

## ***advanced FLOW engineering***

Momentum Cold Air Intake System

### **Instruction Manual** P/N: 56-70033D / 56-70033R

Make: KIA

Model: Telluride

Year: 20-22

Engine: V6-3.8L

Make: Hyundai

Model: Palisade

Year: 20-22

Engine: V6-3.8L



- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support at 951-493-7185.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Retain factory parts for future use.

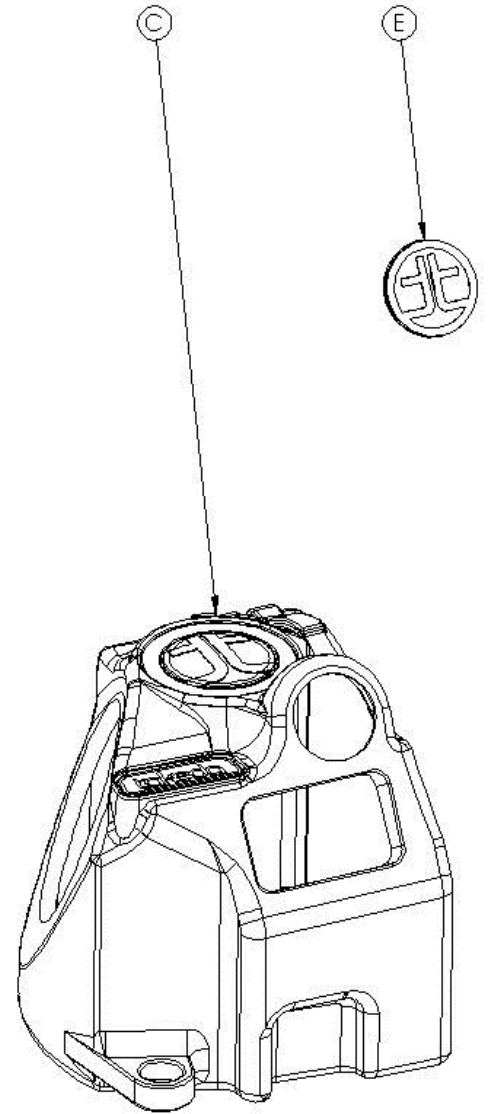
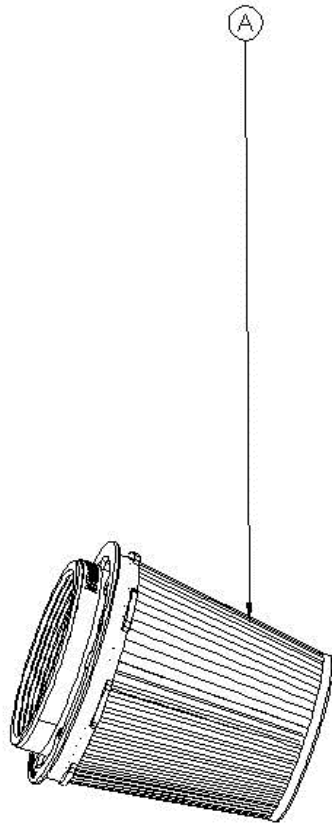
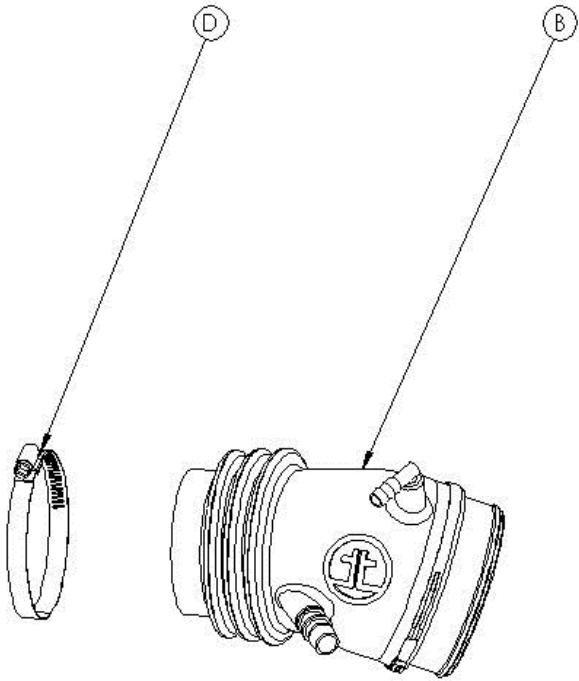
Label	Qty.	Description	Part Number
A	1	Air Filter (Pro 5R) for 56-70033R	24-91144
A	1	Air Filter (Pro DRY S) for 56-70033D	21-91144
B	1	Tube (with fittings installed)	05-5670033B1
C	1	Housing	05-5670033B2
D	1	Clamp, #056	03-50009
E	1	Plug, 2.25"	05-01527

**Installation will require the following tools:**

8mm nut driver, 10mm nut driver, small flat-head screwdriver, pliers, 10mm socket, extension, and ratchet, Panel popper tool.

Warranty Information available at: <https://afepower.com/contact#warranty>

**Emissions Disclaimer:** This product is not currently CARB exempt and is not available for purchase in California or for use on any vehicle registered with the California Department of Motor Vehicles.



**Figure A****Refer to Figure A for Steps 1-2**

Step 1: Using a flat-blade screwdriver or panel popper tool, remove the two indicated push pins from the factory air scoop.

Step 2: Remove the engine cover by pulling up on it, gently but firmly.



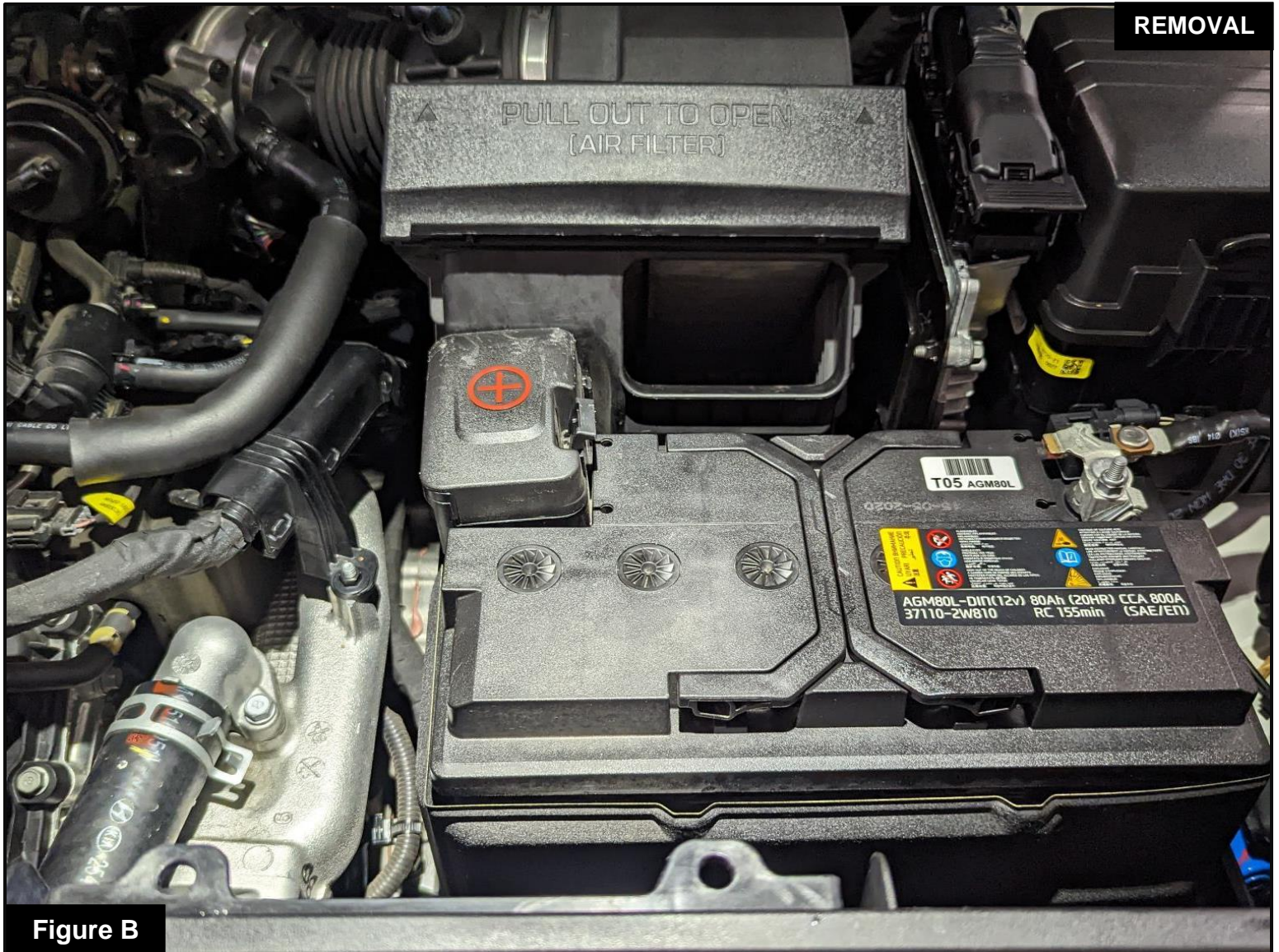
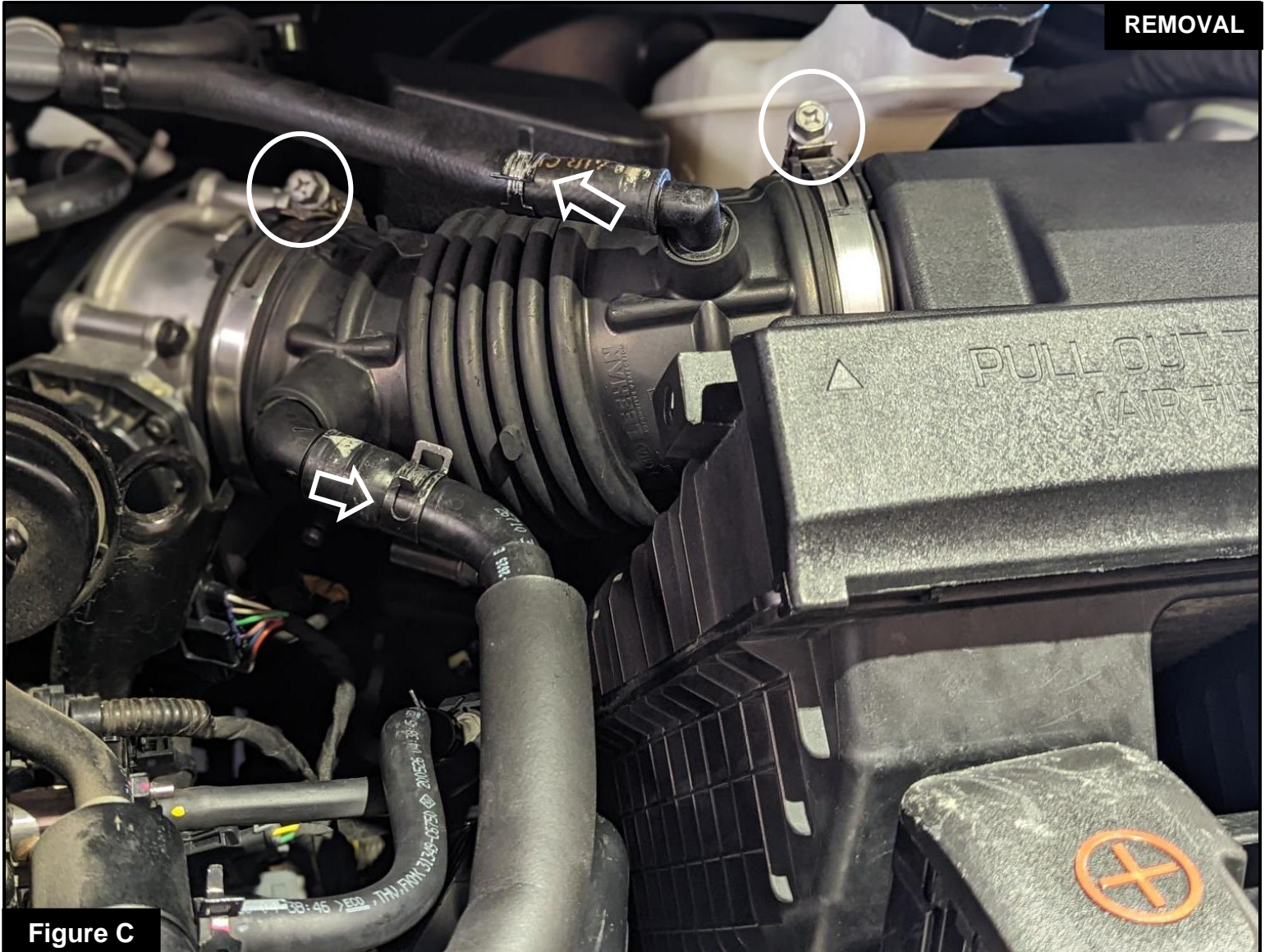


Figure B

**Refer to Figure B for Step 3**

Step 3: Remove the factory air scoop by lifting it up in the front and pulling it towards the front of the vehicle.

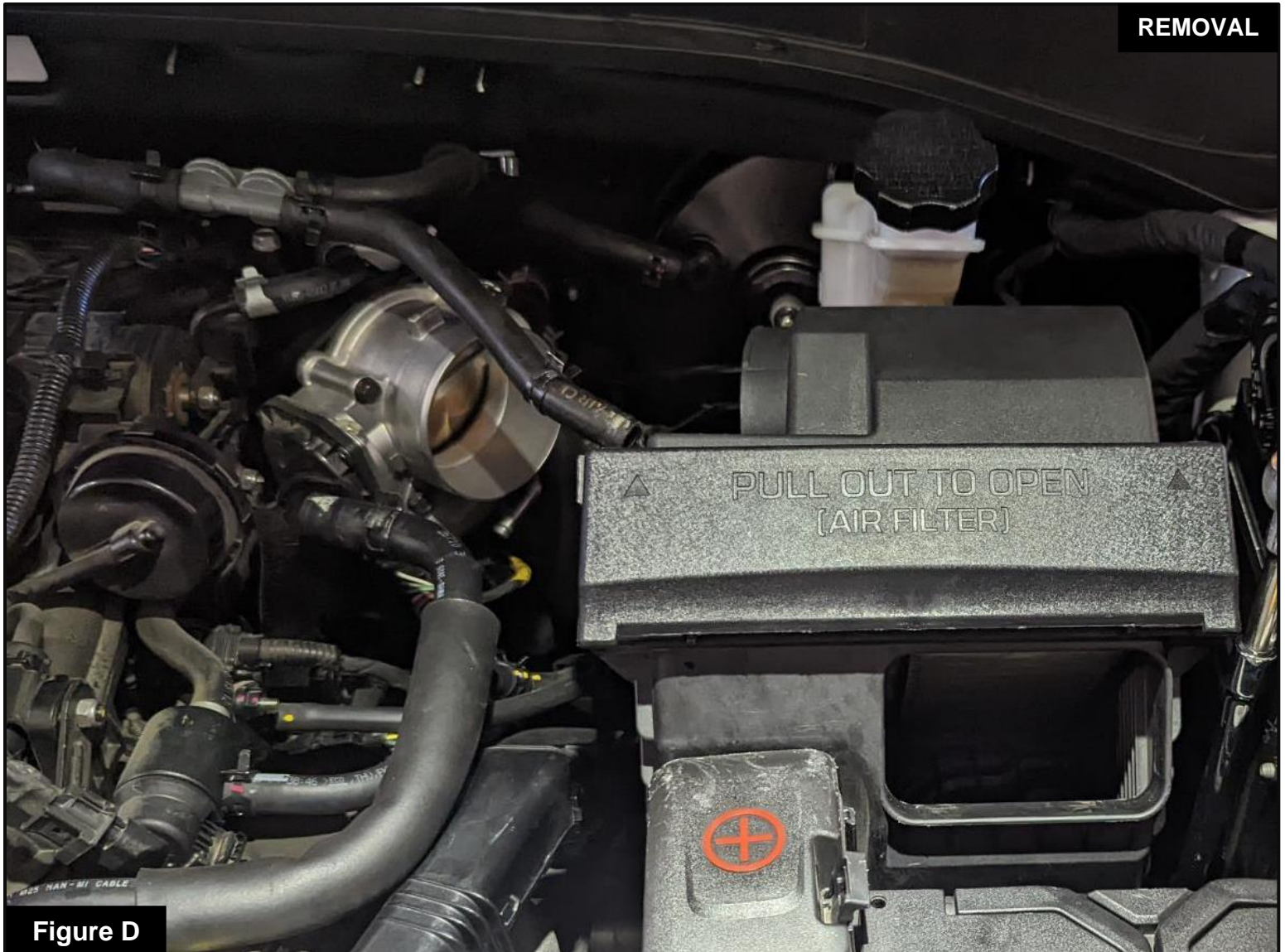


**Figure C****Refer to Figure C for Steps 4-6**

Step 4: Using pliers, move the indicated pinch clamps (arrows) down the line so that they are off the factory barb fittings.

Step 5: Pull the two lines off of the factory barb fittings.

Step 6: Using a 10mm nut driver, or a socket and ratchet, loosen the two indicated worm clamps (circled) on the factory intake tube.

**Figure D****Refer to Figure D for Step 7**

Step 7: Remove the factory intake tube by pulling on it, towards the front of the vehicle.

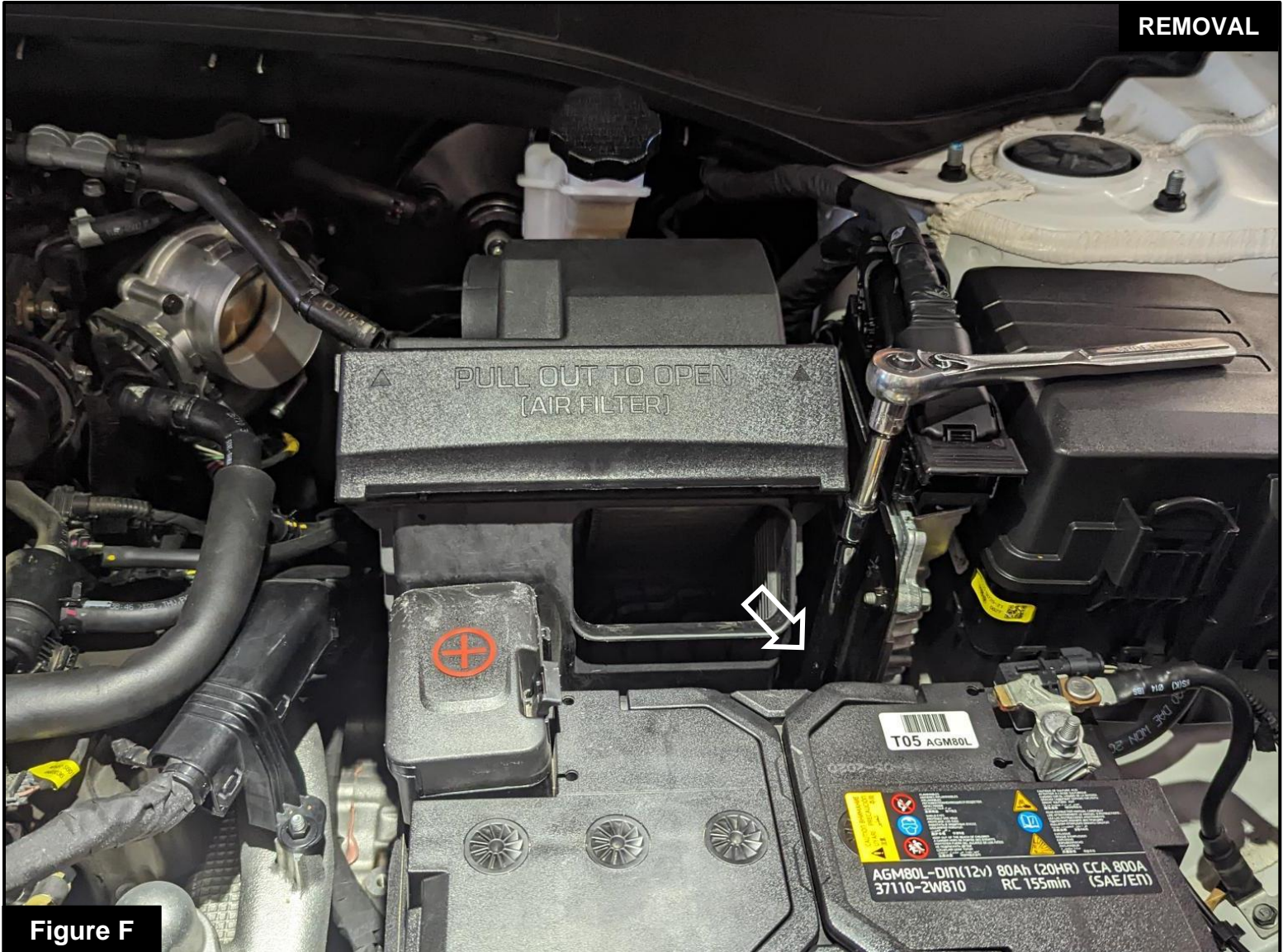


**Figure E****Refer to Figure E for Step 8**

Step 8: Using a 10mm socket and socket extensions, remove the first mounting screw from the area shown.

Put this screw aside, it will be re-used.



**Figure F****Refer to Figure F for Steps 9-10**

Step 9: Using a 10mm socket and socket extensions, remove the second mounting screw from the area shown. Put this screw aside, it will be re-used.

Step 10: Remove the factory filter housing from the vehicle.



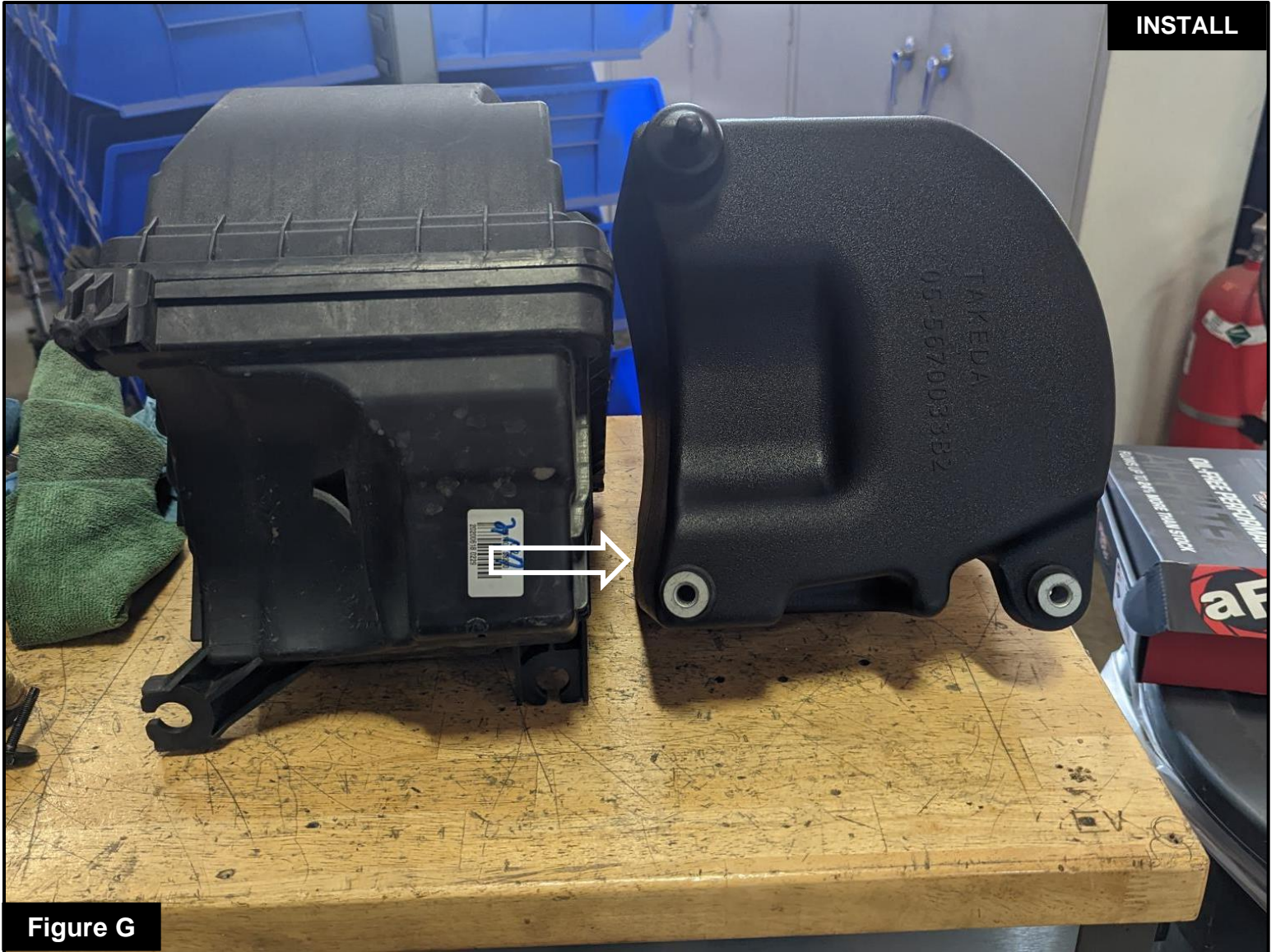


Figure G

**Refer to Figure G for Step 11**

Step 11: Transfer the rubber mounting grommets from the factory filter housing to the TAKEDA housing.



**Figure H****Refer to Figure H for Step 12**

Step 12: Insert the TAKEDA housing into the vehicle. Make sure the peg mount is inserted into the proper grommet in the back. Make sure the visible mount from Step 8 lines up with the mounting grommet.

**Figure I****Refer to Figure I for Step 13**

Step 13: Using a 10mm socket and extensions, reinstall the mounting screw removed from Step 8.



**Figure J****Refer to Figure J for Step 14**

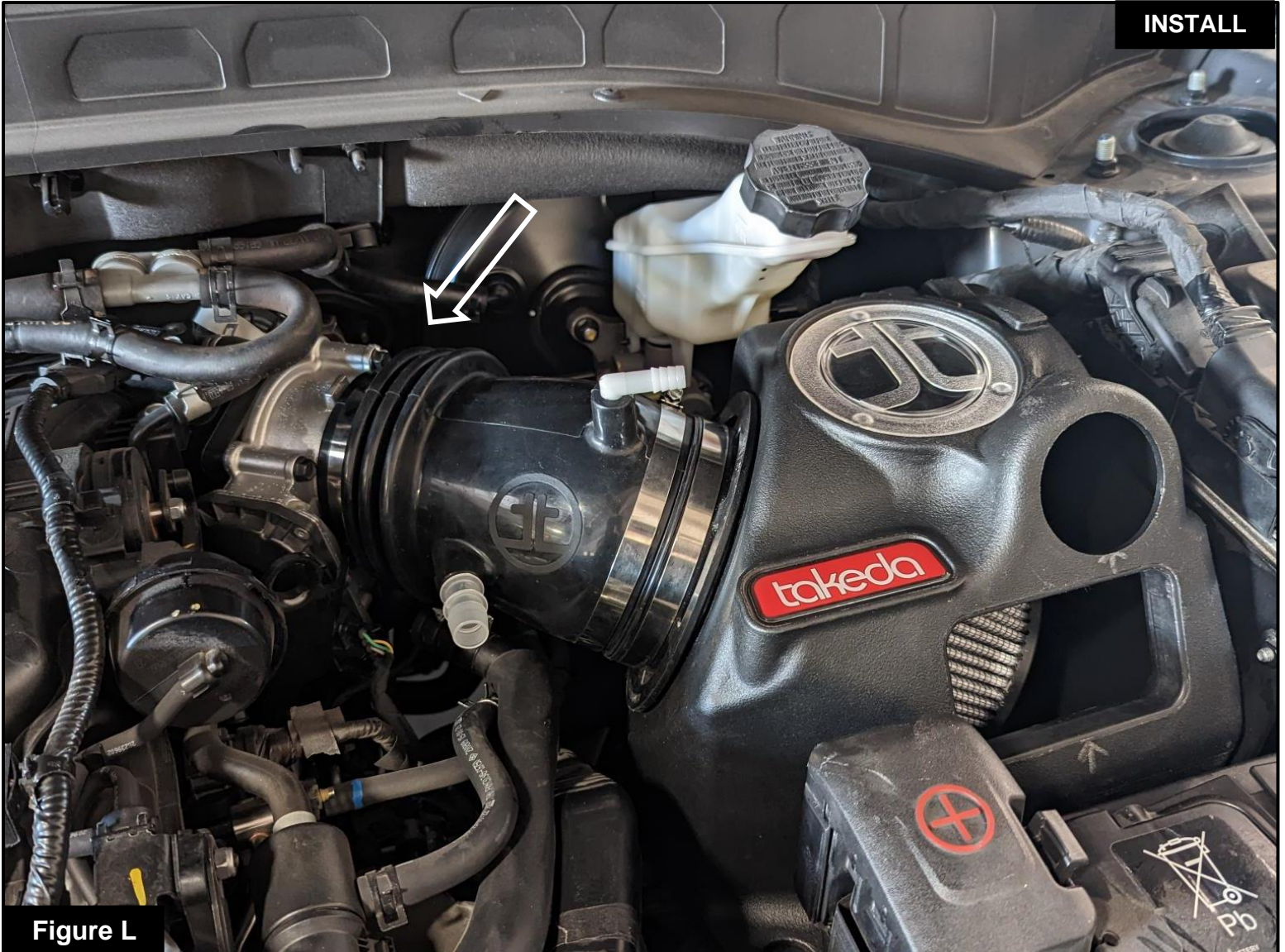
Step 14: Going through the square hole, or the filter hole, reinstall the second screw from Step 9 using a 10mm socket with an extension.



**Refer to Figure K for Step 15**

Step 15: Insert the filter into the TAKEDA housing by firmly pushing it into the housing until the filter tabs lock it into place. Slip the worm clamp over the filter flange, but do not tighten at this time.



**Figure L****Refer to Figure L for Steps 16-18**

Step 16: Insert the TAKEDA tube onto the throttle body, and insert the aluminum end into the filter.

Step 17: Slip the included clamp over the throttle body and the smaller end of the TAKEDA tube.

Step 18: Align tube as shown, and tighten all clamps.



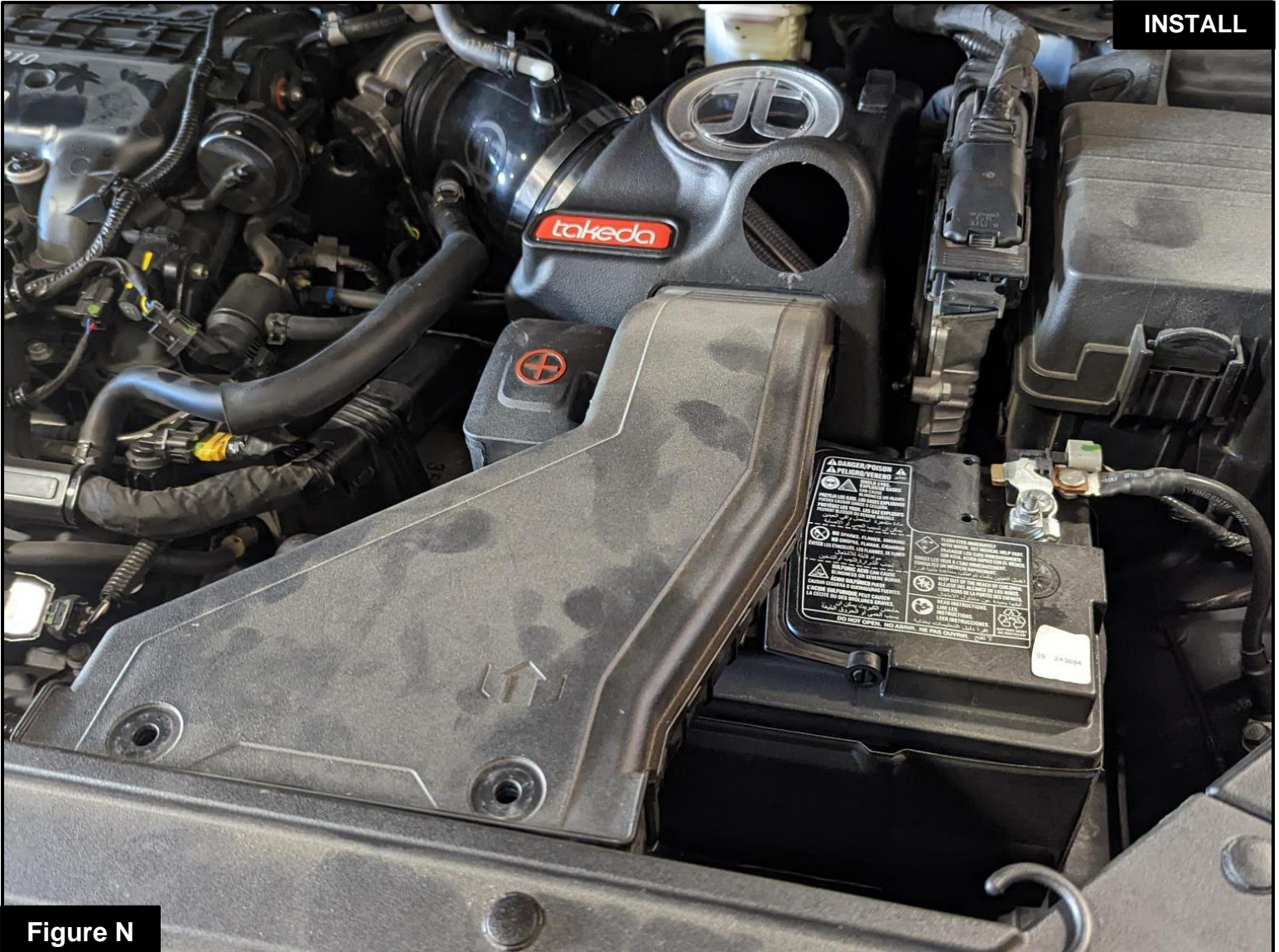


Figure M

**Refer to Figure M for Step 19**

Step 19: Reconnect the breather tubes from Steps 4-5 using the factory pinch clamps.



**Figure N**

## **Refer to Figure N for Step 20**

Step 20: Reinstall the factory scoop by inserting the smaller end into the TAKEDA housing as shown, and lining up the scoop inlet with the mounting area at the front of the engine bay.

- If you have purchased a TAKEDA DAS for this intake system (56-70033S or 56-70059S), please refer to the install instructions included there for the DAS install. (Skip Step 20 and 21 of this booklet)



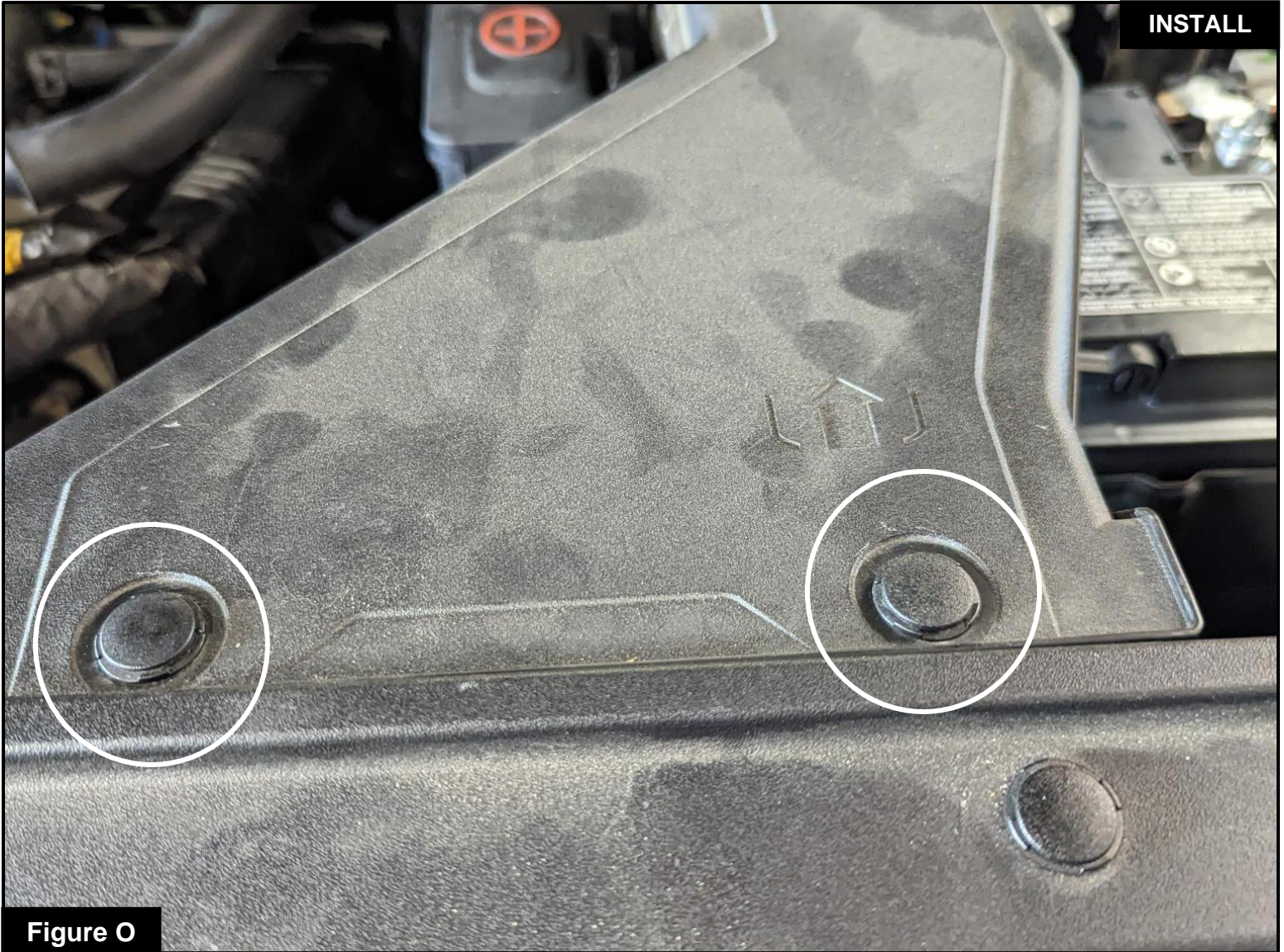


Figure O

**Refer to Figure O for Step 21**

Step 21: Reinstall the factory push clips into the factory scoop.





**Figure P**

### **Refer to Figure P for Step 22**

Step 22: The kit includes an optional plug to close off the auxillary air inlet. Install the plug if you wish to close off the auxillary air inlet and only capture cold air from the factory scoop.

- Without the plug installed, the TAKEDA intake will capture the maximum air available. More airflow offers more power. Yet some of this air is picked up from inside the engine compartment and could be warmer air. Warmer air will affect the performance of the vehicle.
- The plug installed on the housing will block off any hot engine air entering the housing and make sure the coolest air available is directed into the engine. It will also reduce the noise of the intake.





Figure Q

**Refer to Figure Q for Step 23**

Step 23: Reinstall the engine cover.

**Your installation is complete! Thank you for choosing Takeda!**

**NOTE: Check all screws, clamps, and connectors are secure after 100-200 miles.**





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<https://afepower.com/contact>

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