



2024-2025 Toyota Tacoma

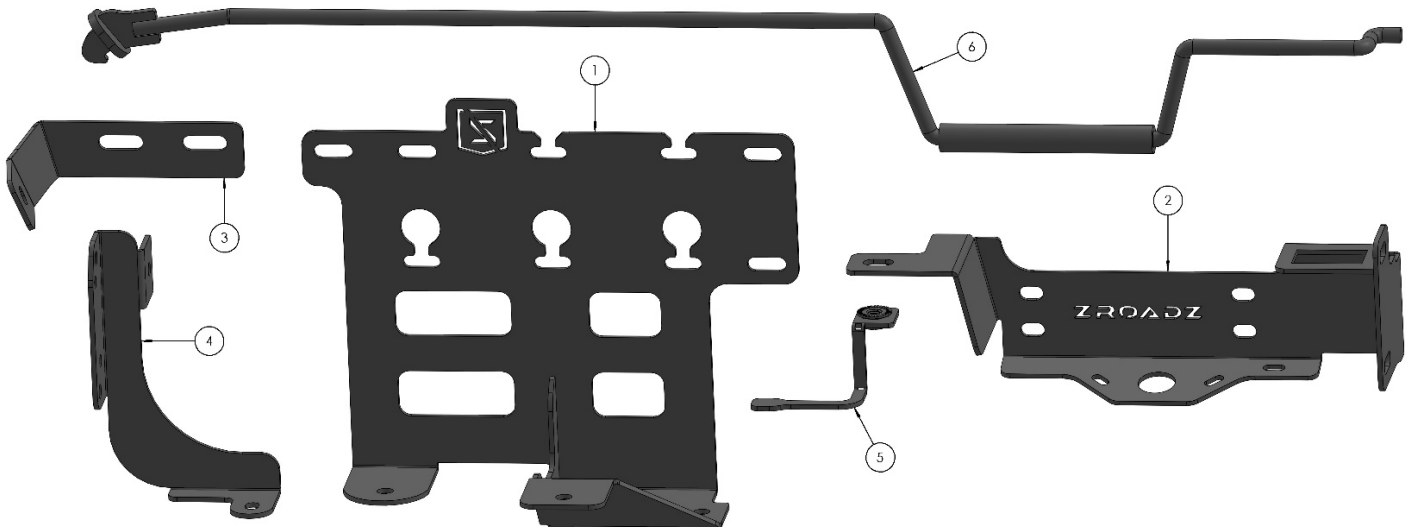
ARB Air Compressor Bracket

Part# Z609401

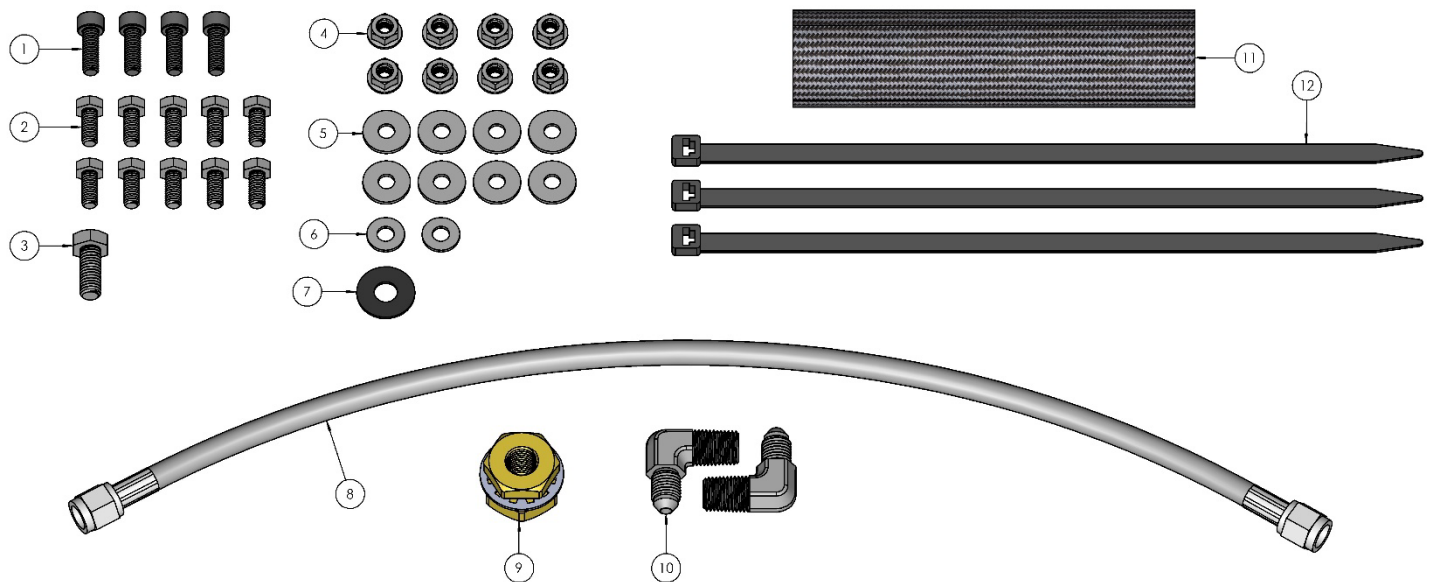
IMPORTANT – READ ALL INSTRUCTIONS CAREFULLY AND COMPLETELY *BEFORE* ATTEMPTING INSTALLATION. CORRECT INSTALLATION OF WIRING IS THE RESPONSIBILITY OF THE CUSTOMER AND WILL NOT BE COVERED IN THESE INSTRUCTIONS. WE ARE NOT LIABLE FOR ANY DAMAGE WHICH OCCURS DUE TO IMPROPER INSTALLATION. WE STRONGLY RECOMMEND INSTALLATION BE PERFORMED BY A PROFESSIONAL.

What's Included:

ITEM	PART DESCRIPTION	QTY
1	COMPRESSOR BRACKET	1
2	MANIFOLD BRACKET	1
3	SIDE BRACKET	1
4	ECU BRACKET	1
5	NUT HOLDER	1
6	HOOD PROP	1



ITEM	HARDWARE DESCRIPTION	QTY
1	M6 X 18mm SOCKET CAP SCREW	4
2	M6 X 14mm HEX BOLT	10
3	M8 X 20mm HEX BOLT	1
4	M6 FLANGE LOCK NUT	8
5	M6 OVERSIZED WASHER	8
6	#10 FLAT WASHER	2
7	5/16" FLAT WASHER	1
8	20" SS BRAIDED AIR HOSE	1
9	1/4" NPT BRASS BULKHEAD	1
10	JIC-4 TO 1/4" NPT ELBOW FITTING	2
11	ANTI-ABRASION SLEEVE	1
12	ZIP-TIE	3



Tools Needed:

- 13mm Socket
- 10mm Socket
- 8mm Socket
- 10mm Open-Ended Wrench (x2 for Single Compressor or Manifold)
- 9/16" Open-Ended Wrench
- Socket Extensions
- 5mm Allen Wrench
- 4mm Allen Wrench (For Single Compressor only)
- Teflon Tape or Thread Sealant

Installation Procedure:

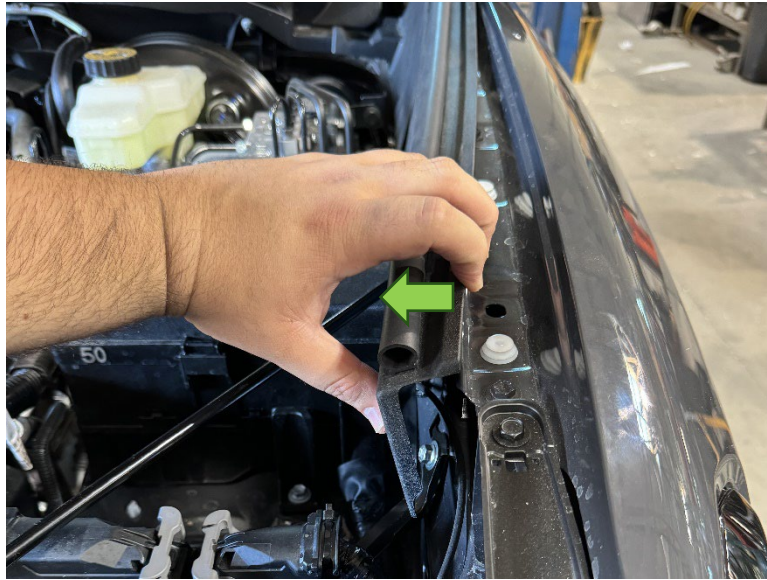
1. Replace Hood Prop

- 1.1. Use an oblong object to temporarily hold the hood up, or have a friend hold it up.
- 1.2. Remove the factory hood prop by turning it towards the passenger side and pulling it from the plastic bushing.

1.3. Insert the new Hood Prop the same way you removed the factory one.

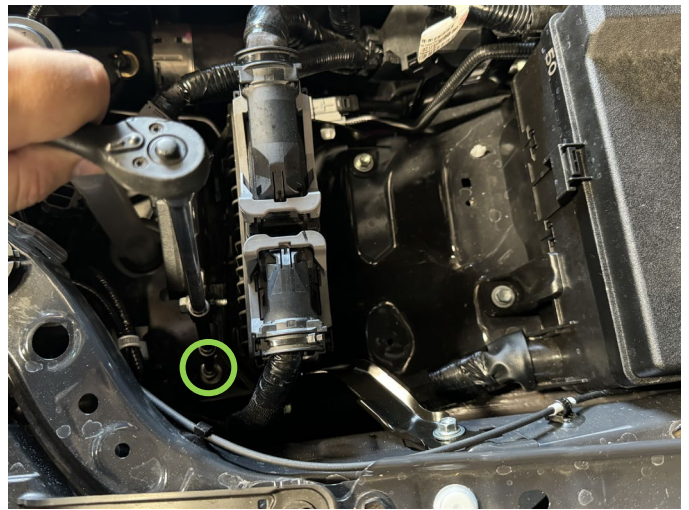
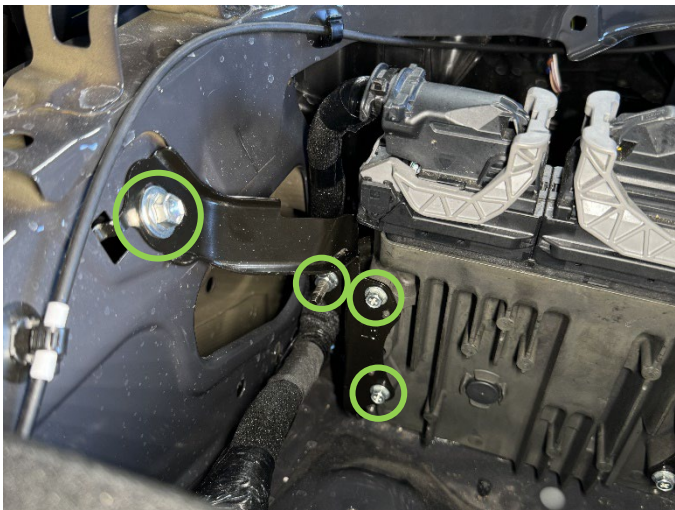
2. Remove plastic cover.

2.1. Detach plastic cover from inner fender panel by pulling it away from the fender as shown. Once separated, leave the plastic cover detached and out of the way until completely finished with installation.



3. Replace ECU bracket.

3.1. Remove factory bracket and save all factory hardware: (2) bolts [10mm], (2) screws [8mm], and (1) nut [10mm]. One factory bolt requires a long extension to reach, as shown.



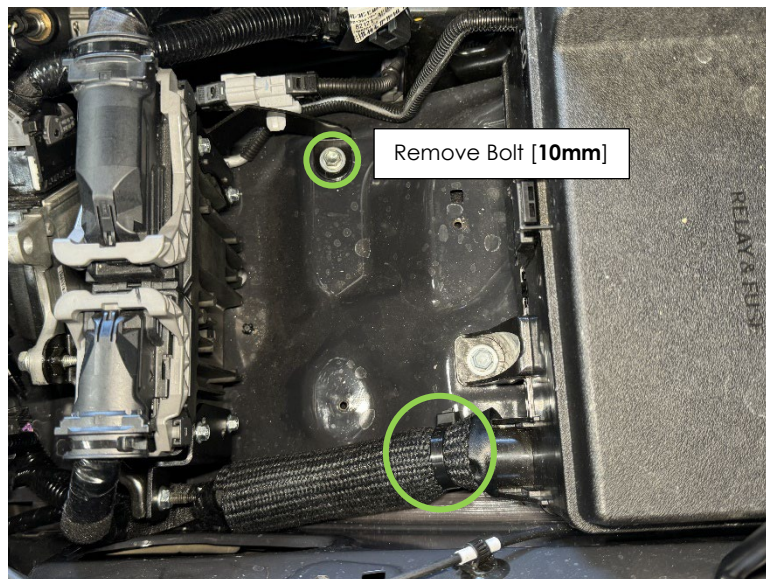
3.2. Install replacement bracket, Reinstall (1) factory bolt [10mm], (2) screws [8mm], and (1) nut [10mm].



4. Install anti-abrasion sleeve. (If installing ARB Single Compressor, this step can be skipped.)

4.1. Wrap sleeve around wire harness.

4.2. Zip-tie the upper end of the sleeve, as shown.

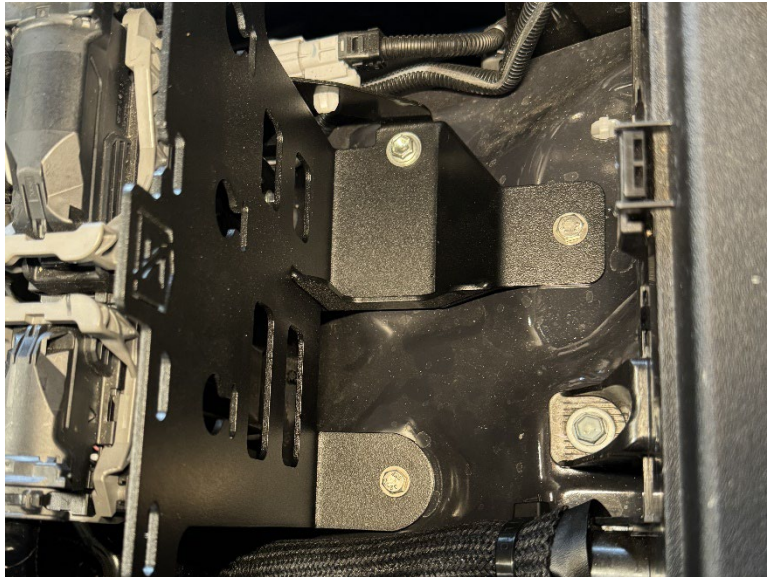


5. Install main compressor bracket.

5.1. Remove (1) factory bolt [10mm] (shown above).

5.2. Place bracket into position.

5.3. Using a [10mm] socket, reinstall (1) factory bolt, and install (2) M6x14mm Hex Bolts with (2) #10 Flat Washers, as shown. All three bolts must be fully tightened before proceeding.



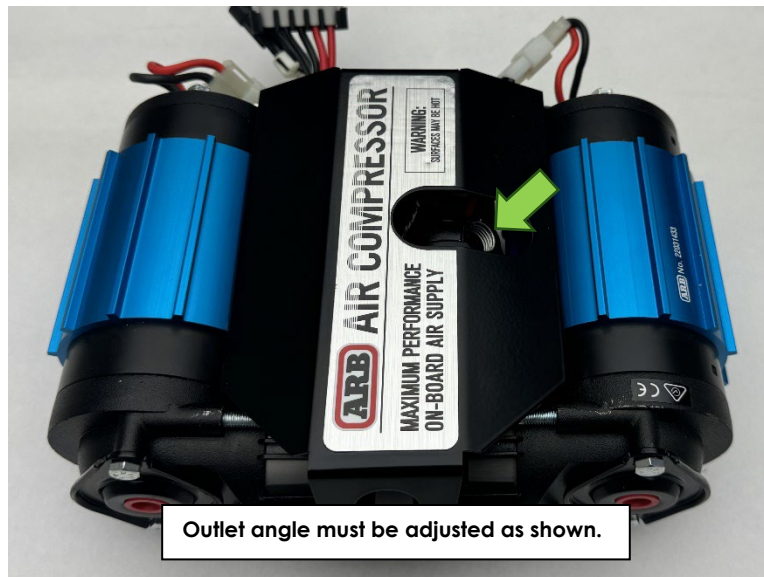
6. Install Side Bracket.

6.1. Mount Side Bracket to inner fender panel using the factory bolt [10mm] saved earlier. Do not tighten yet.



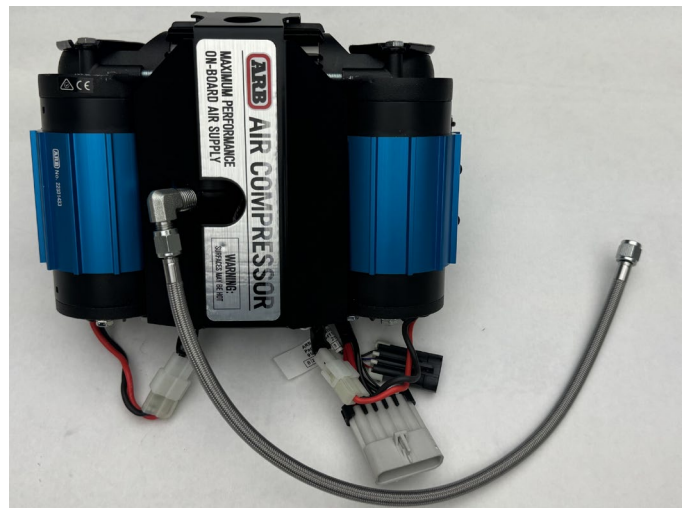
7. Mount ARB Twin Compressor (If installing ARB Single Compressor, skip to Step 8.)

7.1. Before mounting the Compressor, the Air Outlet must be orientated correctly. Refer to your ARB Compressor Installation Guide booklet for instructions on how to Orientate the Compressor Outlet and adjust the outlet to the angle shown.

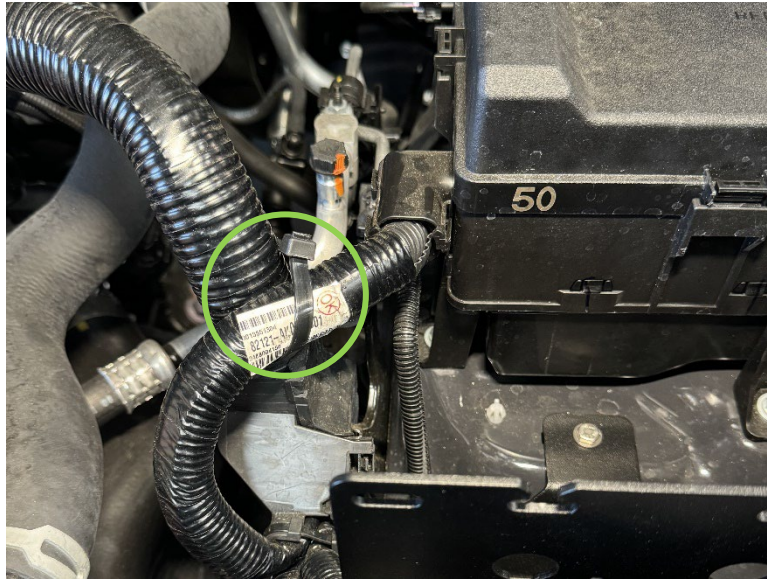


7.2. Install (1) JIC-4 to 1/4" NPT Elbow Fitting into the compressor's outlet port, applying Teflon tape or thread sealant to the NPT threads, and orient fitting downwards, as shown. Then, install the Stainless Steel Braided Air Hose onto the JIC-4 fitting. The Elbow Fitting and Braided Hose can both be tightened with a [9/16"] Open-Ended Wrench.

NOTE: JIC fitting threads do not require any Teflon tape or thread sealant.



7.3. Zip-tie the two wire harnesses together, as shown.

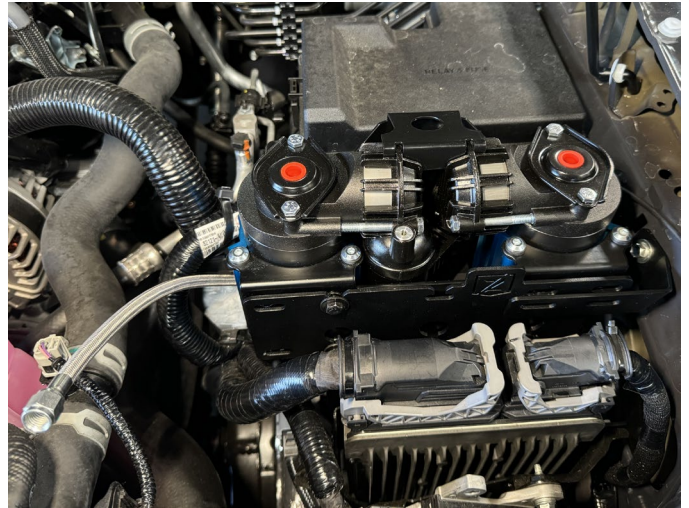
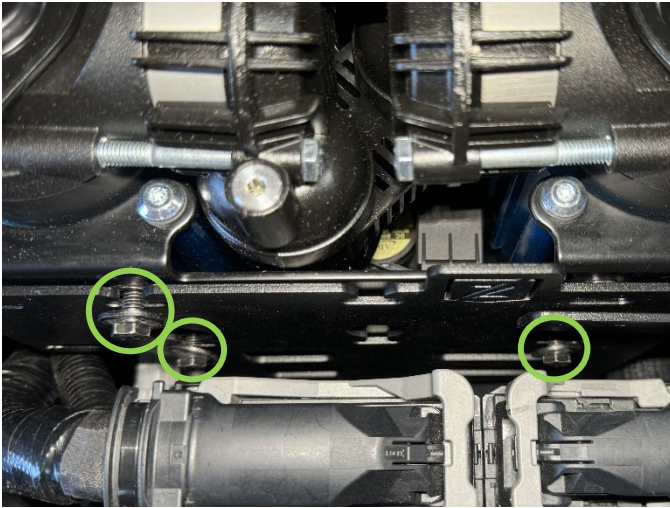


7.4. Using (3) of the hex bolts and washers which came with your ARB Twin compressor, partially thread the bolts into the 3 compressor holes shown. Leave about 1/4" of bolt threads exposed.



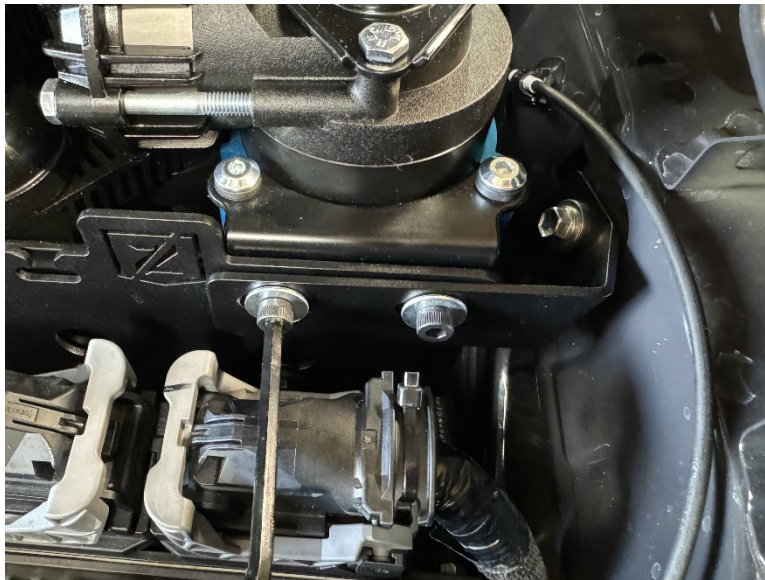
7.5. Pick up the compressor and tilt it so that all 3 washers contact the bolt heads, then, carefully feed the bolt heads and washers through the keyhole slots of the Compressor Bracket and slide the compressor down into place.

NOTE: Ensure all wiring is connected to the Compressor before mounting to the Compressor Bracket.



7.6. Partially tighten the (3) compressor bolts using a **[10mm]** open-ended wrench, leaving them just loose enough to slide the compressor side to side.

7.7. Install (2) M6 X 18mm Socket Cap Screws **[5mm]** with (2) M6 Oversized Washers into the Compressor's threaded holes, joining the Side Bracket to the Compressor Bracket, as shown. Do not fully tighten yet.



7.8. Check for clearance around the bottom of the compressor on both sides and adjust lateral position of the Compressor to minimize contact with wire harness. Once a suitable position for the compressor is found, proceed to fully tighten the (3) Hex Bolts **[10mm]** and (2) Socket Cap Screws **[5mm]** securing the Compressor to the Compressor Bracket, and the Compressor Bracket to the Side Bracket. Then fully tighten the (1) factory bolt **[10mm]** securing the Side Bracket to the inner fender panel.

8. Mount ARB Single Compressor (If installing Twin Compressor, skip this step.)

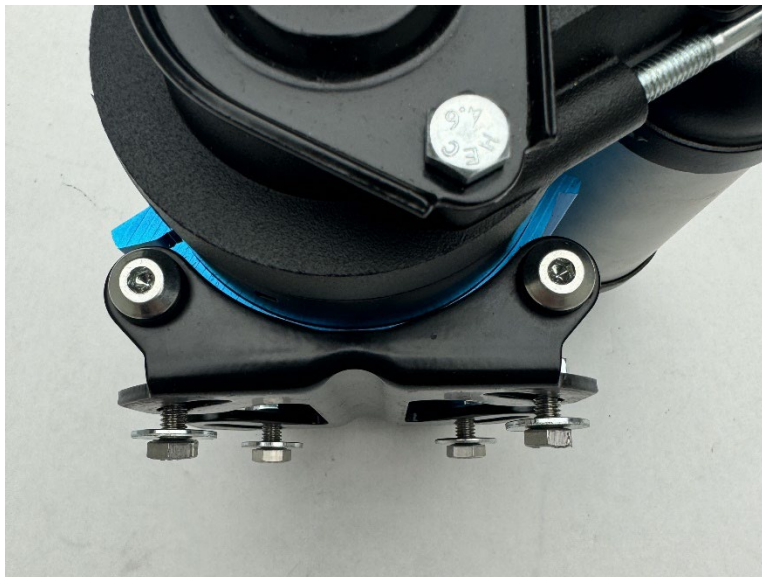
NOTE: Proper installation requires the pressure-switch which comes with your ARB Single Compressor. In order to use the ARB Single Compressor with a Quick-Connect Hose Coupling for airing-up tires, etc., a 3-

way 1/4" NPT Tee-Fitting [ARB Part No. 740106] is required. This can be purchased separately, or it is included in the ARB Pump Up Kit [ARB Part No. 171302V2].

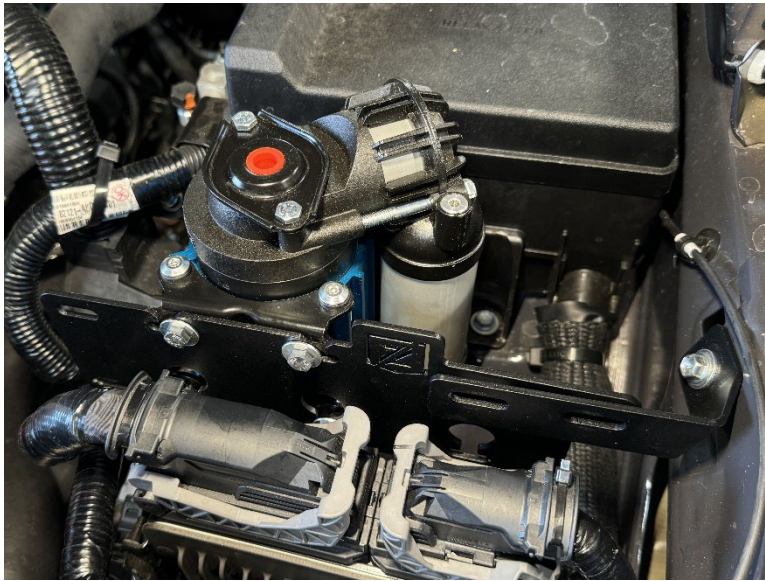
- 8.1. Using a [4mm] Allen wrench, loosen the Allen screws in the Compressor's blue heat sink and rotate the compressor to a similar angle as shown. Partially retighten the screws to keep the compressor from rotating further. This is to temporarily allow access underneath the compressor while mounting.



- 8.2. Using (4) M6 X 14mm Hex Bolts, (4) M6 Oversized Washers, and (4) M6 Flange Lock Nuts, partially thread the Nuts onto the Bolts inside the Compressor's mounting slots, with the bolt heads and washers on the bottom side, as shown.



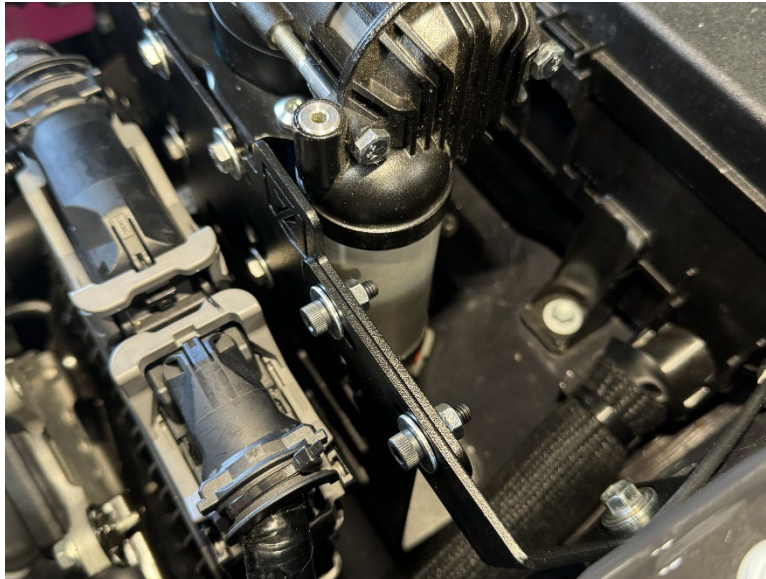
- 8.3. Pick up the compressor and tilt it so that all 4 washers contact the bolt heads, then, carefully feed the bolt heads and washers through the keyhole slots of the Compressor Bracket and slide the compressor down into place.



- 8.4. Using (2) [**10mm**] open-ended wrenches on both sides, proceed to fully tighten all 4 bolts securing the Compressor to the bracket, as shown.



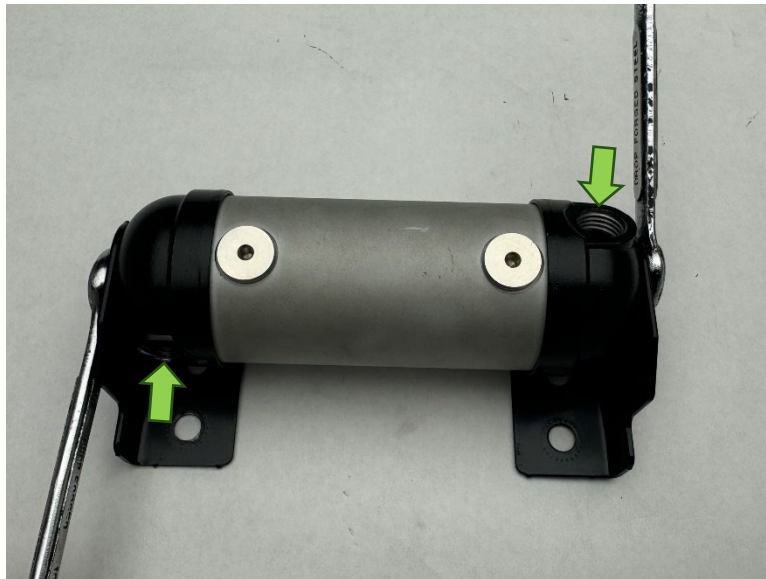
- 8.5. Loosen the Allen screws [**4mm**] again, enough to rotate the compressor until it's completely horizontal, then fully tighten the Allen screws.
- 8.6. Use (2) M6 X 18mm Socket Cap Screws [**5mm**], (2) M6 Oversized Washers, and (2) M6 Flange Lock Nuts [**10mm**] to secure the Side Bracket to the Compressor Bracket and tighten fully. Then, proceed to fully tighten the Factory Bolt [**10mm**] securing the Side Bracket to the inner fender panel.



9. Mount accessories to Manifold Bracket.

9.1. If installing ARB Manifold:

9.1.1. Use (2) [10mm] Open-Ended Wrenches to loosen the Manifold bolts and orientate the end-caps of the manifold with the ports facing in the same direction shown, then re-tighten.



9.1.2. Use (4) M4 X 14mm Hex Bolts and (4) M6 Flange Lock Nuts [10mm] to mount the Manifold to the Manifold Bracket. Bolt heads **must** be on the back side of the bracket, as shown.



9.1.3. Using Teflon tape or thread sealant, install the JIC-4 to 1/4" NPT Elbow Fitting into the Manifold port and orientate it as shown. The Elbow Fitting can be tightened with a [9/16"] Open-Ended Wrench. At this stage, you can install any other accessories you need, such as the ARB Quick Connect Hose Coupling (shown), and/or Air-Locker solenoids.

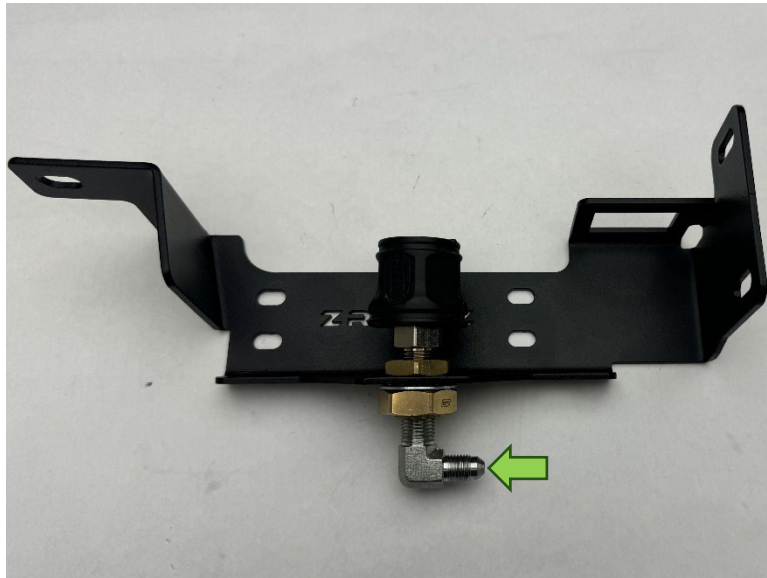


9.2. If installing ARB Quick Connect Hose Coupling *without* ARB Manifold:

9.2.1. Install the Brass Bulkhead into the hole of the Manifold Bracket.

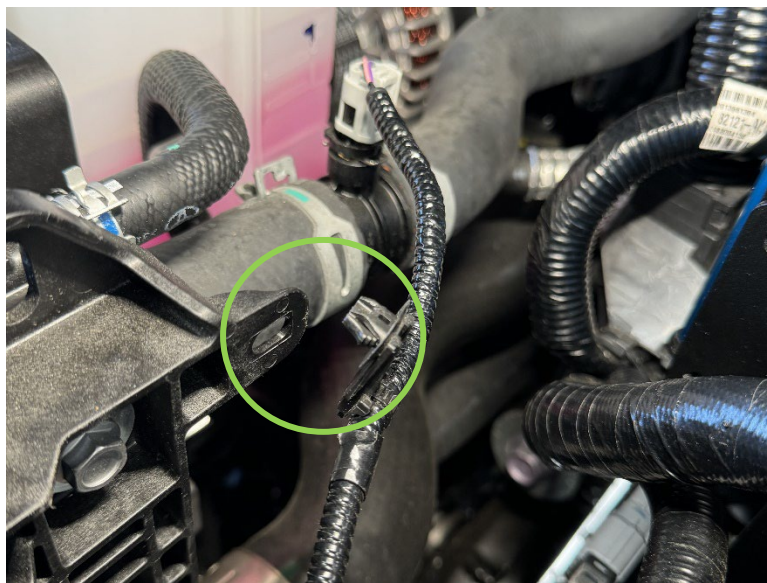
9.2.2. Using Teflon tape or thread sealant, install the JIC-4 to 1/4" NPT Elbow Fitting into the bottom of the Brass Bulkhead and orientate it as shown. The Elbow Fitting can be tightened with a [9/16"] Open-Ended Wrench.

9.2.3. Install the ARB Quick Connect Hose Coupling using Teflon tape or thread sealant.

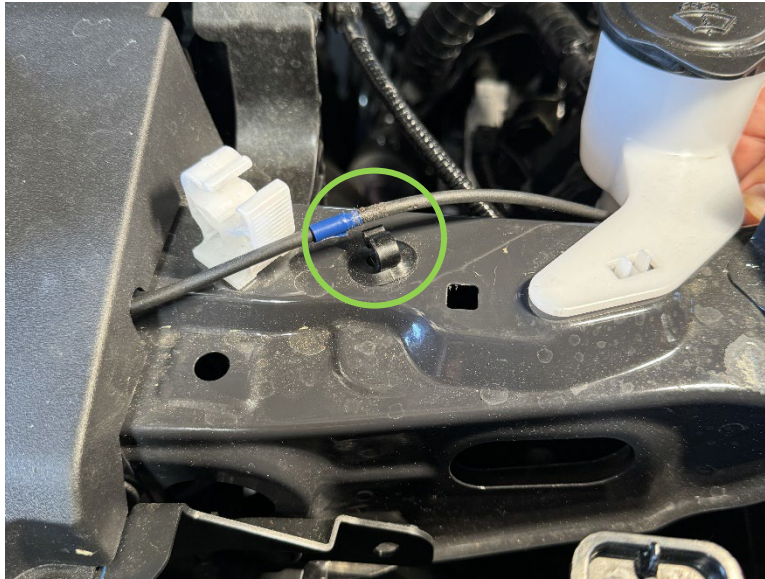


10. Install Manifold Bracket

10.1. Remove sensor wire clip as shown. Discard clip.

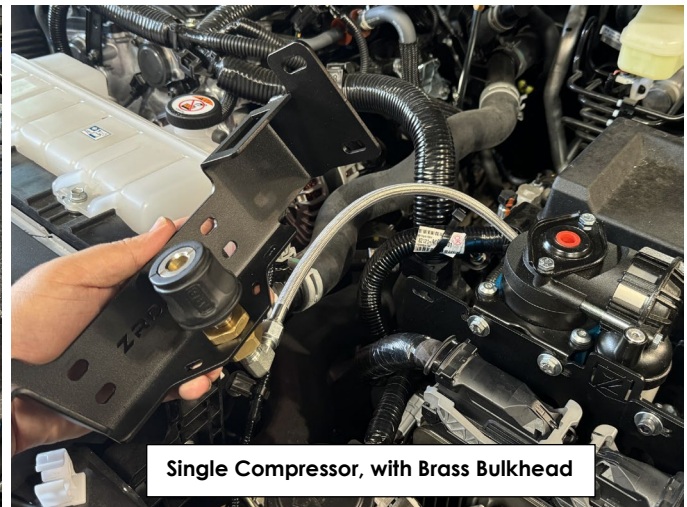
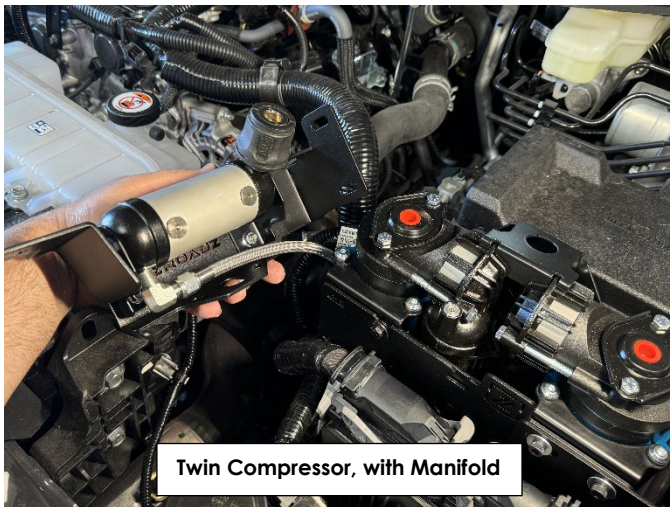


10.2. Pull hood-latch cable out from under clip, as shown.



10.3. Before mounting the bracket, install the other end of the Stainless Steel Braided Air Hose to the JIC fitting on the Manifold, or Brass Bulkhead. Tighten with a [9/16"] Open-Ended Wrench.

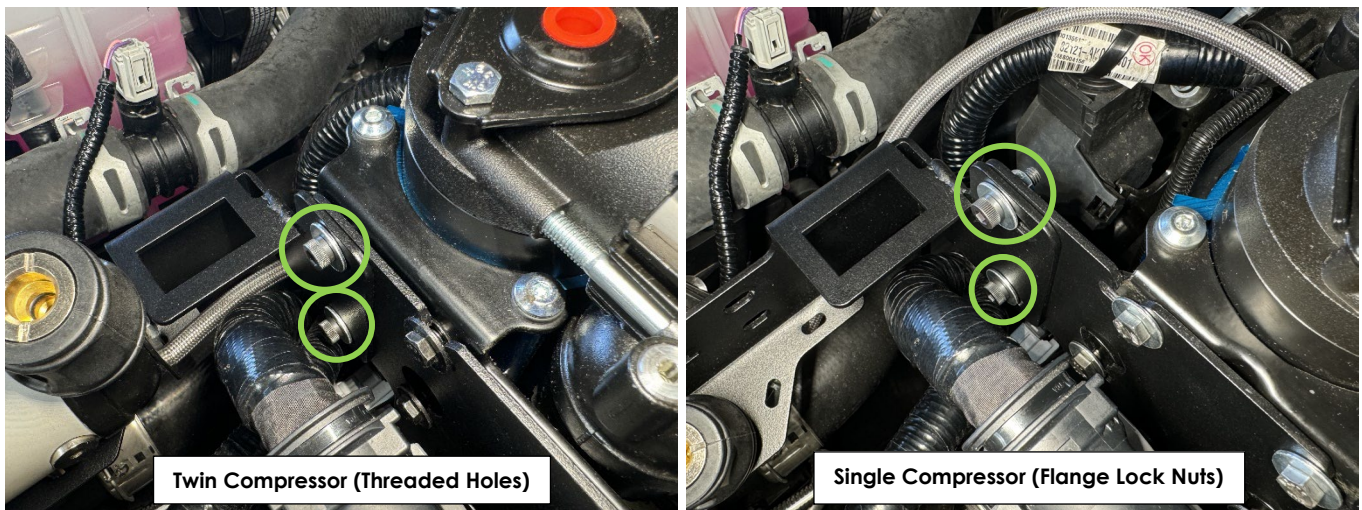
NOTE: JIC fitting threads do not require any Teflon tape or thread sealant.



10.4. Insert the Nut Holder into the opening in the core support, aligning the nut with the hole, and install the (1) M8 X 20mm Hex Bolt with the (1) 5/16" Flat Washer. Do not tighten yet.



10.5. Install (2) M6 X 18mm Socket Cap Screws [5mm] with (2) M6 Oversized Washers into the Twin Compressor's threaded holes, joining the Manifold Bracket to the Compressor Bracket, as shown. For the ARB Single Compressor, install these screws using (2) M6 Flange Lock Nuts [10mm] on the backside of the Compressor Bracket.



10.6. Fully tighten the (2) M6 Socket Cap Screws [5mm], then fully tighten the (1) M8 Hex Bolt [13mm].

10.7. Use a zip-tie to secure the sensor wire to the bottom of the Manifold Bracket.

You have now completed mechanical installation of your compressor.

For electrical wiring, refer to the ARB Compressor Installation Guide which came with your compressor.