

# PART#: 75-5163 / 75-5163D



PRINT

## Vehicle Application

YEAR: 2022-2023

MAKE: Toyota

MODEL: Tundra

ENGINE: V6 3.4L and 3.4L Hybrid

### Note:

This intake kit may not fit with the following Aftermarket Parts installed:

- Body Lift or Lowering Kit
- Custom Hood
- Throttle Body Spacer / Upgrade
- Aftermarket turbocharger

## Tools Required

- 10mm Socket + Socket Wrench, Driver, or Wrench
- 5/16" Nut Driver or Socket and Driver
- ¼" Nut Driver or Socket and Driver
- Flat Head Screwdriver
- Panel Popper
- Knife, Cutting Tool

**Note:** Approximate Install Time: 2 Hr 00 Mins.



Hi. Need any help?

## S&B Filter Maintenance



KF-1083 ([https://www.sbfilters.com/sb-intake-replacement-filter-40974?variant\\_id=939](https://www.sbfilters.com/sb-intake-replacement-filter-40974?variant_id=939)) Cotton Cleanable : If the enclosed filter is RED, it came pre-oiled from the factory.

Click here ([https://www.sbfilters.com/replacement-filters/filters-sb-intakes/kf-1057?variant\\_id=223](https://www.sbfilters.com/replacement-filters/filters-sb-intakes/kf-1057?variant_id=223)) for exact oil amount required for cleaning.

KF-1083D ([https://www.sbfilters.com/sb-intake-replacement-filter-40974?variant\\_id=940](https://www.sbfilters.com/sb-intake-replacement-filter-40974?variant_id=940)) Dry Extendable : If the enclosed filters is WHITE, it is a disposable filter and should be discarded once it reaches capacity. This filter does not require oil.

## **Before You Start**

- Please read the entire product guide before proceeding.
- Ensure all parts are present.
- If you are missing any of the components, call our customer support at (909) 947-0015.
- Do not work on your vehicle while the engine is hot.
- Make sure the engine is turned off and the vehicle is in Park or the Parking Brake is set.

## **Related Products**

- Cotton Cleanable Filter (  
KF-1083 ([https://www.sbfilters.com/sb-intake-replacement-filter-40974?variant\\_id=939](https://www.sbfilters.com/sb-intake-replacement-filter-40974?variant_id=939)))
- Dry Extendable Filter (  
KF-1083DD ([https://www.sbfilters.com/sb-intake-replacement-filter-40974?variant\\_id=940](https://www.sbfilters.com/sb-intake-replacement-filter-40974?variant_id=940)))
- Cleaning & Oiling Kit (88-0008 (<https://www.sbfilters.com/cleaning-kits/precision-ii-cleaning-oil-kit>))

## **Operation in Snow and Rain**

If you are driving in heavy snowfall or extreme rain conditions, you should always check for accumulated snow and water on the air filter following your OE recommendations for driving in these conditions. The following is recommended after operating the vehicle up to 100 miles in

heavy snowfall or extreme rain: At the earliest opportunity, open the hood and check the airbox and filter. If any snow has accumulated, make sure to remove the snow from the filter, box, and inlet. It is okay if the filter is a little wet. Wet filters will normally dry out on their own. If the filter is dripping wet, it should be replaced with another filter that is not wet. Do not reuse the dripping wet filter until it has naturally dried.

## **Air Box Plug Testing**

Stock intake boxes are a significant contributor to poor airflow which is why S&B designs custom air boxes with secondary and/or enlarged openings. With that said, S&B recognizes the benefits of cooler air, so we have included a plug to seal off the opening if so desired. For optimal performance, we recommend that the intake be used without the end cap except in conditions of extreme heatwave.

## **Performance Testing**

- After your installation is complete engage parking brake and start your engine. Listen for abnormal noises. If an air leak is detected, re-inspect hoses and connections as they may need to be repositioned and tightened
- S&B FILTERS recommends that you keep your OE intake system in the event it is required in the future.
- In order to maintain your warranty, all connections and components must be checked periodically for alignment and for proper tension on all connections. Failure to do so may void your warranty.
- Use only S&B FILTERS cleaning and oil products to service your filter. Using any other brand oil and or cleaners on your S&B air filter may void your warranty.

## **Warning!**

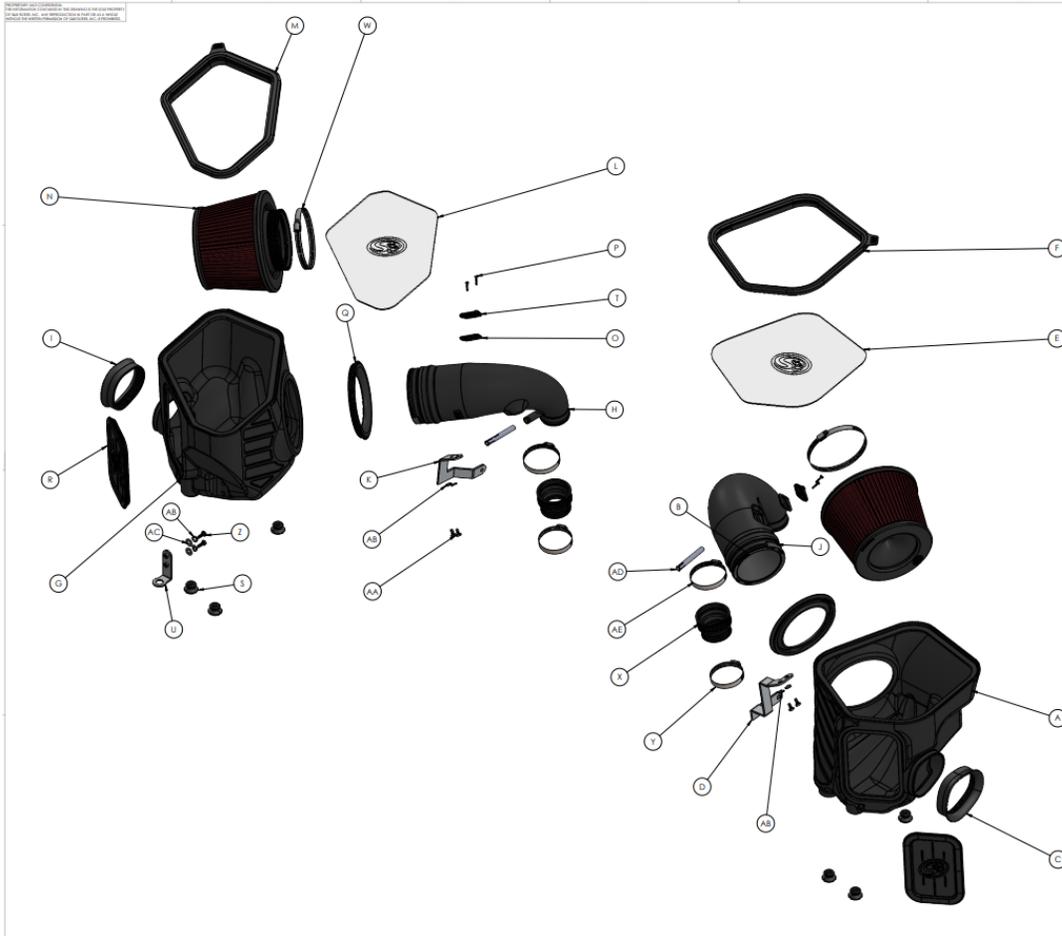
If your vehicle has a Vehicle Emission Control Information decal affixed to the factory airbox, a new replacement label must be obtained and installed in a readily visible position in the engine compartment in order to remain CARB compliant. Failure to do so will prevent the vehicle from passing a smog check. Replacement labels can be ordered from your local dealership.

Regulations state that the VECI label shall not be affixed to any equipment which is easily detached from the vehicle. Label placement, under the hood on a painted surface is recommended.

## **Emission Standard**

The California Air Resource Board (CARB) requires that an E.O. identification label be applied to the vehicle in order to pass a smog check inspection when a Performance Intake Kit has been installed. You must place the E.O. label provided on or near the intake kit after installation so that a smog check technician can easily verify the E.O. number. Check the status of the exemption process by looking up a specific part number at [www.sbfilters.com](http://www.sbfilters.com). The CARB Exemption number and/or status is listed under the Product Details section for each part number. If the status shows as "Pending," CARB has yet to issue an exemption. Products that have not been issued an EO number are street legal in most states, but may not be used on emission controlled vehicles in the state of California and are for off-road use only. If you purchased your kit from S&B Filters directly, we will automatically mail you your Exemption Sticker when it is issued to us. If you purchased your kit from an authorized S&B Filters Dealer, log onto our web site and register to receive your Exemption Sticker.

# PARTS LIST



| ITEM NO. | PART NUMBER          | DESCRIPTION                                      | QTY. |
|----------|----------------------|--|------|
| A        | AL1400D-00           | DRIVER SIDE AIR BOX                              | 1    |
| B        | AL1401D-00           | DRIVER SIDE TUBE                                 | 1    |
| C        | A2746C-00-D          | DRIVER SIDE SNAP-IN LID SEAL                     | 1    |
| D        | A2792-00             | DRIVER SIDE BRACKET                              | 1    |
| E        | A2745-00-D           | DRIVER SIDE POLYCARBONATE LID SEAL               | 1    |
| F        | A2744C-00-D          | DRIVER SIDE SNAP-IN LID SEAL                     | 1    |
| G        | AJ1400P-00           | PASSANGER SIDE AIR BOX                           | 1    |
| H        | AJ1401P-00           | PASSANGER SIDE TUBE                              | 1    |
| I        | AJ2746C-00-P         | PASSANGER SIDE SNAP-IN LID SEAL                  | 1    |
| J        | A2743-00             | MAF AIR CONTROL INSERT                           | 2    |
| K        | A2793-00             | PASSANGER SIDE BRACKET                           | 1    |
| L        | A2745-00-P           | PASSANGER SIDE POLYCARBONATE LID SEAL            | 1    |
| M        | A2744C-00-P          | PASSANGER SIDE SNAP-IN LID SEAL                  | 1    |
| N        | KF-1090A / KF-1090DA | PERFORMANCE REPLACEMENT FILTER                   | 2    |
| O        | AJ1823-00            | MAF GASKET                                       | 2    |
| P        | AJ1837-00            | Screw, SEMS, Pan Head, Flatlock, #8-32 x 3/4, SS | 4    |
| Q        | AJ1717C-001          | SILICONE TUBE SEAL                               | 2    |
| R        | A2289C-00            | AIR BOX PLUG                                     | 2    |
| S        | A2375C-00            | RUBBER GROMMETS                                  | 6    |
| T        | AJ1822-00            | MAF Mount, Black                                 | 2    |
| U        | AJ1877-01            | Box Mounting                                     | 1    |
| W        | AG1009-00            | #80 HOSE CLAMP                                   | 2    |
| X        | A2762C-00            | STEP DOWN SILICONE COUPLER                       | 2    |
| Y        | AG1005-00            | #40 HOSE CLAMP                                   | 2    |
| Z        | AJ1068-00            | Screw, Hex Head, 1/4-20 UNC x .75, Gr 5, Zn Pltd | 2    |
| AA       | AJ1077-00            | Screw, Hex Head, 1/4-20 UNC x .50, Gr 5, Zn Pltd | 4    |
| AB       | AJ1309-00            | Zinc-Plated Steel Split Lock Washer              | 6    |
| AC       | AJ1073-00            | Washer, 1/4" x 1/4" ID, #164 SS, Zn Pltd         | 2    |
| AD       | A2859-00             | CCV INSERT                                       | 2    |
| AE       | AG1006-00            | #44 HOSE CLAMP                                   | 2    |

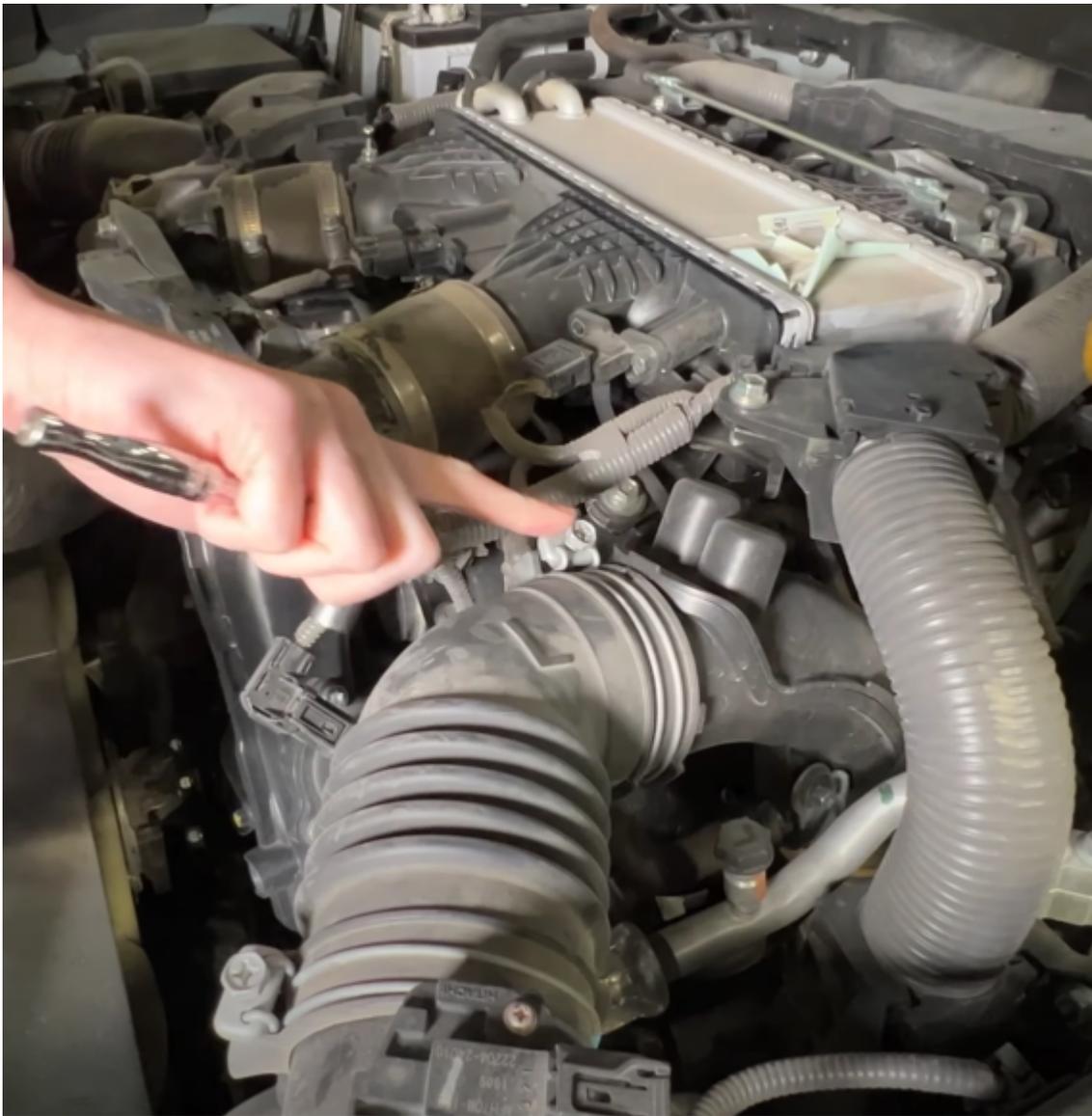
|   |
|---|
| <small>                 FILTERS<br/>                 75-5163 INTAKE KIT<br/>                 EXPLODED VIEW &amp; BOM<br/>                 D<br/>                 75-5163<br/>                 0.1<br/>                 SCALE: 1" = (DO NOT SCALE DRAWING) SHEET 1 OF 1             </small> |
|---|

# INSTALLATION STEPS



## **STEP 1**

With the ignition switched off and the parking brake set, disconnect the negative battery cable on the battery. Note: Failure to disconnect the battery may cause the CEL to be illuminated upon installation and subsequent operation completion. Do not skip this step! After disconnecting the battery, remove the engine cover.



## **STEP 2**

Loosen the bolts for the driver side intake tube



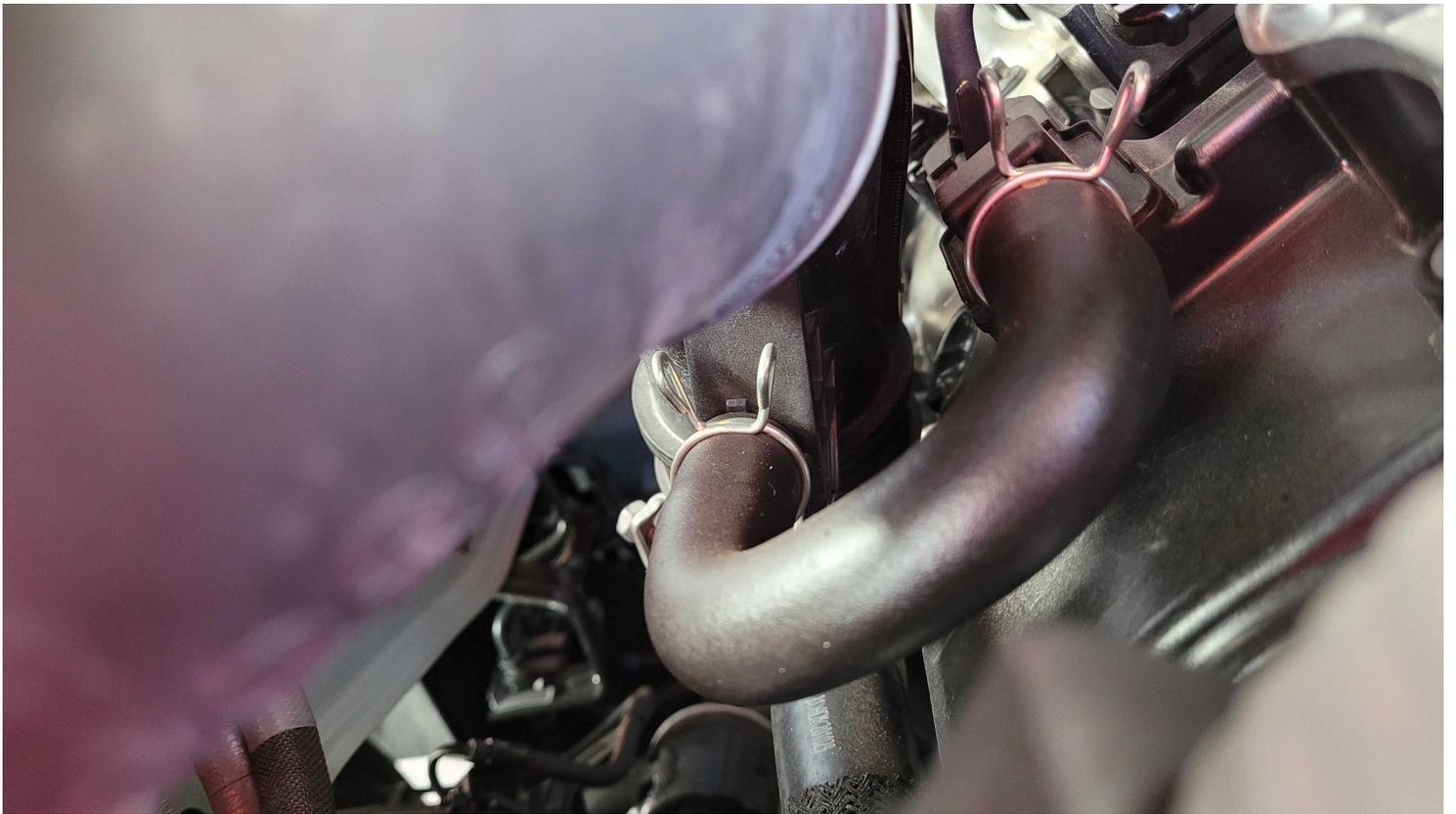
### **STEP 3**

Disconnect the electrical connection to the MAF sensor and loosen two hose clamps (10 mm socket).



## **STEP 4**

Remove the driver-side Airbox and engine Air intake hose.



## **STEP 5**

Remove the PCV hose and mounting bolt from the driver-side lower air intake tube.



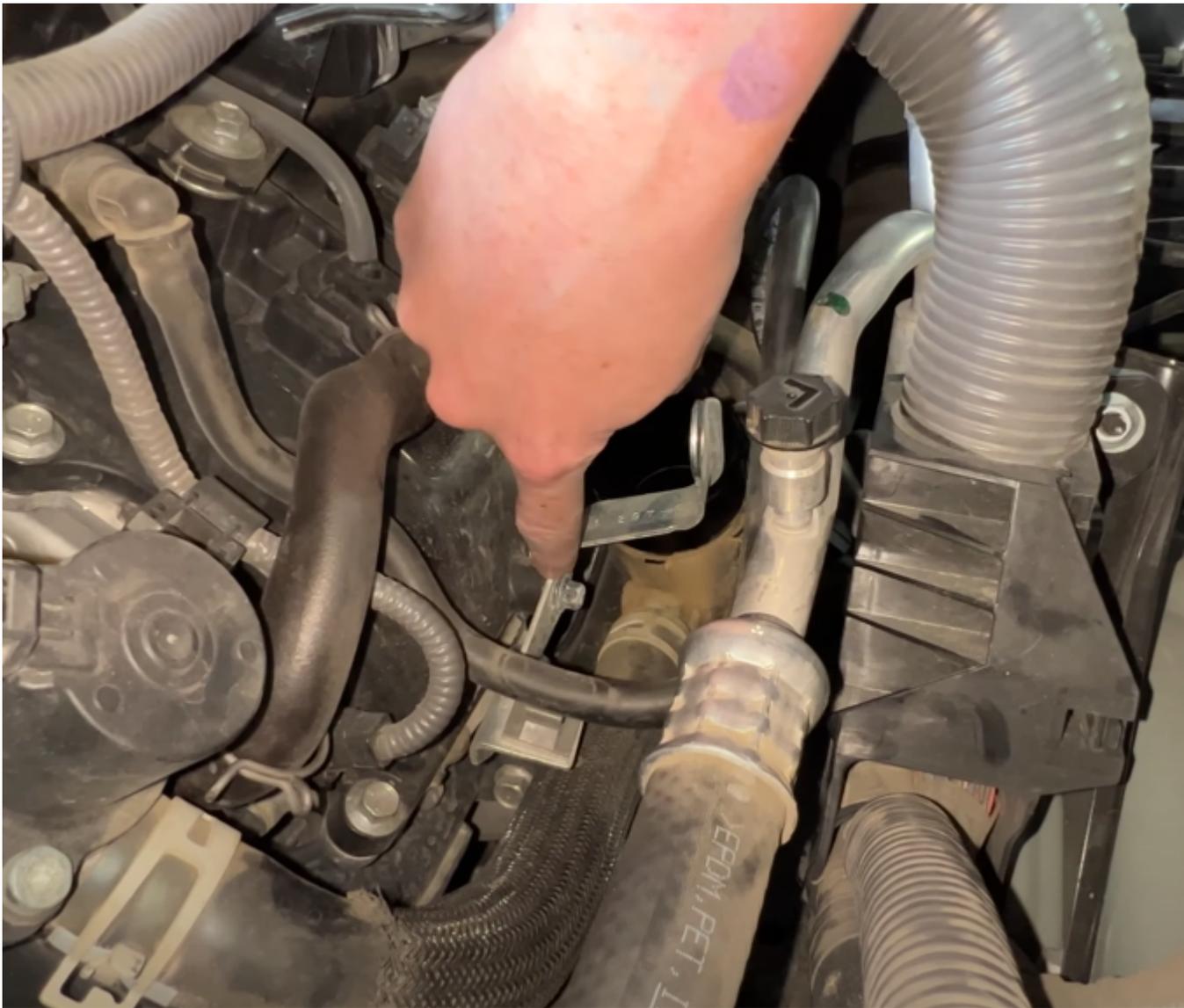
## STEP 6

Remove the bolt connecting the OEM mounting bracket to the tube. Keep OEM bracket bolt for S&B Bracket installation. Next loosen the hose clamp connecting the intake tube to the turbo.



## STEP 7

Unclip the line from the intake tube and remove the lower intake tube



## **STEP 8**

Remove this bolt and put it aside as it will be reused with the S&B mounting bracket



## **STEP 9**

Install the S&B mounting bracket with the bolt you just removed.



## **STEP 10**

Install 3 grommets into the bottom of the S&B airbox



## **STEP 11**

Determine if you want to install box plug (R) to the driver-side box (A). Check the testing results to determine the setup that you desire.



## **STEP 12**

Install the tube seal(Q) and the the fender seal(C) onto the box.



## **STEP 13**

Install the step down coupler(X) onto the intake tube. Please note the direction the hose clamps are pointing. This will make tighten the clamps easier when the tube is installed.



## **STEP 14**

Remove the bolt for the horn to make the install of the intake box easier



## **STEP 15**

Install the intake box making sure the grommets line up with the body



## **STEP 16**

Insert the intake tube through the box and rotate the tube to connect the tube to the turbo inlet.





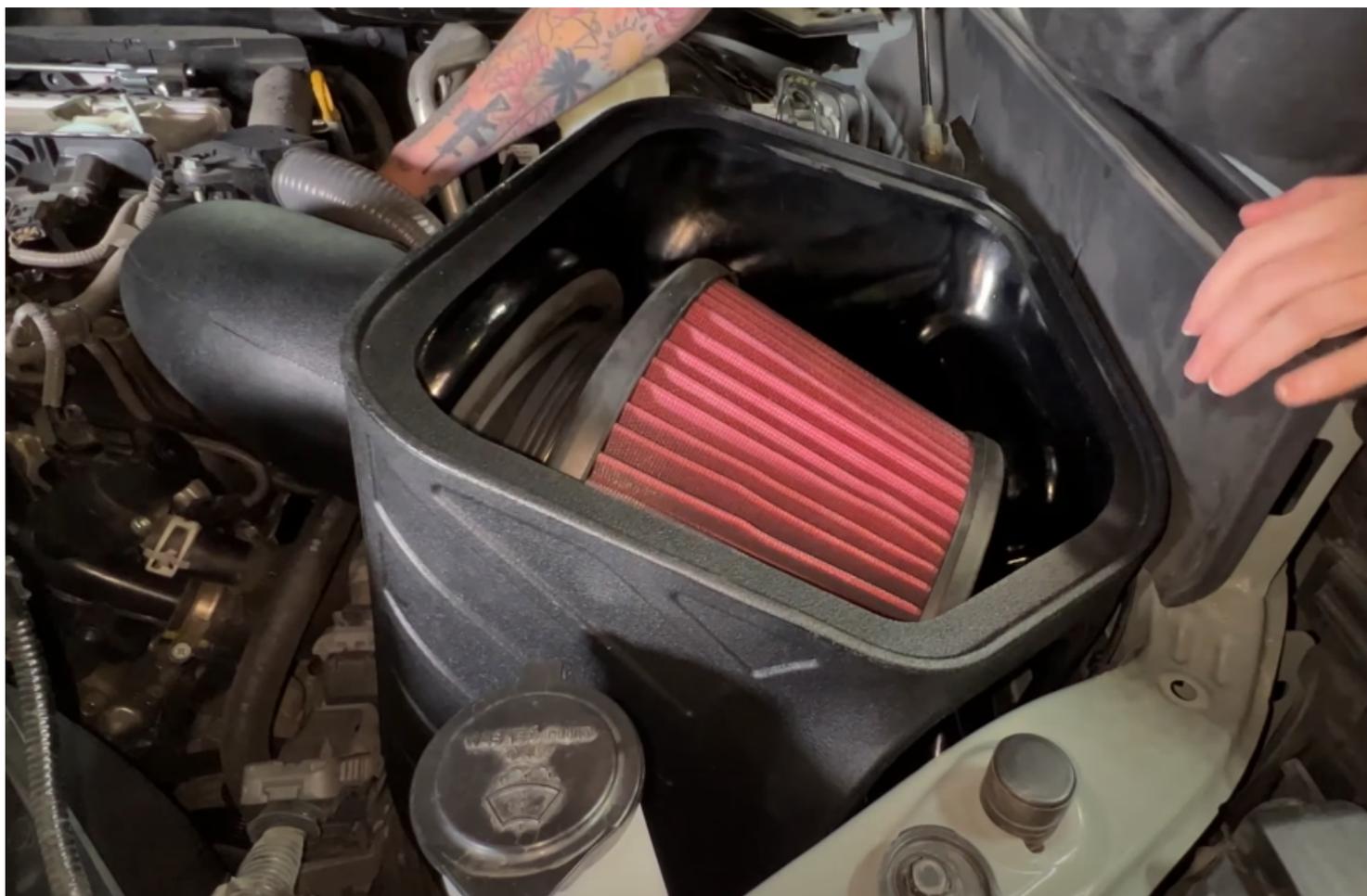
## **STEP 16B**

Insert the CCV insert (AD) into the barb fitting on the intake tube



## STEP 17

Install the PCV hose onto the S&B intake tube and secure with the clamp. Then use the included hex head bolts(AA) to secure the intake tube to the bracket.



## STEP 18

Install the filter (N) with #80 hose clamp (W) onto the intake tube (B)



## **STEP 19**

Tighten the hose clamps on the coupler connecting the intake tube to the turbo inlet



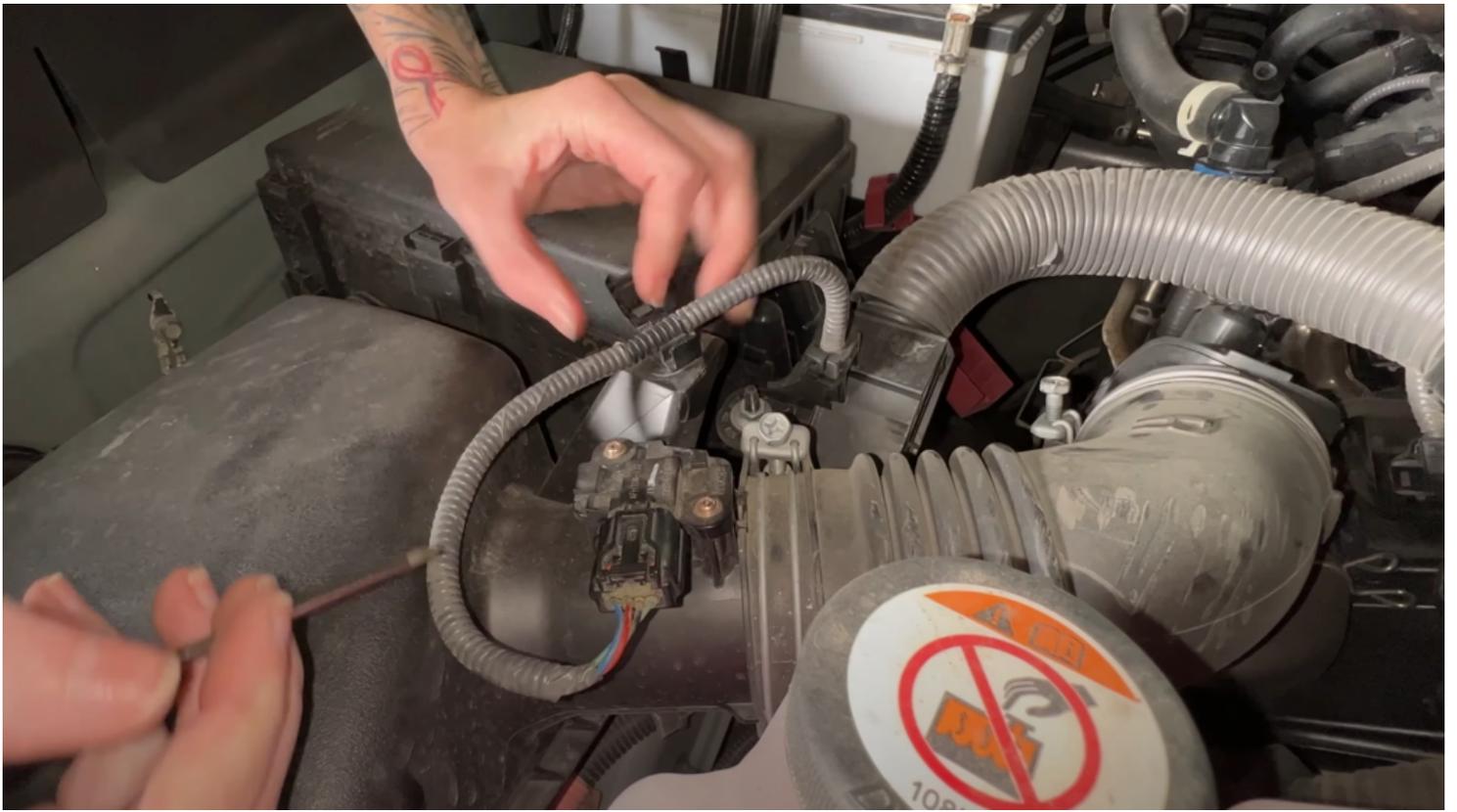
## **STEP 20**

Remove the from the clear lid (E) and install the silicone Lid Seal (F) around the outside edge of the clear lid (E). Then snap into the opening of the airbox



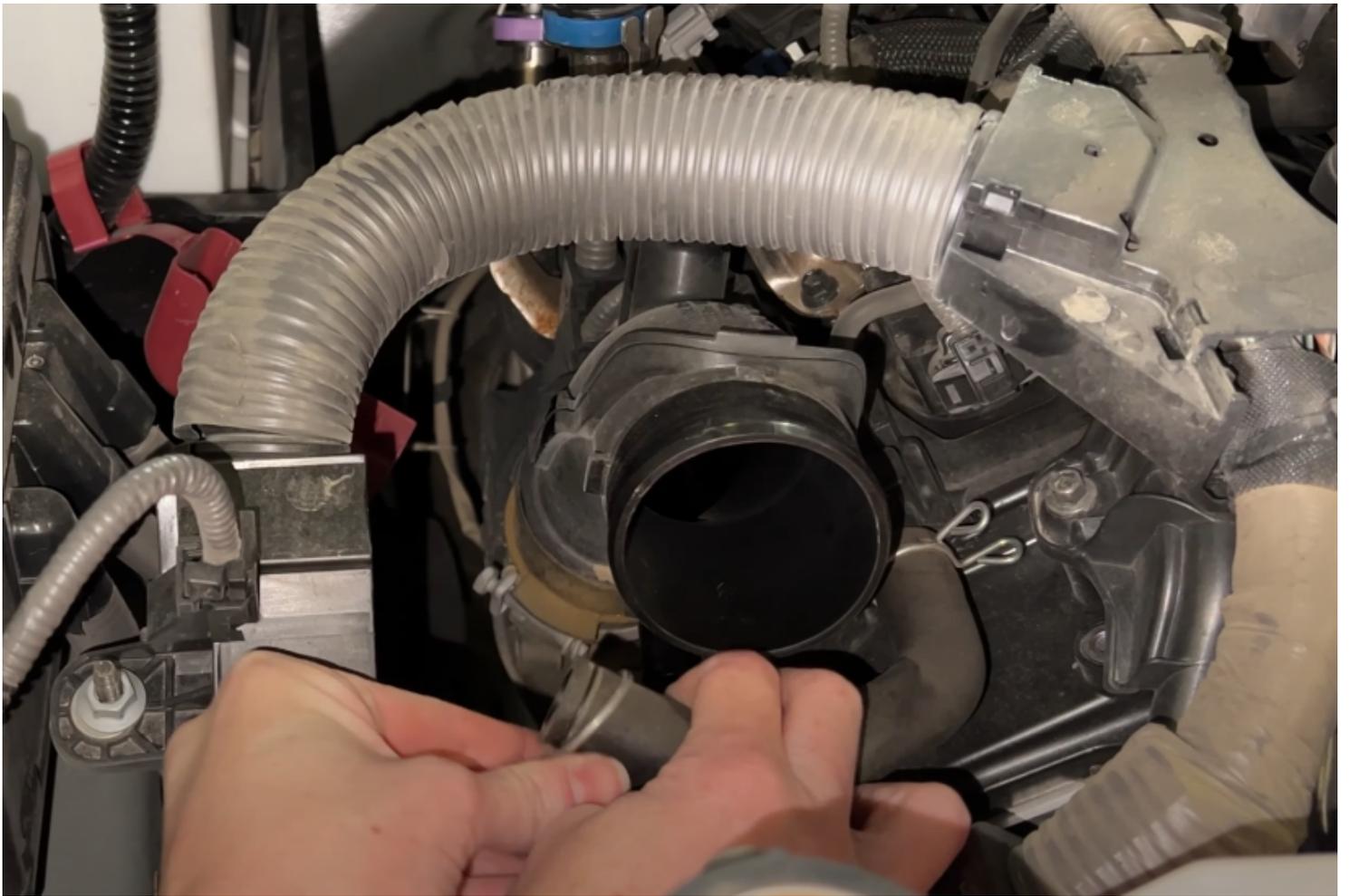
## **STEP 21**

Remove the MAF from the OEM intake tube. Install the MAF gasket (O), MAF mount (T), then use the included screws (P) to install the OEM MAF to the S&B intake. Reconnect the MAF sensor harness.



## **STEP 22**

Loosen the bolts, disconnect the clip holding the MAF harness and disconnect the MAF from the OEM intake tube. You can then remove the OEM air box from the truck.



## **STEP 23**

Remove the PCV hose from the intake tube



## **STEP 24**

Loosen the hose clamp on the turbo inlet.



## **STEP 25**

Remove the bolt securing the intake tube. This bolt will be reused. You can now remove the intake tube from the vehicle



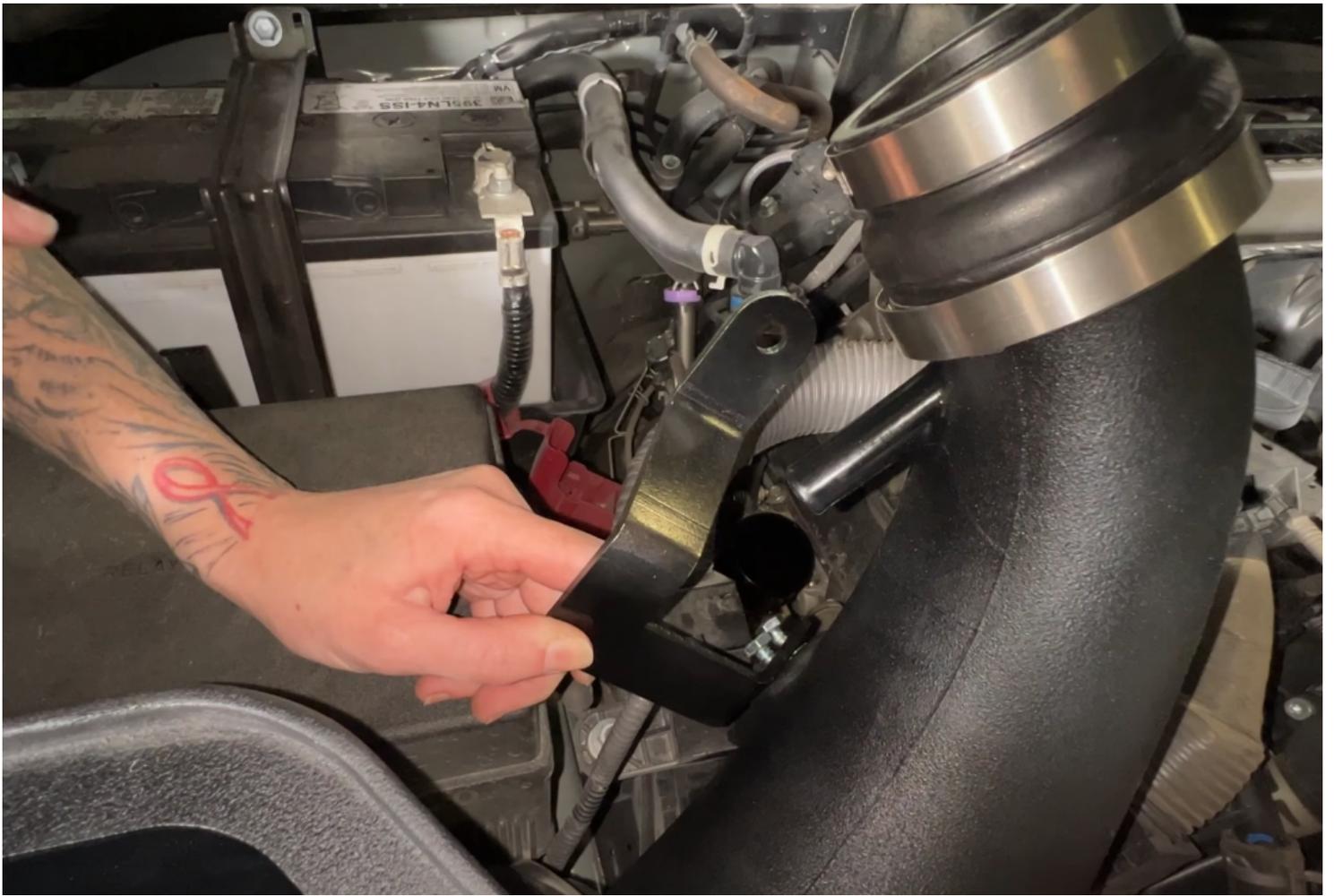
## **STEP 26**

Install the box mounting bracket (U) to the box with the provided hardware and rubber grommets. Install the tube seal and fender seal to the box and install the box plug if you decided to install the box plug on the driver side intake box.



## **STEP 27**

Install the step down coupler onto the intake tube with the head of the hose clamps on the opposite side of the intake tube as the MAF with the clamps facing the passenger side body panel.



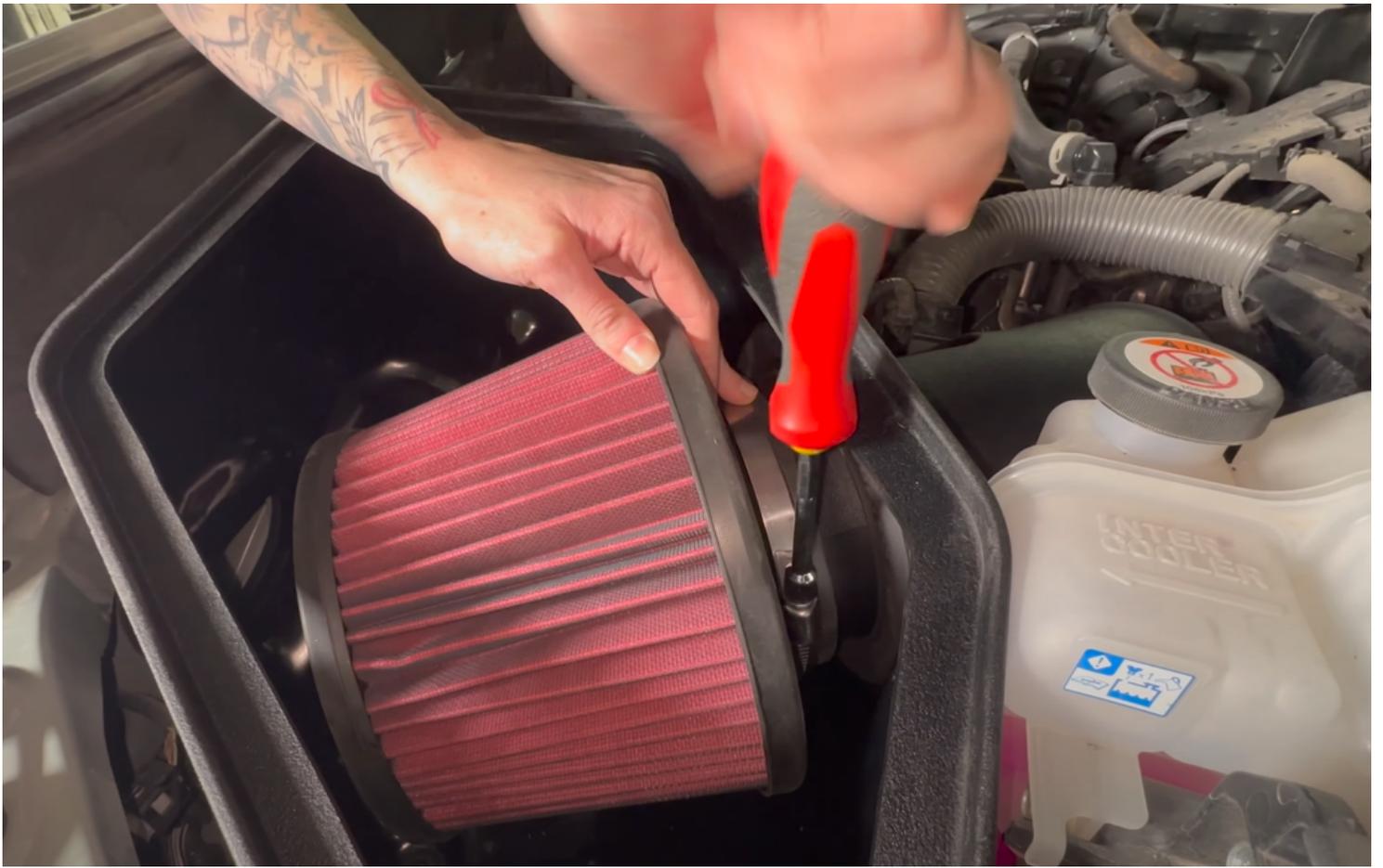
## **STEP 28**

Install the passenger side bracket (K) onto the intake tube with the supplied washers (AB) and hex head bolts (AA).



## **STEP 29**

Lift the intake box up and rotate the intake tube onto the turbo inlet.



## **STEP 30**

Install the filter.





## **STEP 30B**

Insert the CCV insert (AD) into the barb fitting on the intake tube



## STEP 31

Reconnect the PCV hose to the intake tube, reuse the OEM bolt to secure the bracket to the vehicle and secure the hose clamp on the turbo inlet.



## STEP 32

Remove the lid film, install the silicone lid seal and install the lid into the box opening.



### **STEP 33**

Remove the MAF from the OEM intake and install it onto the S&B intake tube with the MAF gasket (O), MAF mount (T) and included screws (P)



## **STEP 34**

Remove the MAF from the OEM intake and install it onto the S&B intake tube with the MAF gasket (O), MAF mount (T) and included screws (P)



## **STEP 35**

Reinstall the horn on the driver side if you loosened it. Reconnect the battery. Your install is now complete