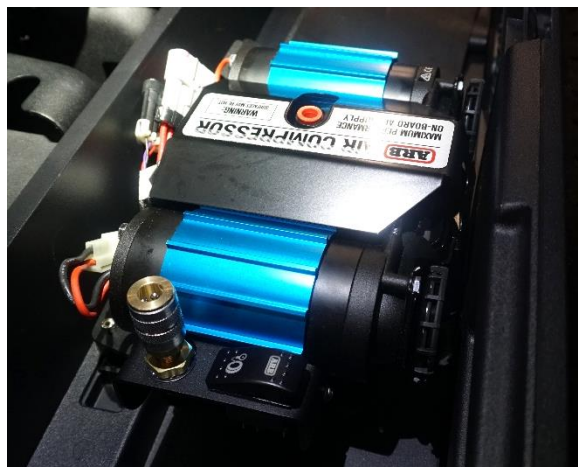


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4. Take the Main Compressor Mount and place over the Billet Risers and secure using the M8 hardware as shown on page 4.



5. **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.***
6. At this time follow instructions for SDHQ-00-1103-ACSM (if purchased) to finish preparing your compressor.
7. Mount prepped compressor onto the mount using the ARB supplied washers and bolts.



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8. Wire your compressor. If using the SDHQ ARB Twin Extension Harness follow the instructions below.

- a. Remove the floor trim panels in the front and rear passenger side footwell, allowing you to expose the plastic channel for running wiring.
- b. Pull up carpet slightly in the front passenger footwell and remove the plug in the body as shown.
- c. Run the ARB Harness included with your air compressor through the cable glad included in the SDHQ Extension Harness and the exposed hole in the body and loosely put the nut in place to hold it up.
- d. Run the ARB harness over the front body mount and up the firewall towards the battery.
- e. Connect the SDHQ extension harness to the ARB harness and leave the connections positioned at the B-pillar as shown. Leave some slack so you can tuck the harness under the carpet later.

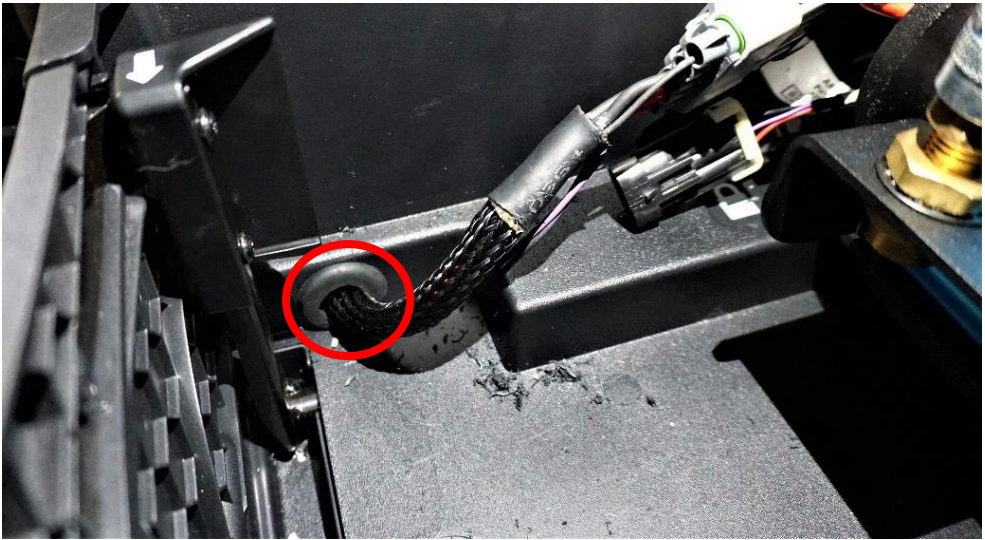


- f. Remove the fold flat storage tray by popping out the plastic covers and removing the stud on the driver side under the emergency tools.
- g. Using a 10mm socket remove the bolt shown and place the ground wire under the plate, for driver side install only.



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- h. Drill a 7/8" hole in the desired side of the Fold Flat Storage box and install the grommet included in this kit. For the passenger side install you will want to put your hole in the back side of the box on the outermost corner as shown. For driver side install locate the hole off of the spare tire tool retaining nut, as shown, and place the drilling location 2" below and 4.5" to the right of the center of the factory hole.



- i. Secure your harness into the plastic channel until it is behind the Fold Flat Storage box and run the un-pinned side through your grommet. If on driver side route behind the box under the carpet.



- j. Follow instructions for the SDHQ Extension Harness and assemble both connectors

- k. Connect your air compressor and attach to battery; test operation



- l. Secure the harness working from the compressor forward, while replacing trim pieces. Tuck the connectors joining the ARB and SDHQ harness at the B-Pillar under the carpet to reinstall the trim. Tighten the cable gland and finish replacing all of the trim on the interior.

- m. Secure the rest of the harness up to the battery against the firewall harness up to the battery.

9. Enjoy your SDHQ Built Fold Flat Storage Box ARB Air Compressor Mount for your 2017-Current F-250/F-350 or 2021-current Ford F-150/Raptor!

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

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



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