

advanced FLOW engineering Momentum GT Cold Air Intake System

Instruction Manual P/N: 50-70069D / 50-70069R

Make: Ford

Model: Super Duty F-250/F350

Year: 2020-2021

Engine: V8-6.2L



- 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.

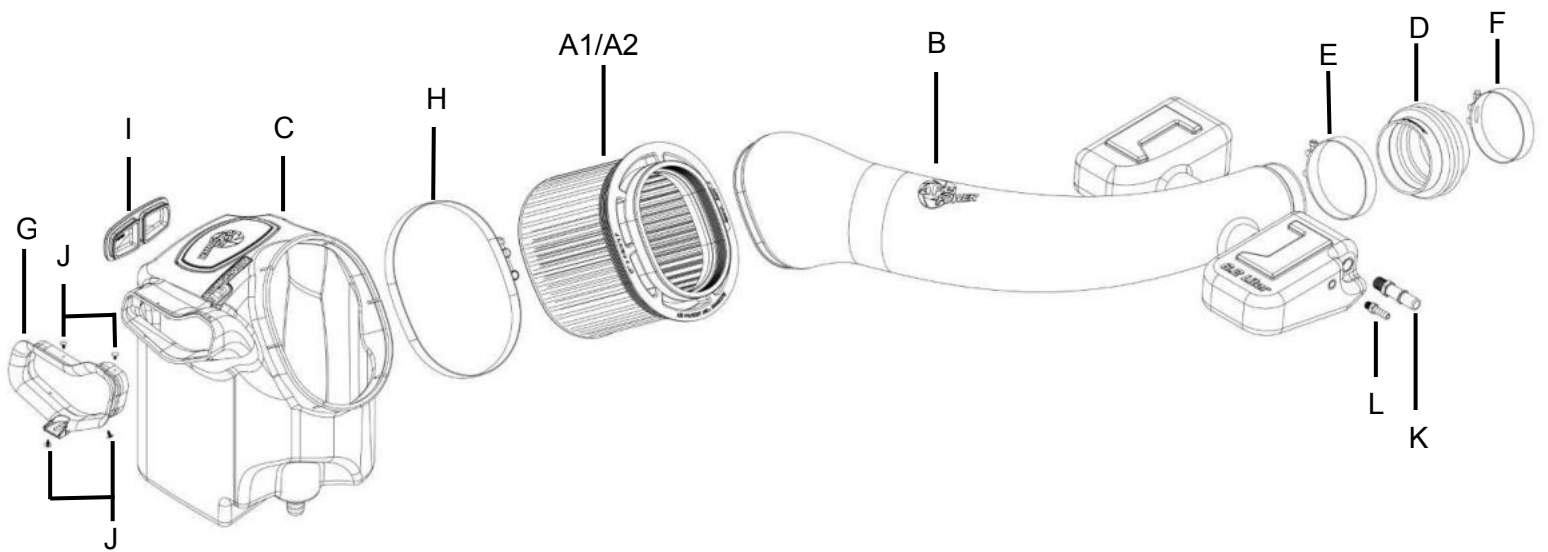
Label	Qty.	Description	Part Number
A1	1	Air Filter (Pro 5R)	24-91061
A2	1	Air Filter (Pro DRY S)	21-91061
B	1	Tube	05-5070069B1
C	1	Housing	05-5070058B2
D	1	Coupling, Silicone Bellows	05-01508
E	1	Clamp, T-bolt (3-13/16" - 4-1/8")	03-50265
F	1	Clamp, T-bolt (3-9/16"-3-7/8")	03-50498
G	1	Seal, Trim	05-01553
H	1	Clamp, T-bolt (8-5/16" - 8-5/8")	03-50267
I	1	Plug, Silicone	05-01429
J	4	Retainer Clip	05-01554
K	1	Fitting, SAE 15.82 - 5/8" to 3/8" NPT	05-01339
L	1	Fitting, 5/16ID Hose x 1/8" NPT	03-50192

Installation will require the following tools:

Panel clip remover, 7mm nut driver, 11mm deep socket and driver, 7/16" and 20mm wrenches or adjustable wrench, pliers

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**

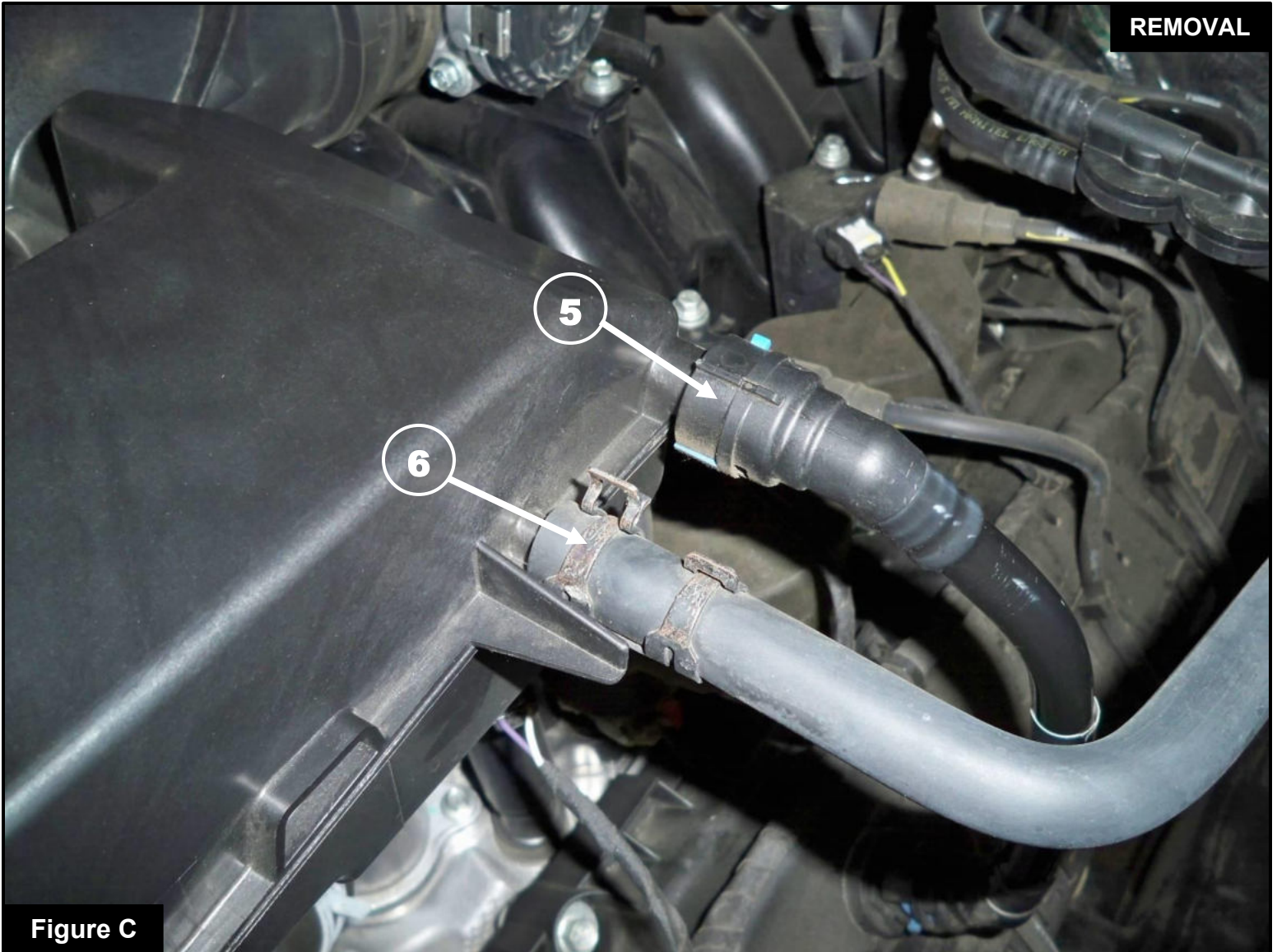
Step 1: Using a panel clip remover, remove the retaining plastic clip ① holding part of the scoop seal down and set aside for later use.

Step 2: Unclip the three taps ② from the factory air filter cover.

**Figure B****Refer to Figure B for Steps 3-4**

Step 3: Using a 7mm nut driver, loosen the clamp ③ at the throttle body.

Step 4: Using a panel clip remover, disconnect the coolant hose clip ④ and position the coolant hose aside.

**Figure C****Refer to Figure C for Steps 5-7**

Step 5: Disconnect the quick release coupling (5).

Step 6: Using a pair of pliers, remove the clamp and vacuum hose (6).

Step 7: Remove the factory air filter cover/intake tube assembly.



REMOVAL

Figure D

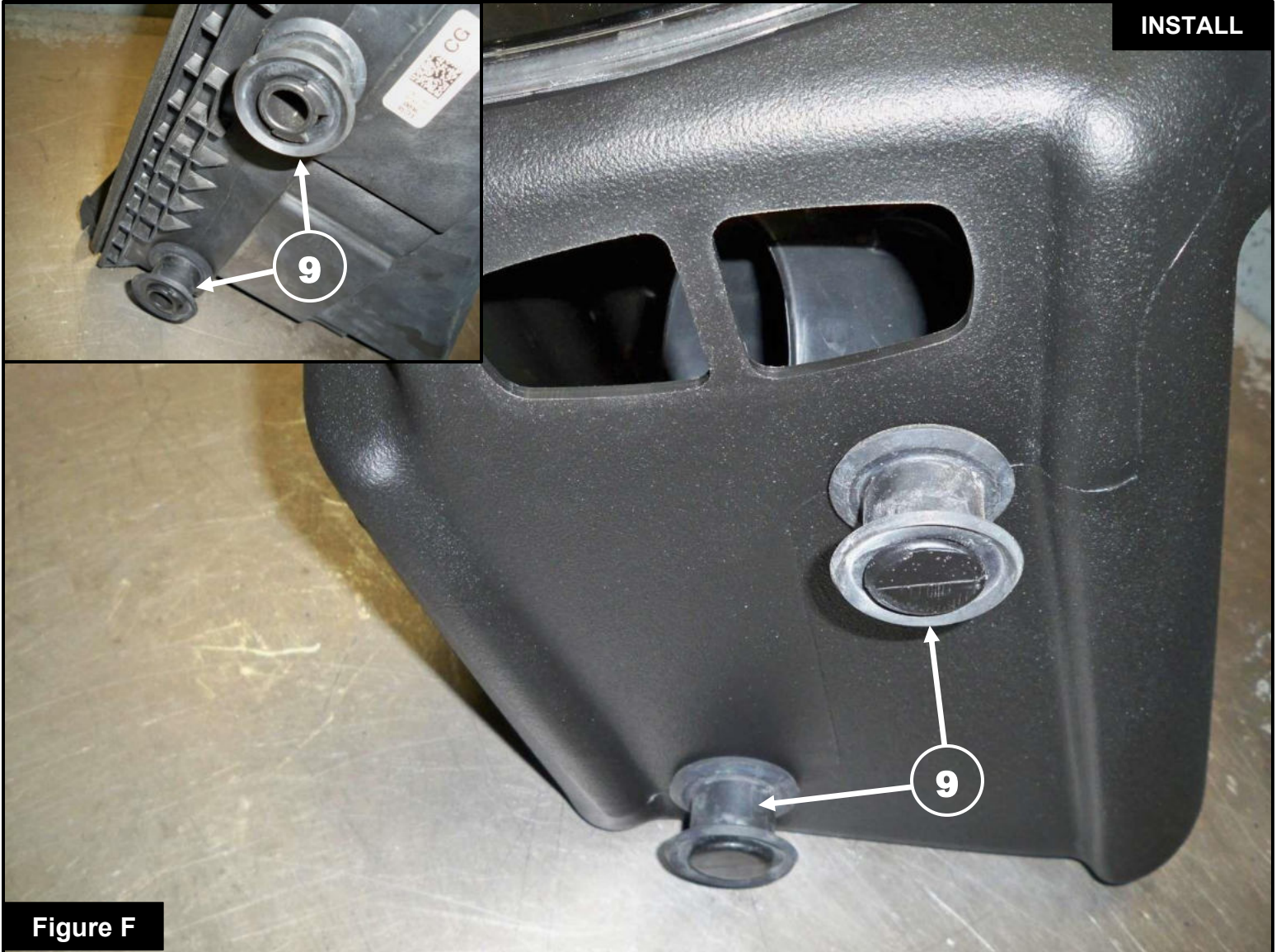
Refer to Figure D for Step 8

Step 8: Remove the factory lower air filter housing by pulling it straight up from its mounting grommets.

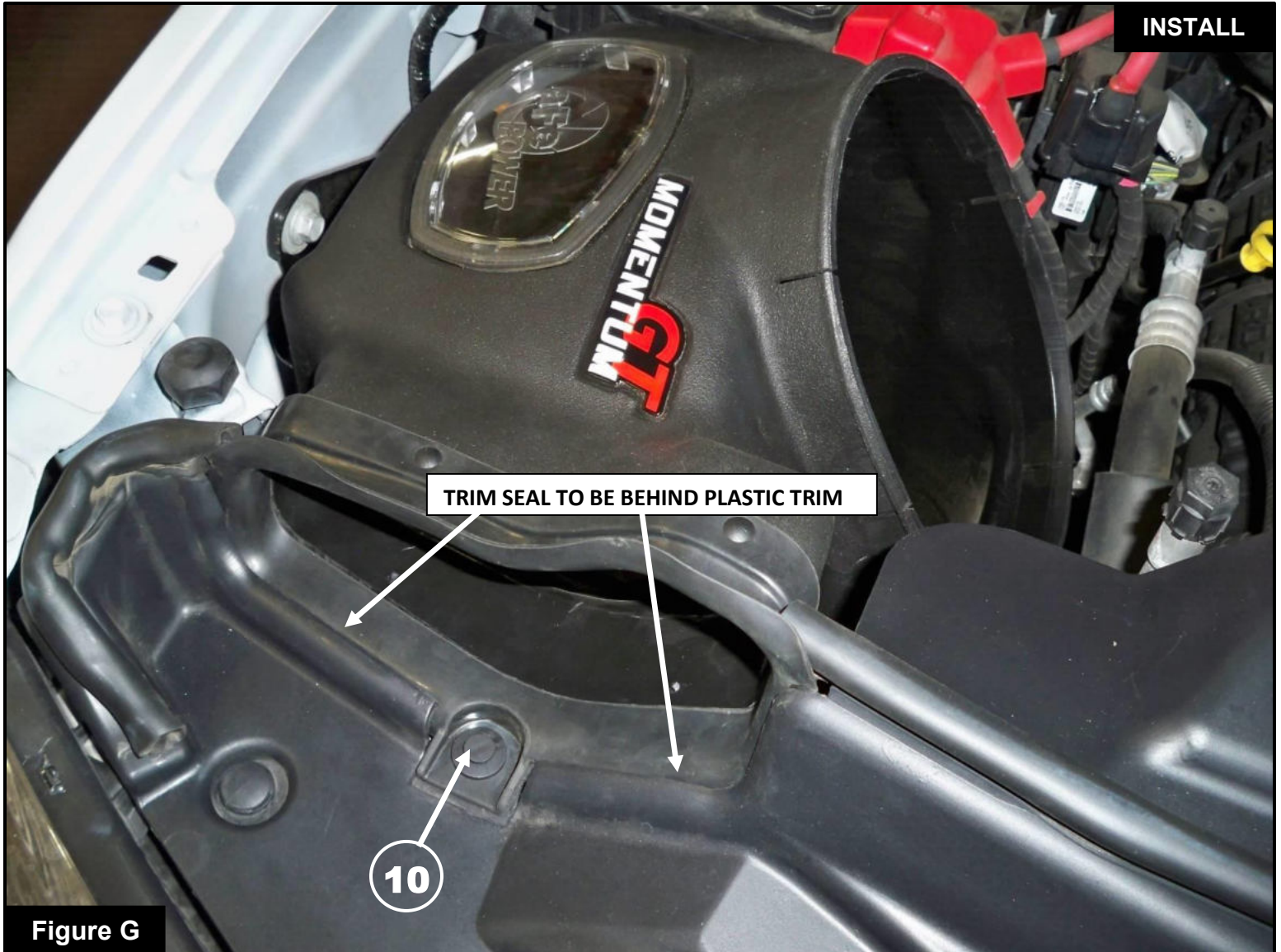
**Figure E****Refer to Figure E for Steps 9-10**

Step 9: Place the scoop seal trim (7) on the scoop opening of the aFe POWER housing.

Step 10: Align the holes from the scoop seal trim and the aFe POWER housing. Insert all four retainer clips (8) fully into the cavities and make sure the seal trim is secure to the aFe POWER housing.

**Figure F****Refer to Figure F for Step 11**

Step 11: Remove the two grommets ⑨ from the lower air filter housing and install them onto the aFe POWER housing. Make sure they are fully seated past the bead.

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

Step 12: Install the aFe POWER housing on to vehicle. Make sure the bottom mounting pin is fully seated in the mounting grommet and the two side mounting pins with grommets are fully engaged on the mounting bracket.

Step 13: Make sure the scoop seal trim seats behind the plastic trim cover (please see picture). Install the retaining plastic clip (10) removed on step 1 to secure the trim seal.

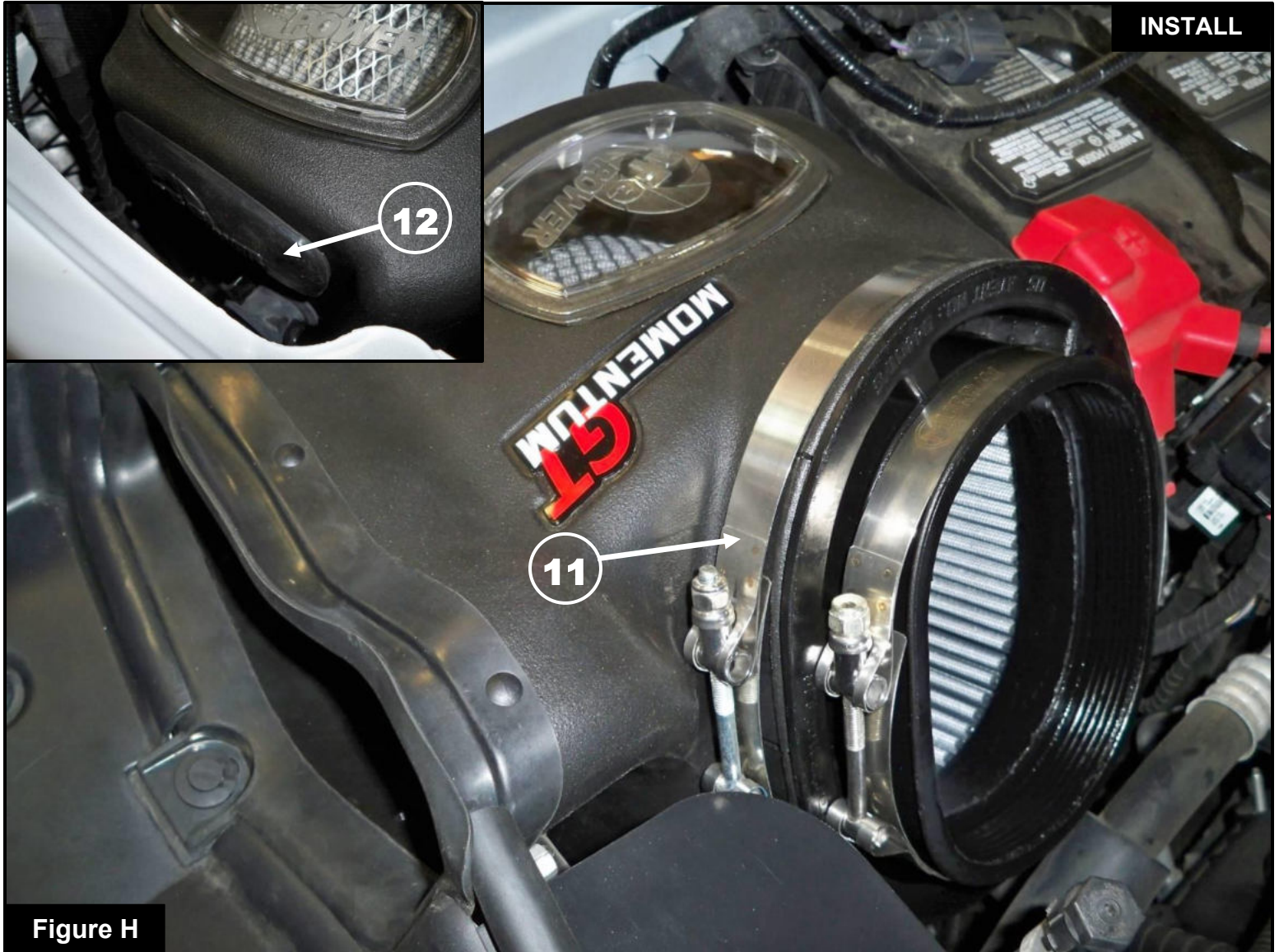


Figure H

Refer to Figure H for Steps 14-16

Step 14: Slide the large T-Bolt clamp (11) over the air filter opening on the aFe POWER housing.

Step 15: Slide the aFe POWER filter with clamp into the housing. Do not tighten the clamps.

Step 16: Use the provided plug (12) to close the additional air inlet if you want to completely seal the airbox.

Best performance gain is obtained by having more air flow (no plug).

**Figure I****Refer to Figure I for Steps 17-18**

Step 17: Place the supplied aFe POWER coupling (13) and TB387SS clamp (14) over the throttle body and tighten the clamp.

Step 18: Place the TB412SS clamp (15) on the installed coupling. Do not tighten the clamp.

**Figure J****Refer to Figure J for Steps 19-20**

Step 19: Using a 20mm wrench or adjustable wrench, install the supplied aluminum vent fitting (16) into the aFe POWER intake tube.

Step 20: Using a 7/16" wrench, install the supplied brass fitting (17) into the aFe POWER intake tube.



Figure K

Refer to Figure K for Steps 21-23

Step 21: Install the aFe POWER intake tube into the vehicle. Slide the tube into the throttle body coupling first, then into the air filter.

Step 22: Align the coupler, intake tube and clamps correctly, then using a 11mm deep socket and driver tighten all the clamps (18).

Step 23: Clip the coolant hose (19) on the aFe POWER intake tube.



Figure L

Refer to Figure L for Steps 21-24

Step 24: Reconnect the quick release coupling (20).

Step 25: Reconnect the vacuum hose (21).

Step 26: 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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