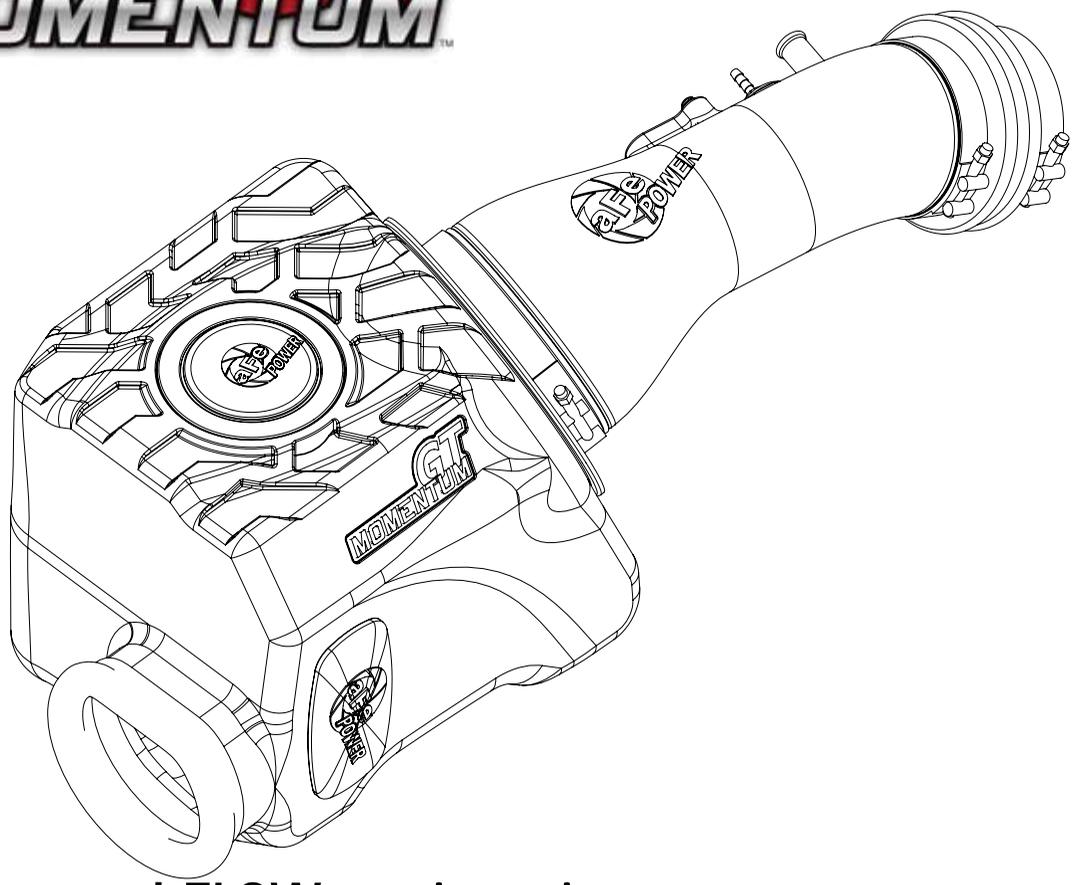




GT
MOMENTUM™



advanced FLOW engineering

Cold Air Intake System

Instruction Manual P/N: 50-70022D / 50-70022R

Make: **Lexus**

Model: **GX 460**

Year: **2010-2023**

Engine: **V8-4.6L**



- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call technical support at 951-493-7100 or e-mail tech@afepower.com.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect both the negative battery terminal before proceeding.

Retain factory parts for future use.

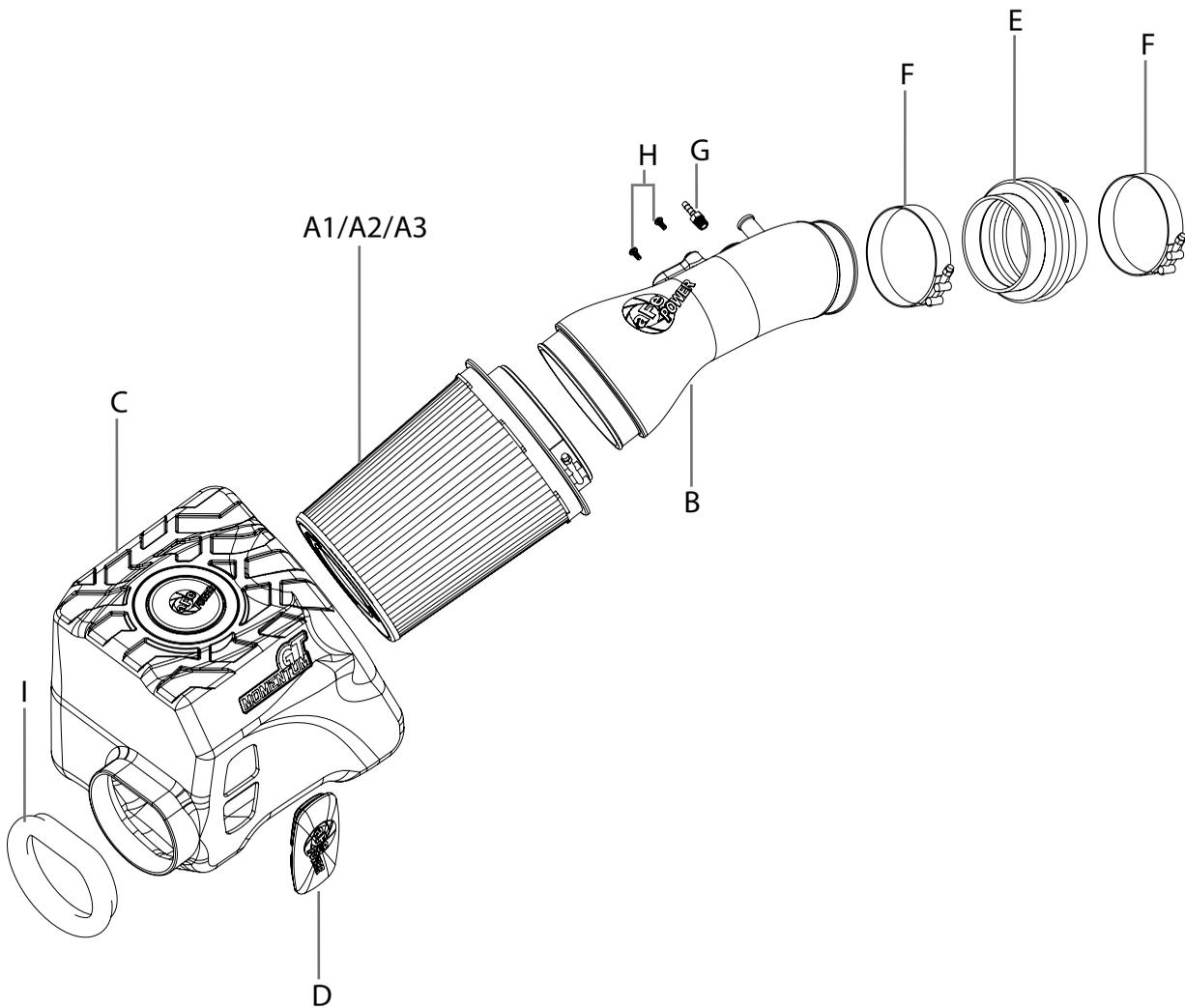
Label	Qty.	Description	Part Number
A1	1	Pro DRY S (Gray Media)	21-91141
A2	1	Pro 5R (Blue Media)	24-91141
B	1	Tube	05-5070022B1
C	1	Housing	05-5070022B2
D	1	Plug, Silicone	05-01429
E	1	Coupling, Silicone Bellow	05-01389
F	2	Clamp, T-bolt	03-50498
G	1	Nipple, Brass: 3/16"	03-50191
H	2	Screw, Torx: M4	03-50491
I	1	Seal, Trim: 3/4" (16" inches)	05-00007

Installation will require the following tools:

#2 Phillips screwdriver, T20 Torx driver, 10mm nut driver, 11mm deep socket, 12mm socket and driver, 12" driver extension, 11mm wrench or adjustable wrench.

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.





FigureA

Refer to Figure A for Step 1

Step 1: Remove the engine cover by lifting up on the front until it disengages the mounting grommets, then pulling towards the front of the vehicle.

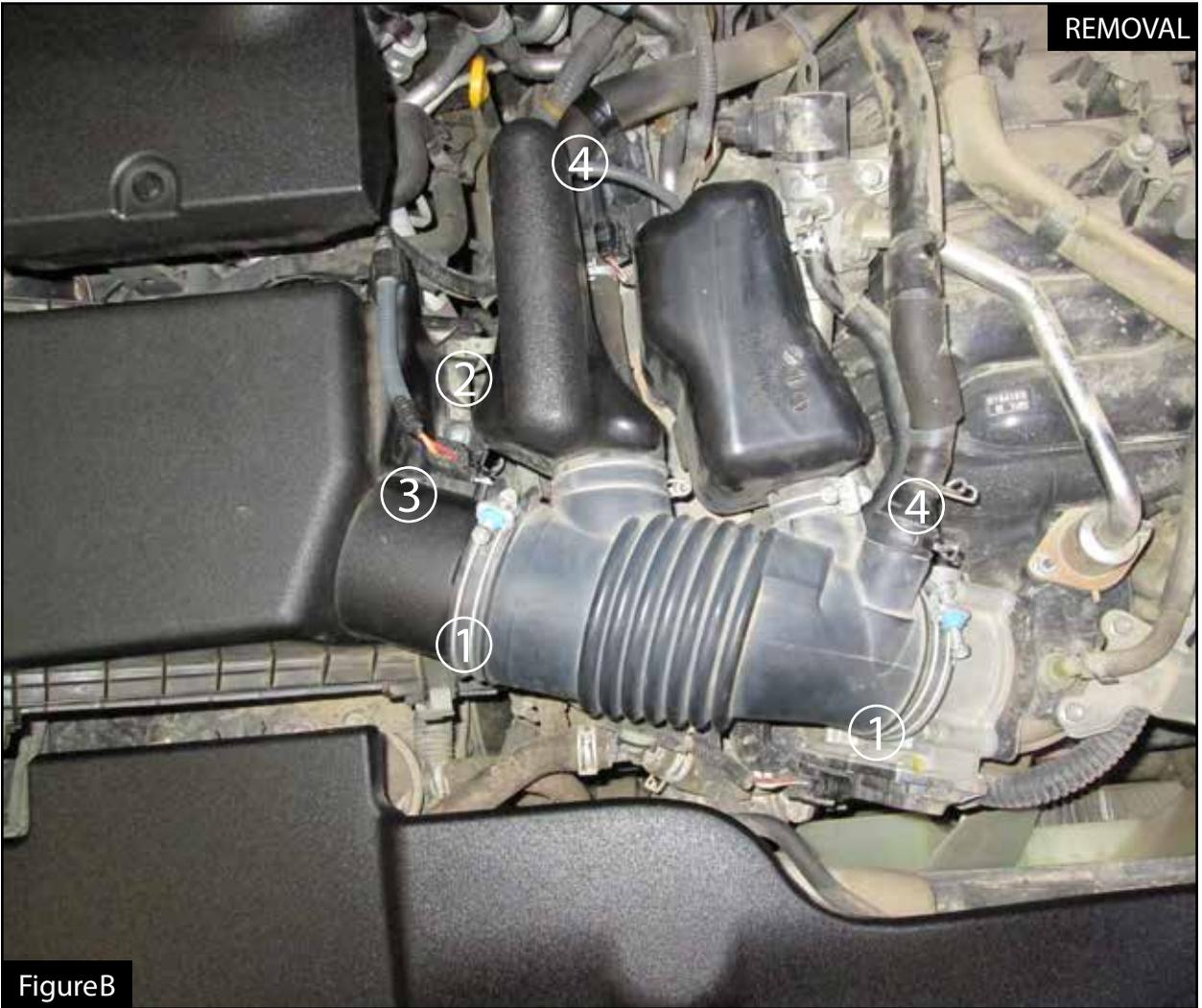


Figure B

Refer to Figure B for Steps 2-3

Step 2: Using a 10mm nut driver, loosen the factory clamps (1) at the throttle body and airbox, and remove the retaining screw (2) at the airbox.

Step 3: Disconnect the Mass Airflow Sensor (3), and both vent hoses (4). Remove the factory intake tube and set aside.



FigureC

Refer to Figure C for Step 4

Step 4: Disengage the four (4) clamps⑤ on the sides of the factory airbox and remove the MAF wire harness clip⑥. Remove the top half of the airbox and the factory air filter.



Figure D

Refer to Figure D for Step 5

Step 5: Using a 12mm socket and driver, remove the three (3) screws ⑦ securing the factory airbox and set them aside. Remove the bottom half of the airbox from the vehicle.



Refer to Figure E for Step 6

Step 6: Transfer the three (3) rubber grommets and steel inserts (8) from the factory airbox into the aFe POWER airbox as shown.

INSTALL



Figure F

Refer to Figure F for Step 7

Step 7: Install the supplied seal trim onto the aFe POWER airbox. Trim to fit.



FigureG

Refer to Figure G for Step 8

Step 8: Install the aFe POWER airbox into the vehicle using the three (3) screws (9) removed in Step 5. Tighten using a 12mm socket and driver. A 12" extension will be needed to reach the rear most mounting point.



Figure H

Refer to Figure H for Steps 9-10

- Step 9: Using a #2 Phillips screwdriver, remove the MAF sensor (10) from the top of the factory airbox and transfer it into the aFe POWER intake tube. Secure the sensor in the aFe POWER intake tube using the supplied M4 screws and a T20 Torx driver.
- Step 10: Install the brass hose fitting (11) into the aFe POWER intake tube and tighten using an 11mm wrench or adjustable wrench.

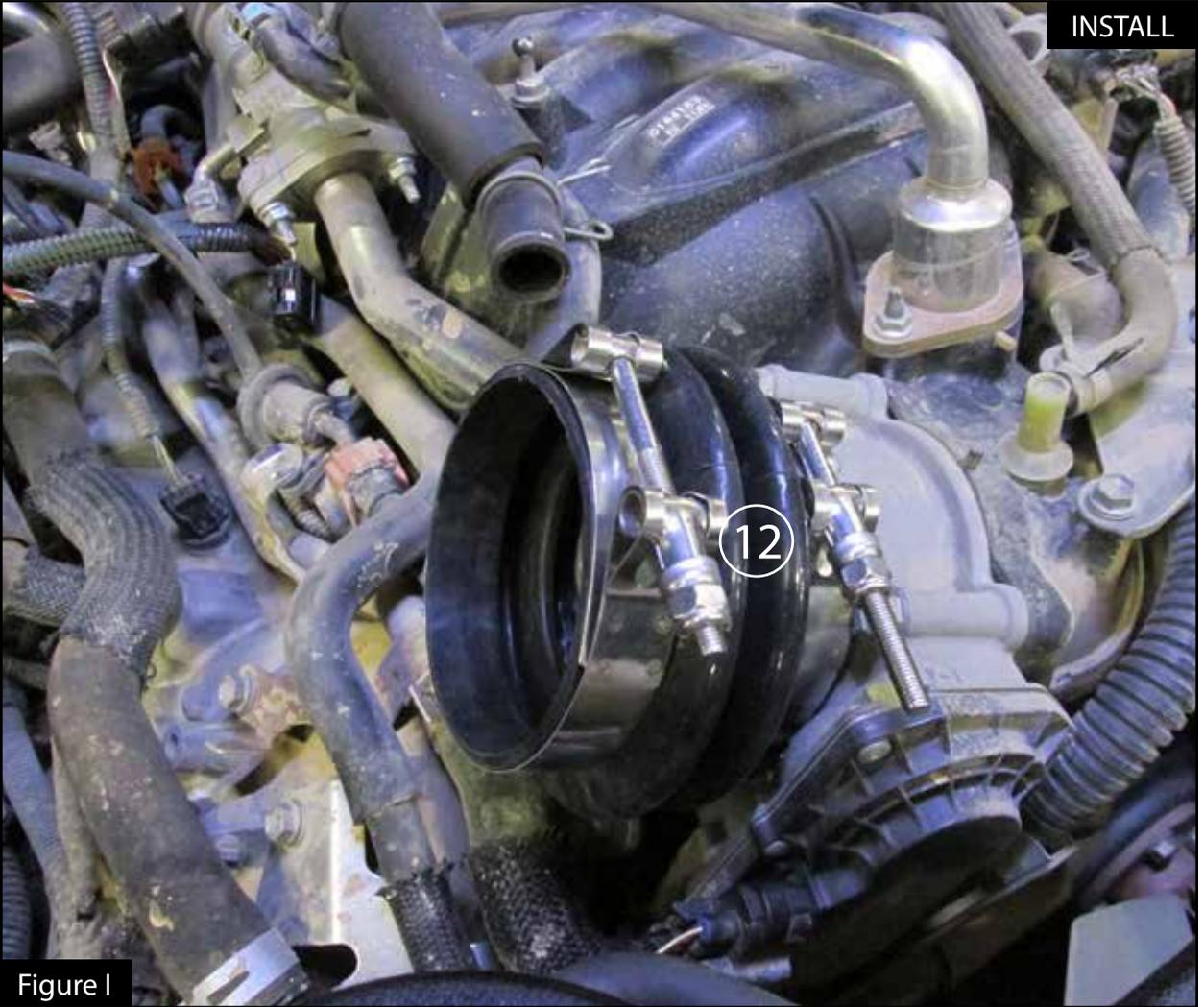


Figure I

Refer to Figure I for Step 11

Step 11: Install the supplied coupler and one clamp (12) onto the throttle body and tighten the clamp using an 11mm deep socket and driver. Place the 2nd clamp onto the end of the coupler and do not tighten.



Figure J

Refer to Figure J for Step 12

Step 12: Install the aFe POWER air filter and clamp into the airbox in the vehicle.



Figure K

Refer to Figure K for Steps 13-14

Step 13: Install the aFe POWER intake tube into the vehicle by sliding the tube into the coupler on the throttle body first, then into the filter. Tighten all clamps as shown above using an 11mm deep socket and driver.

Step 14: Connect the crank case vent hose (13) and 5/32" vacuum line (14) to the aFe POWER intake tube. Reconnect the MAF sensor wire harness (15).



Figure L

Refer to Figure L for Step 15
Step 15: Reinstall the engine cover.



Figure M

Refer to Figure M for Step 16

Step 16: Use the provided plug (16) to close the additional air inlet if you want to completely seal the airbox. Best performance is obtained without the plug. Check that all 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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advanced FLOW engineering, inc.
252 Granite Street Corona, CA 92879
<https://afepower.com/contact>