



## JL/JT Twin ARB Compressor Mount Installation Instructions

Thank you for purchasing our JL/JT Twin ARB Compressor Mount!

### Installation Notes:

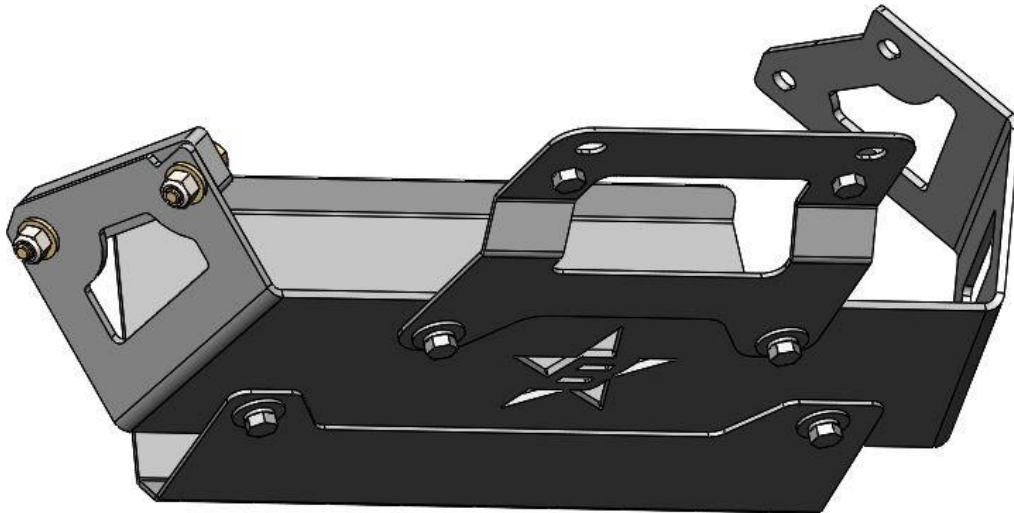
- This product is designed to fit a 2018-Current Jeep Wrangler JL 3.6L and a 2020-Current Jeep JT Gladiator 3.6L
- This mount is designed to work with an ARB high performance twin on-board compressor Part# CKMTA12 and optional air locker manifold kit Part# 171503
- Refer to the factory service manual to remove any factory component.
- All NPT fittings will need to have some form of pipe sealant installed before installation
- All stainless hardware requires anti-seize to be applied during installation
- Factory Clips that hold the fender to the Jeep usually break, we recommend purchasing replacements before installation.

### Tools required:

- 10MM Wrench
- 10MM Socket
- 7/16" Wrench
- 5/32" Allen Socket
- 1/2" Wrench
- 9/16" Wrench
- 5/8" Wrench
- 11/16" Wrench
- 3/4" Wrench
- 3/8" Ratchet
- 4" Extension
- Flat Head Screwdriver
- Pipe Sealant or Plumber tape
- Anti-Seize
- Utility Knife

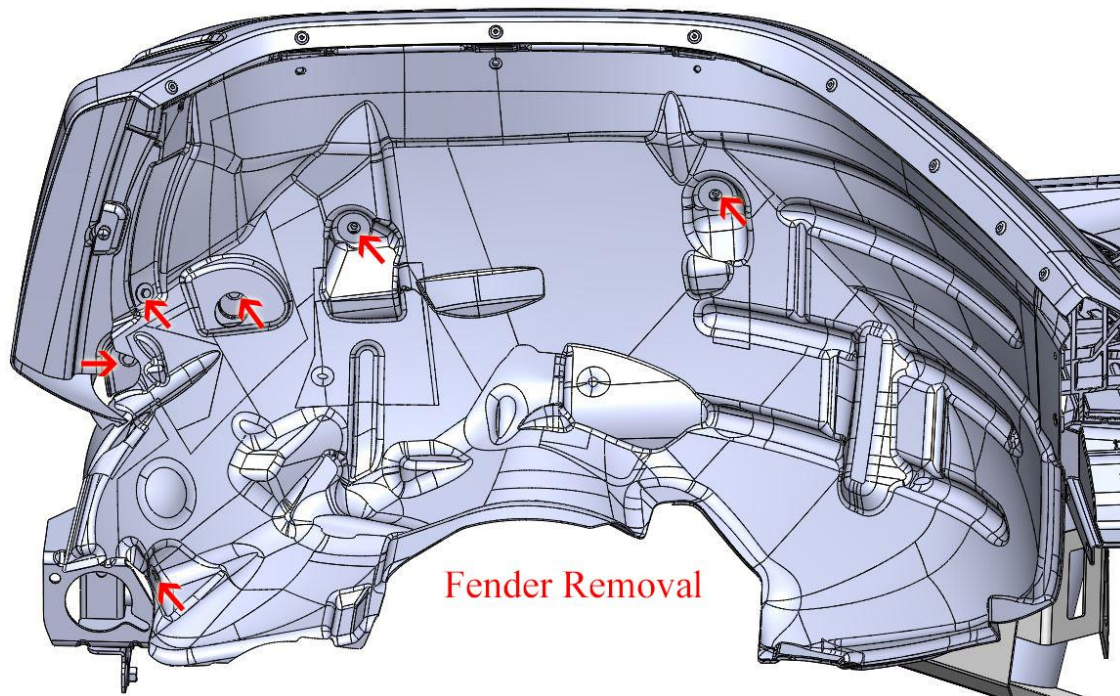
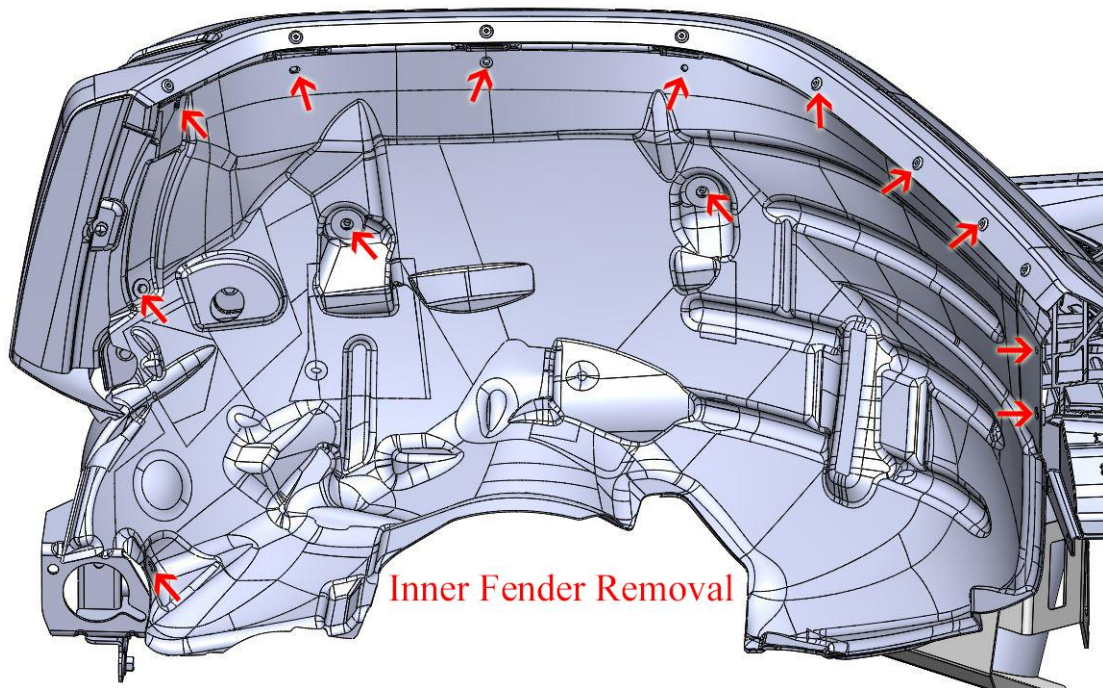
## Contents of box

Bill of Materials for B4WK12662		
QTY	Part Number	Description
1	B4W075035P	JL/JT ARB Twin Compressor Manifold Mount Powder Coated
1	B4W075036P	JL/JT ARB Twin Compressor Heat Shield Powder Coated
1	B4W075037P	JL/JT ARB Twin Compressor Control Panel Powder Coated
1	B4W375214P	JL/JT Twin ARB Compressor Mount Spacer Powder Coated
1	B4W125070P	JL/JT Twin Arb Compressor Mount Powder Coated
2	53525K17	90° Elbow for 3/8" Hose ID x 1/4 NPTF Male
2	5346K35	Straight Adapter for 3/8" Hose ID, 1/4 NPTF Female
3	9250144	JIC 4M x 1/4 NPTM 90 Elbow
1	9-306-N-4	JIC 4 Bulkhead Lock Nut 306-N-4
1	9-2705-4-4	JIC 4 Male x 1/4" NPT Female Straight Adapter
1	FBPA0049-24	Stainless Steel, 24 in. Length, -4 AN Female Straight/-4 AN Female 90 deg., Ends
1	5304K22-2FT	3/8" ID Air Hose 2FT
1	.60CNHF0Z/6923	M6-1 Hex Flange Nut Zinc
1	.60C250BHF1Z/6921	M6-1 X 25MM Bolt Hex Flange Zinc
2	25C100KBCS	1/4-20 X 1 Button Head Cap Screw Stainless
2	25C50KBCS	1/4"-20 x 1/2" Button Cap Screw Stainless
2	25NWUSS	1/4 USS Flat Washer Stainless
4	25CNNES	1/4-20 Nylock Stainless



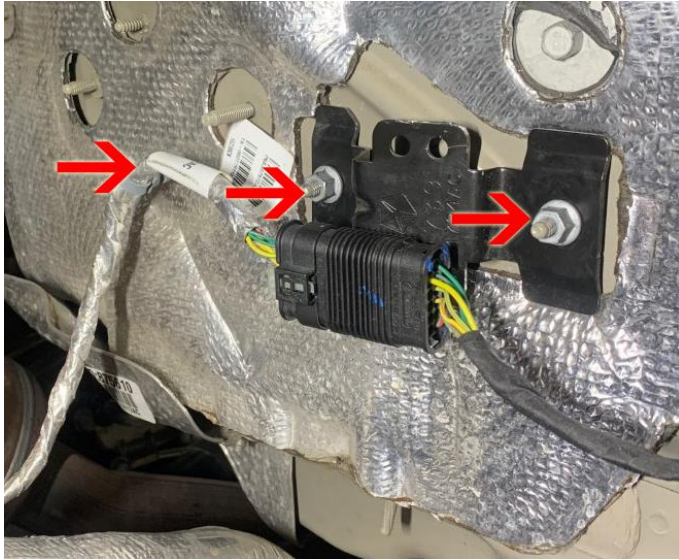
## Step 1:

Park the Jeep on a level surface. Remove either the inner fender or the entire driver's fender flare. If you remove just the inner fender 3 plastic rivets will need to be replaced during reinstallation. Once the hardware is removed from the fender flare should just pop off with some force.



## Step 2:

Remove the two nuts and the wire on the studs holding the wiring bracket to the fire wall. The bracket will need to be turned 90 degrees and then be reinstalled. The wiring will also need to be moved out of the way as shown below.



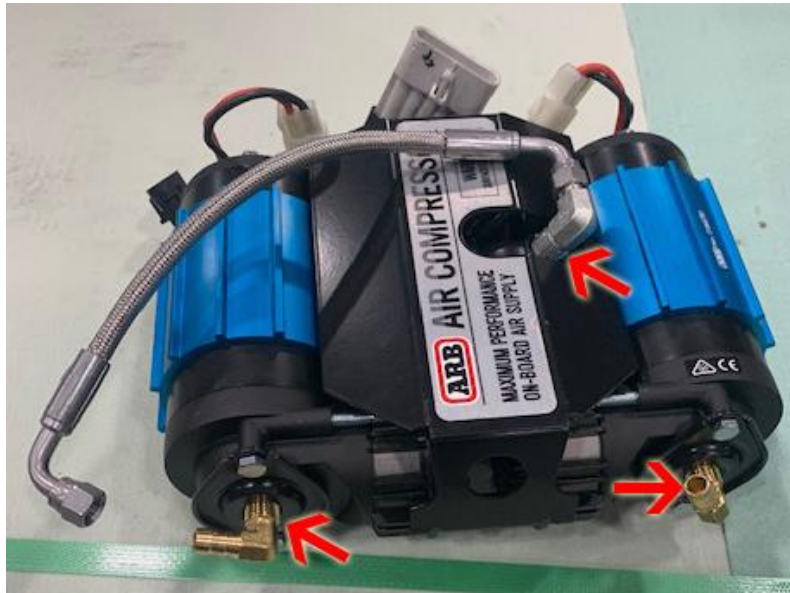
## Step 3:

Remove the 2 wire clips and reroute the wire out of the way as shown below.



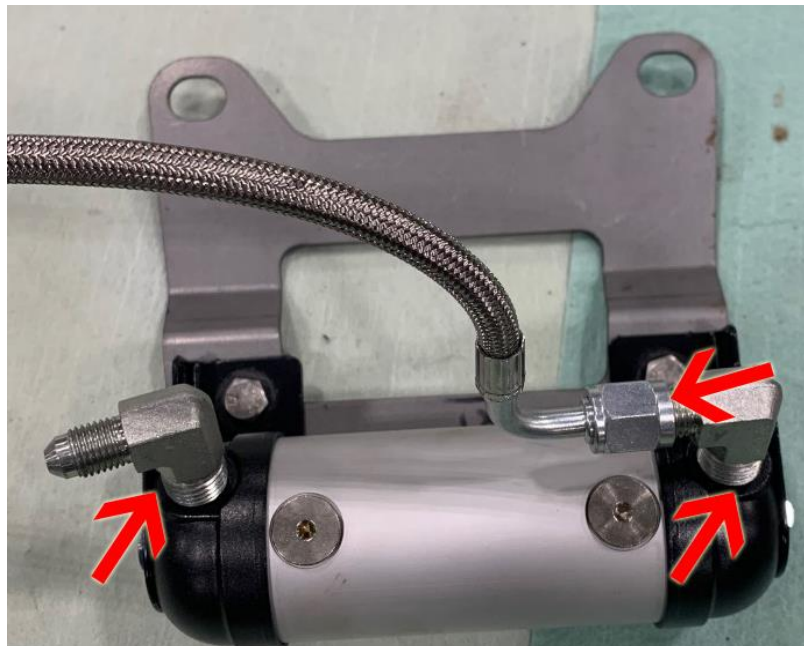
## Step 4:

Setup the ARB compressor as shown below. The 90° fitting on the top of the compressor needs to be rotated as close to the body of the compressor as possible to clear the master cylinder. Refer to ARB Manual on how to rotate the compressor outlet. If you have opted to use the ARB manifold kit you will need to install its supplied airline now. If not, you will need to install our supplied airline with the 90° at the compressor.



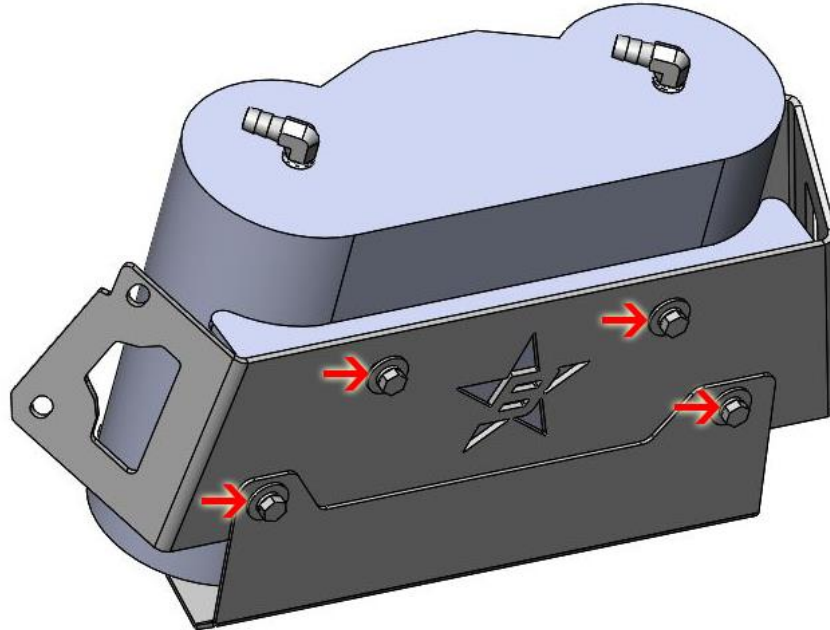
## Step 5:

If you have opted to use the ARB manifold, you will need to set it up now as shown below. The manifold will bolt to the bracket using the supplied hardware. The ARB supplied hardware will be too long.



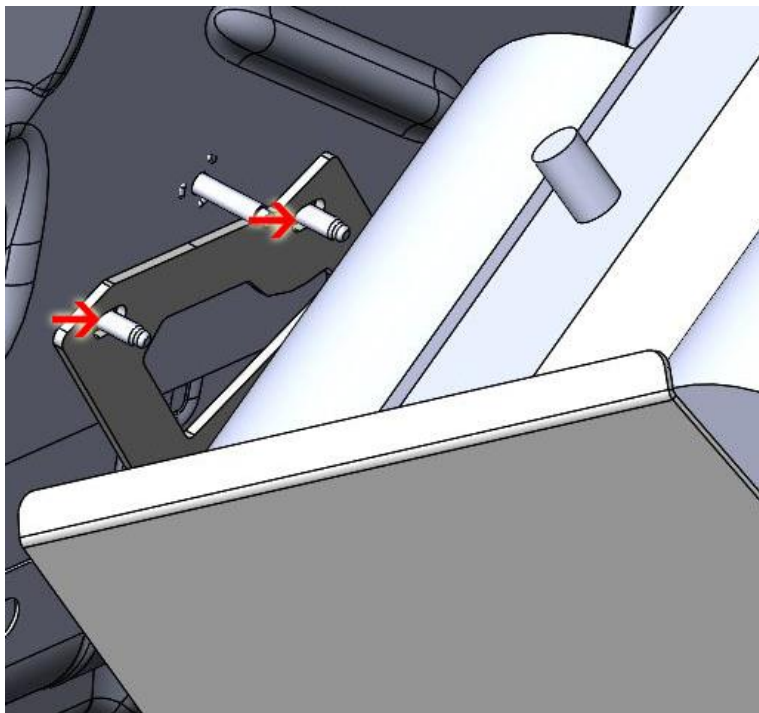
## Step 6:

Install the bracket and the heat shield to the compressor as shown below. If you are opting to run the ARB Manifold do not install the top 2 bolts into the bracket. If you are not using the manifold these bolts can be installed.



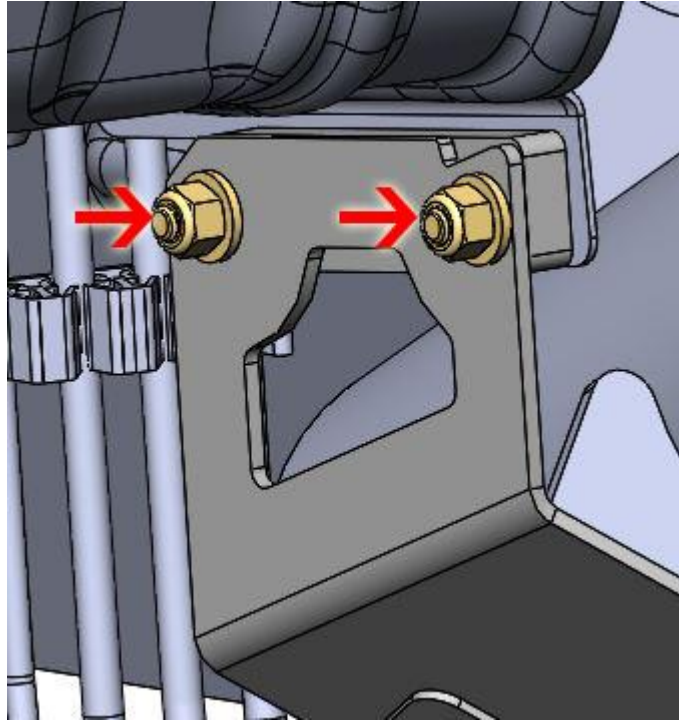
## Step 7:

Place the compressor assembly onto the two studs of the fire wall of the Jeep. You will use one factory nut and one supplied nut on the studs.



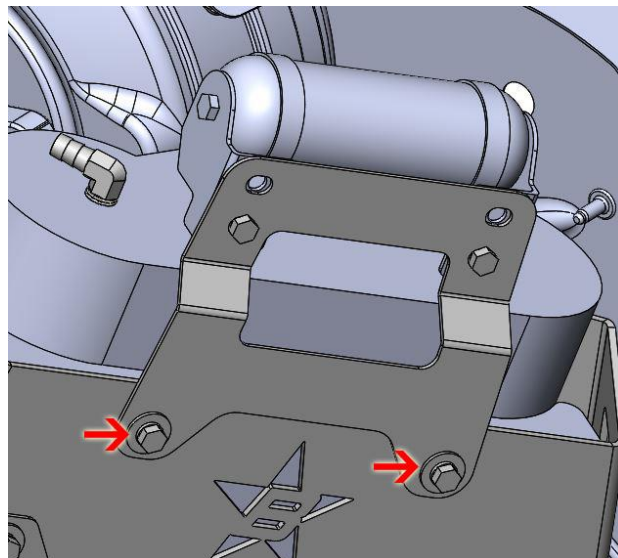
### Step 8:

Install the supplied spacer and bolts into the bracket through the ABS module mounting bracket as shown below.



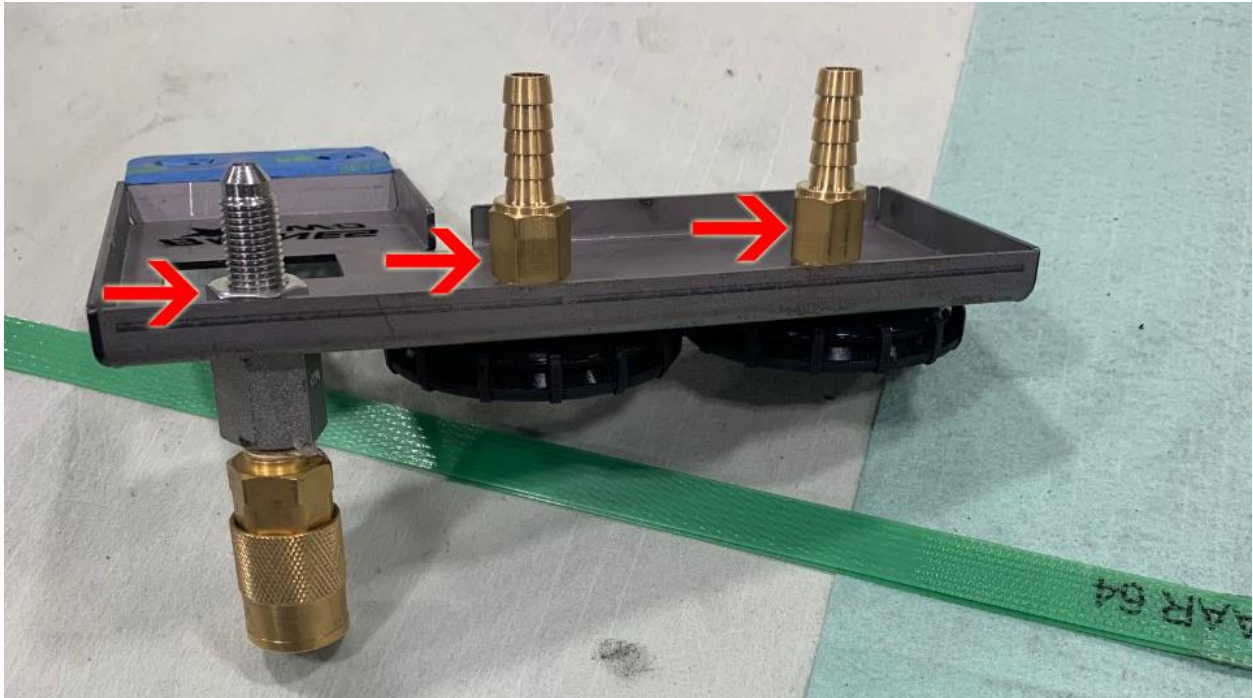
### Step 9:

If you have opted to use the ARB manifold install the bracket on the compressor as shown below. Install ARB supplied hose to the manifold.



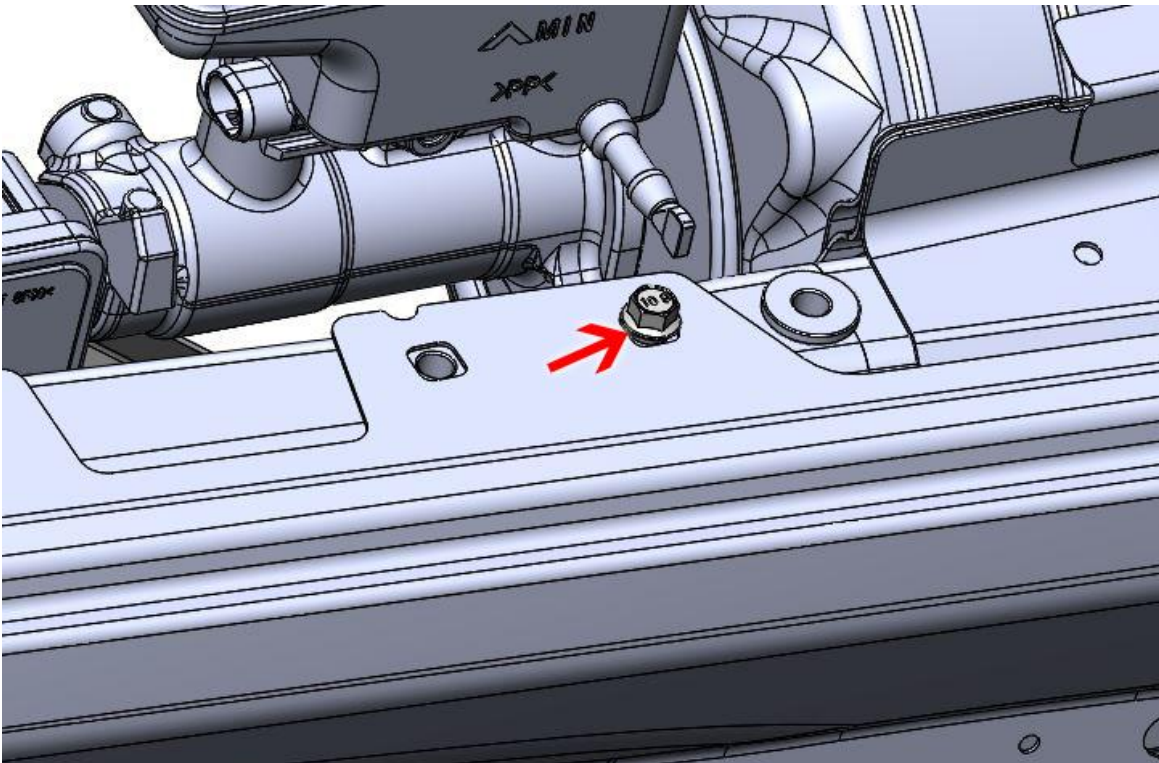
### Step 10:

Setup the control panel as shown below do not overtighten the ARB filters.



### Step 11:

Remove the Rear bolt holding the fender to the Jeep.



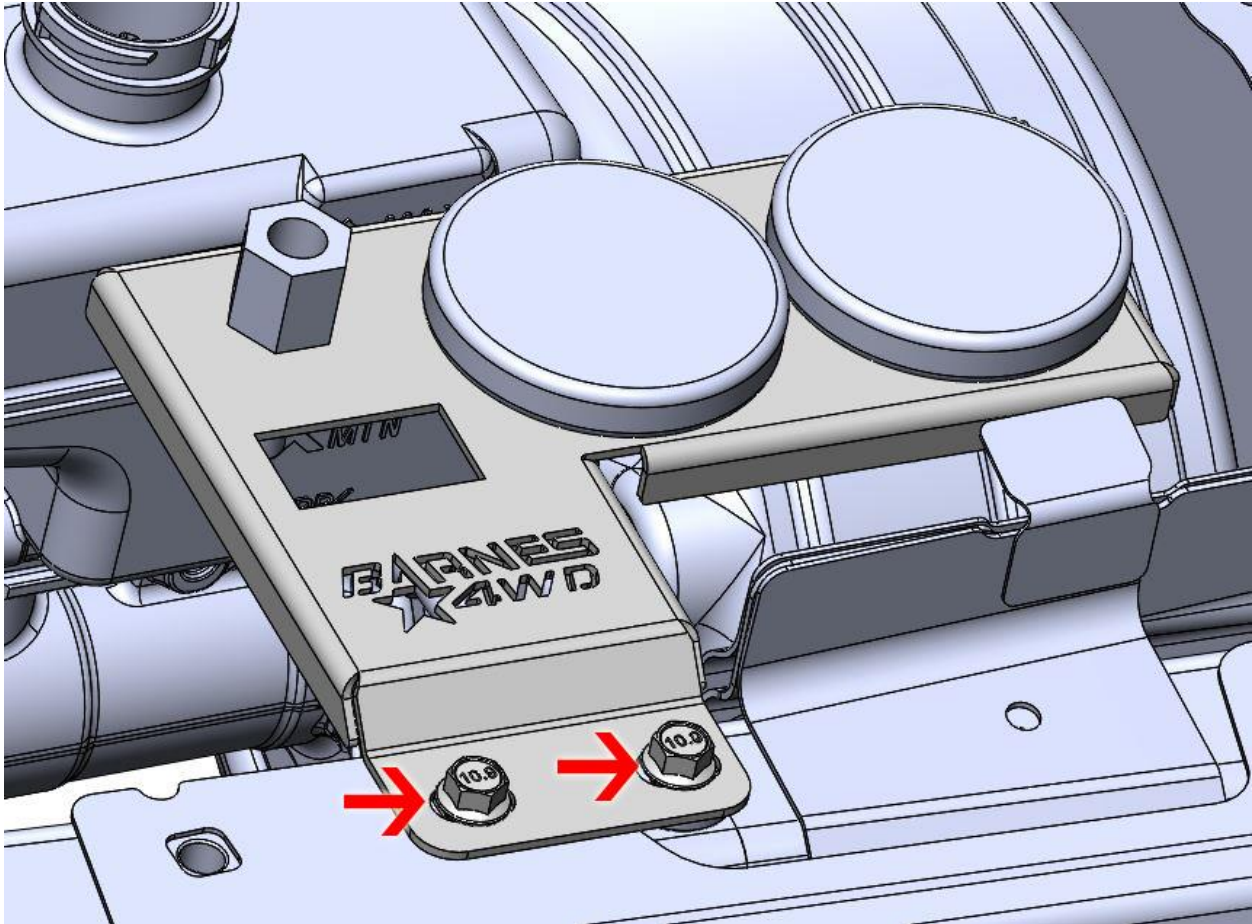


### Step 12:

Cut the supplied 3/8" hose into 2 pieces one 15" and one 9". Install the hose onto the barb fittings on the compressor and the filters. Install the stainless hose on the bulkhead.

### Step 13:

Install the control panel on the fender as shown below. The panel should use one factory bolt and one supplied bolt.



### Step 14:

Refer to the ARB manual on how to wire the air compressor and install the supplied rocker switch into the control panel.

### Step 15:

Reinstall the inner fender or the fender flare that was removed in step 1

# **Congratulations! You have finished the installation of the Barnes4wd JL/JT Twin ARB Compressor Mount.**

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