




# Instructions

## ***JEEP JT REAR SEAT COMPRESSOR BRACKET***

---

Thank you for purchasing the JT Rear Seat Compressor Bracket from AAL! We greatly appreciate your trust in our company. We take that purchase and your commitment to us very seriously. If you have any questions along the way, please don't hesitate to give us a call at 385.202.4188. Please read the instructions thoroughly before starting this project. NOTE: These instructions do not cover wiring of the compressor. Please refer to your compressor instructions for the proper wiring procedure.

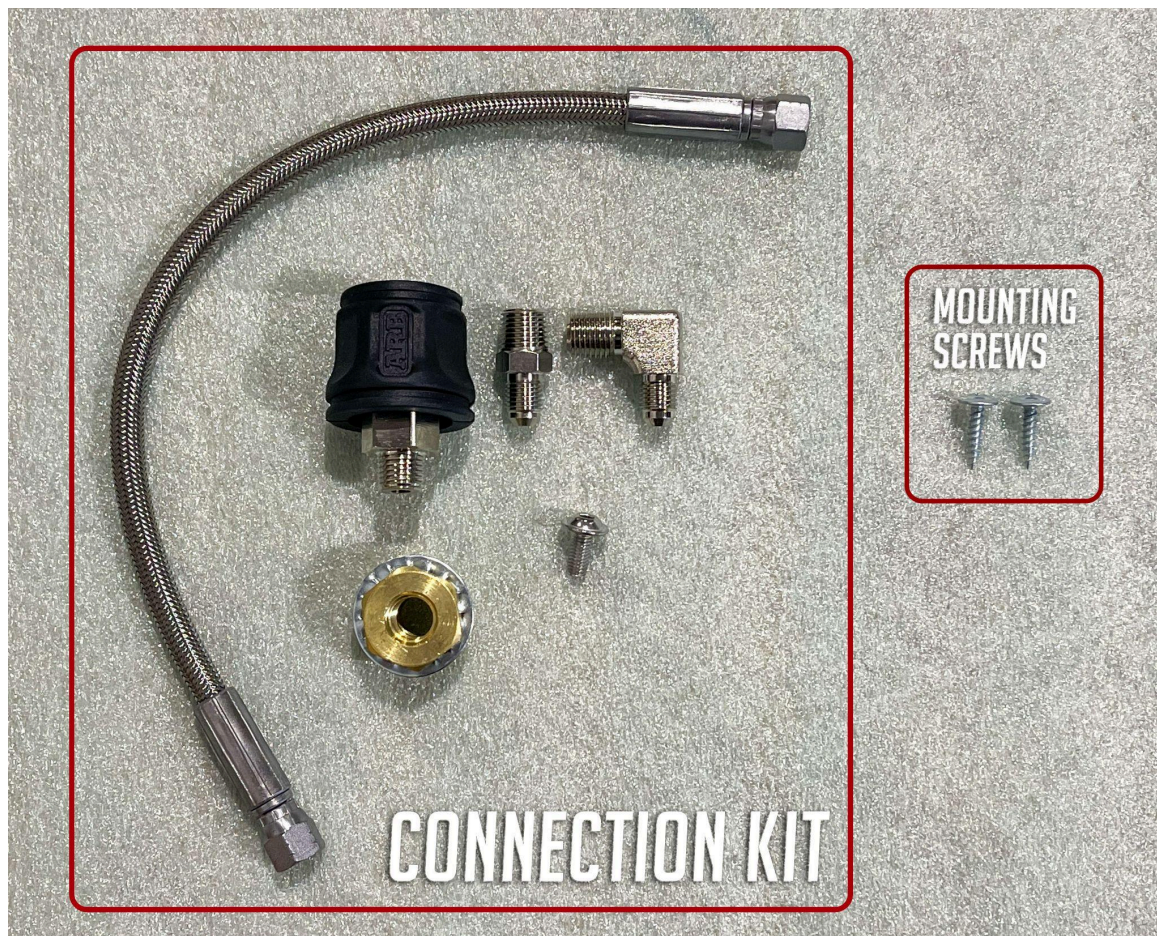
 **The ARB Dual Compressor operates at extremely high temperatures. In order to prevent any potential fire risks, it is essential to fold down the rear seat while the compressor is in use and keep it in this position until the air compressor has cooled down to a safe, touchable temperature.**

### **Tools Required:**

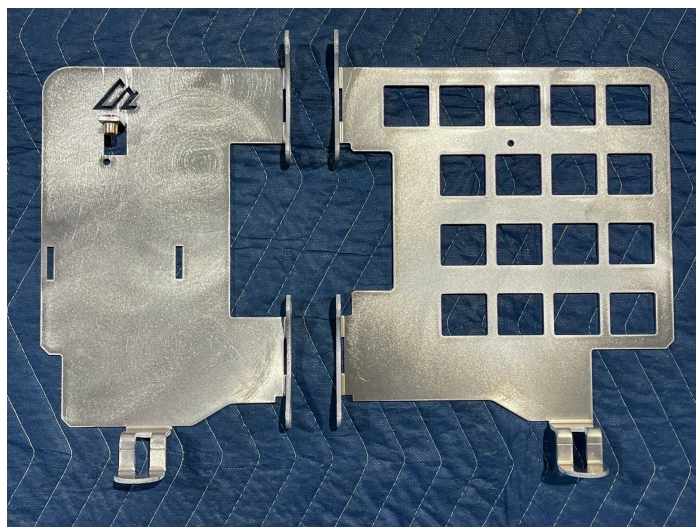
- |  |   |
|--|---|
| <ul style="list-style-type: none"><li>- Ratchet</li><li>- Long Extension</li><li>- Short Phillips Screwdriver</li><li>- 4mm Allen Socket</li></ul> | <ul style="list-style-type: none"><li>- 10mm Socket</li><li>- 9/16" Wrench</li><li>- 3/4" Wrench</li><li>- 1" Wrench (or Adjustable Wrench)</li></ul> |
|--|---|



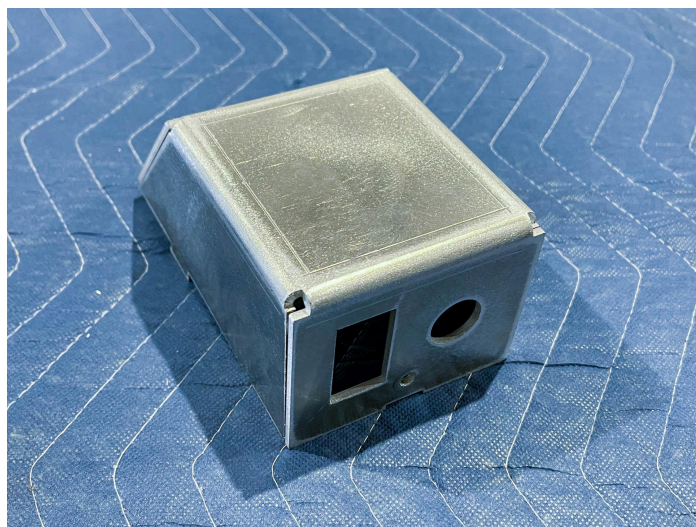
## Identify and Verify Hardware and Components Included:



The included bracket components consists of:



Left and Right Bracket

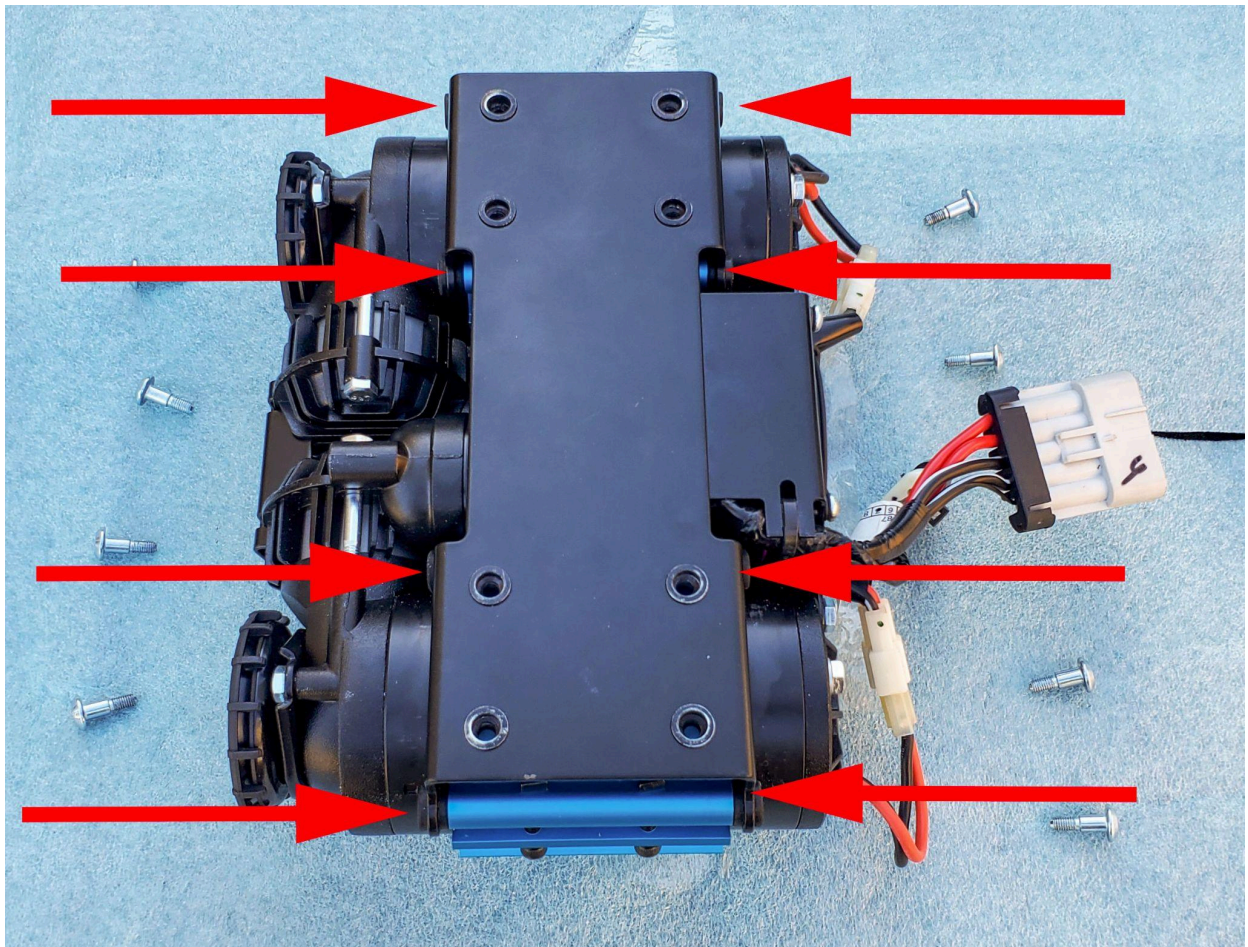


Connection Kit Housing (Optional Component)

## Step 1 - Disassemble ARB Compressor

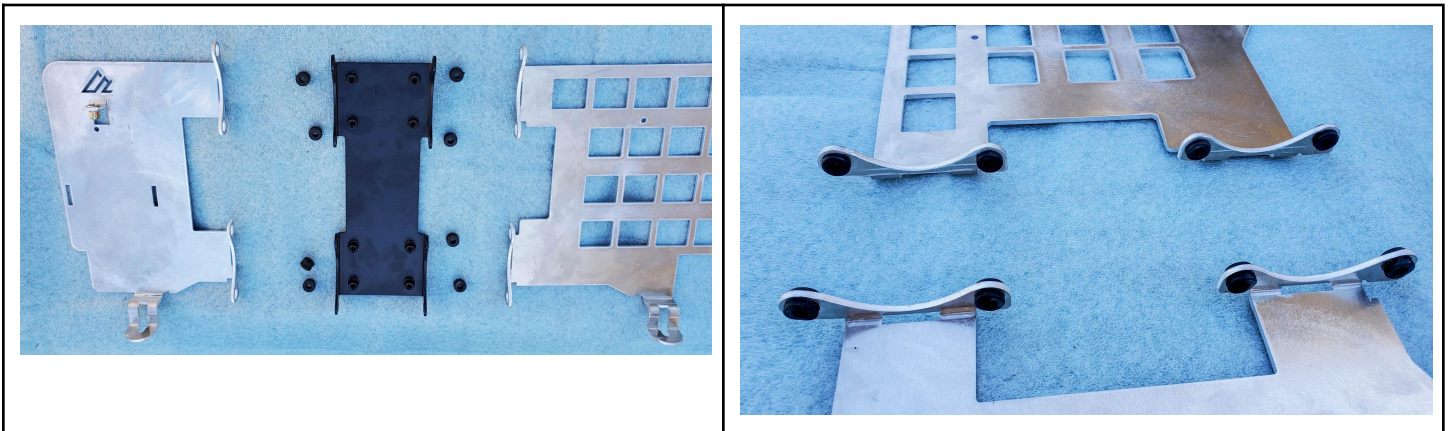
To achieve the most clearance possible with the back of the seat, we utilize the compressor for rigidity. So, you need to remove the black steel bracket from the ARB compressor. Using the 4mm Allen, remove the 8 mounting bolts.





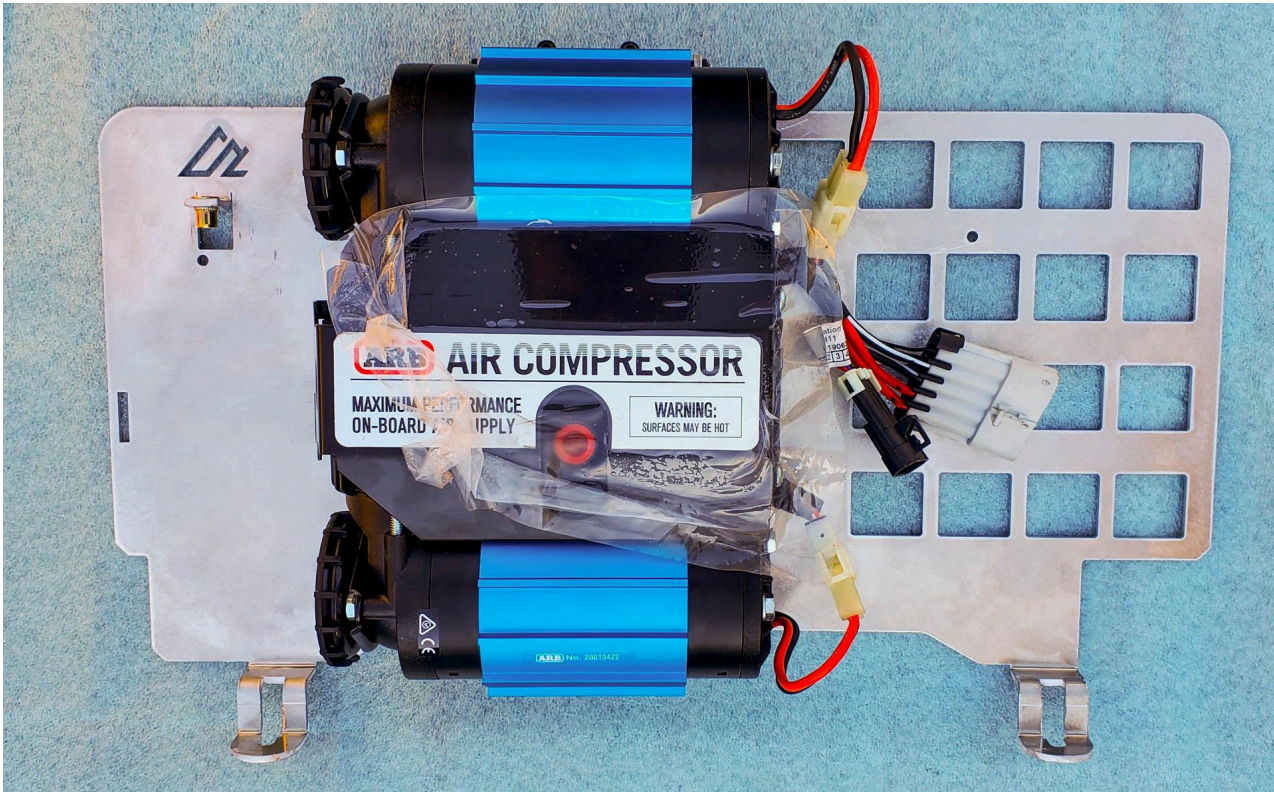
## Step 2 - Reinstall Rubber Grommets

Now, you need to remove the 8 black rubber grommets from the black ARB bracket. Once removed, install them into the new bracket in the proper locations identified below.

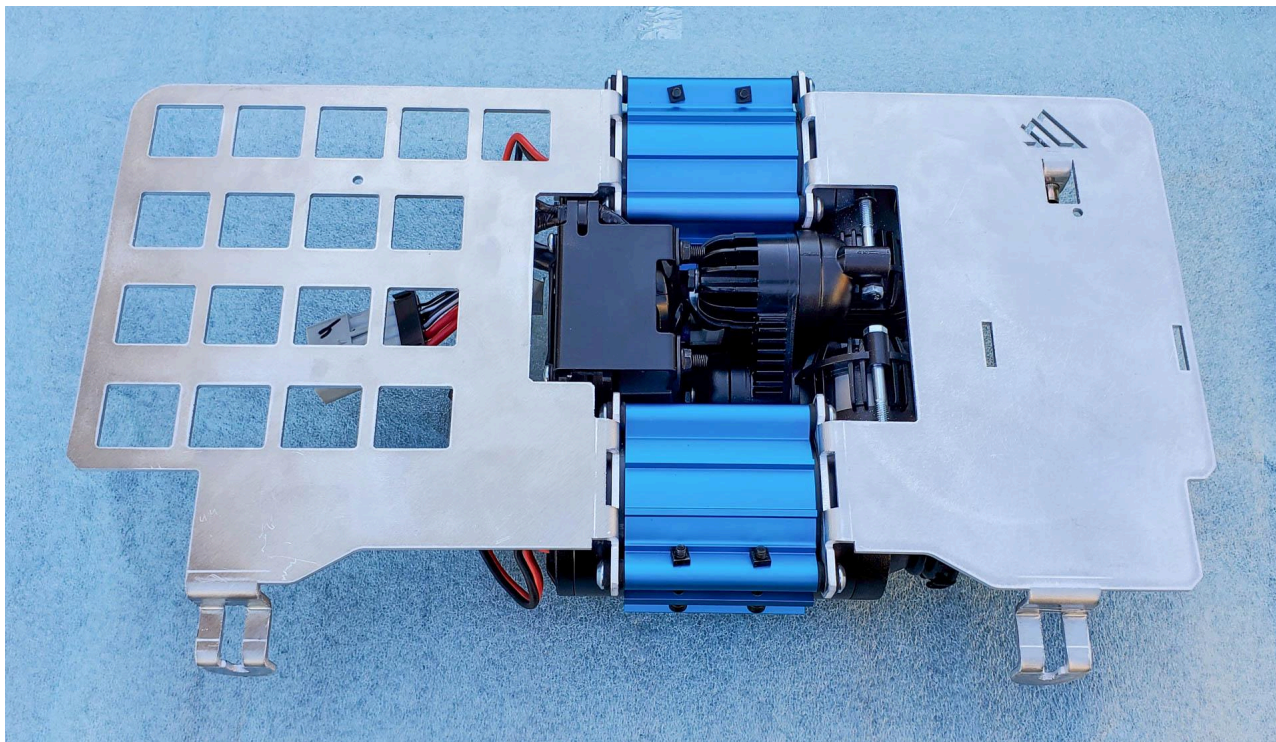


## Step 3 - Attach Brackets to Compressor

Using the bolts previously removed from the ARB compressor bracket, attach the aluminum brackets to the ARB compressor. The filters should be on the left side. It should look like the photo below when assembled. After you get it assembled, you will notice that it is not very sturdy. Don't worry, the next installation steps will take care of that.

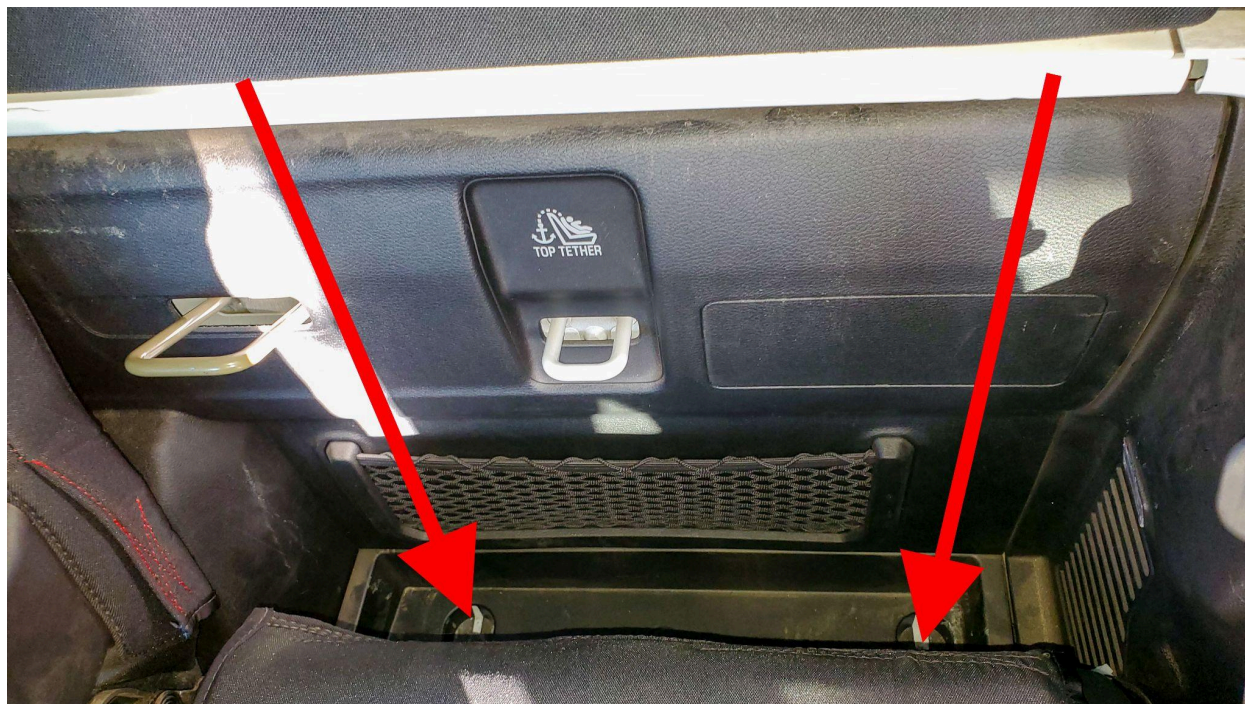


## Back side of assembly:



## Step 5 - Remove OEM Nuts

Fold down the rear seat on the driver's side. You'll see a small cubby box molded into the back wall of the Gladiator. In the bottom of the box, there should be a small rubber mat. The mat is just laying there, so it can be easily removed. Once removed, you'll see the two 10mm nuts. Remove those two nuts and set aside. They will be reused.

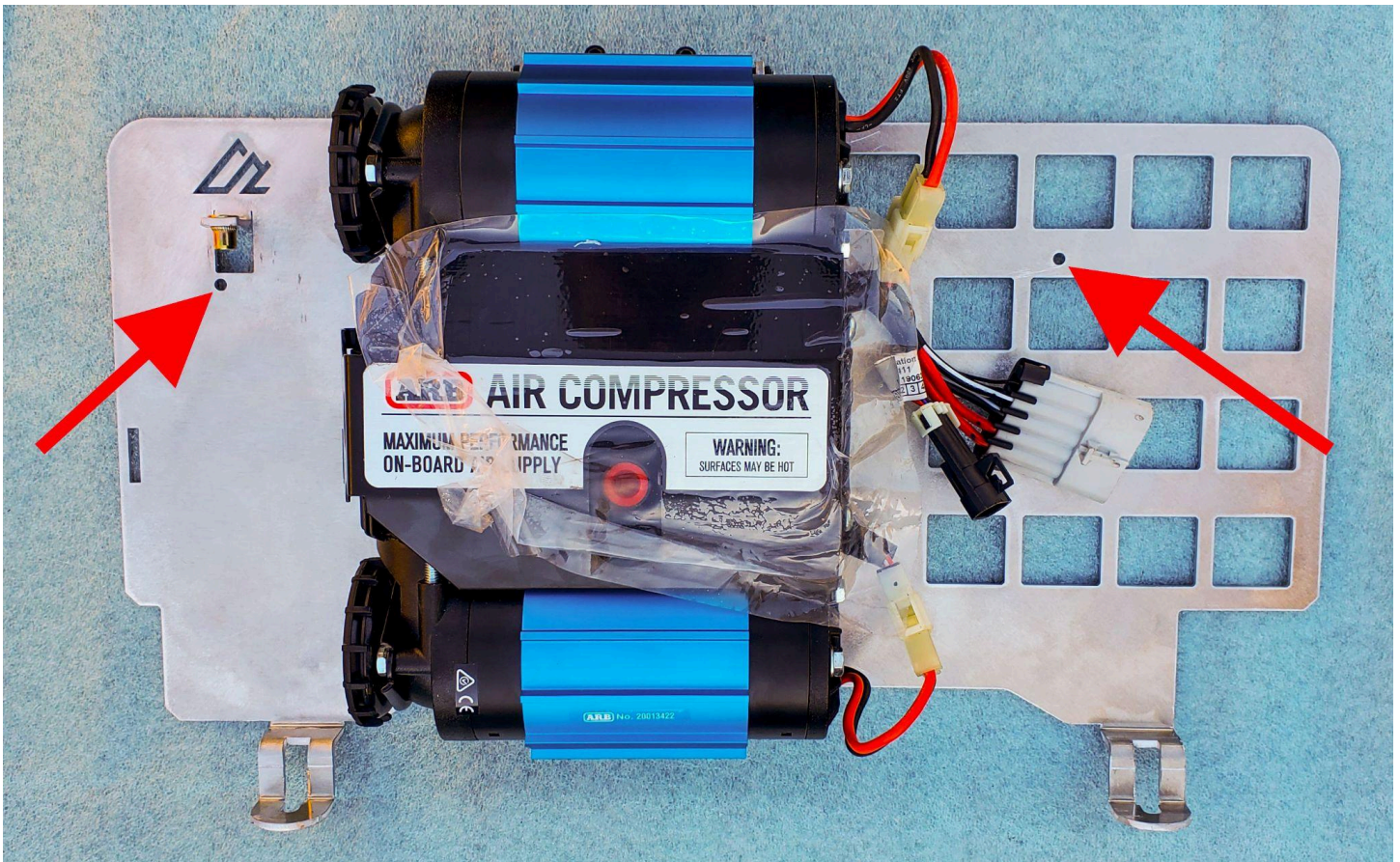


## Step 6 - Install Compressor Bracket Assembly

It's a tight fit, so carefully slide the compressor into the open area behind the seat with the small mounting flanges pointing downward. The slots in the mounting feet will line up with the studs exposed in the previous step.

Now, you can reinstall the two 10mm nuts removed previously. This is a tight fit, which is where the long extension comes in. Tighten these nuts to secure the bracket.

Next, take the two included sheet metal screws and screw them into the plastic behind the compressor bracket. Ensure the bracket is pressed against the back of the JT before starting the screws. This will help with alignment. The holes are identified below. These screws will line up with the thick bezel that holds the netting.



If you did not purchase the Connection Kit, you are finished! If you did, continue on to the next steps.

## Step 7 - Connection Kit Assembly

If you purchased the optional Connection Kit, now is the time to put that together.

1. Insert the switch that came with your compressor into the switch cutout. This is where you would refer to the wiring instructions that came with your compressor to handle the wiring. If you have questions, we'll be happy to help via phone or email.

2. Install the brass bulkhead connector. It should be tightened completely, using a 1" wrench (or adjustable wrench).
3. Attach the ARB Quick Coupler to the top side of the brass bulkhead fitting. Ensure that there is thread sealer present on the coupler before installing. Tighten with a 3/4" wrench.
4. Attach the straight JIC to NPT adapter to the bottom side of the brass bulkhead fitting. Ensure that the flared end (the one with the bevel on it) is NOT going into the bulkhead fitting. There should be thread sealer applied to the NPT end of the adapter prior to installing into the bulkhead fitting. Tighten with the 9/16" wrench.
5. Attach the included braided air hose to the JIC (flared) end of the adapter and run the hose through the opening in the bottom of the Connection Kit. Tighten with the 9/16" wrench.

The assembled connection kit should look like this.



## Step 8 - Attach Connection Kit

Attach the 90 degree adapter to the ARB compressor. Ensure that the flare end is NOT going into the compressor. The end going into the compressor should have thread sealer on it prior to installation. Tighten with the 9/16" wrench and rotate to the position shown below.



Now, attach the hose to the compressor. Note, the JIC (flared) ends CANNOT have thread sealer on them. If they do, they will not seal. Tighten the hose with the 9/16" wrench.

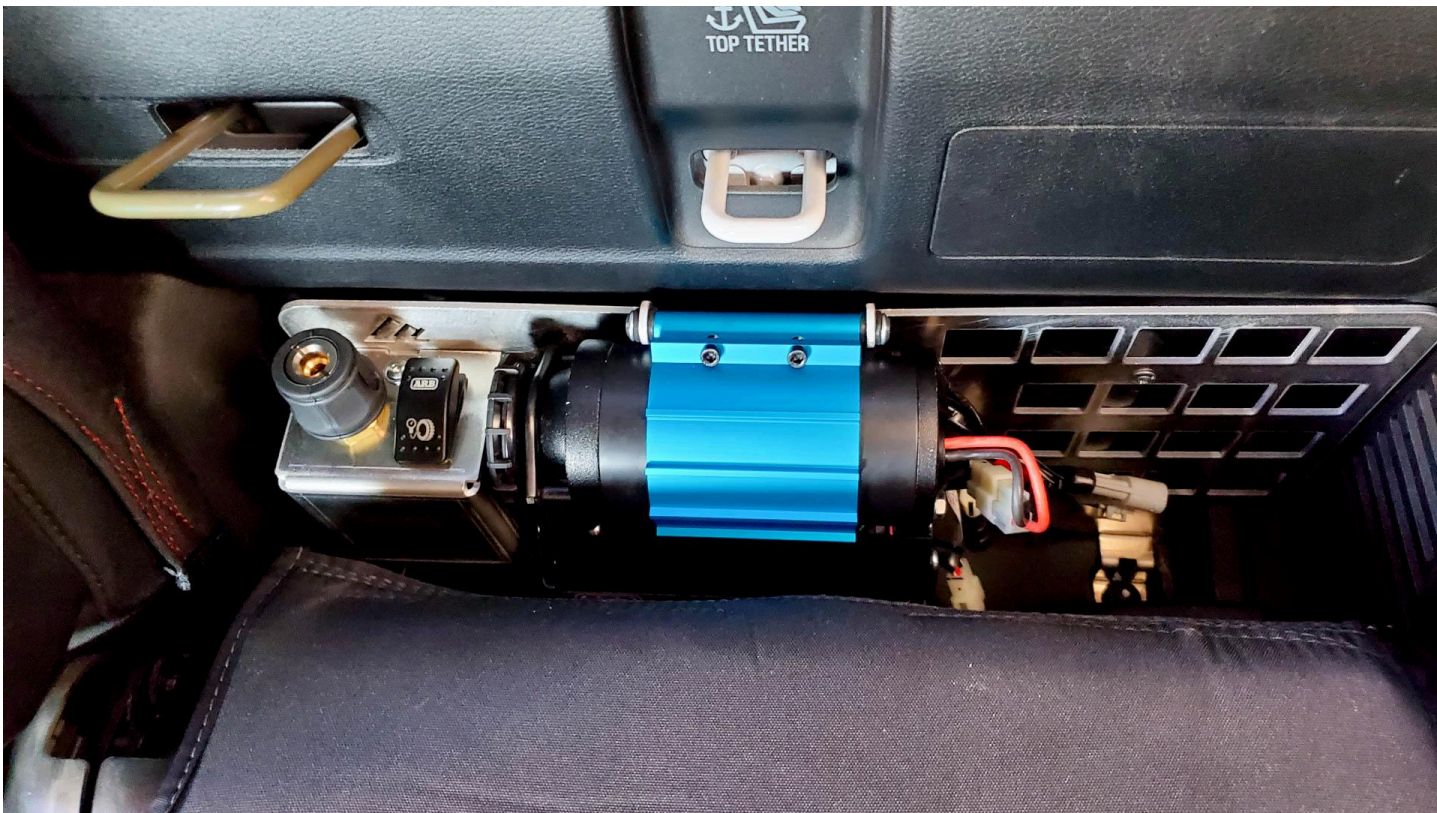
## Step 9 - Attach Connection Kit

**NOTE: All wiring for the connection kit should be completed prior to attaching it to the bracket.**

Now that the connection kit is connected to the compressor via the braided steel hose, it can be attached to the bracket. There are two tabs on the back of the connection kit. They will line up with the two slots cut into the bracket. Put the tabs into the bracket and let the bracket slide down slightly onto the mounting tab.

The attached Connection Kit housing should look like this when installed.





## **Step 5: Share Your Photos**

We take great pride in building our products and we hope that pride extends to you after installing your JT Compressor Bracket. If you are able to share your photos online (Facebook and Instagram), please tag **@AmericanAdventureLab** in the photo. We would love to see how it turned out and give you some reciprocal attention in return.

**Congrats! You're all done!**

**Thank you!**

At American Adventure Lab, we strive to improve anywhere we can. If you experience any issues with this product or have any suggestions, please let us know.

If you have any questions or concerns, please don't hesitate to reach out to us at 385.202.4188 or via email at [Sales@AmericanAdventureLab.com](mailto:Sales@AmericanAdventureLab.com).

