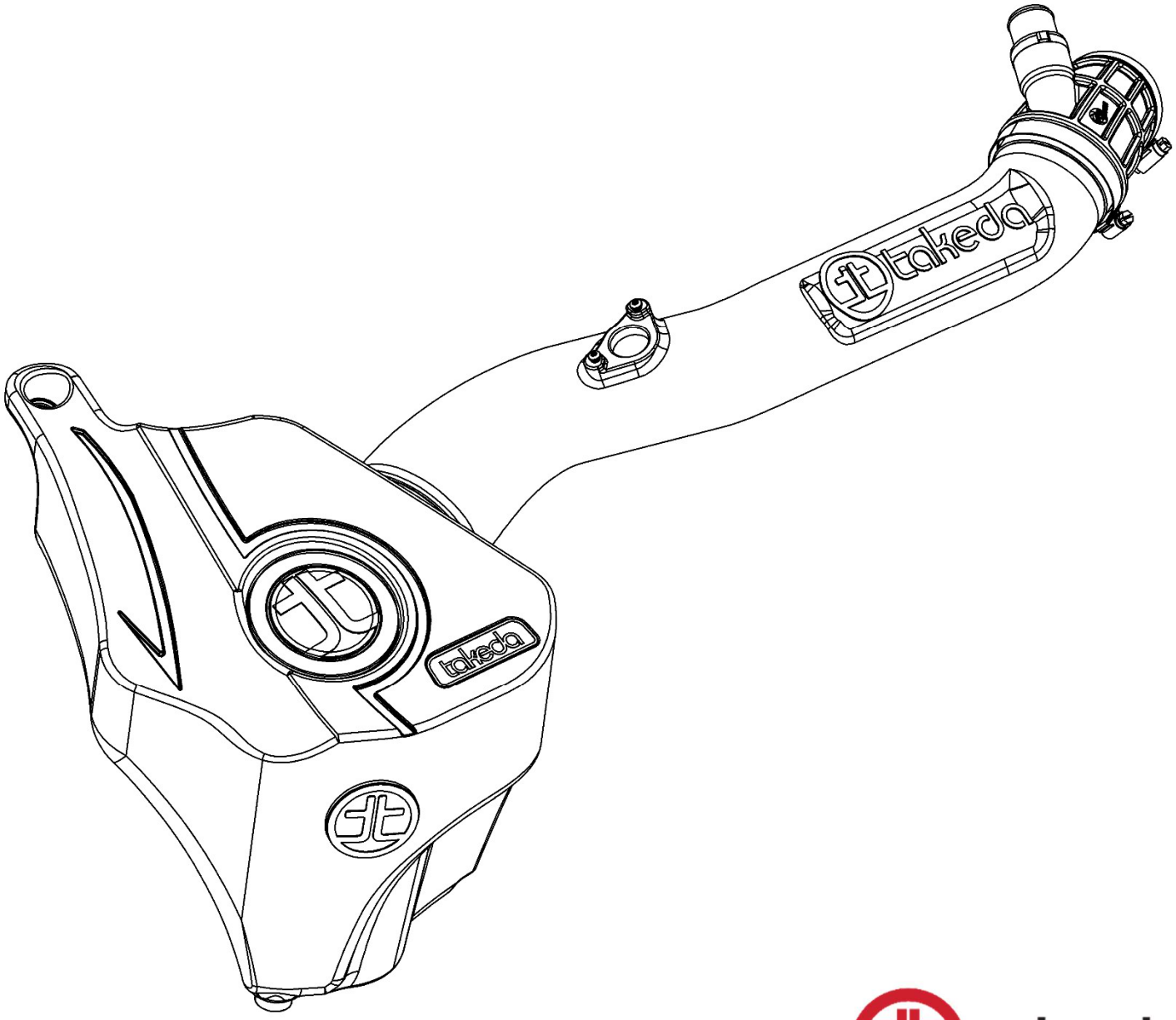


takeda by aFe

advanced FLOW engineering

Cold Air Intake System

Instruction Manual

P/N: 56-70069D / 56-70069R

Make: **Lexus** Model: **IS300** Year: **2021-2025** Engine: **L4-2.0L(t)**

- **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.**

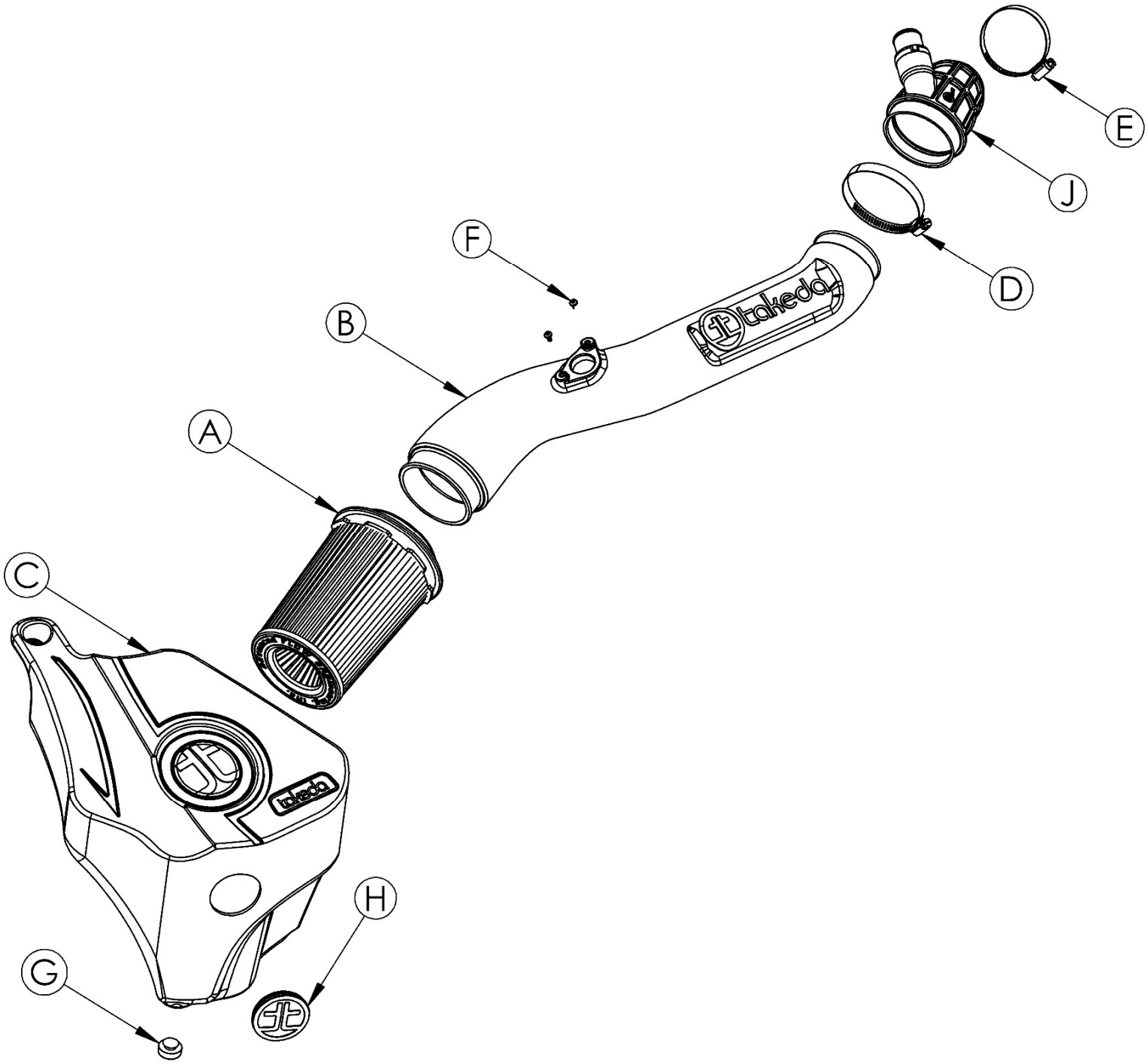
Label	Qty.	Description	Part Number
A	1	Air Filter (Pro DRY S) For 56-70069D	21-91103
A	1	Air Filter (Pro 5R) For 56-70069R	24-91103
B	1	Tube	05-T2019B1
C	1	Housing	05-5670069B2
D	1	Clamp, 048 (2-9/16” – 3-1/2”)	03-50007
E	1	Clamp, 032 (1-9/16” – 2-1/2”)	03-50016
F	2	Screw, Torx: M4 x 8mm	03-50491
G	1	Bumper, Rubber: ½” ID x 1” OD	03-50769
H	1	Plug, Air Box	05-01527
J	1	Coupler, Silicone Elbow: (3x2.25)”ID x 35° w/1”Vent	05-01466

Installation will require the following tools:

Socket Set, Torx Set, Extensions, Rachet wrench, Pliers, Screwdriver Set, Trim Removal 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.


A
B
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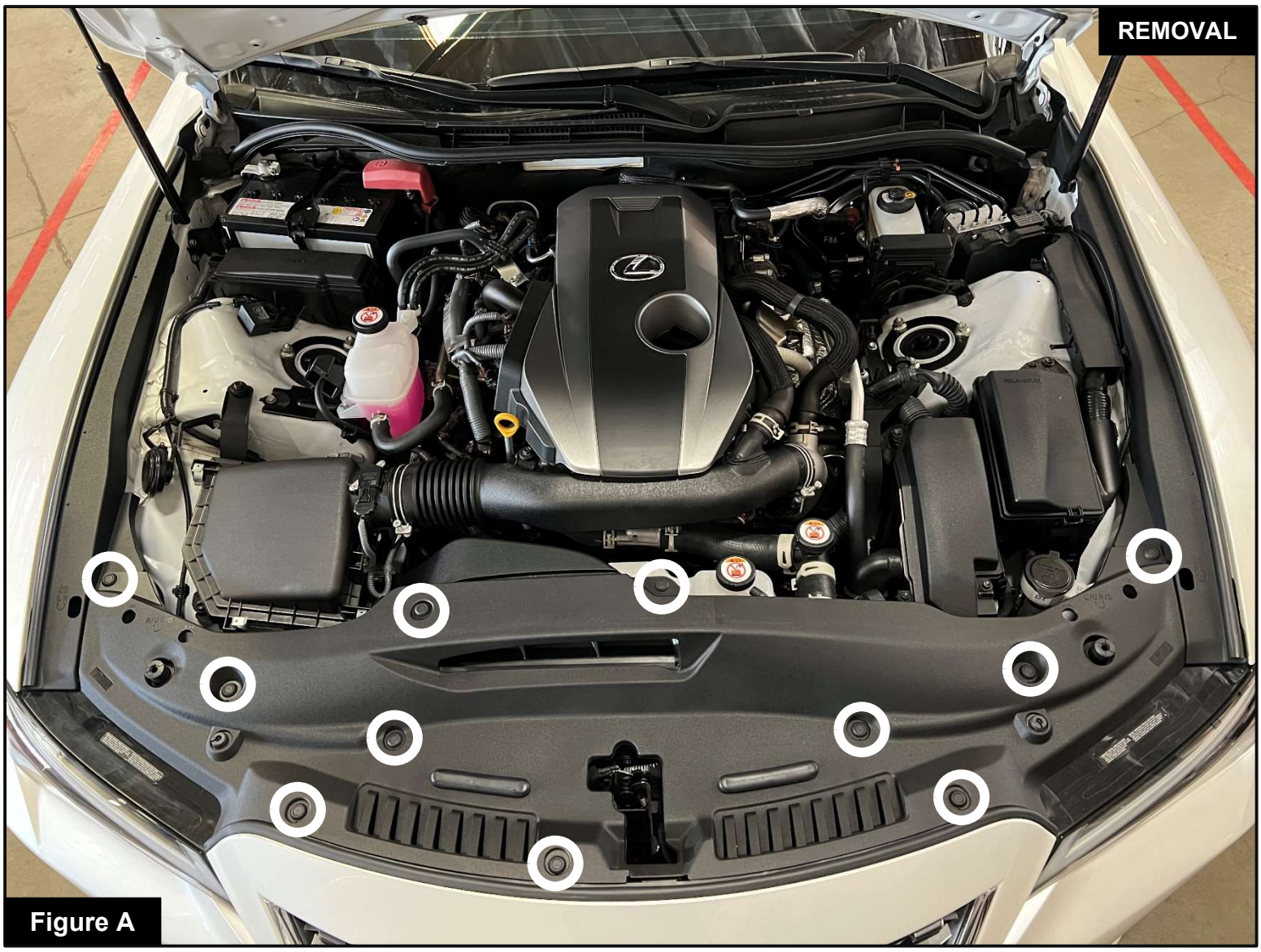

Figure A

Refer to Figure A for Steps 1-2

Step 1:Carefully remove the push clips securing the factory engine trim, by pressing on the center of them then lifting them up. Remove the factory engine trim. Push clips and engine trim will be used later in the installation.

Step 2:Remove the engine cover.

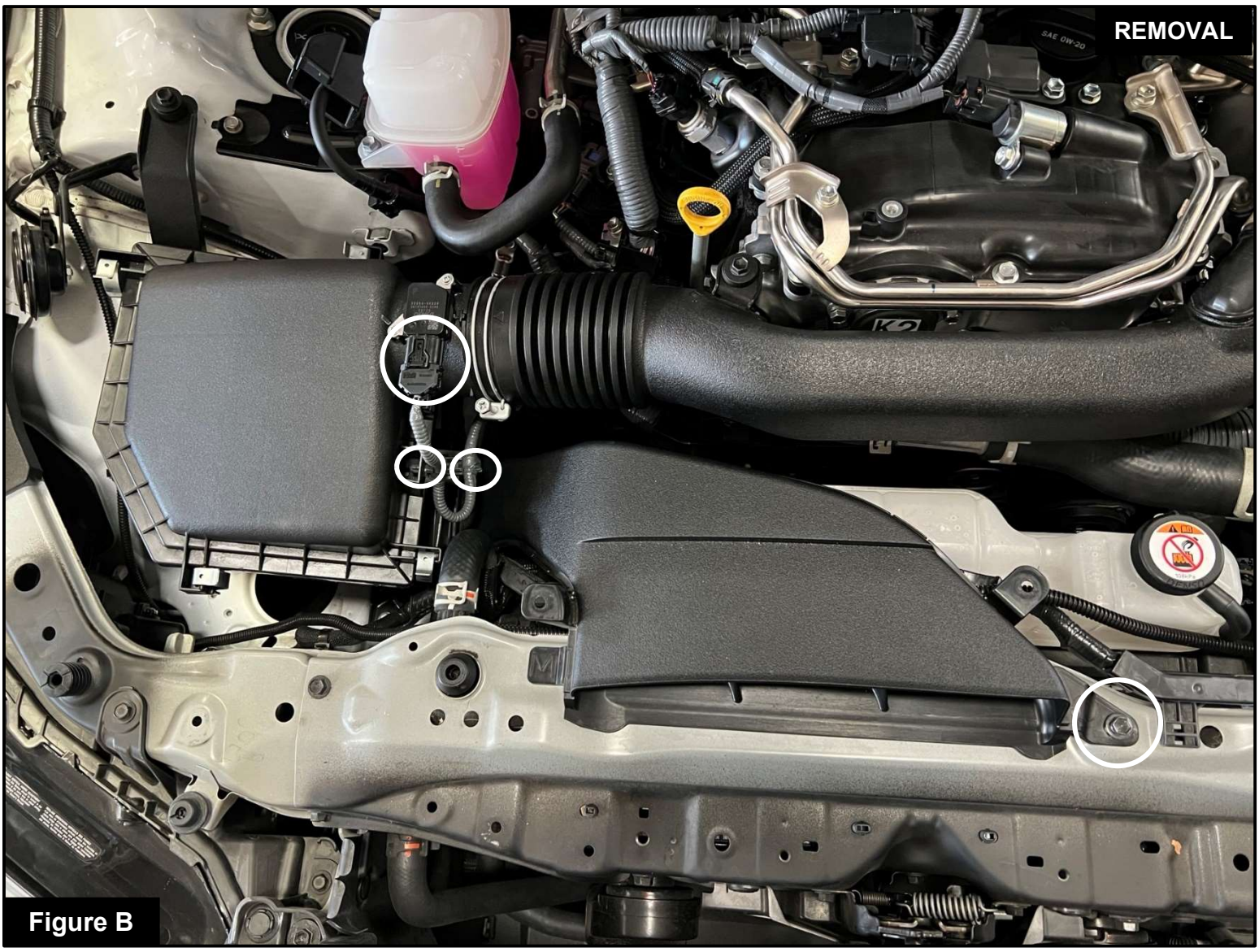

Figure B

Refer to Figure B for Steps 3-4

Step 3:Use a 10mm driver or rachet wrench to remove the screw securing the factory scoop. Carefully remove scoop from the engine bay. Air scoop and screw will be used later in the installation.

Step 4:Disconnect the (MAF) Mass Air Flow sensor and unclip the harness from the two mounting points.

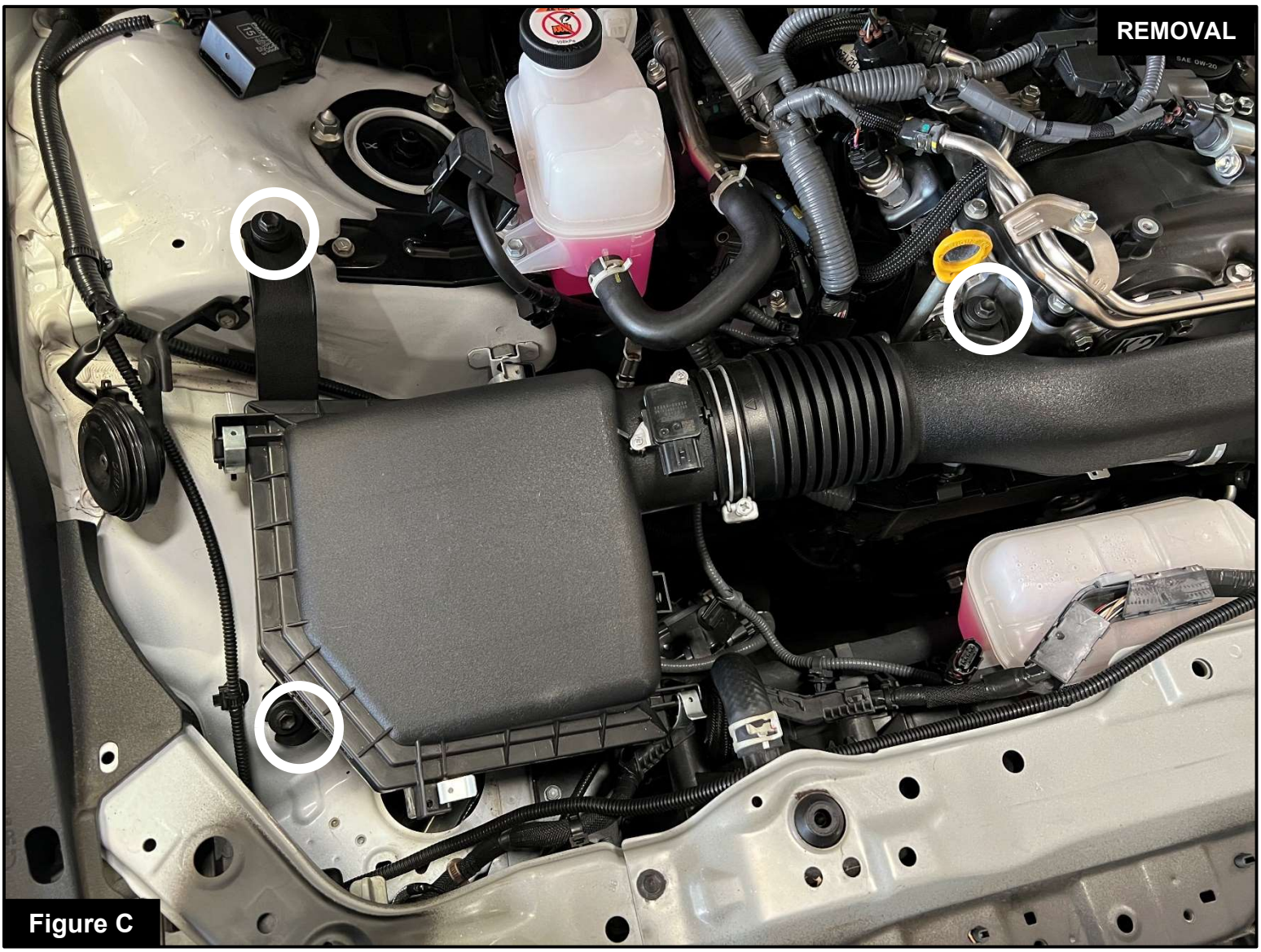

Figure C

Refer to Figure C for Step 5

Step 5:Use a 10mm driver or rachet wrench to remove the (3) three screws securing the factory intake. Screws will be used later in the installation.

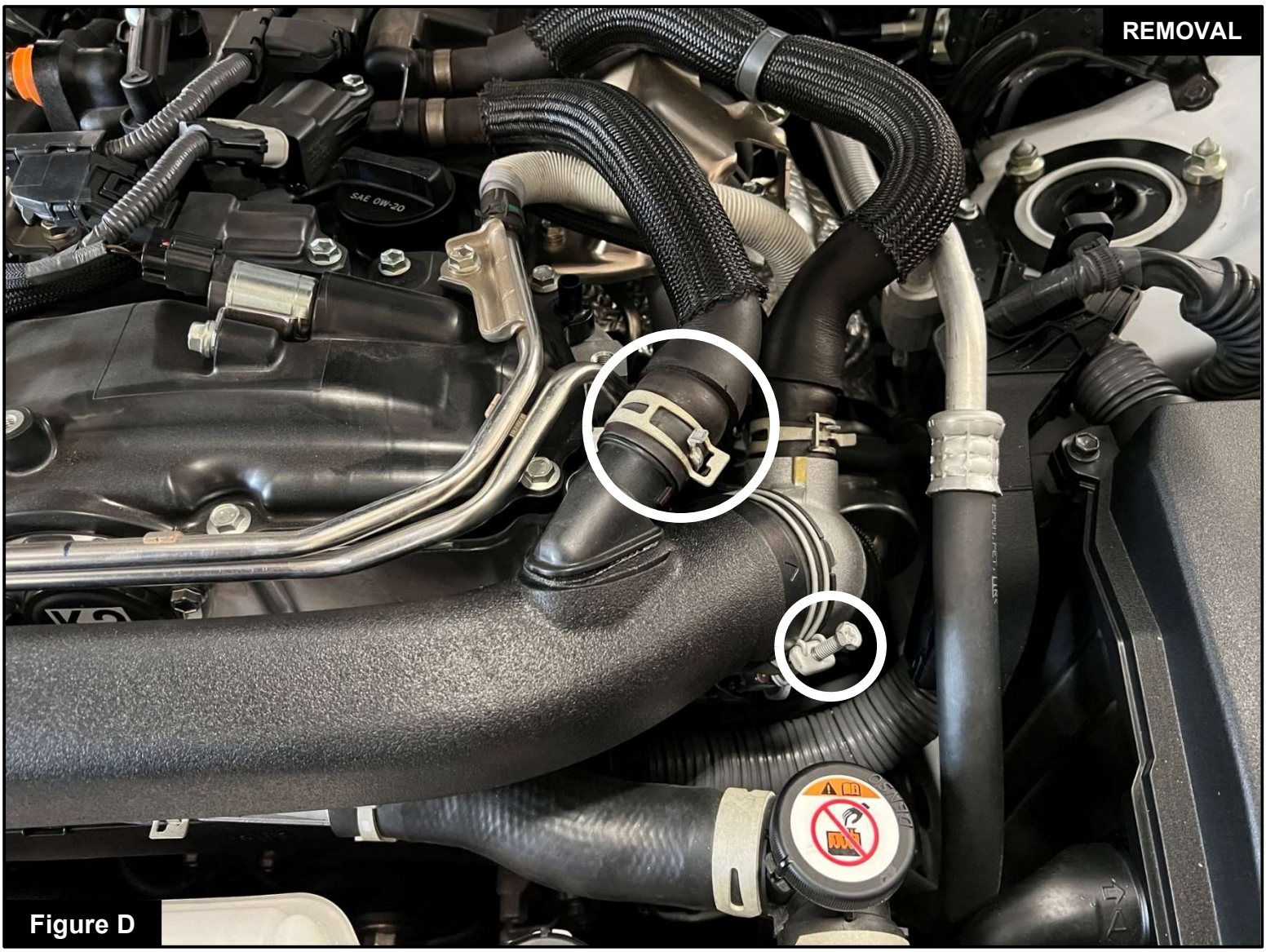

Figure D

Refer to Figure D for Steps 6-7

Step 6:Use pliers to squeeze the pinch clamp and remove the crankcase hose from the intake tube.

Step 7:Use a 10mm driver or rachet wrench to loosen the factory hose clamp on the intake tube.

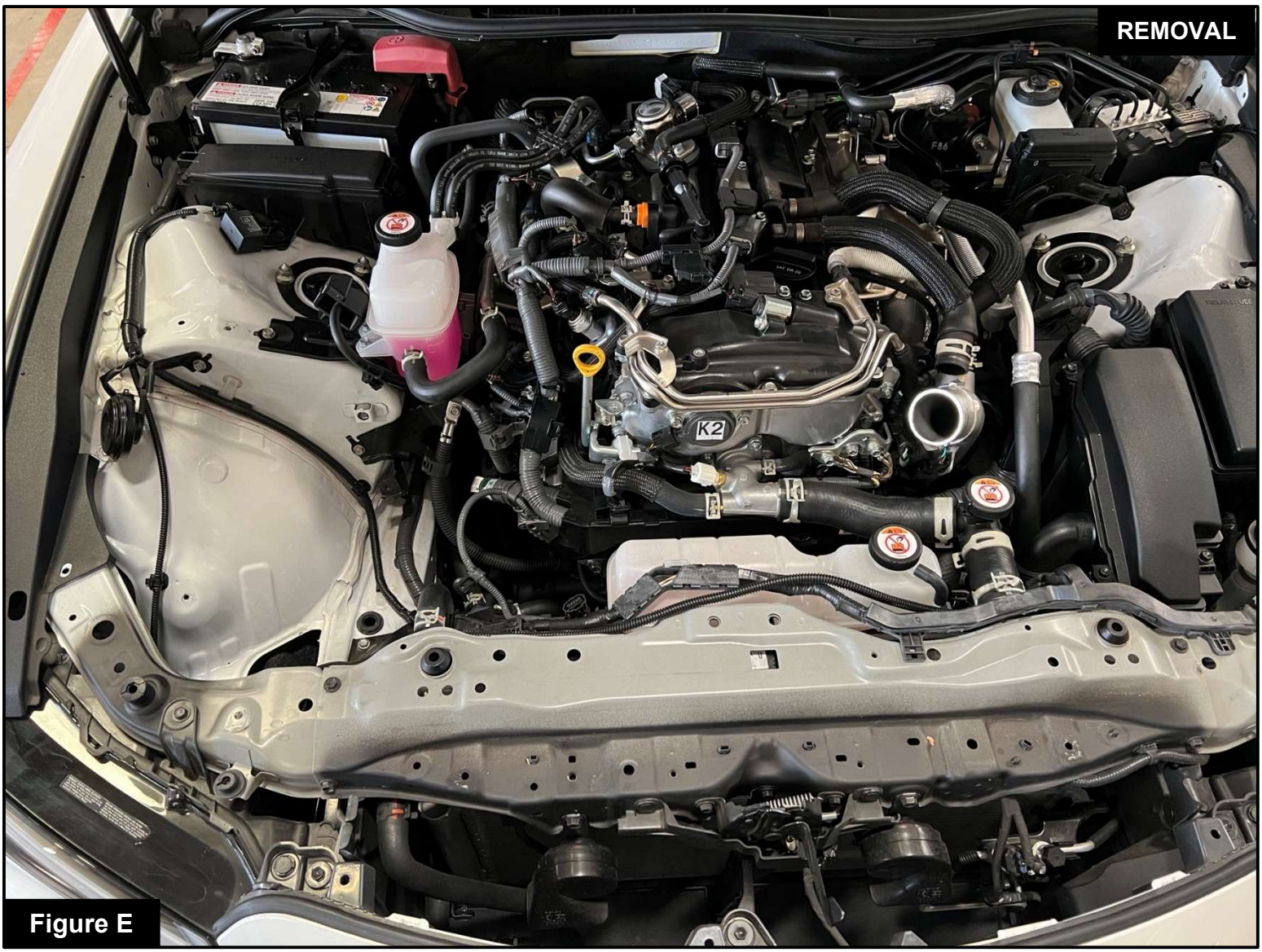

Figure E

Refer to Figure E for Step 8

Step 8:Carefully remove factory airbox and tube out of the vehicle.

Figure F

Refer to Figure F for Step 9

Step 9:Transfer (MAF) Mass Air Flow sensor from the factory tube to the **TAKEDA** tube.

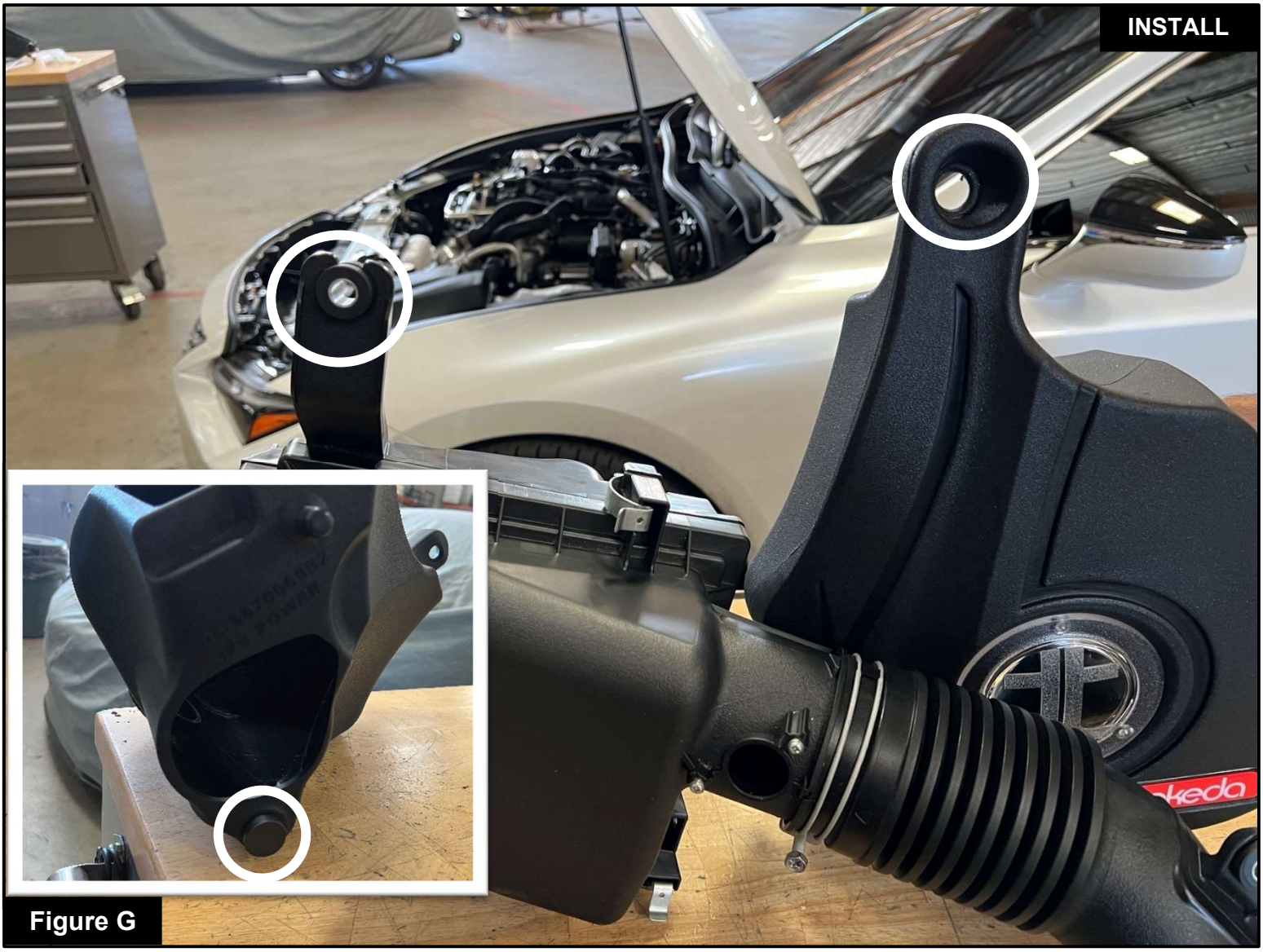

Figure G

Refer to Figure G for Steps 10-11

Step 10:Transfer the factory grommet from the factory airbox to the **TAKEDA** housing.

Step 11:Install the provided bump mount to the bottom of the **TAKEDA** housing.

Figure H

Refer to Figure H for Step 12

Step 12:Install the **aFe POWER** air filter into the **TAKEDA** housing by firmly pushing it into the housing until the filter tabs lock it into place. Do not tighten hose clamp at this time.

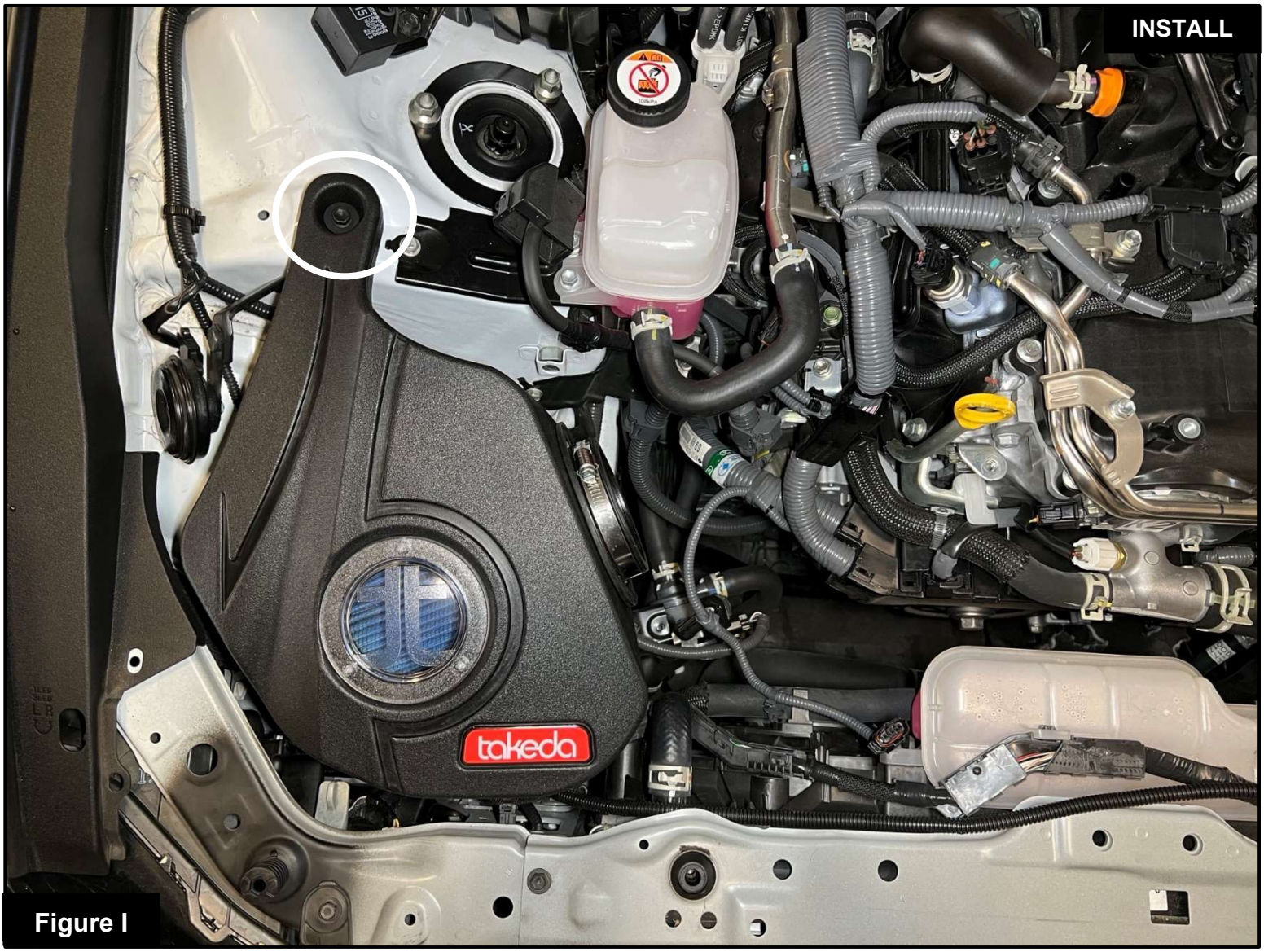

Figure I

Refer to Figure I for Step 13

Step 13:Install the **TAKEDA** housing into the vehicle, ensuring that the peg on the housing properly fits into the car's grommet. Using a 10mm driver or ratchet wrench, install one of the screws removed in Step 5 to secure the housing in place.

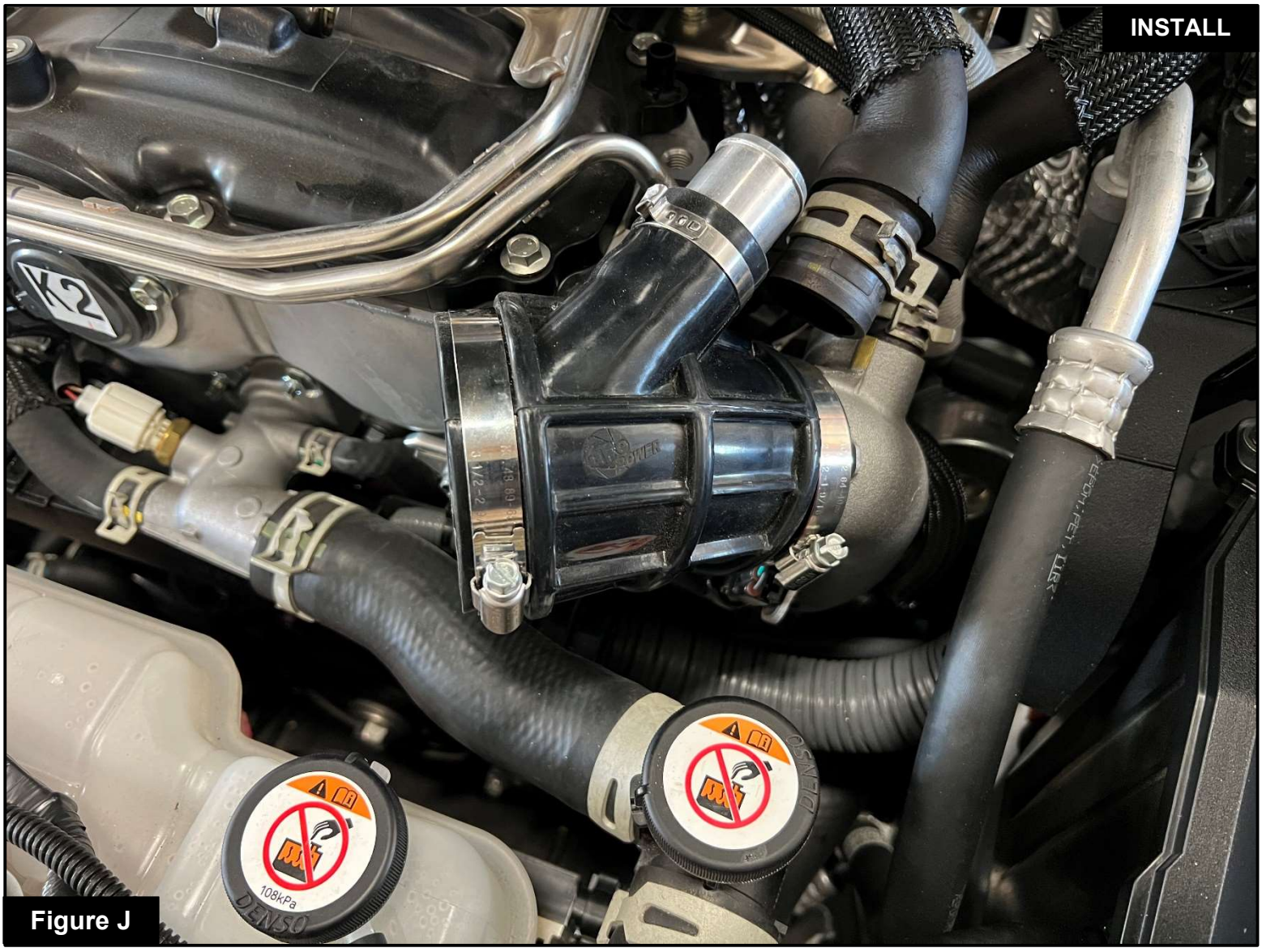

Figure J

Refer to Figure J for Step 14

Step 14:Attach the **aFe POWER** coupler to the inlet, leaving the #32 & #48 hose clamps loose. Do not tighten at this time.

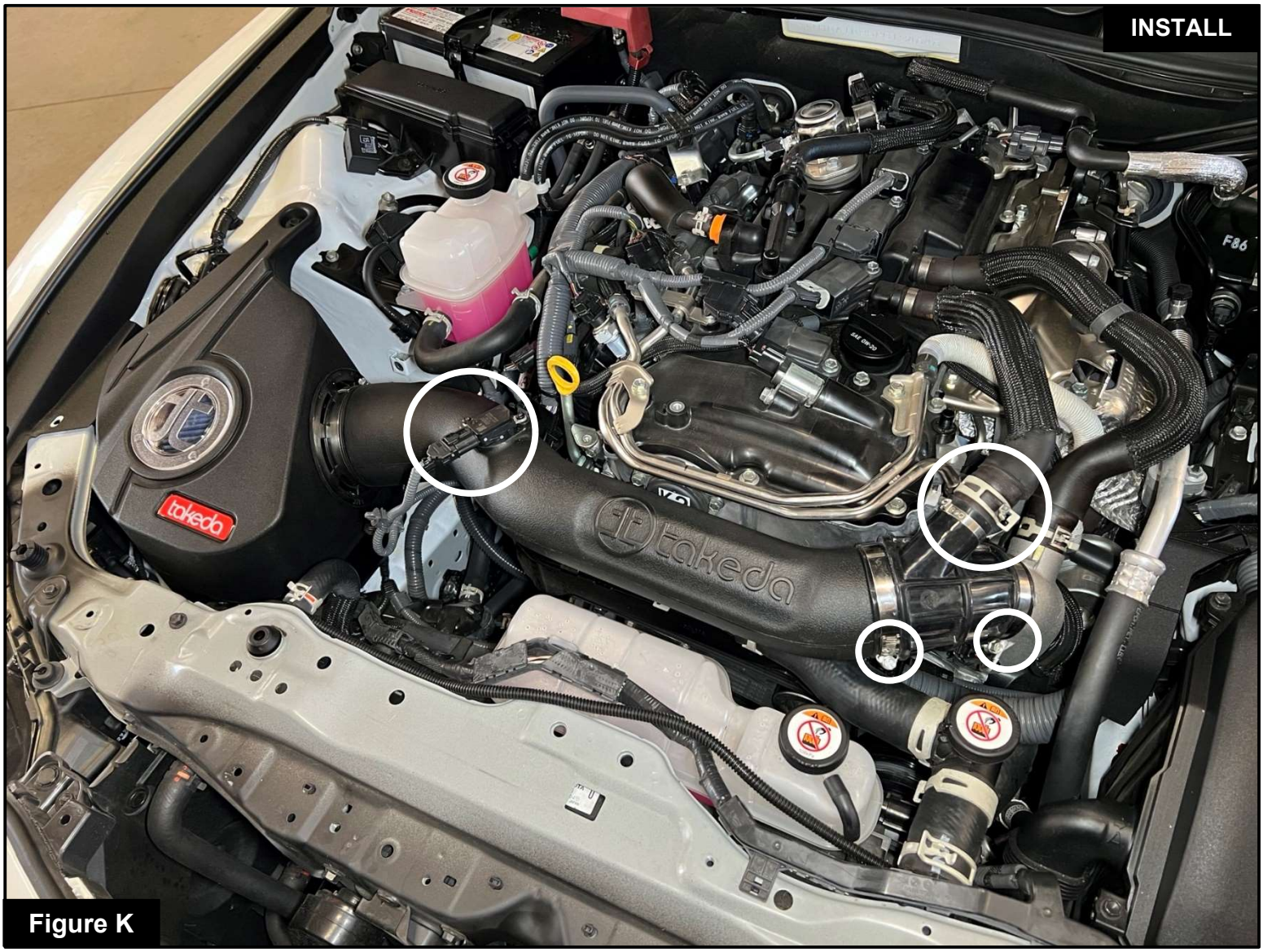

Figure K

Refer to Figure K for Steps 15-17

Step 15:Insert the **TAKEDA** tube into the filter first, then insert it to the **aFe POWER** coupler. Ensure everything is properly aligned, then tighten all clamps securely.

Step 16:Use pliers to squeeze the pinch clamp and connect the crankcase hose.

Step 17:Connect the (MAF) Mass Air Flow sensor.

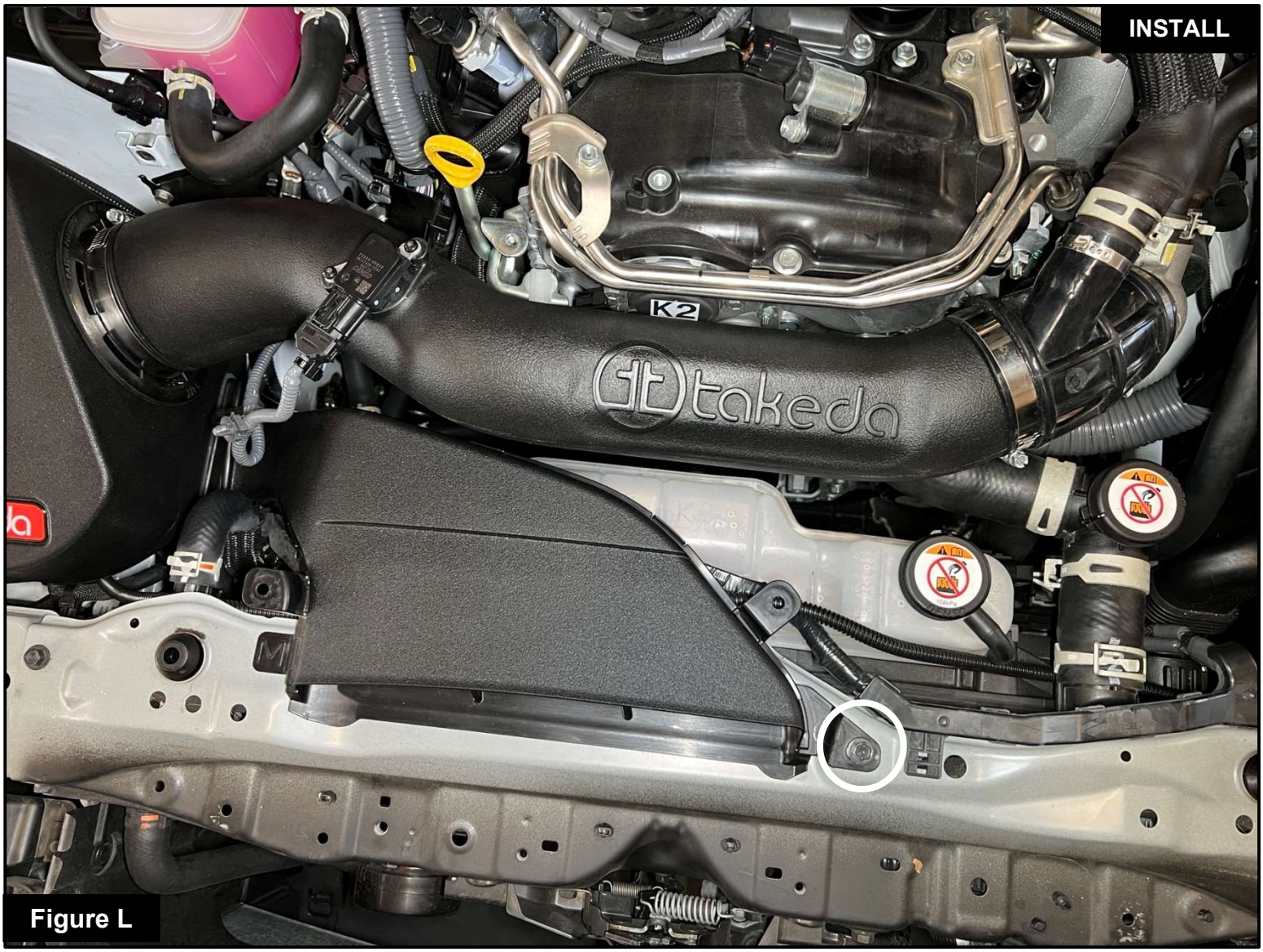

Figure L

Refer to Figure L for Step 18

Step 18: Carefully install the factory air scoop. Use a 10mm driver or rachet to secure the air scoop with the screw that was removed in Step 3.

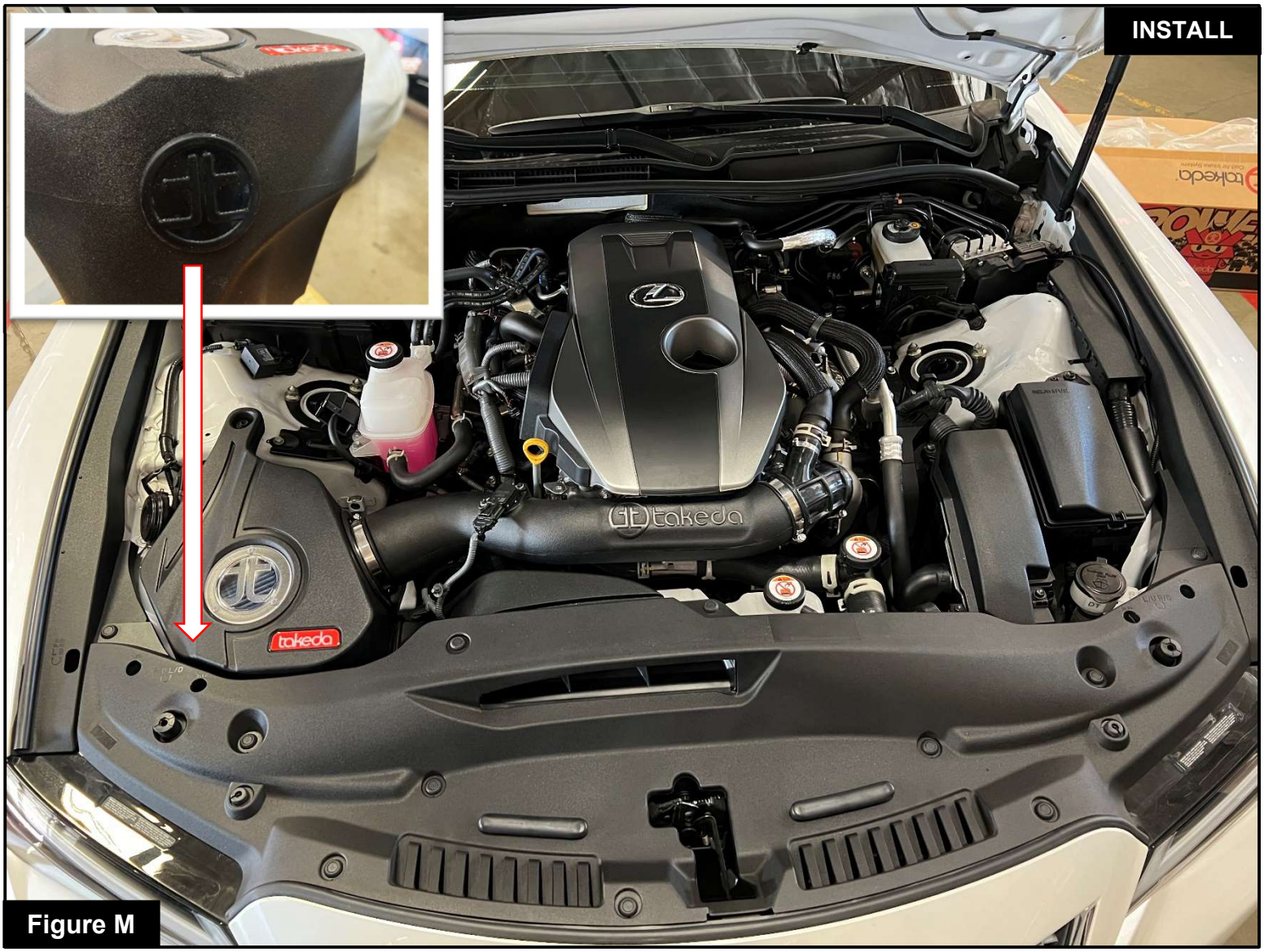

Figure M

Refer to Figure M for Steps 19-21

Step 19: Install the **TAKEDA** plug. The kit includes an optional plug to close off the auxiliary air inlet.

- **Without the plug installed, the TAKEDA intake will capture the maximum amount of air available. More airflow can lead to increased power, but some of this air may come from inside the engine compartment and could be warmer, potentially affecting vehicle performance.**
- **Installing the plug on the housing will block out hot engine air, ensuring that only the coolest air is directed into the engine. This will also help reduce intake noise.**

Step 20:Install the engine trim and secure it with the push clips that were removed in Step 1.
Step 21:Install the engine cover.

Your installation is now complete. Thank you for choosing TAKEDA USA!

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

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