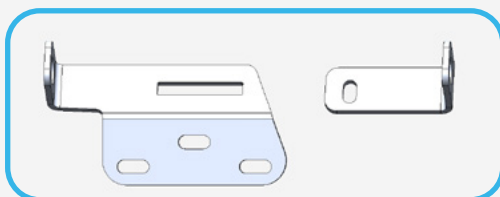
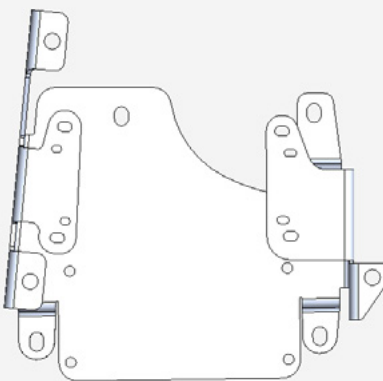
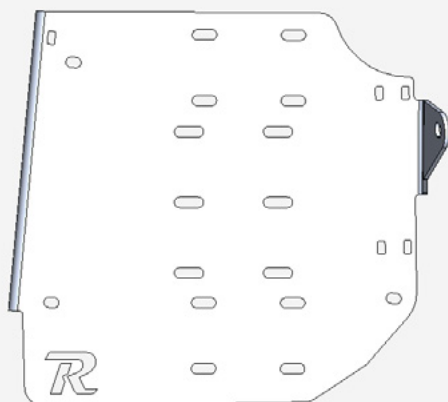


AIR COMPRESSOR MOUNT/WIFEY BLOCK MOUNT

2025-UP/TOYOTA 4RUNNER

AC7110700NA, AC7110800NA

AC7110700NA



AC7110900NA

TOOLS REQUIRED

- 8mm, 10mm sockets
- 7/16, 9/16, 5/8, 11/16 wrenches
- Fastener Removal Tool
 - Teflon Tap
- Rivet Nut Hand Tool
 - 5/32, 1/4 Allen

SKILL LEVEL

- Easy

TIME REQUIRED

- Approximately 60 Minutes (This installation guide covers the installation of the product only. It does not include instructions and time for wiring)

WARNINGS/CAUTIONS BEFORE STARTING INSTALLATION

-BEFORE YOU INSTALL THIS KIT-

Read and understand all instructions, warnings, cautions, & notes contained in this installation instruction guide. Consult your vehicle owner's manual for proper disconnection of electrical and lifting of vehicle if required for installation of this product.

This install may require some technical skills and knowledge of basic mechanical work. If you do not feel that you are capable of performing this install please take this product to a trained professional.

After reading this guide please contact us with any questions or concerns before installing product.

Customer Service: 830-896-7571

Rago Fabrication is **not** responsible for any bodily injury or harm to you or your vehicle as a result of an improper install.

Proper installation of this kit required knowledge of the factory recommended procedures for removal and installation of original equipment components.

We recommend that the factory shop manual and any special tools needed to service your vehicle be on hand during the installation. Installation of this kit without proper knowledge of the factory recommended procedures may affect the

performance of these components and the safety of the vehicle.

Inspect all contents of this package to make sure product is not damaged and all installation hardware has been included. If parts are missing from kit, please be prepared to provide the following information:

1. Name of purchase location
2. Bar Code on side of box
3. Date above bar code
4. Date inside box cover

***ALWAYS WEAR EYE PROTECTION
WHEN OPERATING POWER TOOLS***

INSTALLATION GUIDE

HARDWARE

AC7110700NA

A.



1/4-20 X 3/4" BUTTON HEAD

QTY: 3

A1.



1/4-20 X 1" BUTTON HEAD BOLT

QTY: 4

A2.



1/4" FLAT WASHER

QTY: 8

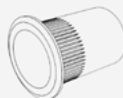
A3.



1/4-20" NYLON LOCK NUT

QTY: 4

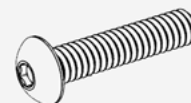
B.



1/4-20" RIVET NUT

QTY: 3

C.



M6-1.00MM X 20MM BUTTON HEAD BOLT

QTY: 1

C1.



M6 FLAT WASHER

QTY: 4



INSTALLATION GUIDE

HARDWARE

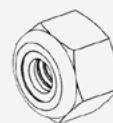
AC7110900NA

D.

1/4-20 X 3/4" CARRIAGE BOLT

QTY: 1**D1.**

1/4" FLAT WASHER RAW

QTY: 1**D2.**

1/4-20" NYLON LOCK NUT RAW

QTY: 1**E.**

1/4-20 X 1/2" BUTTON HEAD BOLT

QTY: 3**E1.**

1/4" FLAT WASHER

QTY: 3**E2.**

1/4-20" NYLON JAM LOCK NUT

QTY: 3

□ STEP 1

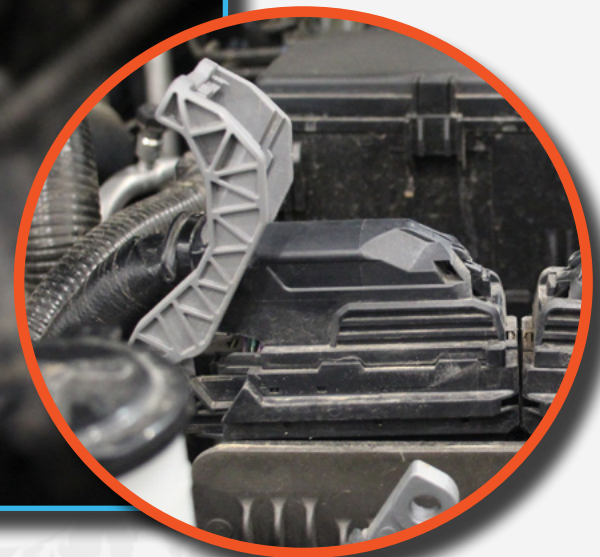
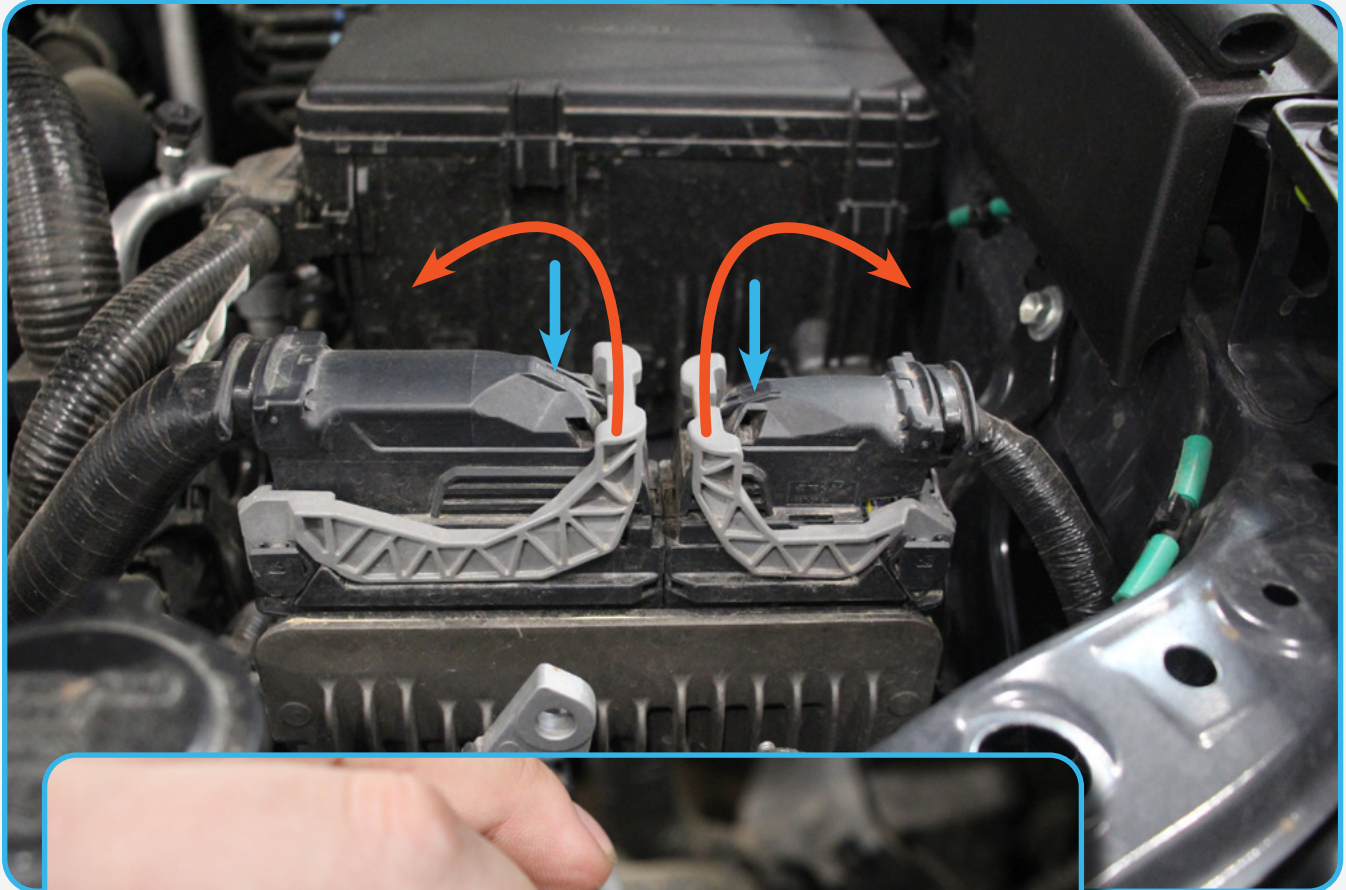
Prior To Beginning installation, disconnect the battery (-) ground terminal, then locate the ECM (larger) and TCM (smaller) indicated below.



STEP 2

Starting with the ECM, remove the main harness connections by swinging the retaining lock away from the module, then pulling the plugs from the module.

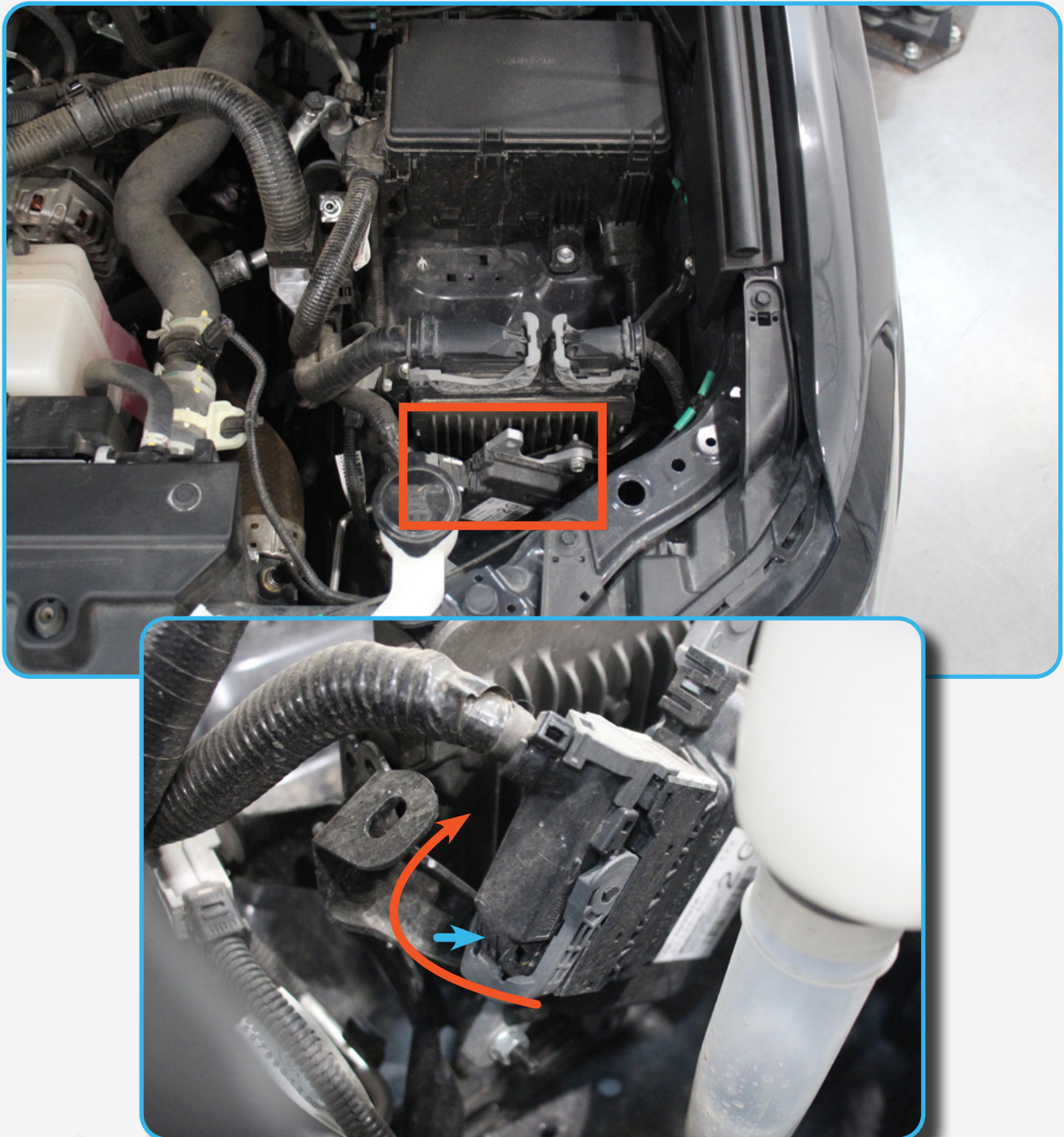
(Use care to avoid damaging the wiring and pin connections in the plug)



STEP 3

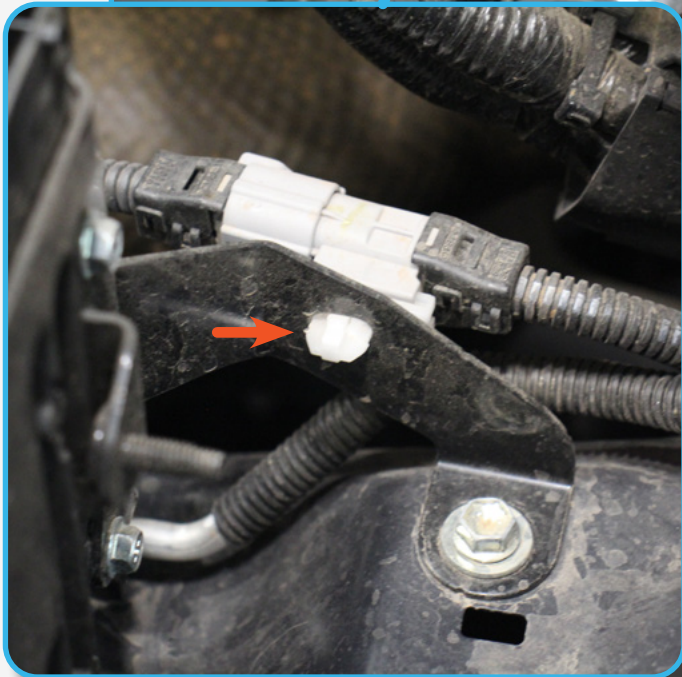
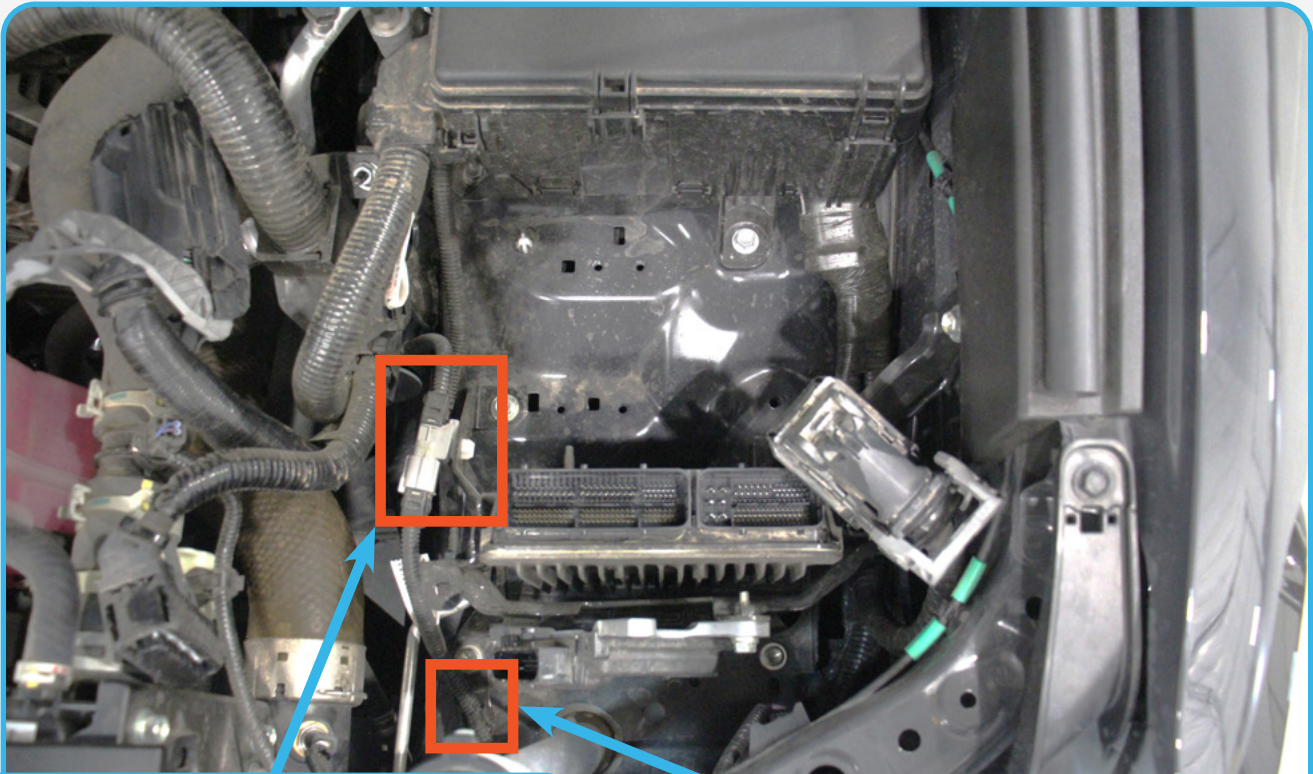
Next, disconnect the harness connection from the TCM by using the same technique from the ECM.

(Use care to avoid damaging the wiring and pin connections in the plug)



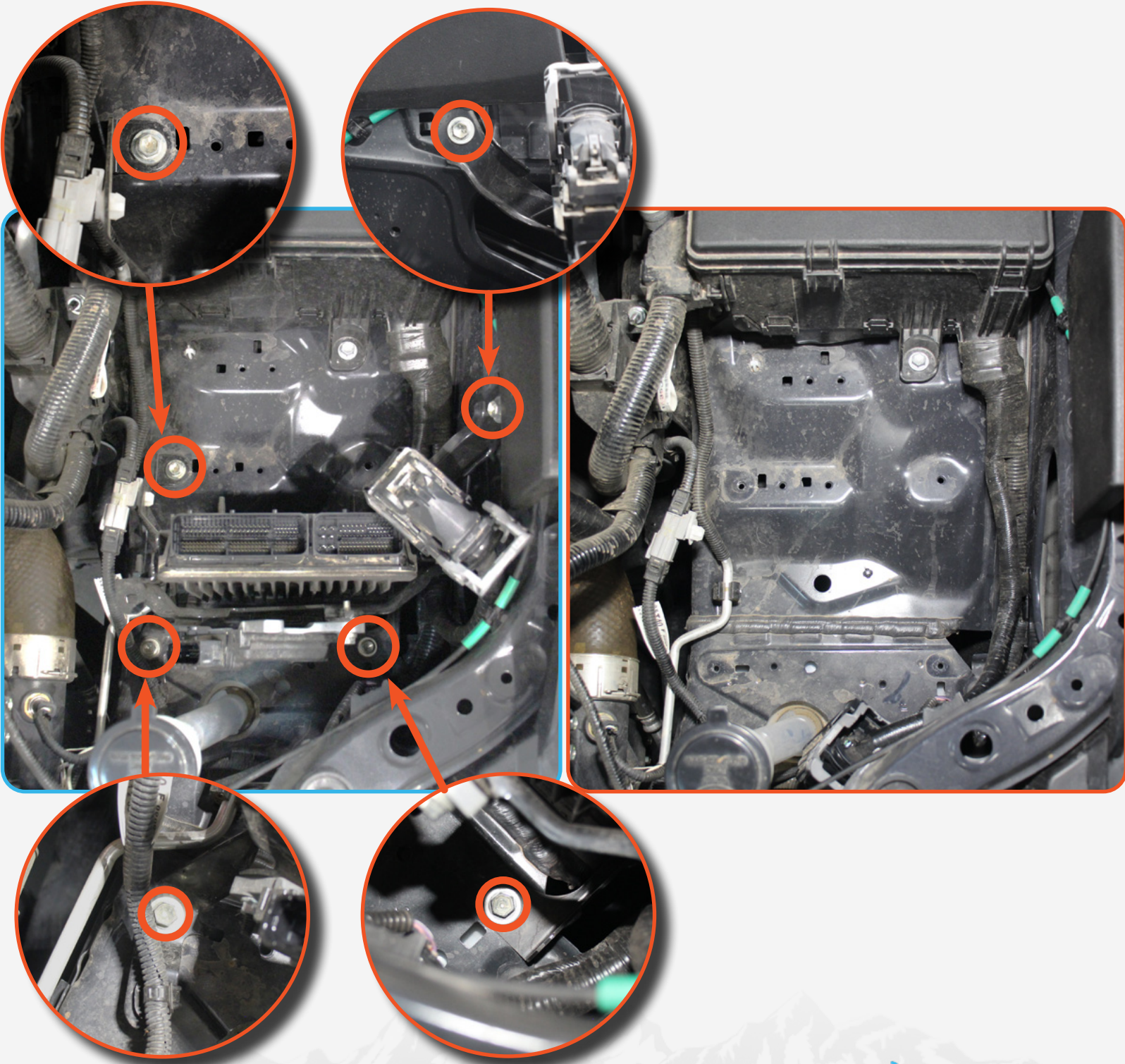
STEP 4

Using a (fastener removal tool) remove the retaining clips from the highlighted sections below.



STEP 5

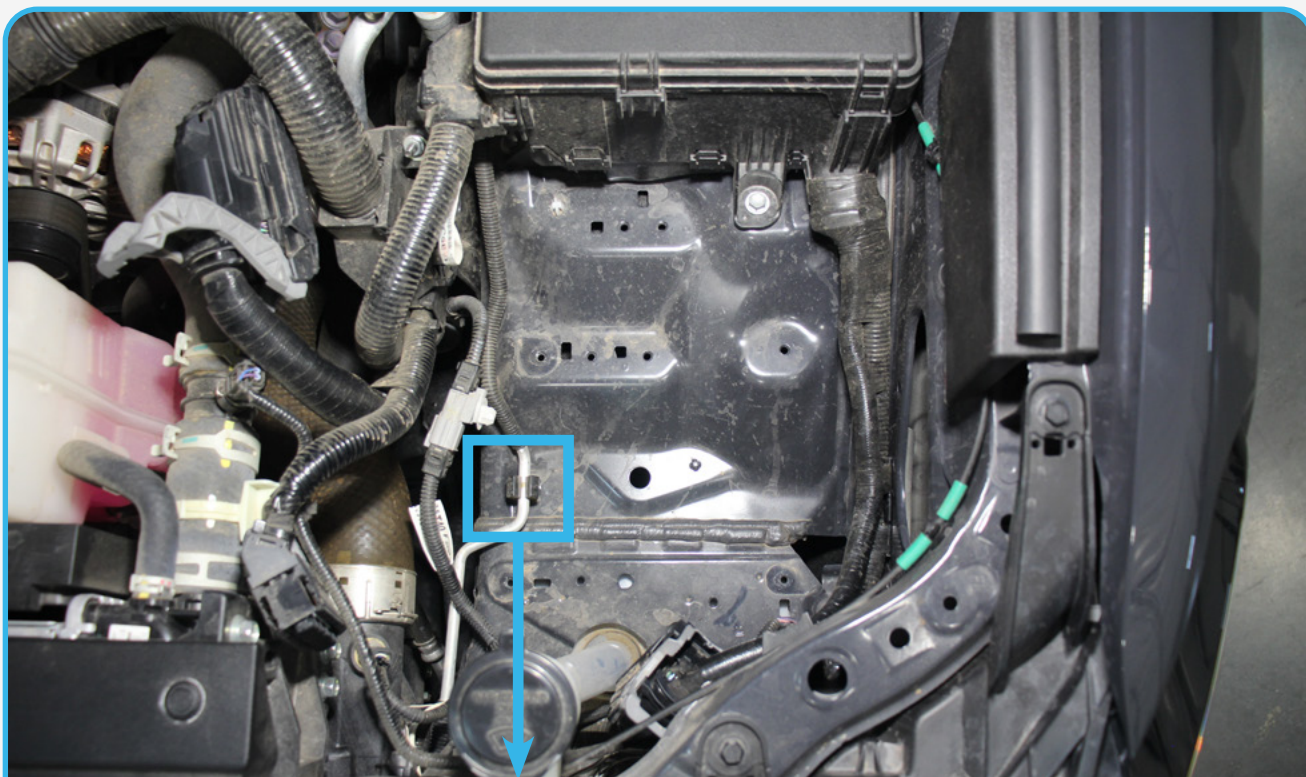
Using a (10mm socket) remove the mounting hardware for the ECM & TCM bracket and set aside.
(KEEP HARDWARE FOR LATER ON IN THE INSTALL)



□ STEP 6

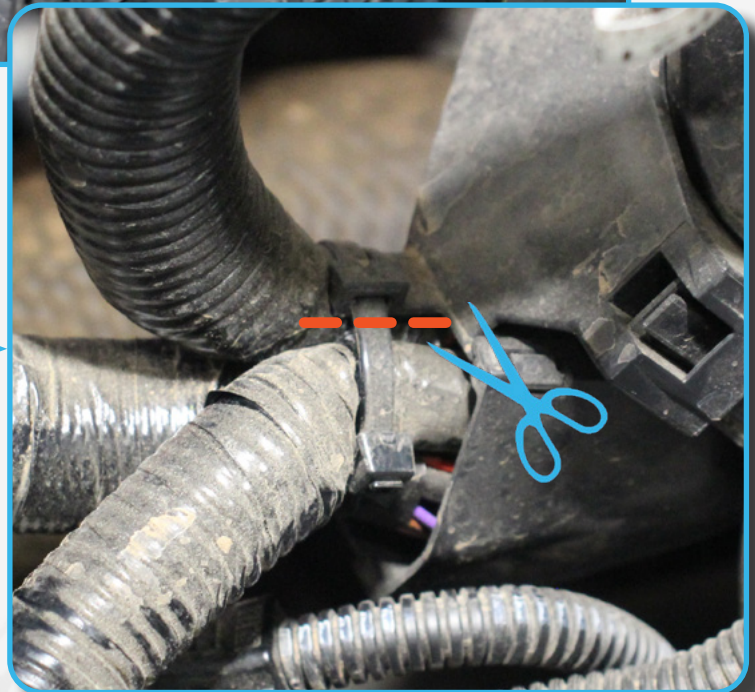
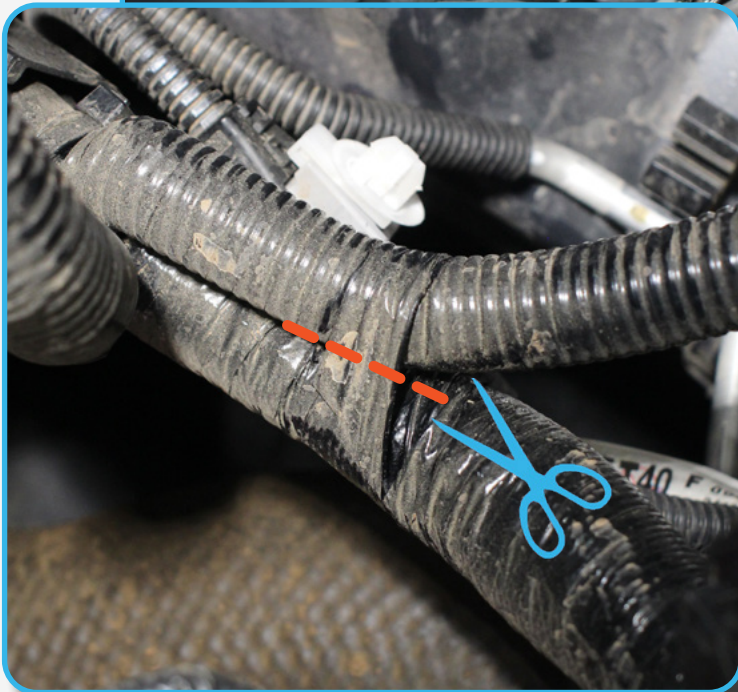
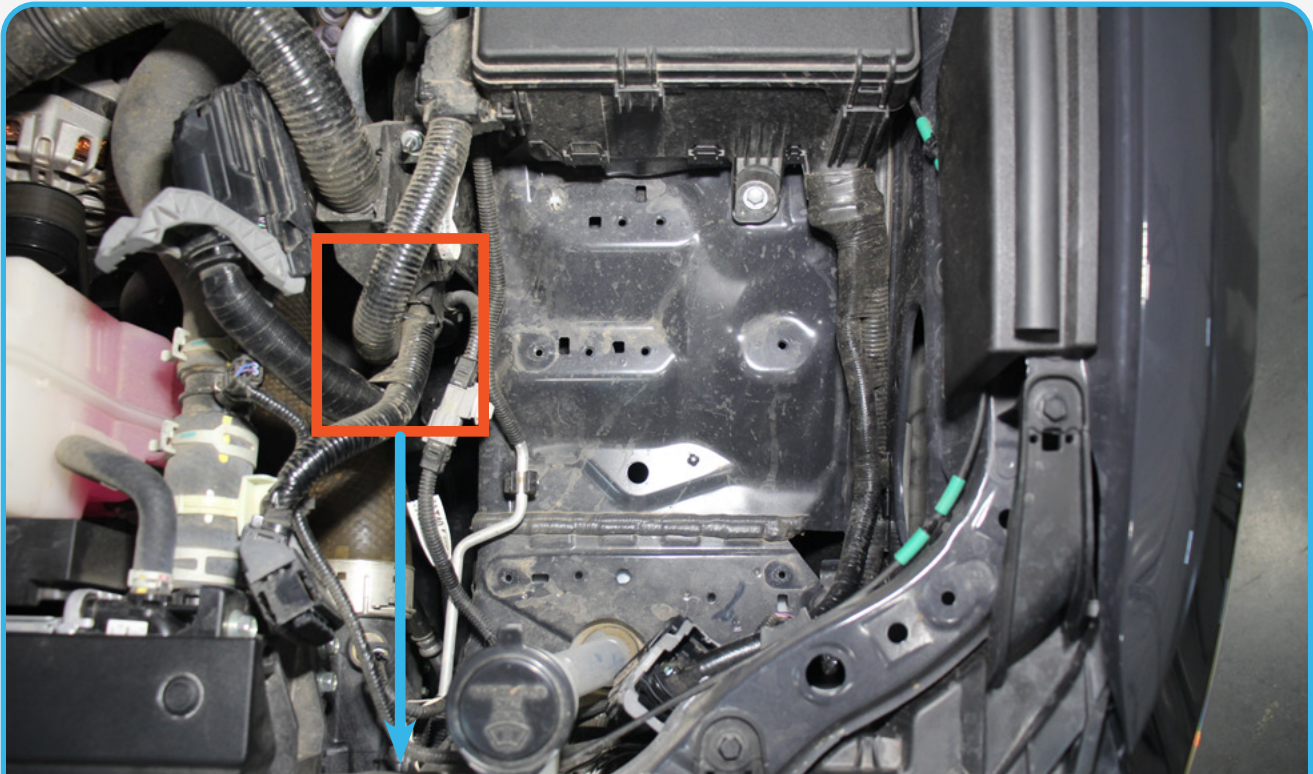
Remove the cooling line indicated below from the rubber clamp. Move to the left side as shown below.

Optional: Remove the rubber clamp using a pry tool and drill a hole to the left and re insert.



□ STEP 7

Cut the zip electrical tape holding the two plug ins to the ECM and the zip tie as indicated below.



STEP 8

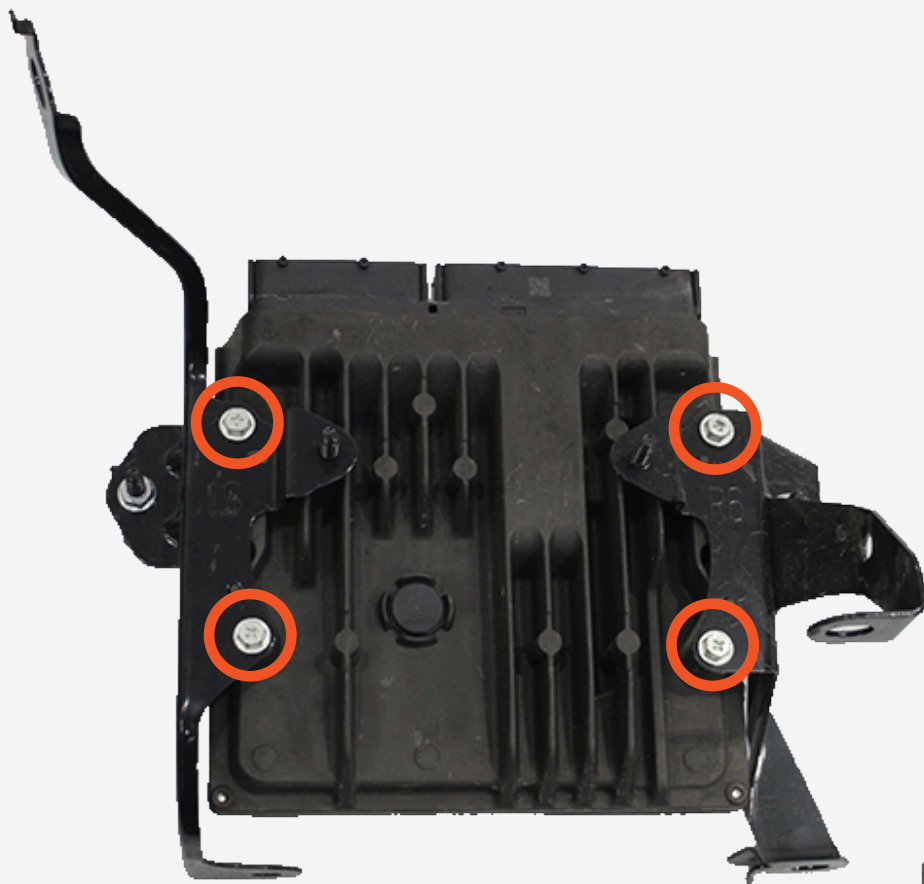
Using a (10mm socket), remove the TCM from the bracket as shown below.



INSTALLATION GUIDE

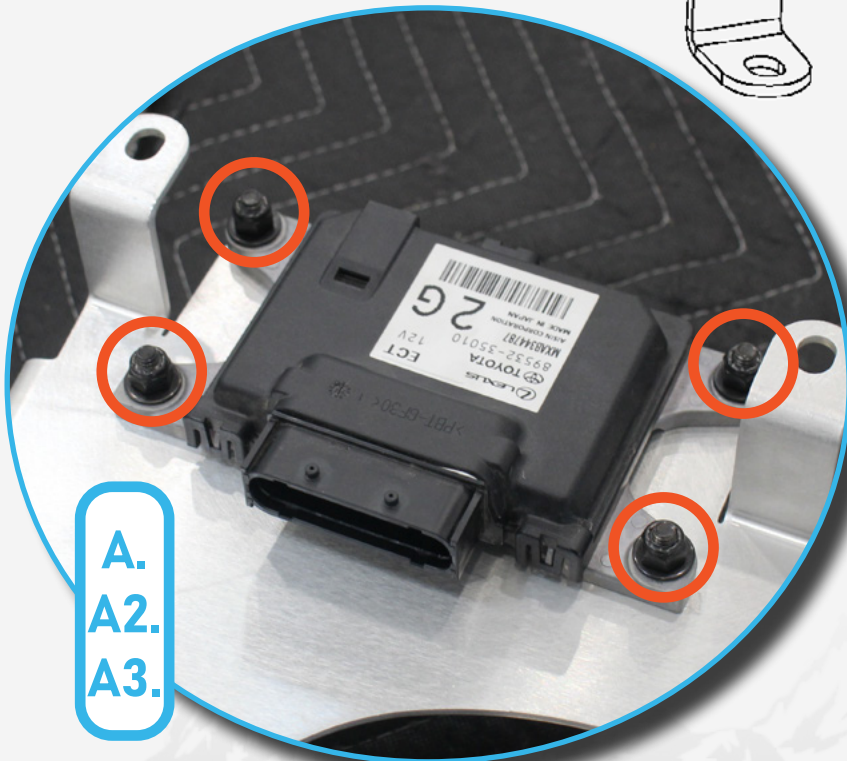
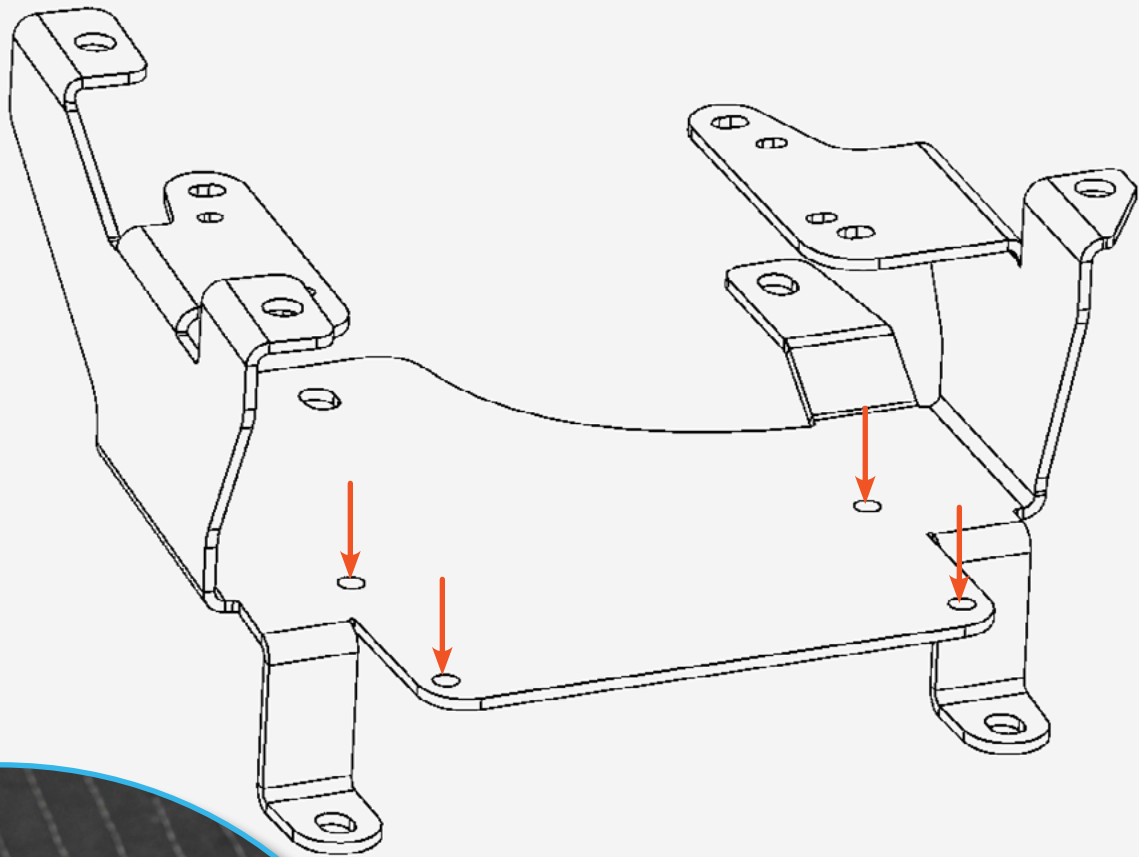
□ STEP 9

Using a (8mm socket), Remove the ECM from the bracket as shown below. (KEEP HARDWARE)



□ STEP 10

Install the TCM to the bottom of the air compressor bottom mount as shown below with the provided (A, A2, A3) 1/4" hardware using a (5/32 allen) and a (7/16 wrench).



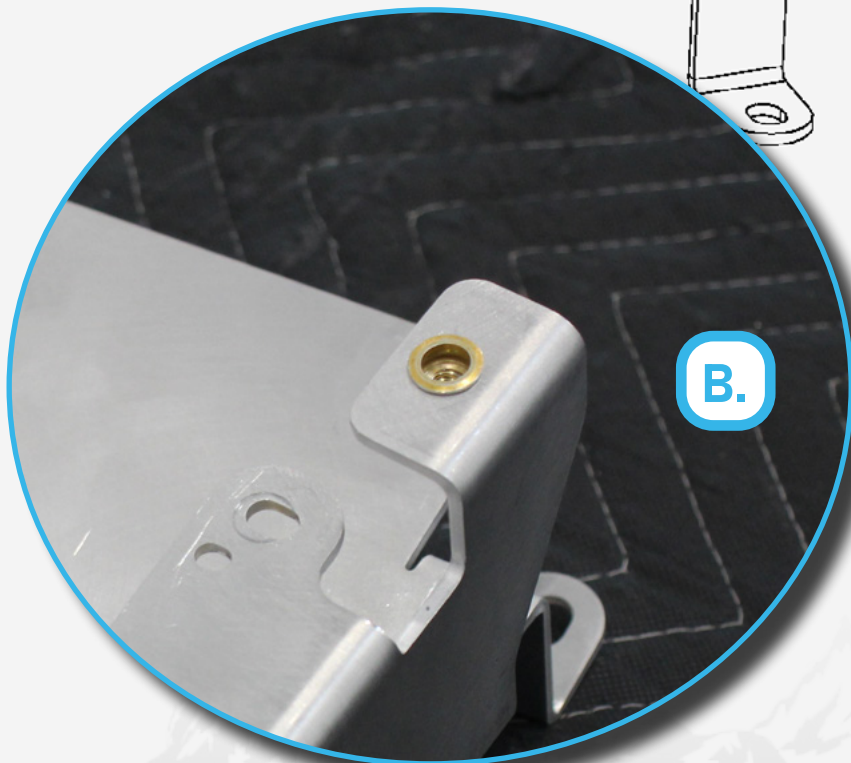
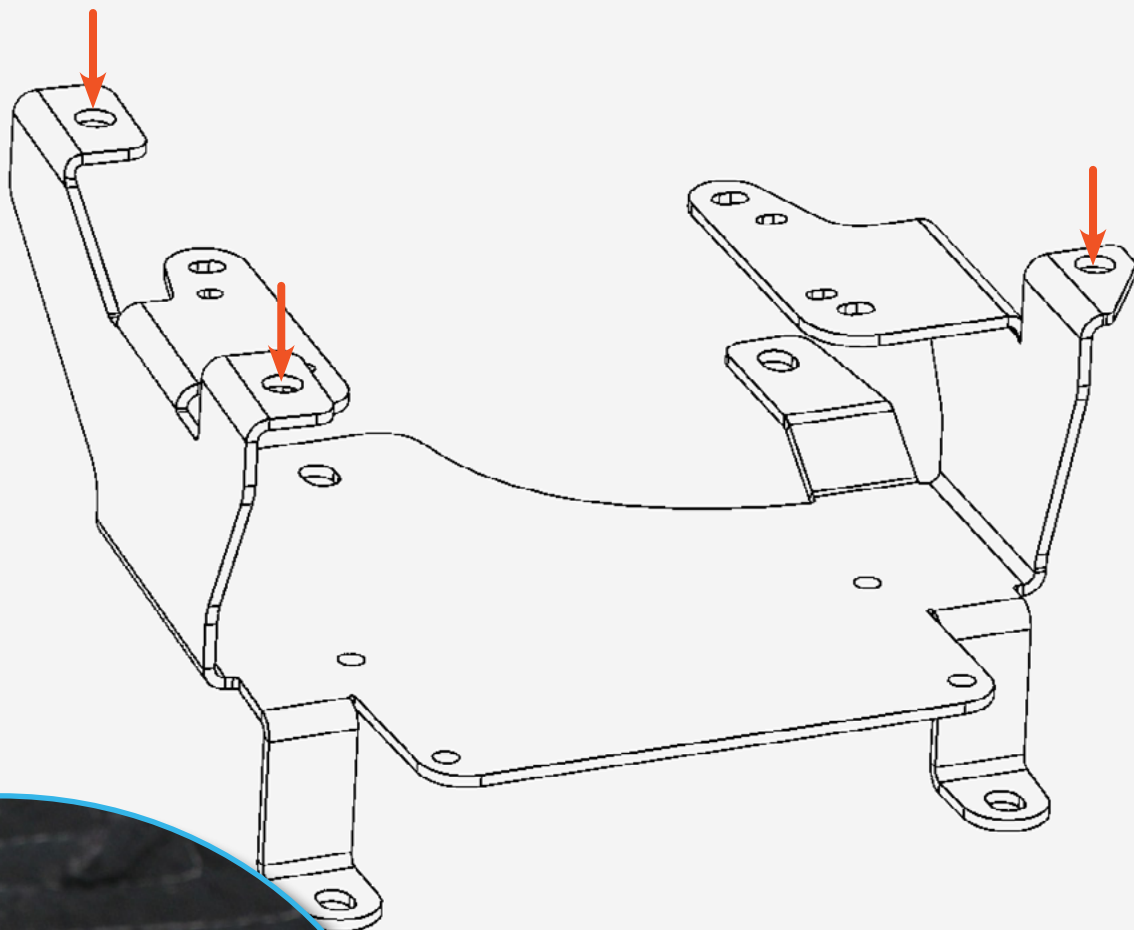
A.
A2.
A3.



INSTALLATION GUIDE

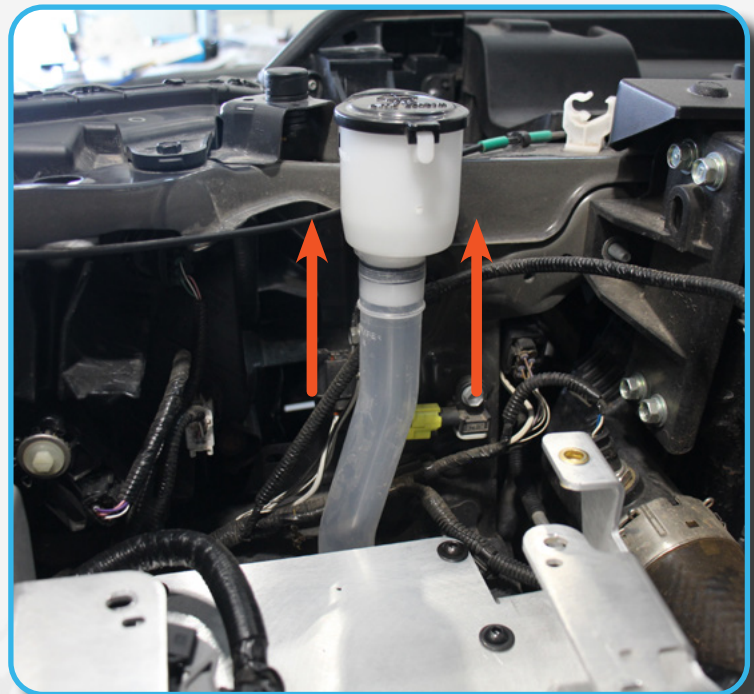
□ STEP 11

Install the (B) rivet nuts into the holes shown below using a (rivet nut hand tool).



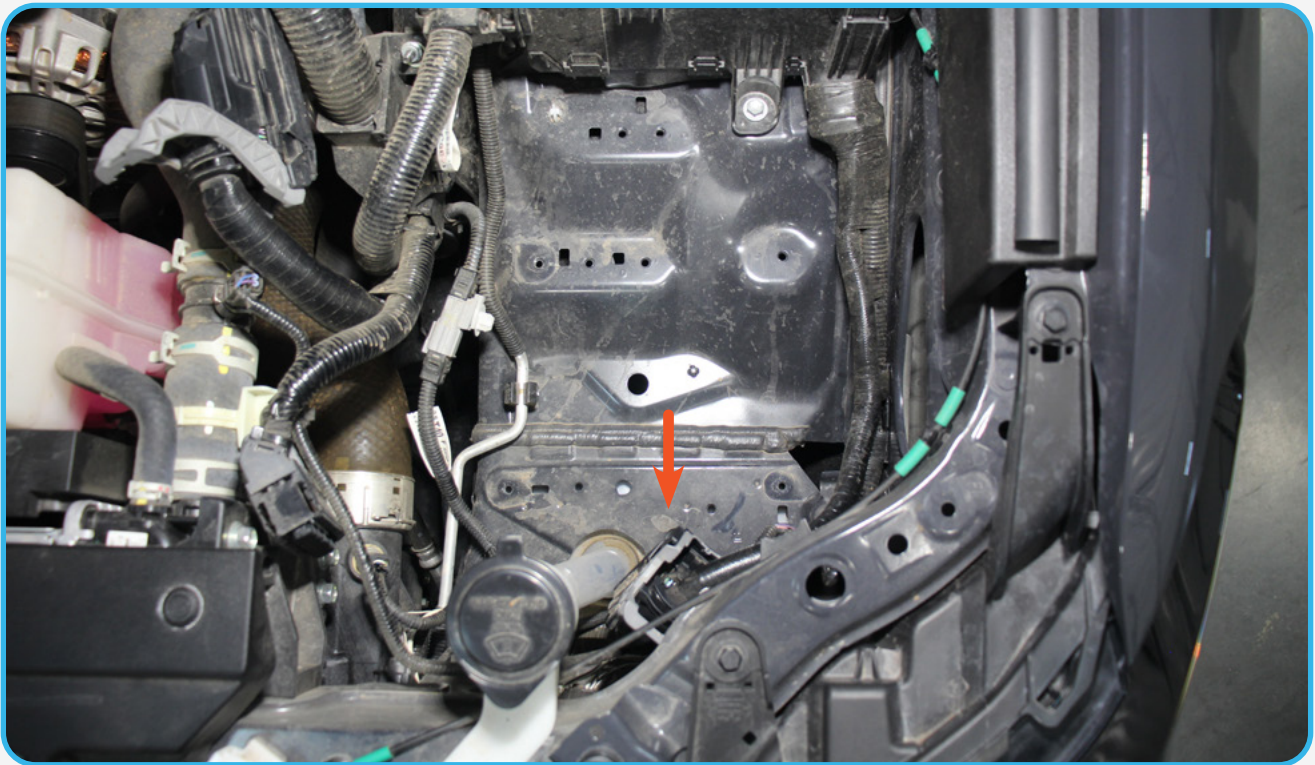
□ STEP 12

Remove the washer fluid funnel by pinching the tabs shown below and pulling up. Set aside for later.



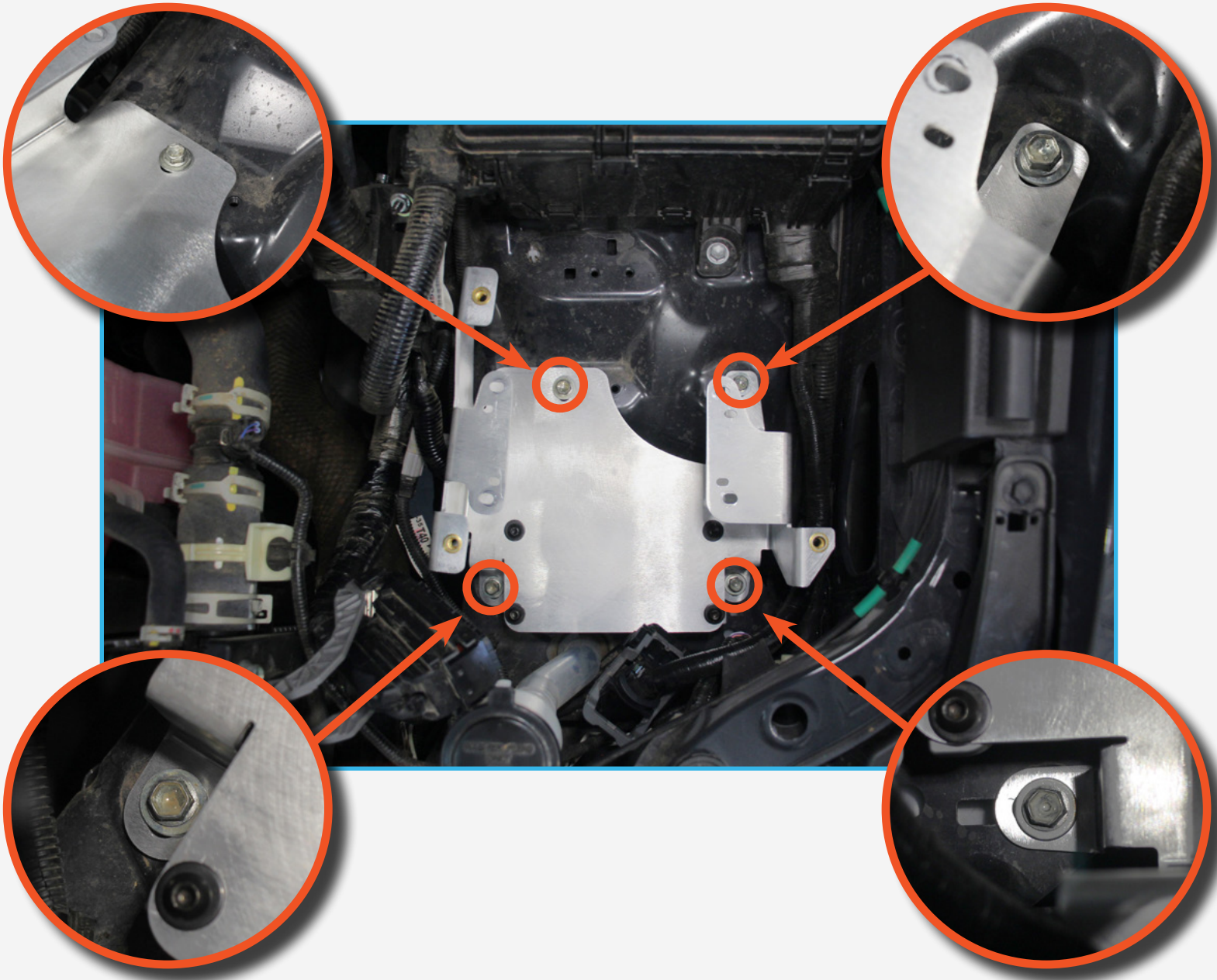
□ STEP 13

Insert the bottom mount into the vehicle and plug in the TCM as shown below before mounting.



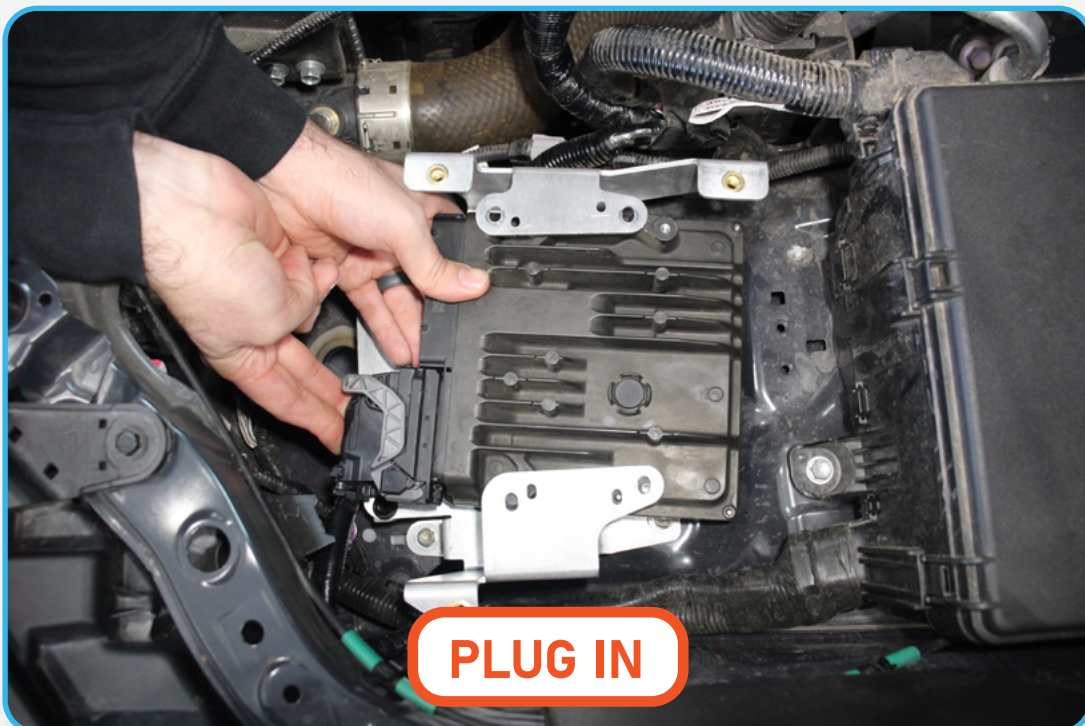
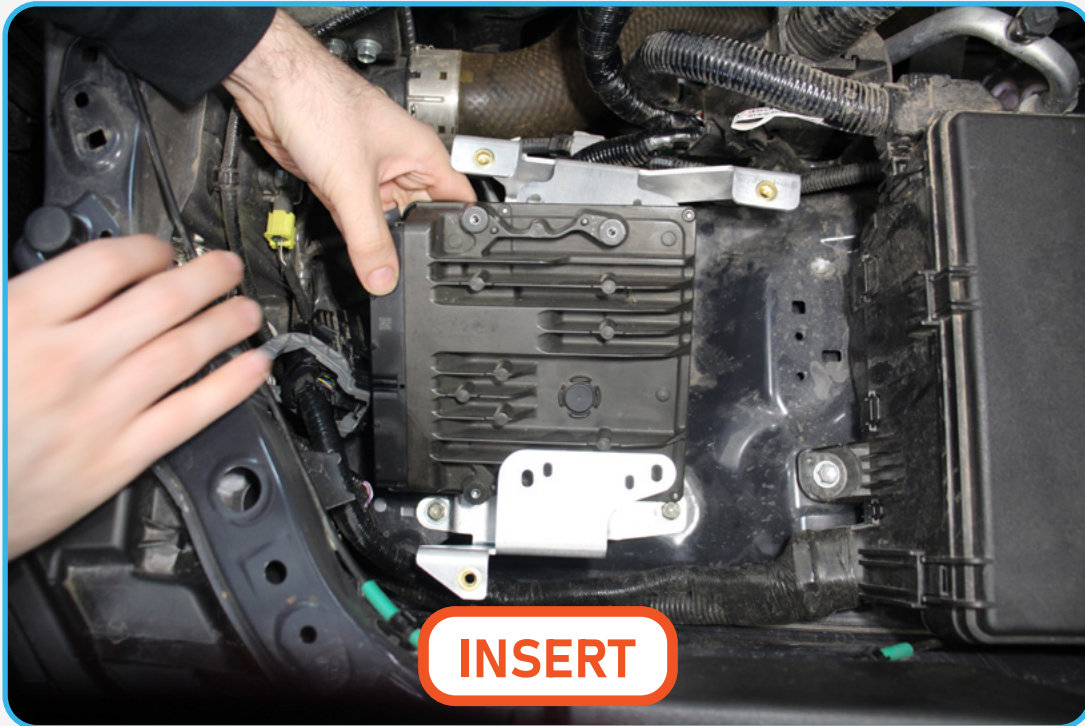
STEP 14

Using the hardware removed from **step 5**, install the bottom mount into the holes from **step 5** using a (10mm socket).



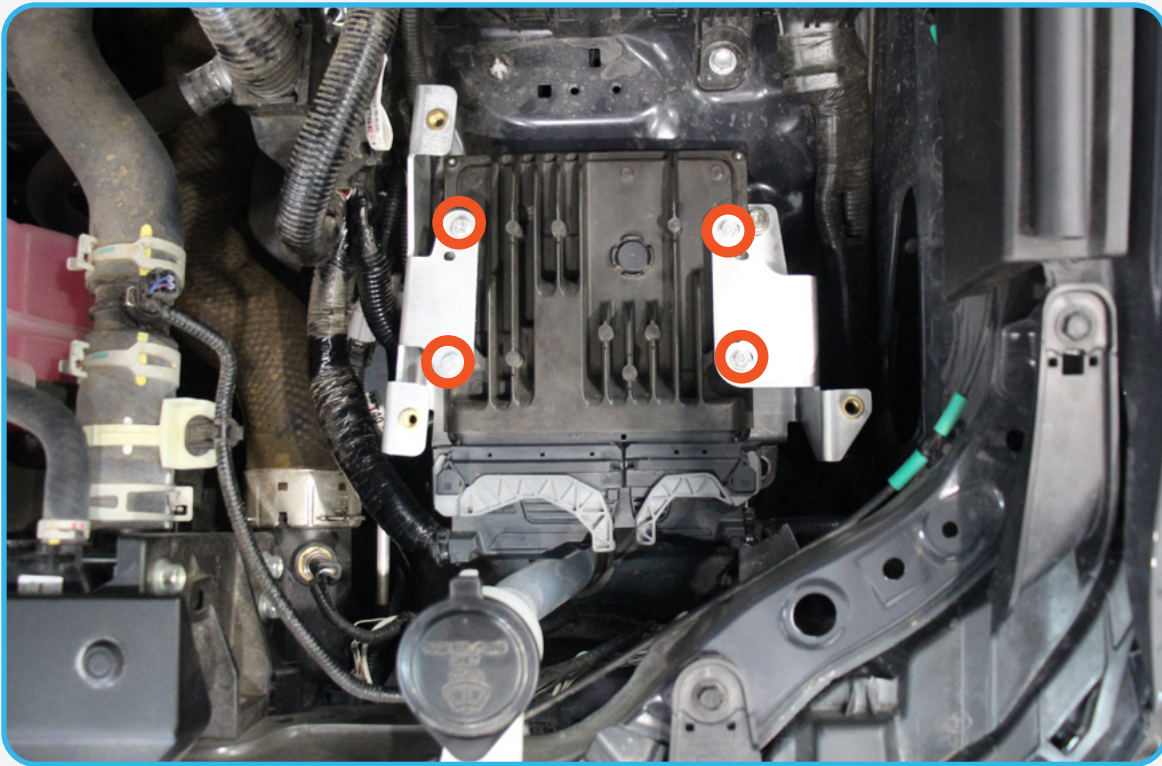
☐ **STEP 15**

Insert the ECM into the bracket as shown below. Next plug in.



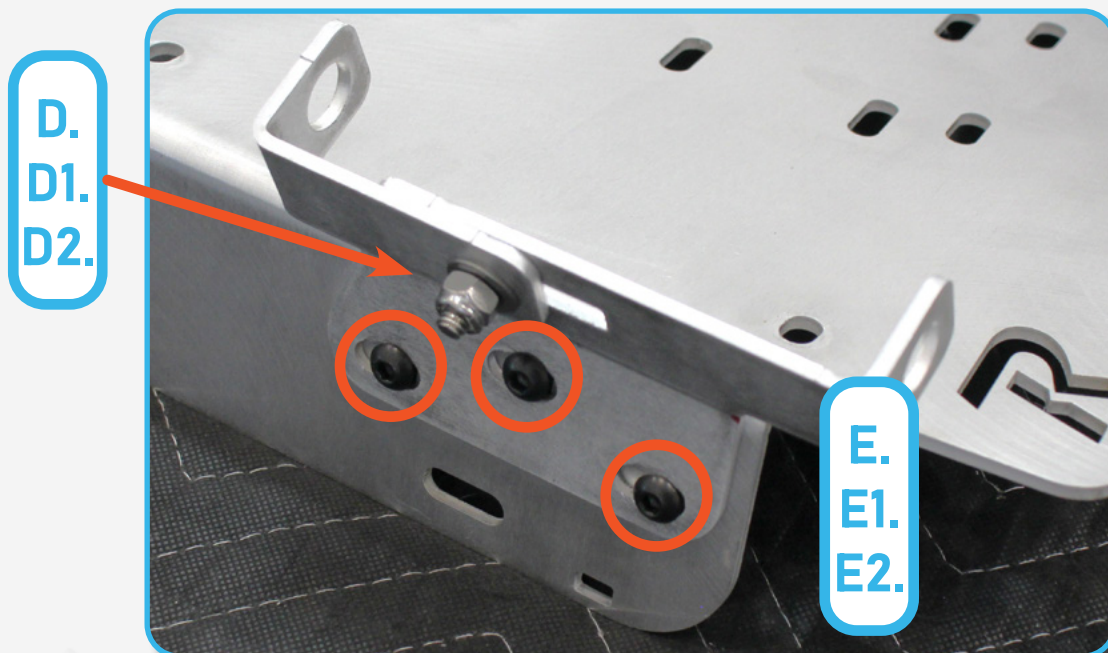
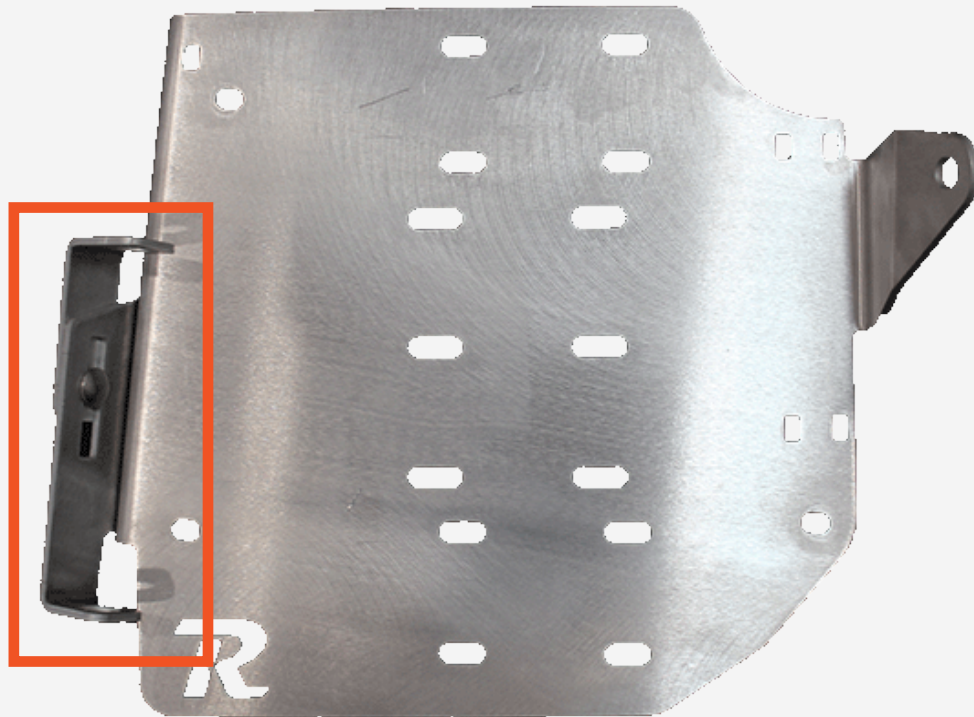
□ STEP 16

With the hardware removed from step 9, install the ECM into the indicated holes shown below using a (8mm socket).



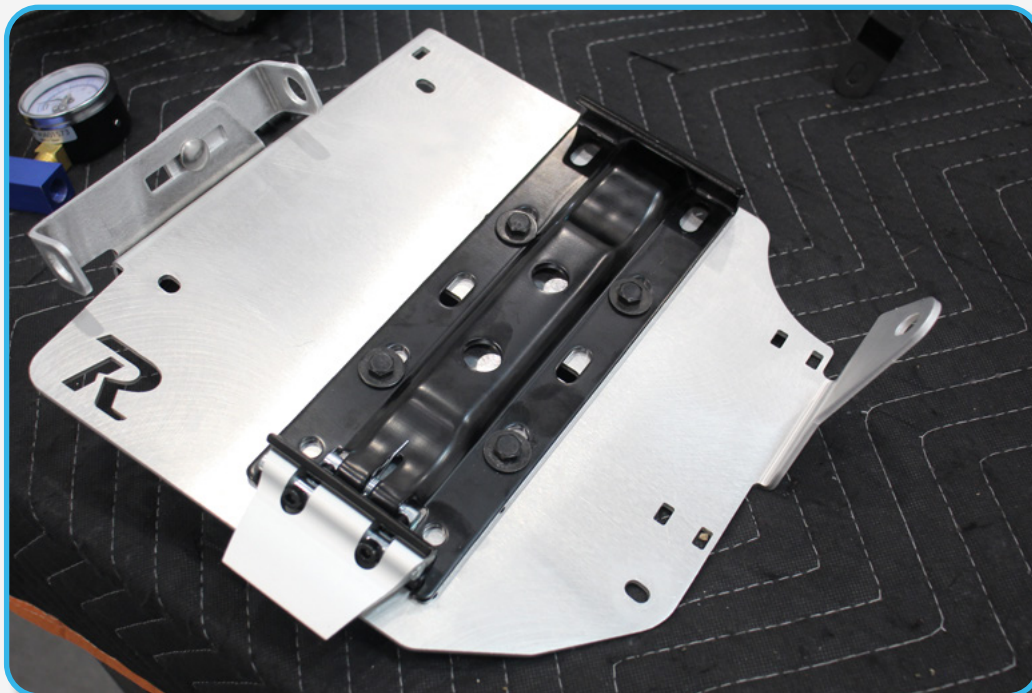
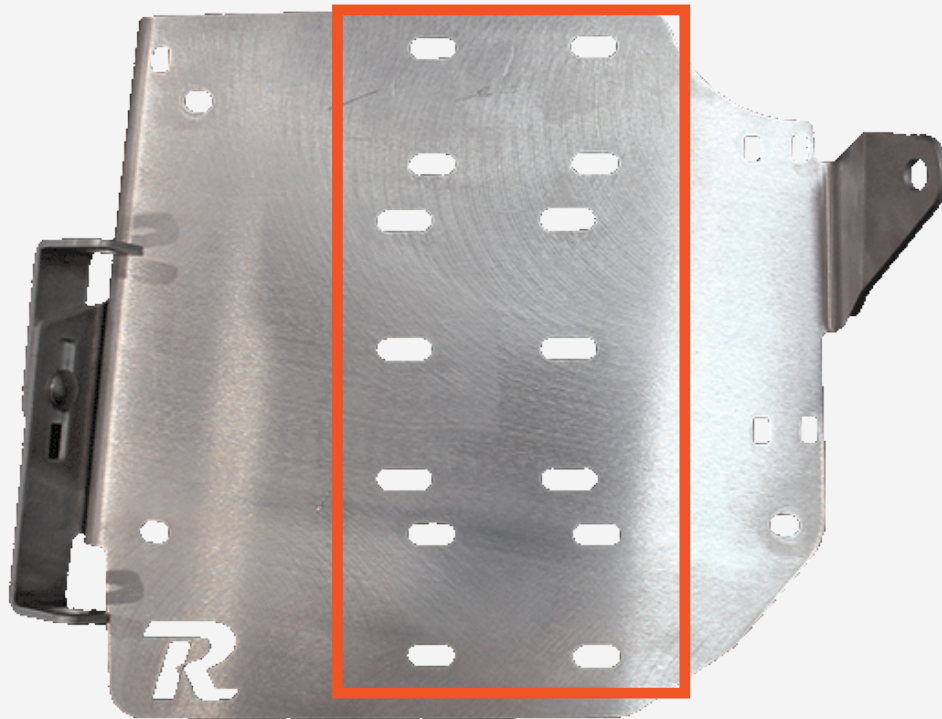
□ STEP 17

If you purchased a wifey block mount, install the mount to the top bracket to the air compressor mount with the provided **(D, D1, D2)** & **(E, E1, E2)** using a (5/32 allen) and a (7/16 wrench). If not move on to the next step.



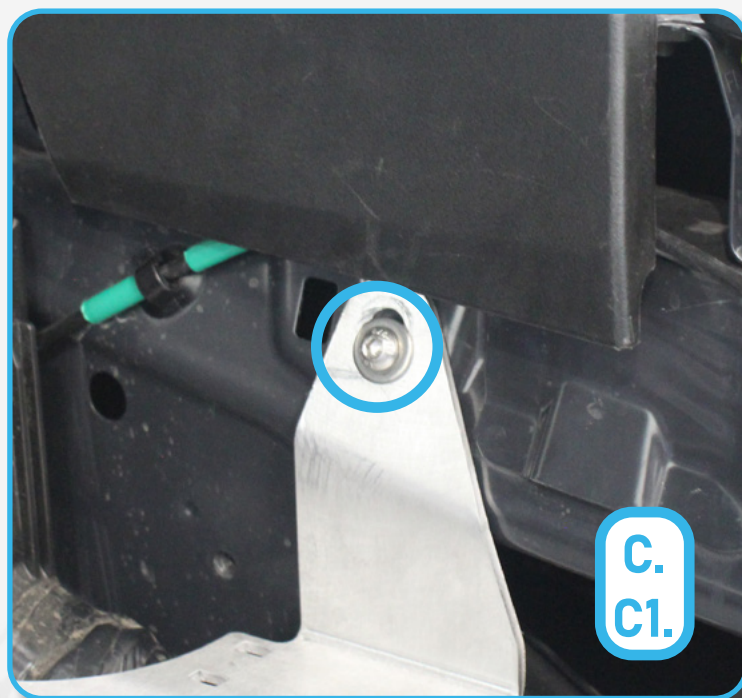
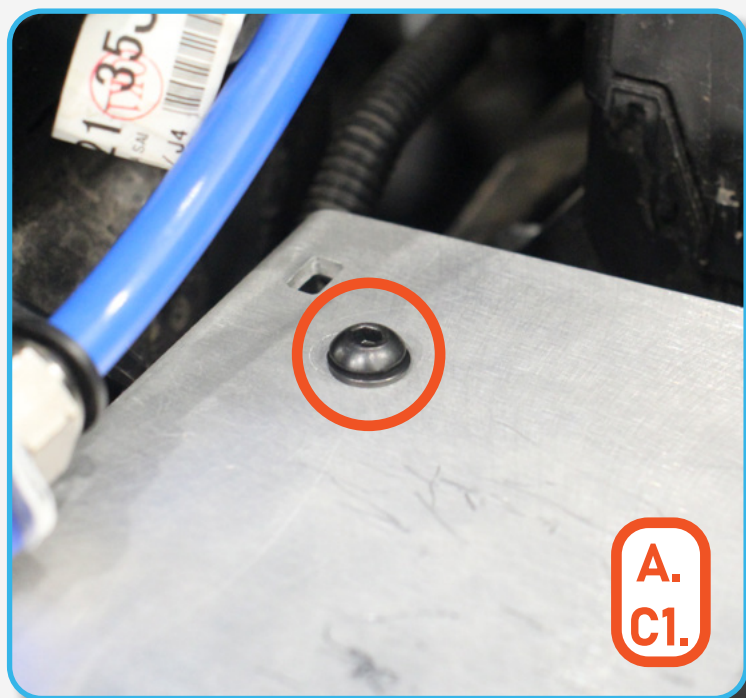
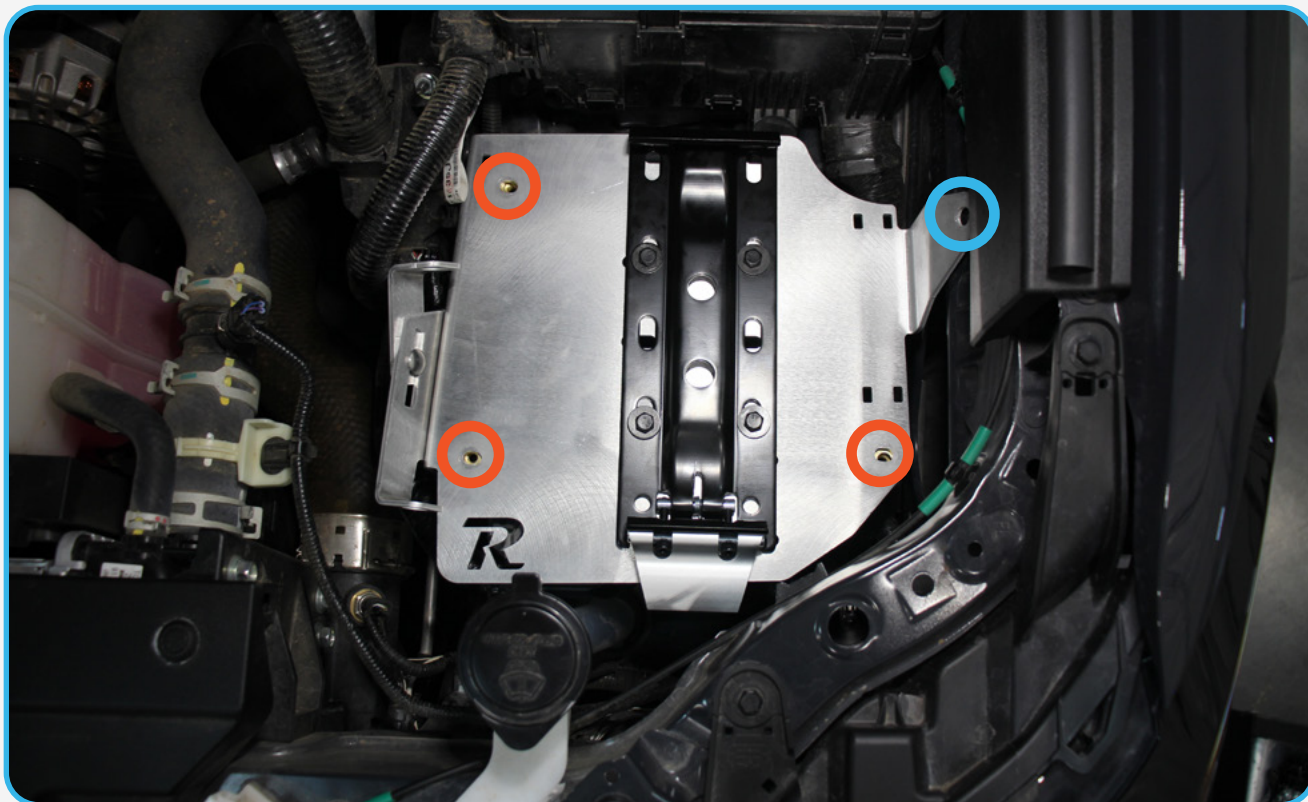
STEP 18

Next, install the bracket that was provided with the air compressor you have purchased into the holes shown below.. (Bracket shown below is a ARB Brushless Twin Motor Air Compressor)



□ STEP 19

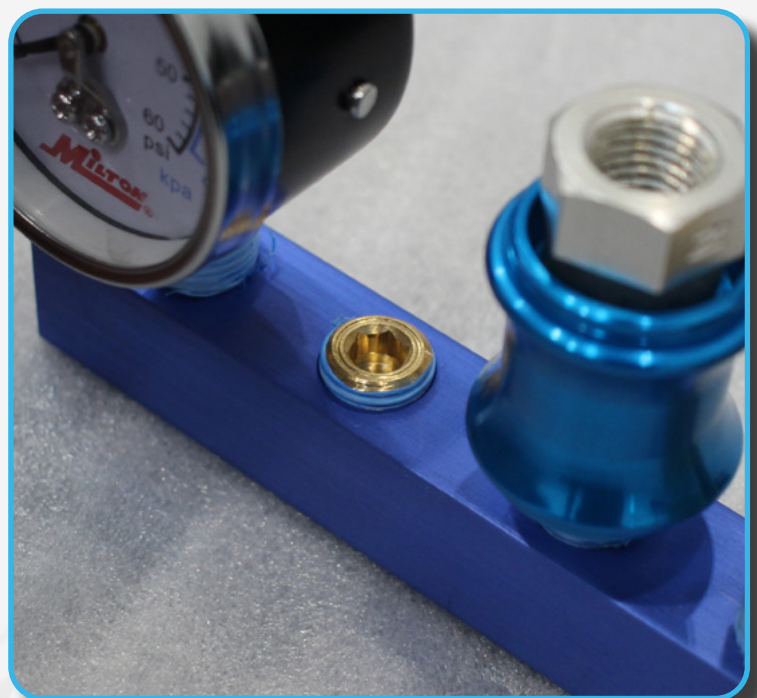
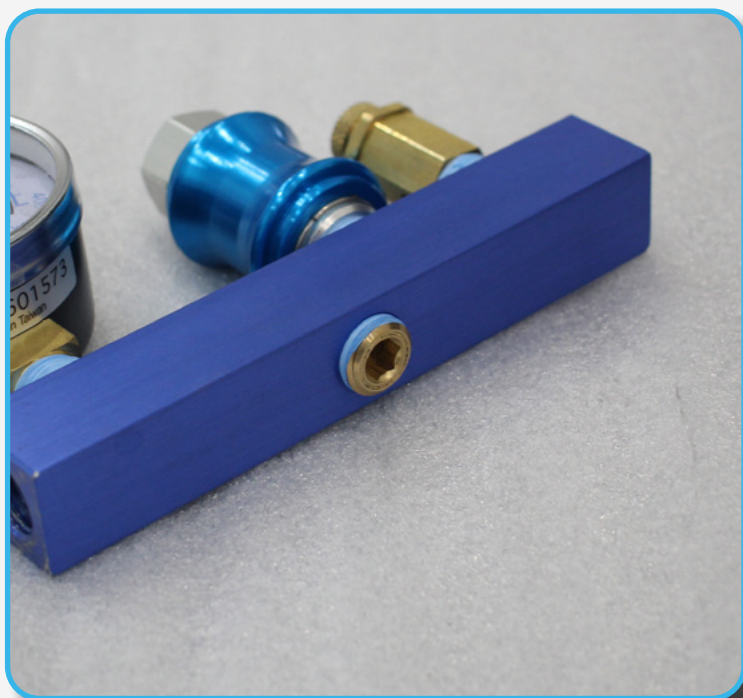
Install the top air compressor mount on top of the mount installed on **step 14** into the rivet nuts installed on **step 11** with the provided **(A, C1)** 1/4" hardware and the provided **(C, C1)** M6 hardware into the highlighted holes shown below using a (5/32 allen).



□ STEP 20

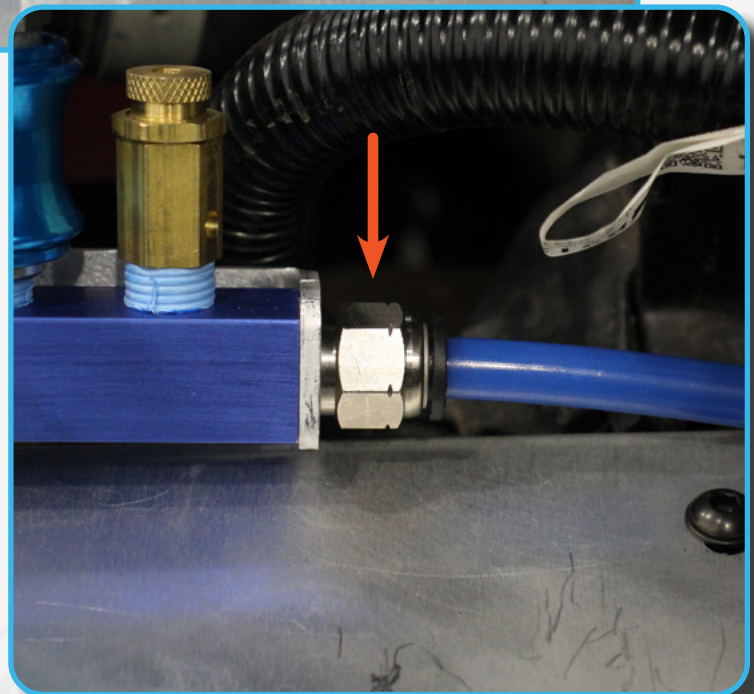
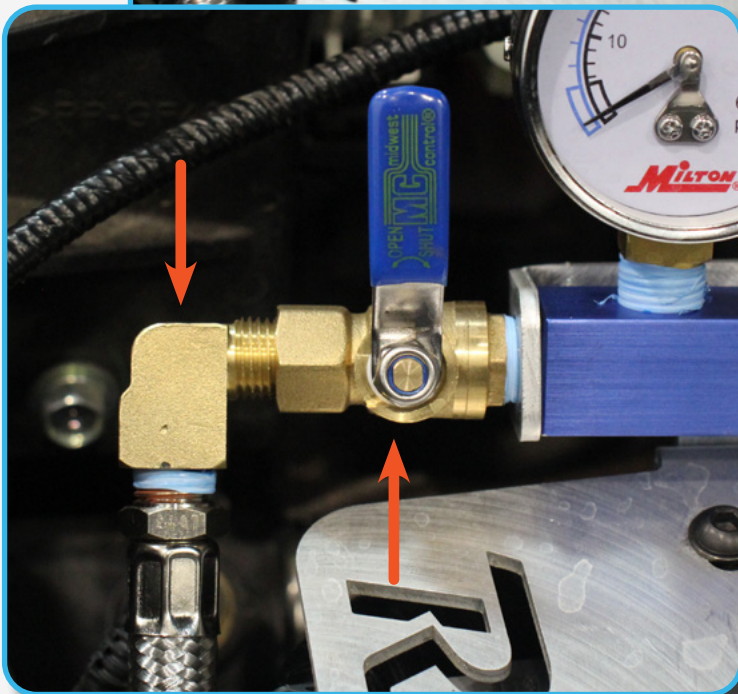
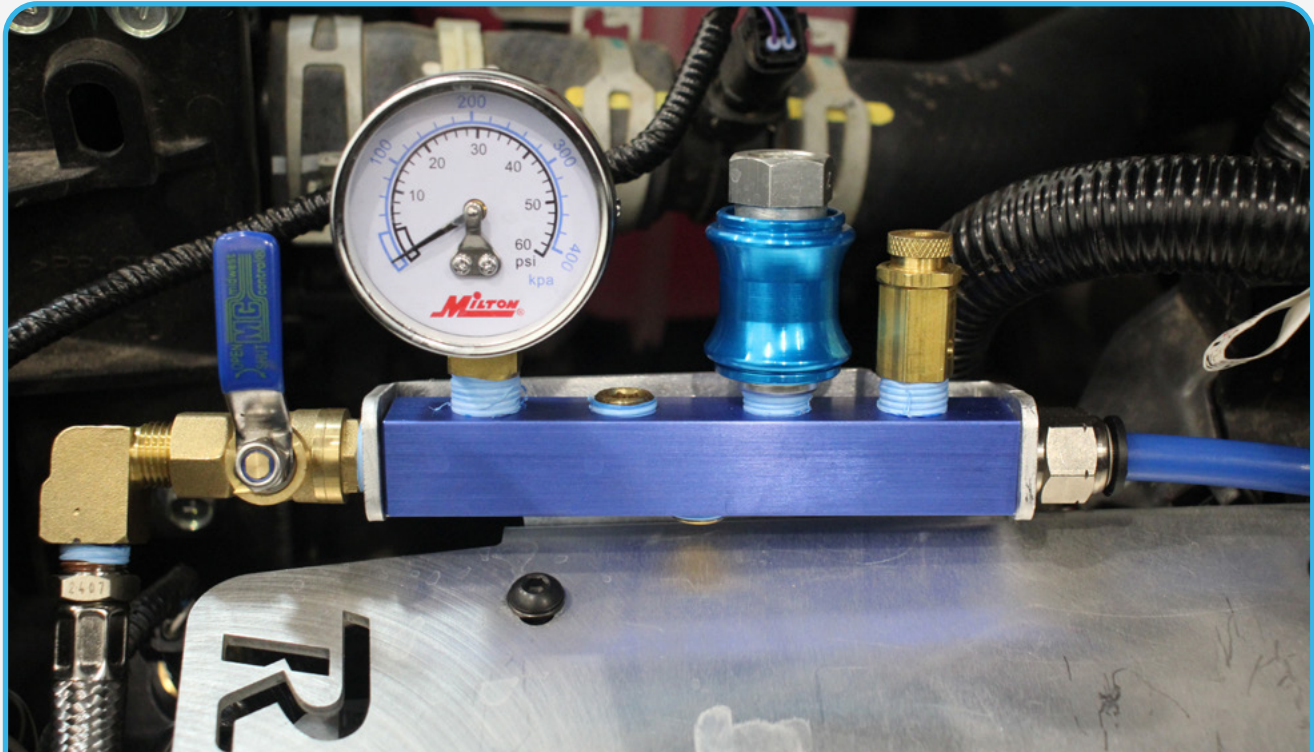
If you've purchased the wifey air system with your air compressor mount and wifey block mount, follow **steps 20-21**.

Using a (1/4 allen) remove the 2x plugs from each end and install them into the bottom of the block and on of the two center holes as shown below. (Use Teflon tape if needed).



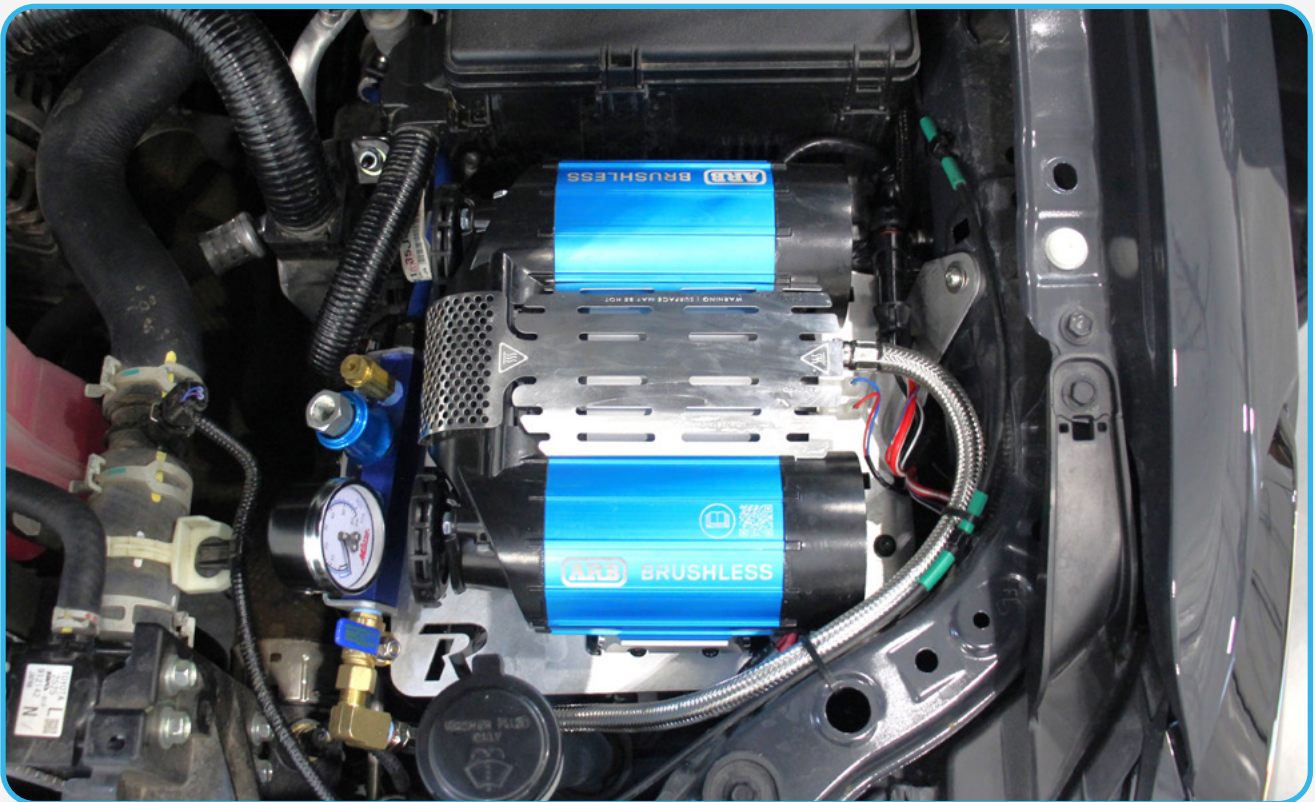
□ STEP 21

Next, Install the block onto the block mount with the ball valve towards the from of the vehicle using a elbow fitting to connect the stainless hose using a (11/16 wrench) and a (5/8 wrench). Next install the push to connect fitting onto the other side using a (11/16 wrench). Install the pressure gage, slide valve, & safety valve as shown below. (Use Teflon tape if needed).



☐ **STEP 22**

Connect the stainless hose to the air compressor using a (9/16 wrench) and wire. Next check over all your work and run the compressor to indicate if there are any air leaks.



☐ **STEP 23**

Stand back and enjoy your new RAGO Air Compressor Mount/Wifey Block Mount.
Check and re-tighten all mounting bolts after 100 miles and periodically thereafter.

