

advanced FLOW engineering Cold Air Intake System

Instruction Manual P/N: 56-70063D / 56-70063R

Make: Subaru

Model: Outback

Year: 2020-2024

Engine: H4-2.4L (t)



- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- For technical support please call 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.

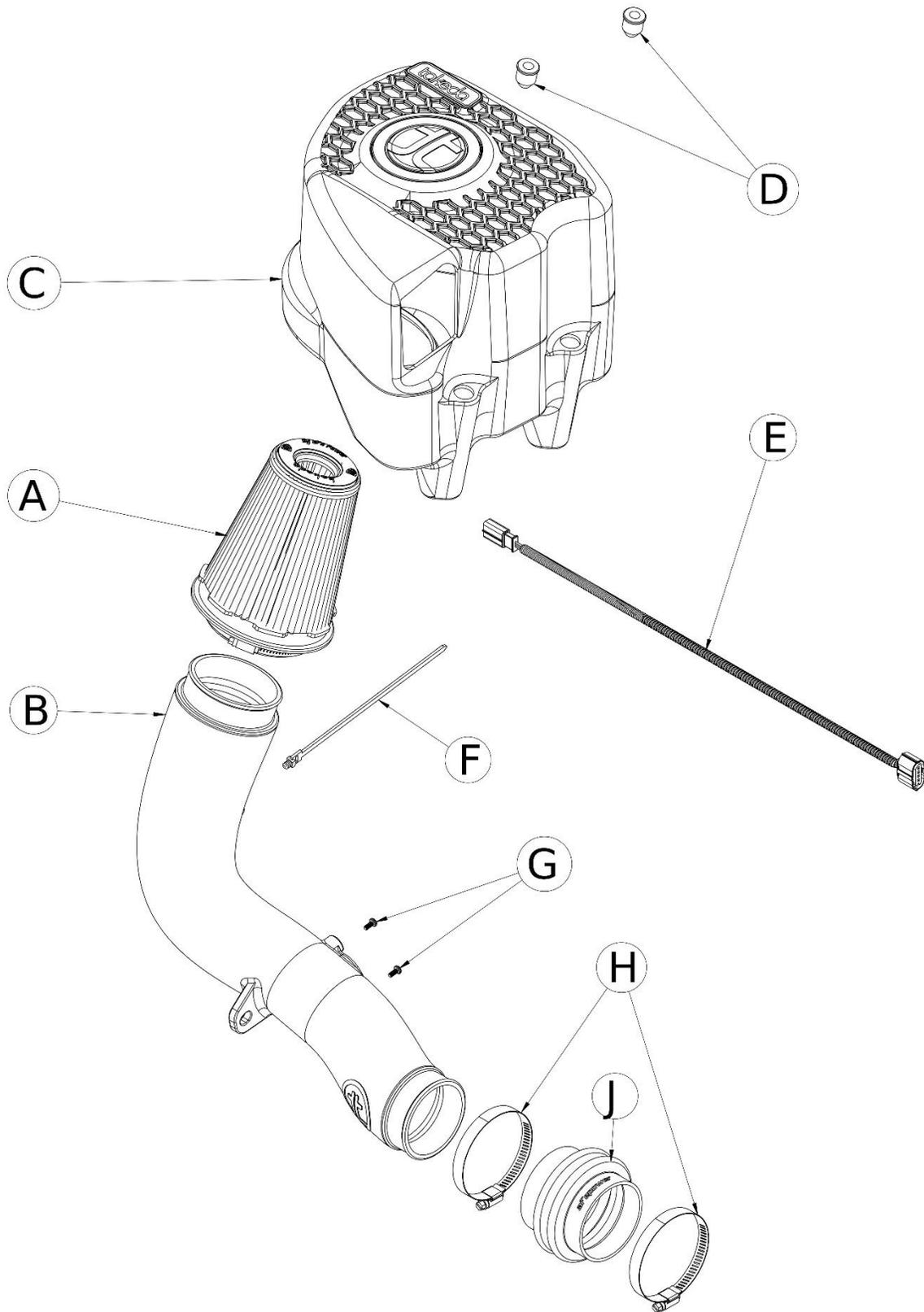
Label	Qty.	Description	Part Number
A1	1	Air Filter (Pro 5R)	TF-9029R
A2	1	Air Filter (Pro DRY S)	TF-9029D
B	1	Intake Tube	05-5670063B1
C	1	Housing	05-5670063B2
D	2	Plug, 3/4" ID	05-01746
E	1	Harness, Subaru MAF Extension: 20" 4-Wire	05-70046
F	1	Ties, Nylon Cable Push Mount: 1/4"OD x 8"L Black	03-50492
G	2	Screw, Torx: M4x8mm	03-50491
H	2	Clamp, 048 (2-9/16" - 3-1/2 ")	03-50007
J	1	Coupling, Silicone Bellows Rdr (3"x3-1/8")ID x 3"L	05-01400

Installation will require the following tools:

Panel clip remover, T-20 Torx driver, 8mm nut driver, #2 Phillips screwdriver, 10mm socket, driver, and extensions

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

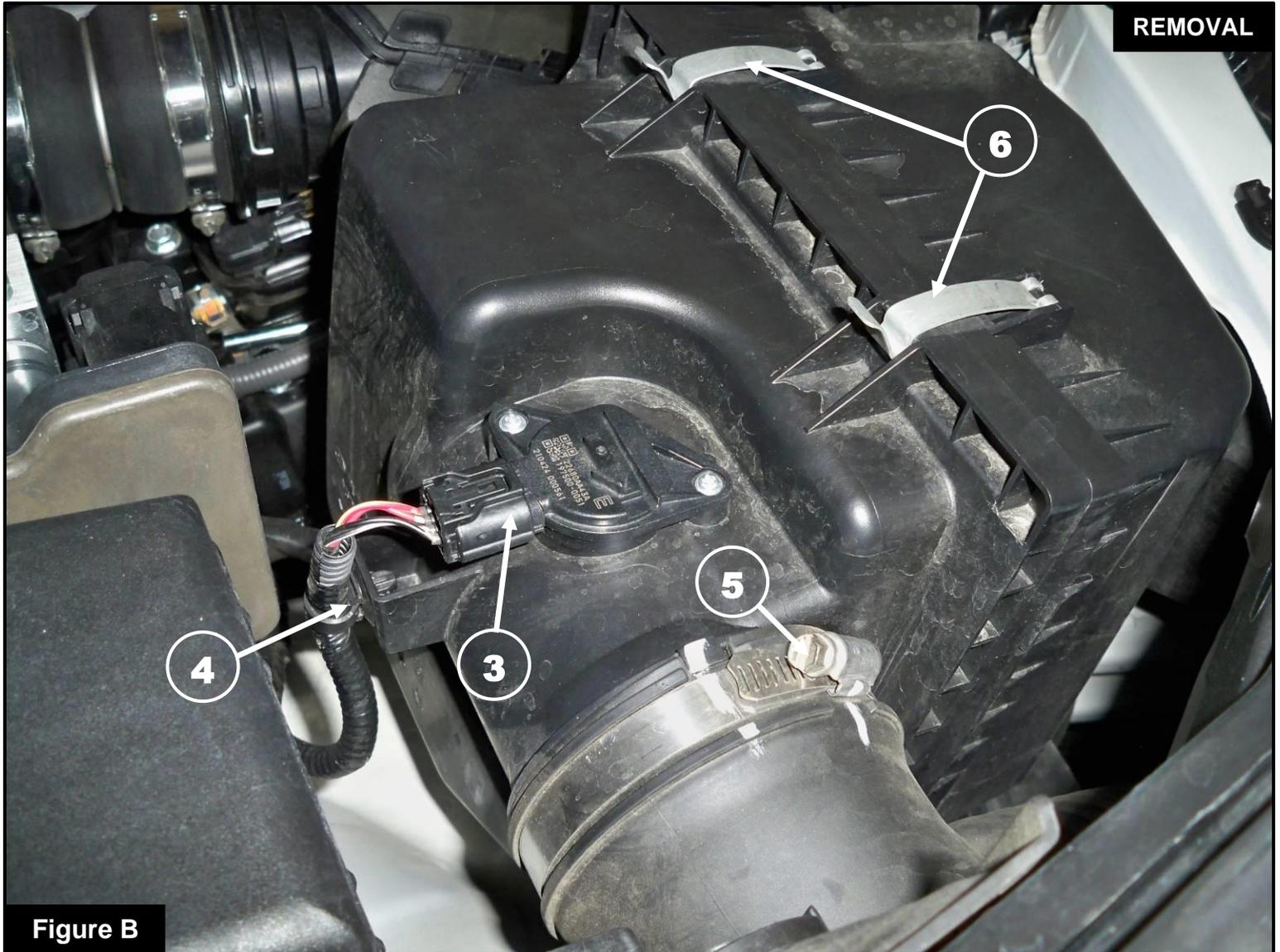
Emissions Disclaimer: This product is not currently CARB exempt and is not available for purchase in California or for use on any vehicle registered with the California Department of Motor Vehicles.



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

Step 1: Using a panel clip remover, remove the two clips ① that secure the air intake scoop ②.

Step 2: Remove the air intake scoop and set aside with the clips.

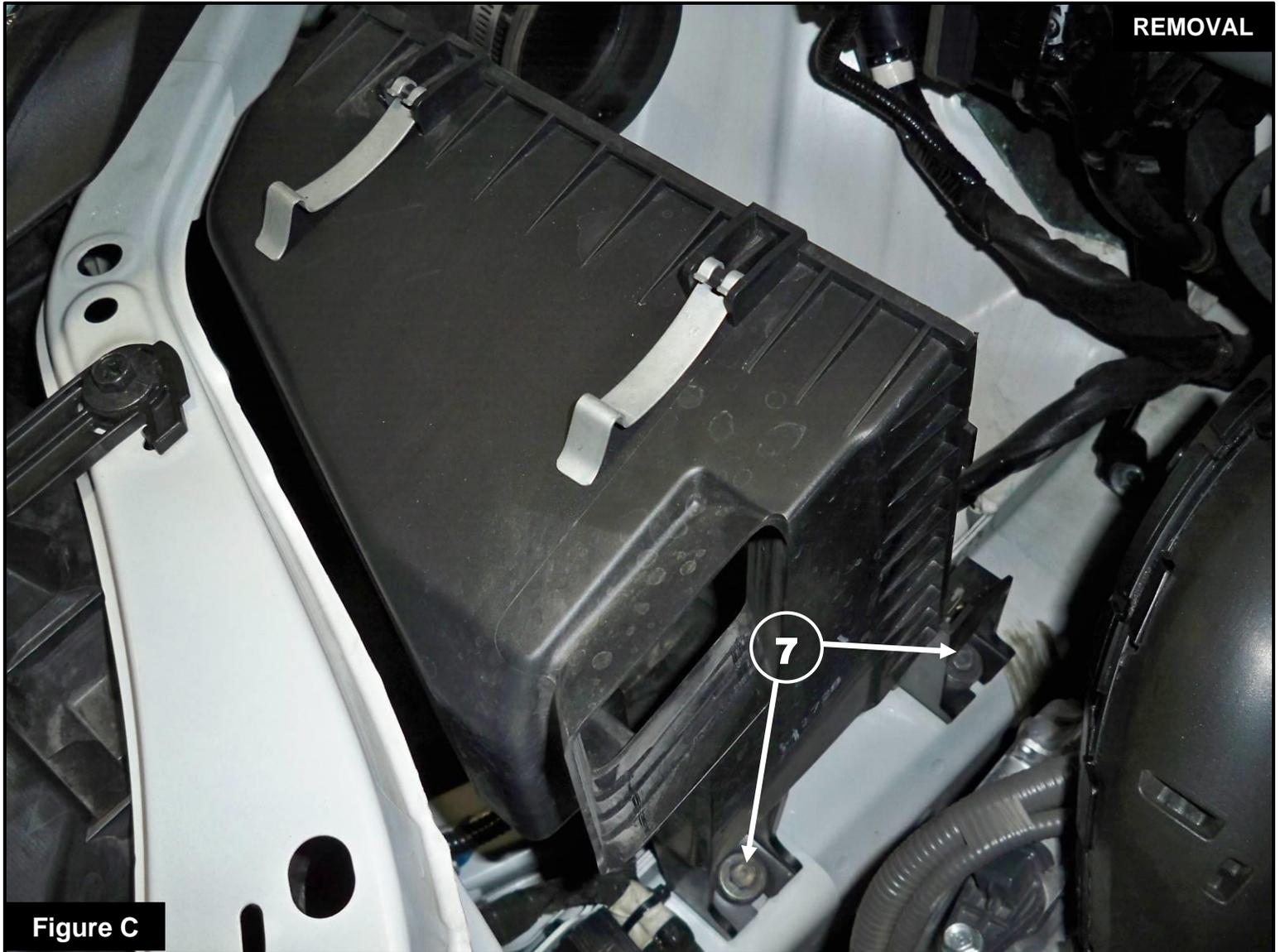
**Figure B****Refer to Figure B for Steps 3-6**

Step 3: Disconnect the MAF sensor (3) and remove the clip (4) securing the harness.

Step 4: Using an 8mm nut driver, loosen the clamp (5) at the factory airbox.

Step 5: Disconnect the factory intake tube from the factory airbox.

Step 6: Remove the clips (6) from the factory airbox and remove the rear section of the factory airbox with the air filter.



Refer to Figure C for Steps 7-8

Step 7: Using a 10mm socket and driver, remove the two screws ⑦ holding the factory airbox.

Step 8: Detach and remove the factory airbox from the isolator. If the isolator is pulled out and is stuck on the factory airbox, remove it from the factory airbox and insert it back on the mounting bracket.



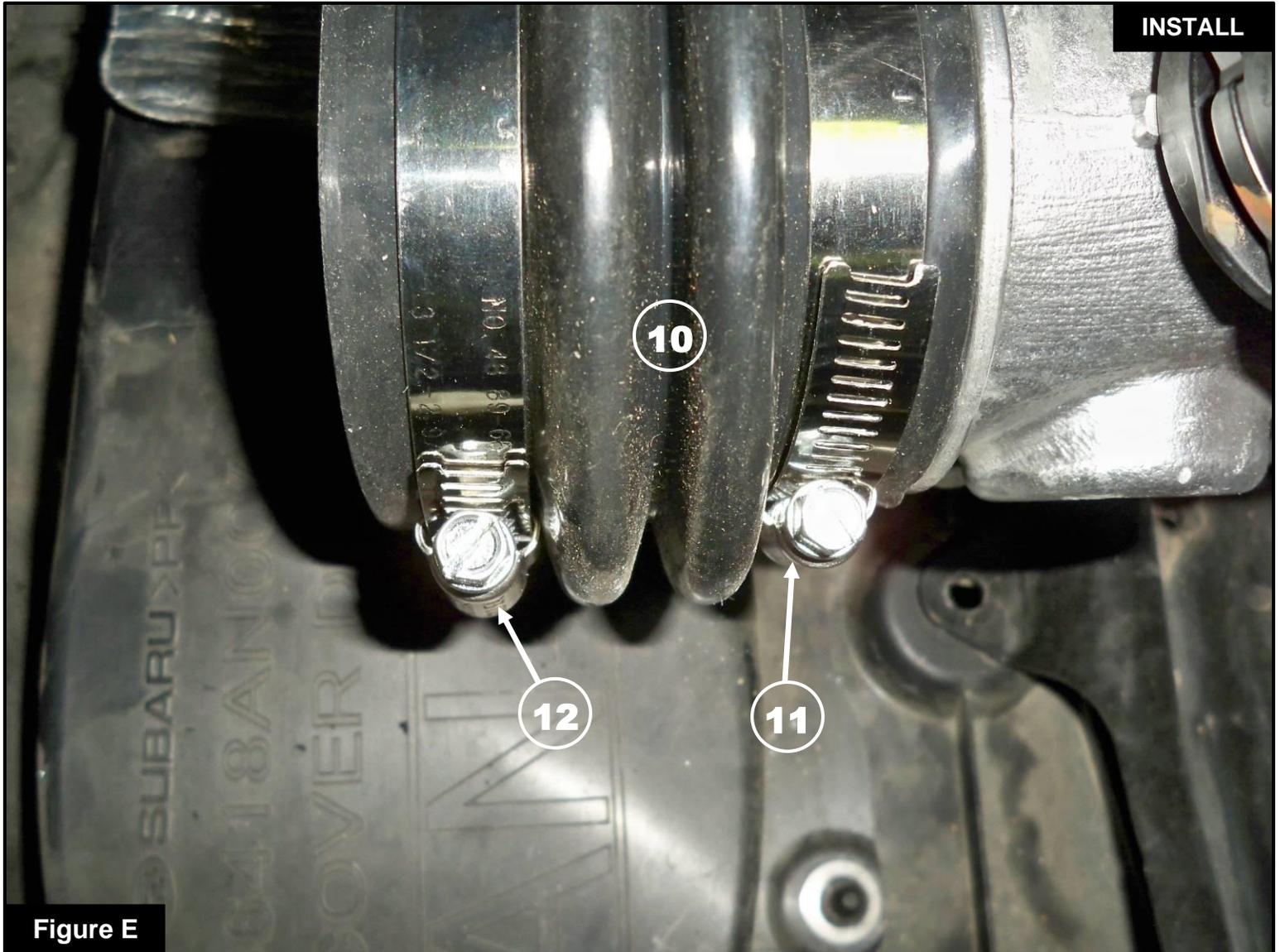
Figure D

Refer to Figure D for Steps 9-11

Step 9: Using an 8mm nut driver, loosen the clamp (8) at the turbo inlet.

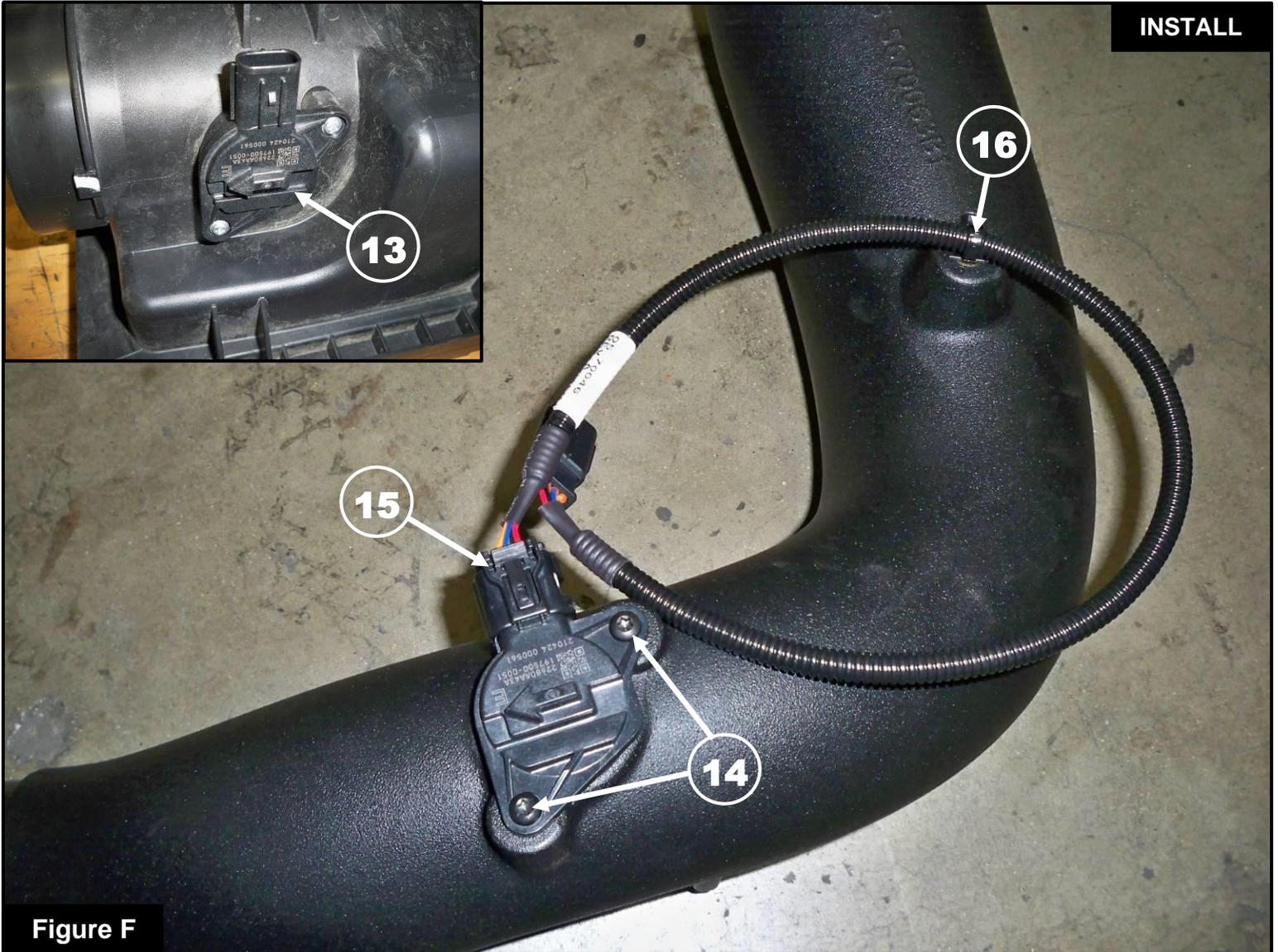
Step 10: Using a 10mm socket and driver, remove the nut (9) securing the factory intake tube.

Step 11: Remove the factory intake tube.

**Figure E****Refer to Figure E for Steps 12-13**

Step 12: Install the supplied coupling (05-01400) (10) with the smaller diameter side on the turbo inlet with the supplied #48 clamp (11) and tighten the clamp using an 8mm nut driver.

Step 13: Place the other supplied #48 clamp (12) onto the other end of the coupling but do not tighten at this time.

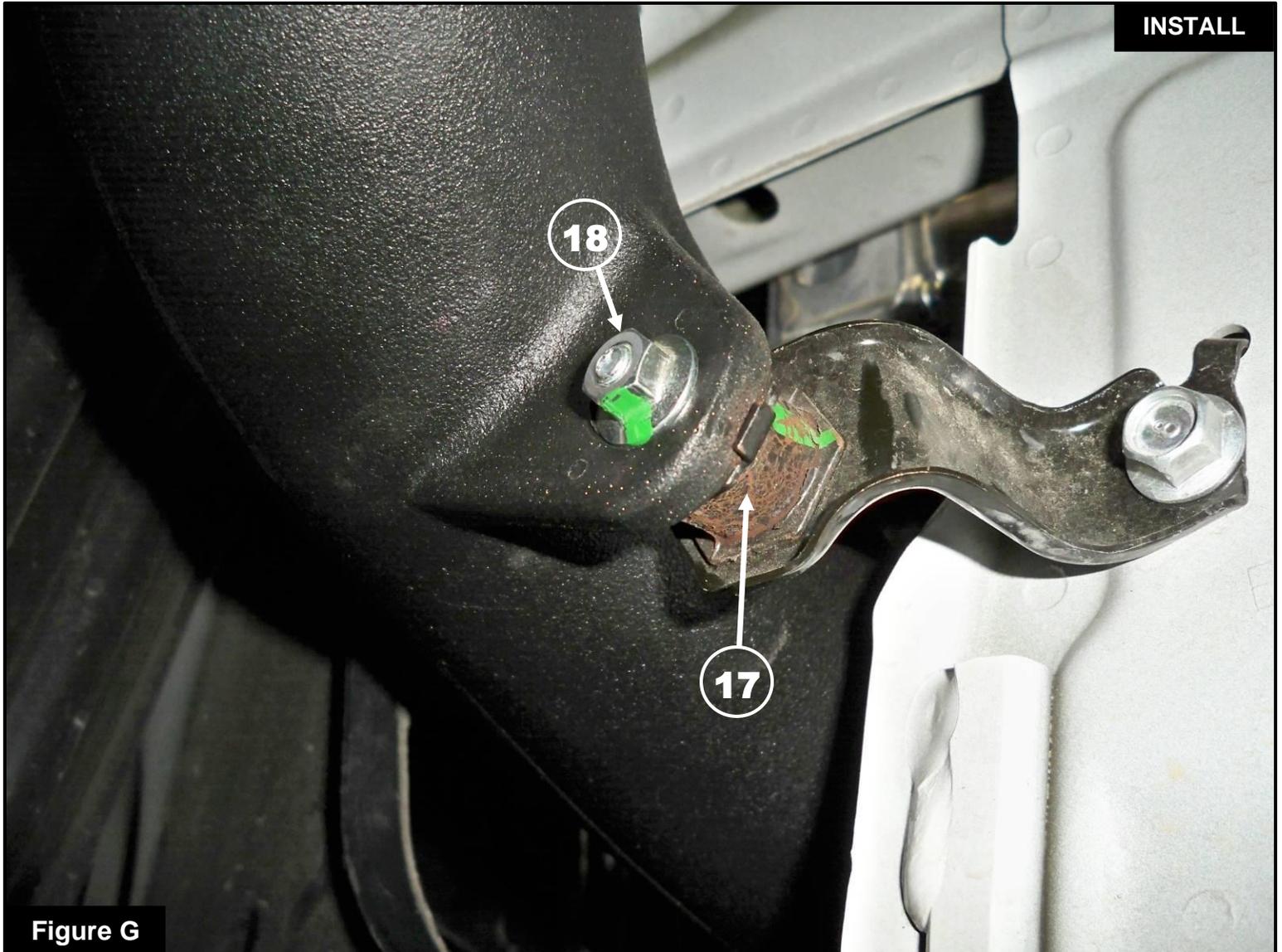
**Figure F****Refer to Figure F for Steps 14-17**

Step 14: Using a #2 Phillips head screwdriver, remove the MAF sensor (13) from the factory airbox.

Step 15: Use a Torx T20 driver to install the MAF sensor on the Takeda intake tube with the supplied M4 screws (14).

Step 16: Connect the provided MAF harness extension (15) to the MAF sensor.

Step 17: Install the supplied push mount cable tie (16) into the brass insert on the Takeda intake tube and secure the MAF harness.

**Figure G****Refer to Figure G for Steps 18-21**

Step 18: Install the Takeda intake tube into the coupling first and snug but do not tighten the clamp.

Step 19: Attach the rubber isolator stud (17) through the mounting tab on the Takeda intake tube.

Step 20: Secure the Takeda intake tube using the nut (18) removed in Step 10, using a 10mm socket and driver tighten the nut.

Step 21: Using an 8mm nut driver, tighten the clamp at the coupling.

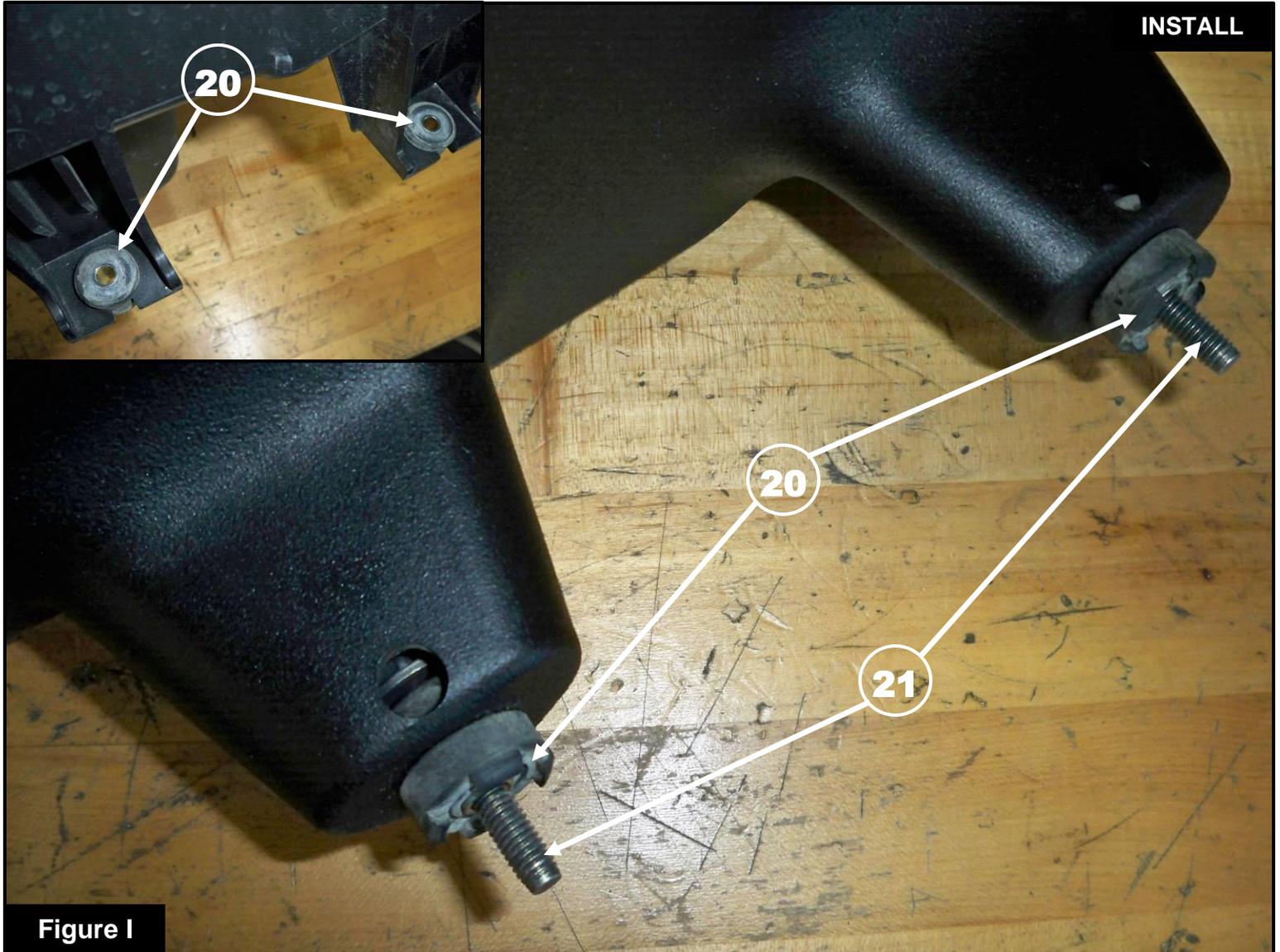


Figure H

Refer to Figure H for Steps 22-23

Step 22: Install the Takeda filter with clamp onto the Takeda intake tube. Tighten the clamp using an 8mm nut driver.

Step 23: Connect the MAF harness extension to the factory harness (19).



Refer to Figure I for Steps 24-26

Step 24: Remove the metal sleeves and isolators (20) from the factory airbox. Note that the thicker side of the isolator faces the bottom of the housing.

Step 25: Install the metal sleeves and isolators into the Takeda housing as shown.

Step 26: Install the two screws (21) removed on Step 7, through to the metal sleeves and isolators from the inside the Takeda housing.



Refer to Figure J for Steps 27-29

Step 27: Install the Takeda housing onto the Takeda air filter and make sure the filters snaps in place. Make sure the housing mounting pin is aligned and all the way through the isolator.

Step 28: Using a 10mm socket, extension, and driver, use the screw access holes (22) to secure the Takeda housing in place with the two mounting screws.

Step 29: Plug the screw access holes with the supplied plugs (23).

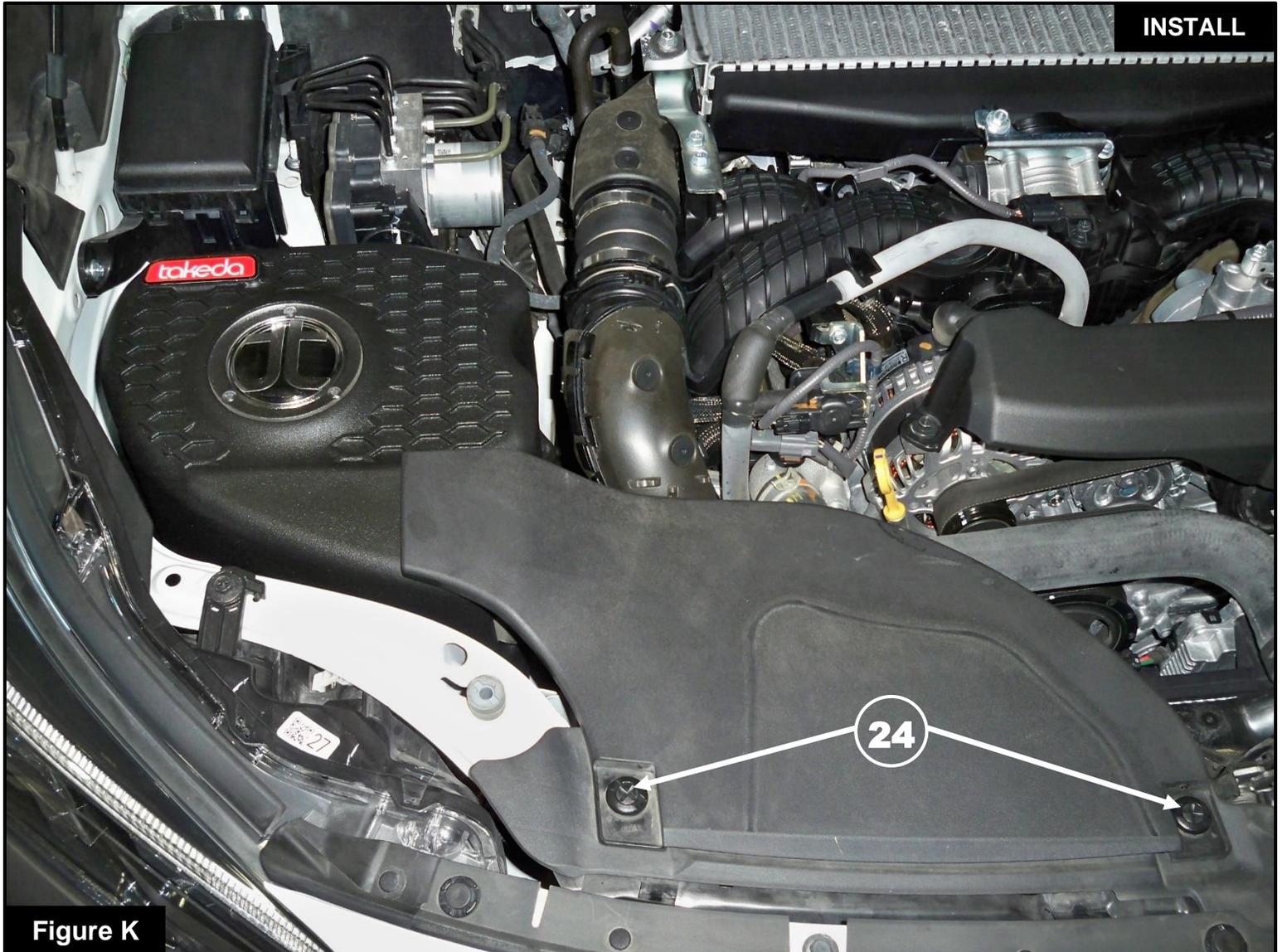


Figure K

Refer to Figure K for Steps 30-31

Step 30: Install the air intake scoop using the clips ②4 removed in Step 1.

Step 31: Check all the components are tight and secure. Your installation is now complete. Thank you for choosing aFe POWER!

NOTE: Check all bolts, clamps, and connectors after 100-200 miles.



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