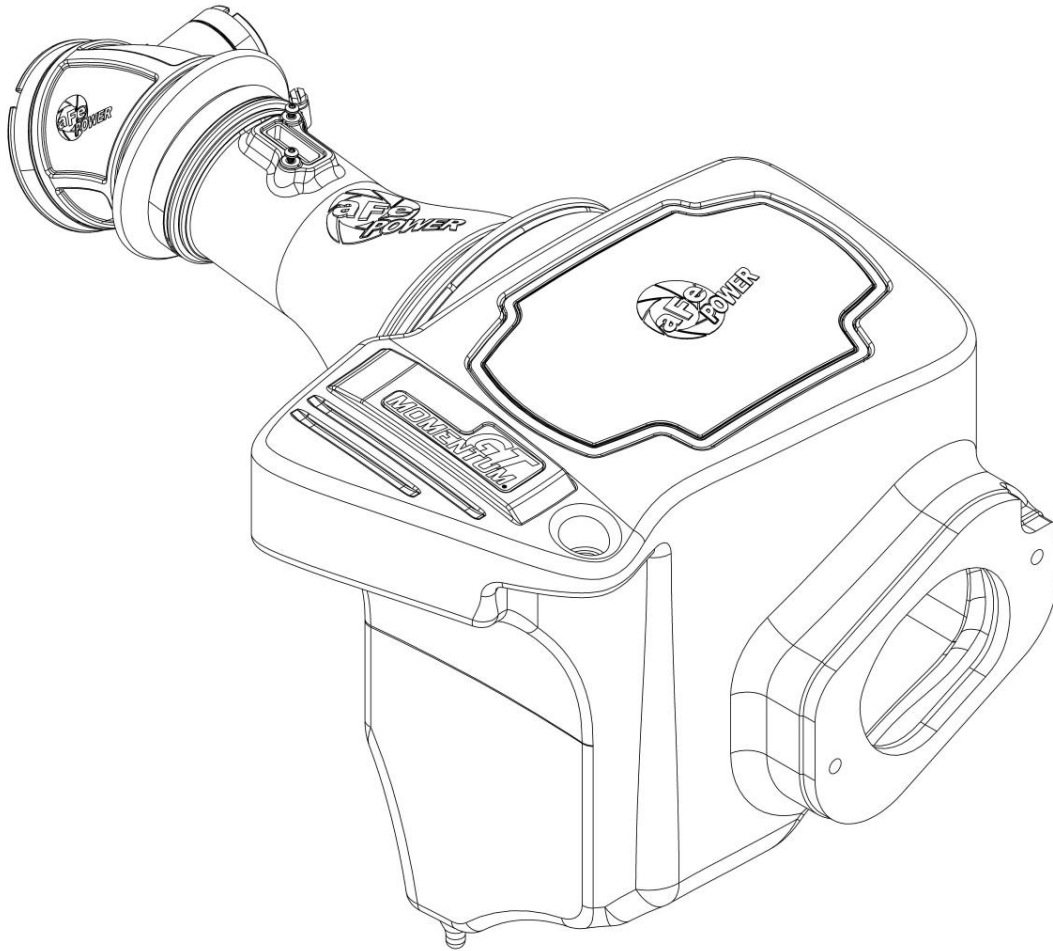
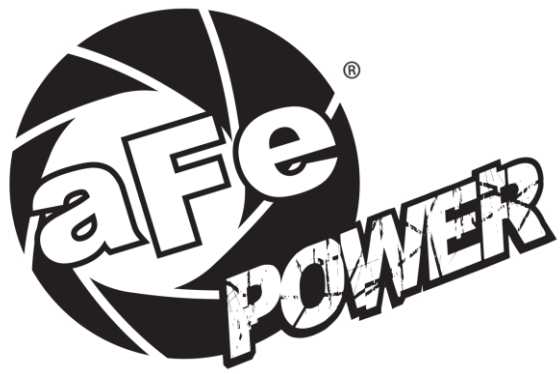




advanced FLOW engineering

Momentum GT Cold Air Intake System

Instruction Manual P/N: 50-70130DR

Make: **NISSAN**

Model: **ARMADA (Y63)**

Year: **2025-2027**

Engine: **V6-3.5L(tt)**

Make: **NISSAN**

Model: **PATROL (Y63)**

Year: **2025-2027**

Engine: **V6-3.5L(tt)**

Make: **INFINITI**

Model: **QX80 (Z63)**

Year: **2025-2027**

Engine: **V6-3.5L(tt)**



- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- For technical support please call 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)	21-91147
B	1	Air Intake Tube (Red)	05-5070130R1
C	1	Housing with clear sight window (Red)	05-5070130R2
D	1	Coupler, Silicone Bellow With Port	05-01816
E	1	Gasket, Inlet Fender	05-01818
F	1	T-bolt Clamp (8-5/16" - 8-5/8")	03-50267
G	2	Worm Clamp, 060 (3-5/16" - 4-1/4")	03-50002
H	1	Worm Clamp, Mini 024 (1-5/16" - 2")	03-50093
J	2	Screw, Torx: M4 x 10mm	03-50490
K	1	Alcohol Wipes	05-01716

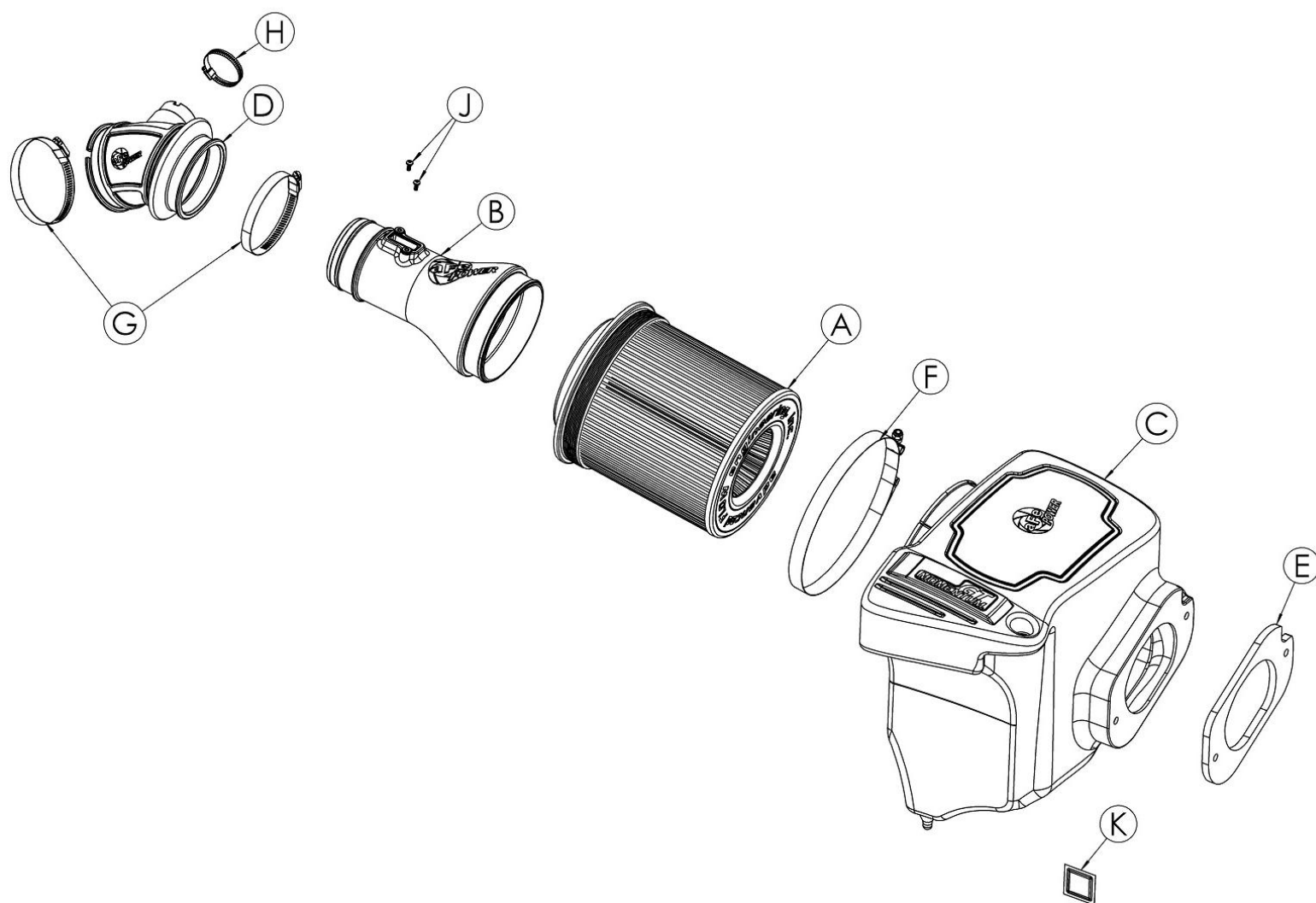
Installation will require the following tools:

7mm and 8mm nut driver or socket, 10mm socket, 11mm socket and ratchet, 6" extension, Clip removal tool, T20 torx bit, Phillips screwdriver and Flat Head Screwdriver.

Warranty information available at <https://afepower.com/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.





Refer to Figure A for Step 1

Step 1: Remove the engine cover by pulling upward to release it from the mounting grommets.

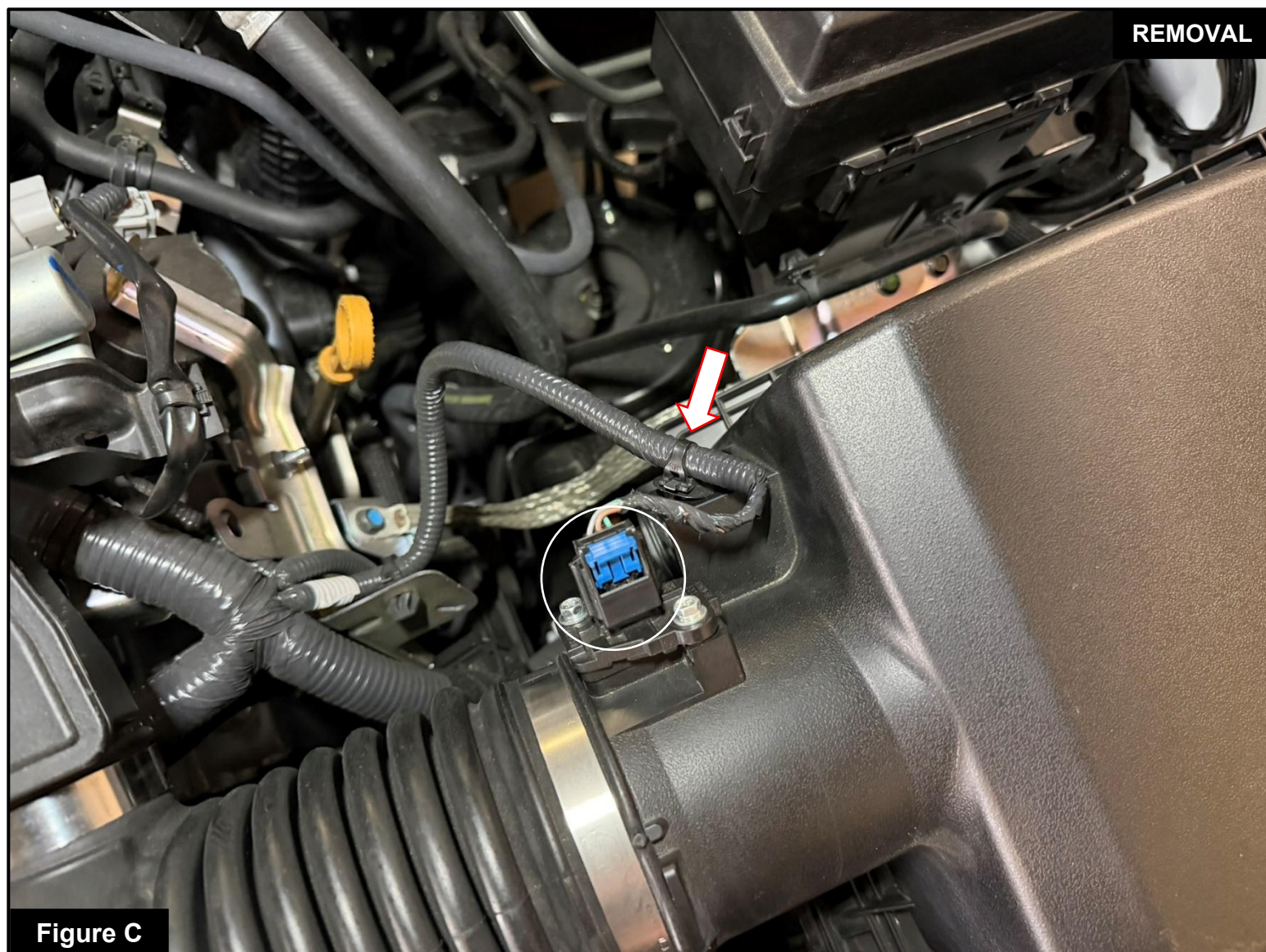


Figure B

Refer to Figure B for Steps 2-3

Step 2: Using an 8 mm nut driver, loosen the clamp on the turbo inlet and the resonator.

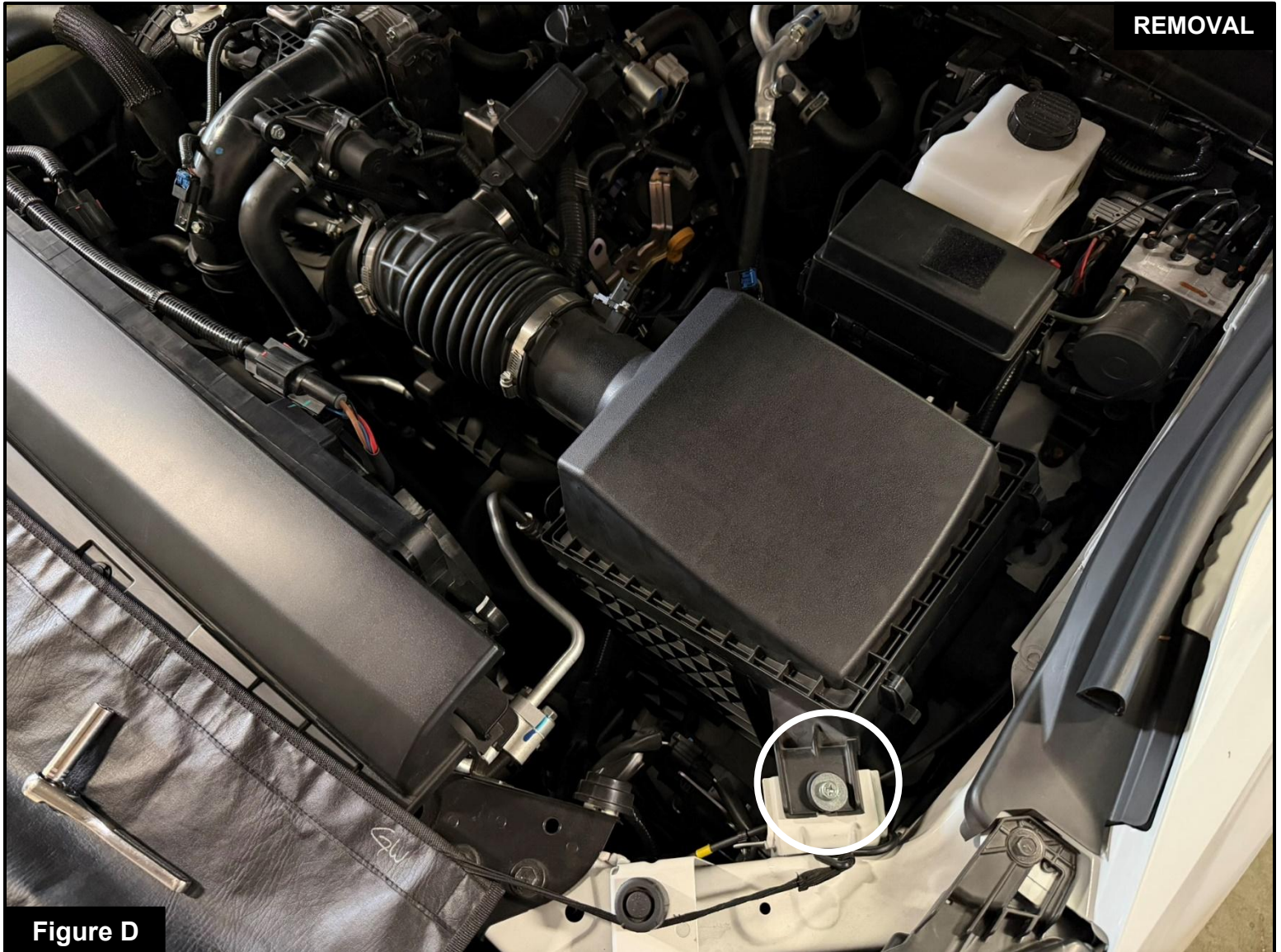
Step 3: Using a 10 mm socket, remove the screw holding the resonator.



Refer to Figure C for Steps 4-5

Step 4: Disconnect the MAF sensor harness by lifting the locking tab and unplugging the connector.

Step 5: Using a clip removal tool, release the wiring harness from the factory airbox.



Refer to Figure D for Step 6

Step 6: Using a 10mm socket, remove the screw securing the factory airbox.

REMOVAL



Figure E

Refer to Figure E for Step 7

Step 7: Using a clip removal tool, remove the two clips securing the side inlet duct and remove the inlet duct.



Refer to Figure F for Step 8

Step 8: Transfer the factory grommet and metal sleeve from the factory housing to the Momentum GT housing.

**Figure G****Refer to Figure G for Step 9**

Step 9: Using the provided alcohol wipe, clean the side inlet sealing surface on the housing. Install the supplied foam gasket once the surface is dry.

**Figure H****Refer to Figure H for Step 10**

Step 10: Using a 7mm socket or Phillips screwdriver, remove the MAF (Mass Air Flow) sensor from the factory airbox. Transfer the sensor to the aFe POWER intake tube and secure it using the supplied screws. Tighten the screws with a T20 Torx driver.



Figure J

Refer to Figure J for Steps 11-12

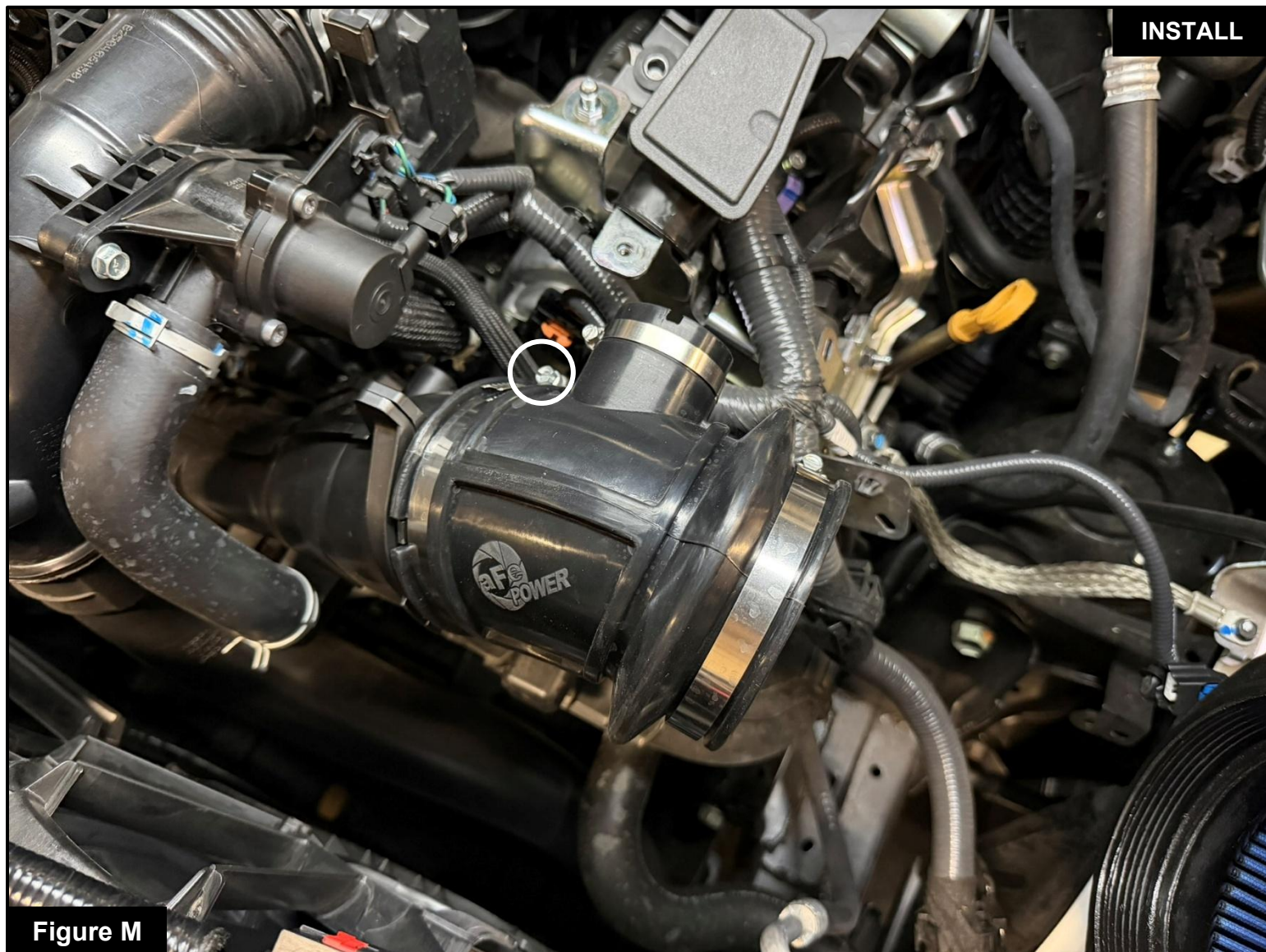
Step 11: Install the Momentum GT housing into the vehicle, ensuring the locating pegs align with the factory grommets.

Step 12: Re-install the screw removed in Step 6 and tighten it using a 10mm socket.


Figure K

Refer to Figure K for Step 13

Step 13: Install air filter into the housing and place the bigger T-bolt clamp onto the housing flange, and the smaller T-bolt clamp onto the air filter flange. Do not tighten clamps at this time.



Refer to Figure M for Steps 14-16

Step 14: Pre-install all clamps onto the silicone coupler.

Step 15: Install the coupler onto the turbo inlet, ensuring the alignment notch is properly seated.

Step 16: Using an 8mm nut driver, tighten the turbo inlet side ONLY.



Figure N

Refer to Figure N for Steps 17-19

Step 17: Install the aFe POWER intake tube into the coupler, then slide the opposite end into the air filter.

Make sure the MAF sensor is facing up.

Step 18: Verify the coupler, tube and air filter are aligned correctly, then using an 11mm socket or nut driver, tighten the clamp on the housing and air filter.

Step 19: Using an 8 mm socket or nut driver, tighten the clamp between the tube and the coupler.



Figure P

Refer to Figure P for Step 20

Step 20: Reconnect the MAF sensor by plugging it in until it clicks and lock it by pushing down on the blue tab.

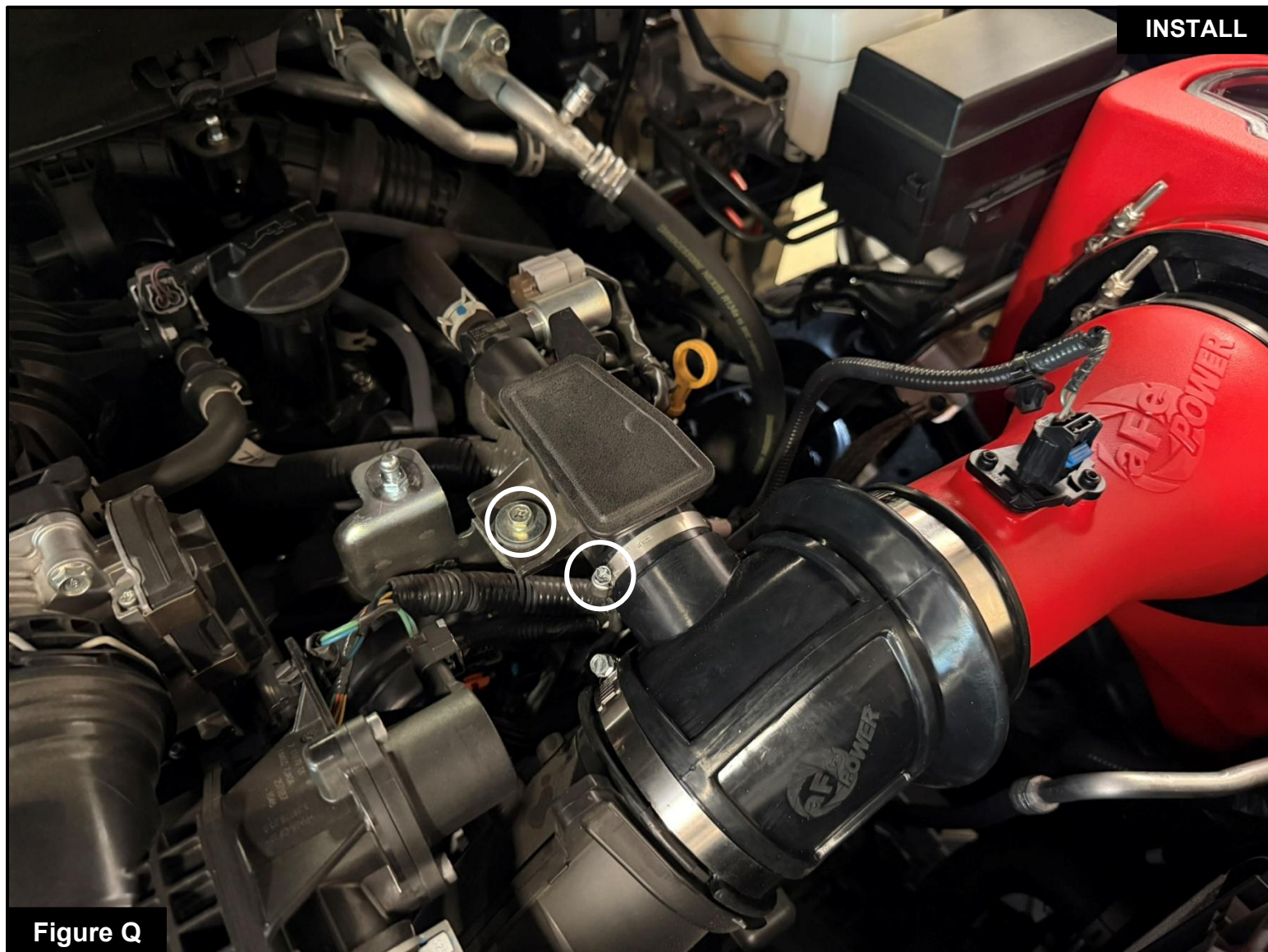


Figure Q

Refer to Figure Q for Steps 21-23

Step 21: Connect the resonator into the coupler, ensure to align the coupler notch properly.

Step 22: Reinstall the screw removed in Step 3 and tighten it using a 10mm socket.

Step 23: Tighten the clamp between the coupler and the resonator.



Figure R

Refer to Figure R for Step 24

Step 24: Reinstall the engine cover by aligning it with the mounting grommets and pressing downward until fully seated.

Your installation is now complete. Thank you for choosing aFe POWER!

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



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