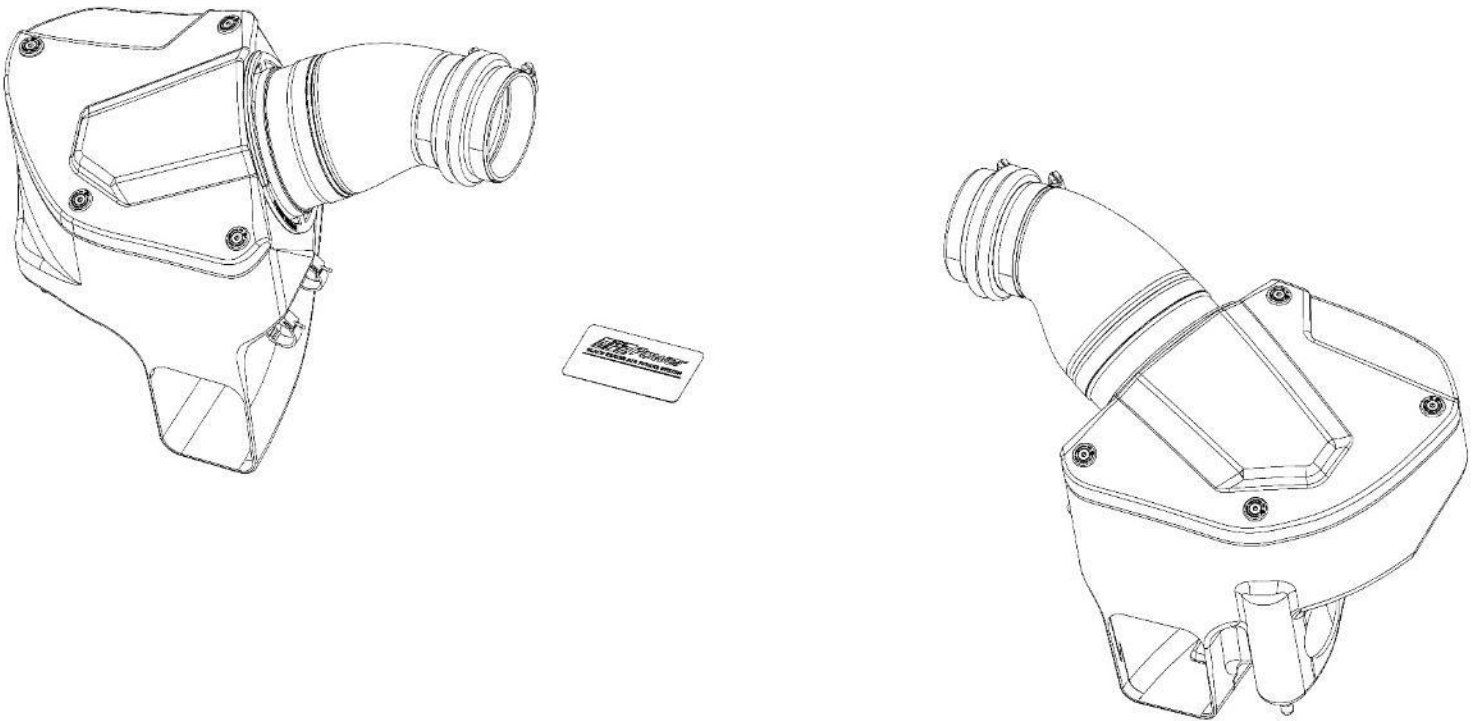




BLACK SERIES AIR INTAKE SYSTEM



advanced FLOW engineering Black Series Carbon Fiber Cold Air Intake System

Instruction Manual P/N: 58-10005D / 58-10005R

Make: BMW

Model: M5 (F90)

Year: 2018-2023

Engine: V8-4.4L(tt)



- 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 951-493-7100.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect the negative battery terminal before proceeding.
- Retain factory parts for future use.

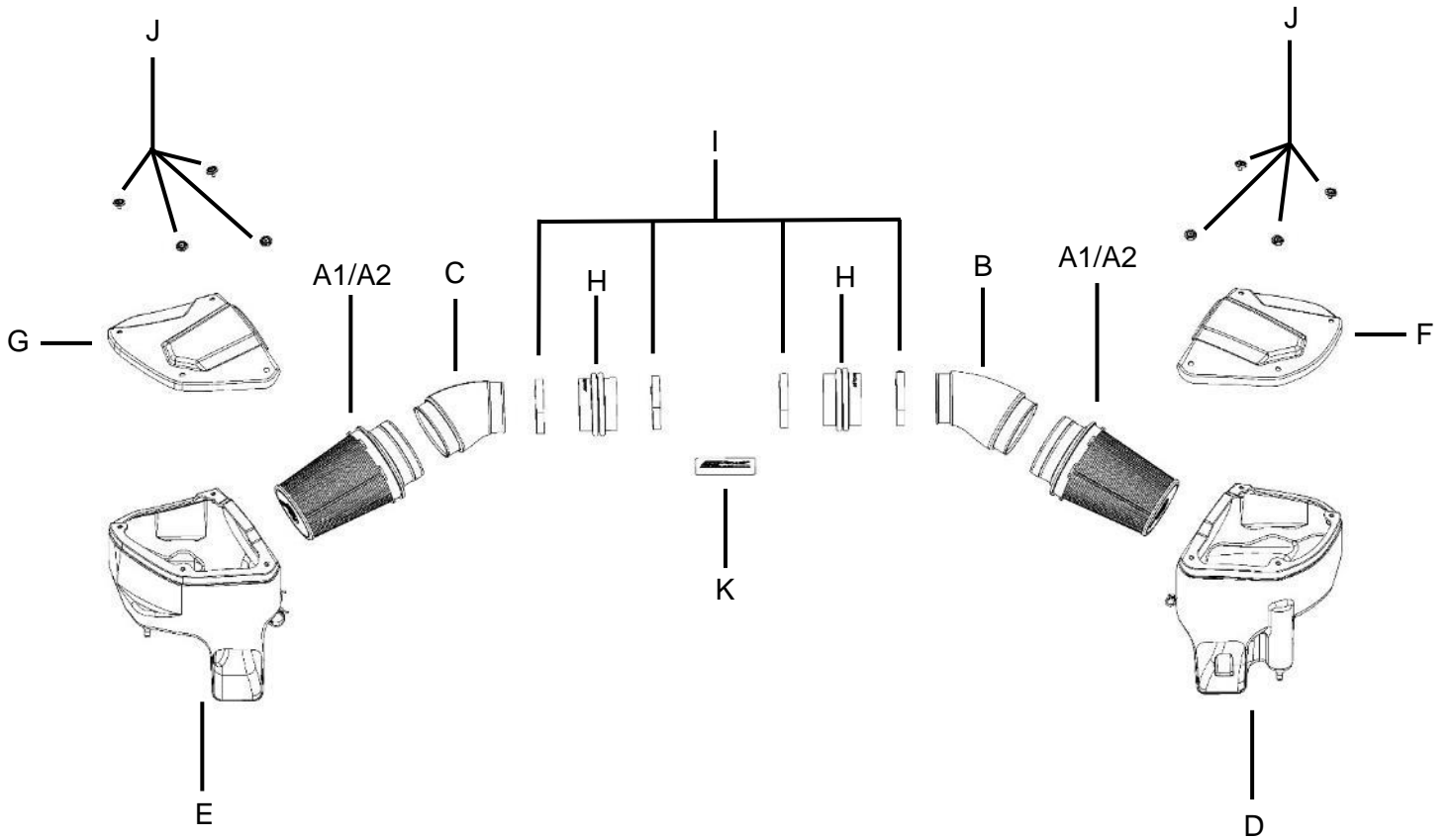
Label	Qty.	Description	Part Number
A1	2	Air Filter (Pro 5R)	24-90111
A2	2	Air Filter (Pro DRY S)	21-90111
B	1	Carbon Fiber Tube, Driver side	05-5810005C1
C	1	Carbon Fiber Tube, Passenger side	05-5810005C2
D	1	Housing, Driver side	05-5810005B3
E	1	Housing, Passenger side	05-5810005B4
F	1	Carbon Fiber Cover, Driver side	05-5810005C5
G	1	Carbon Fiber Cover, Passenger side	05-5810005C6
H	2	Bellow coupling: 3.25"ID x 2.5"L	05-01416
I	4	Clamp, 052 (2-13/16" - 3-3/4")	03-50008
J	8	Laser etched aFe POWER Screw: M6 x 12mm	03-50483
K	1	Black Series Plate	06-00142

Installation will require the following tools:

Panel clip remover, 6mm and 8mm nut driver, small flat-head screwdriver, 16mm and 18mm socket and driver or 3/8 ratchet., 3mm allen wrench.

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.



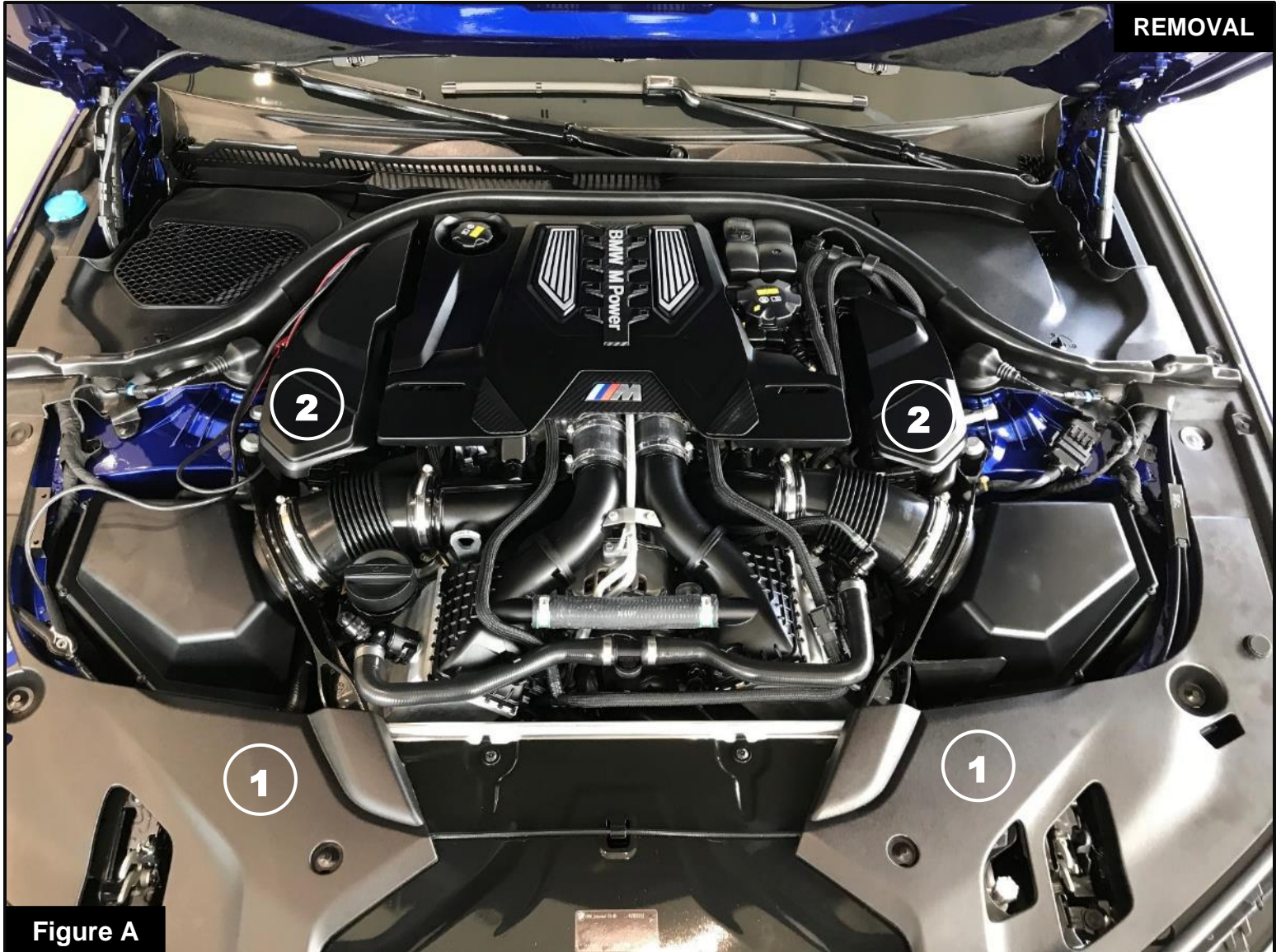


Figure A

Refer to Figure A for Steps 1-2

Step 1: Remove both engine compartment front covers (1) by removing the three push clips and sliding them out of the seal trims.

Step 2: Remove the two side engine covers (2) by simply pulling upward on them.

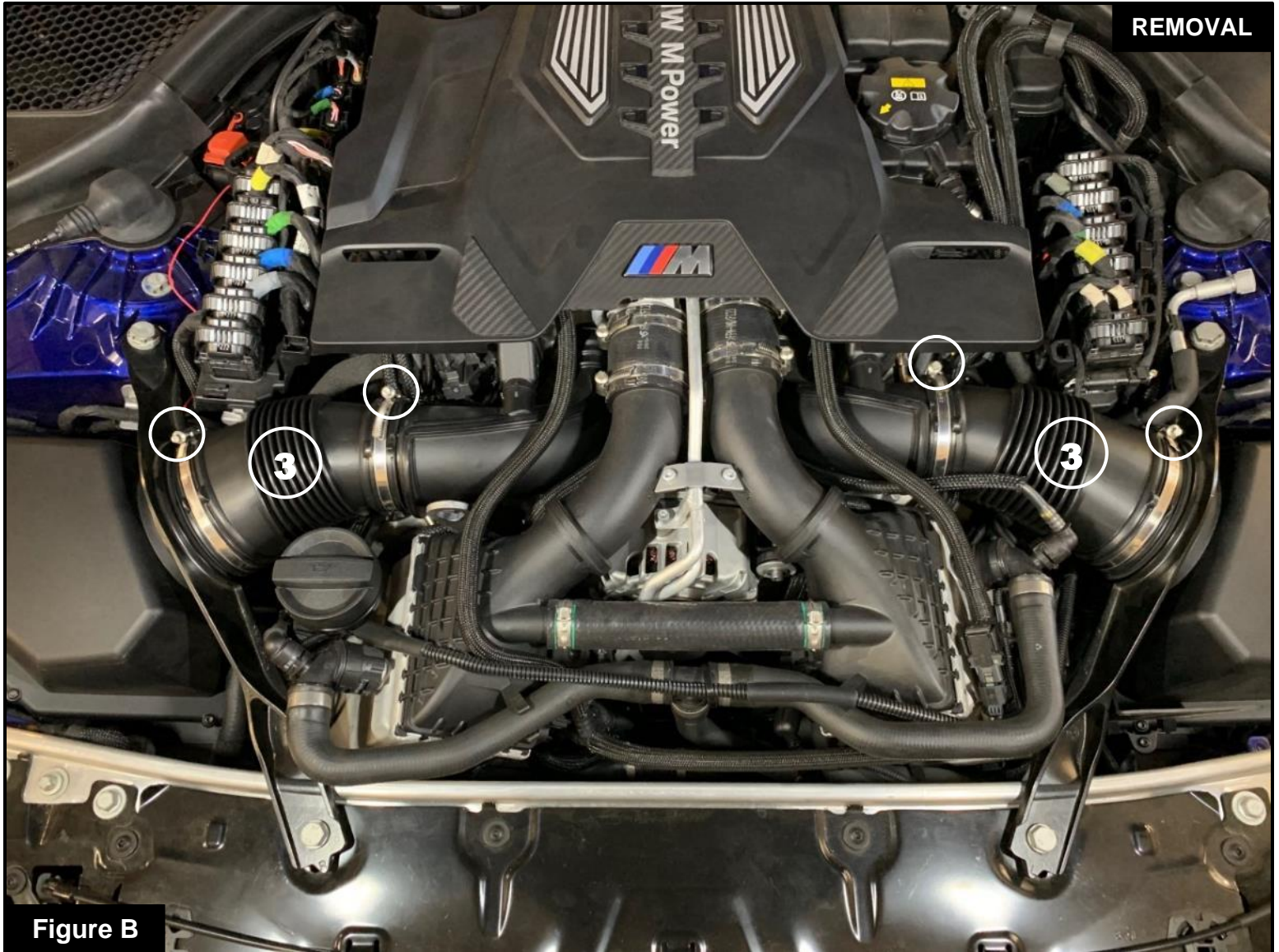


Figure B

Refer to Figure B for Step 3 - 4

Step 3: Untighten the 4 clamps securing the driver side and passenger side tubes.

Step 4: Compress the tubes (3) to get them out of the vehicle.

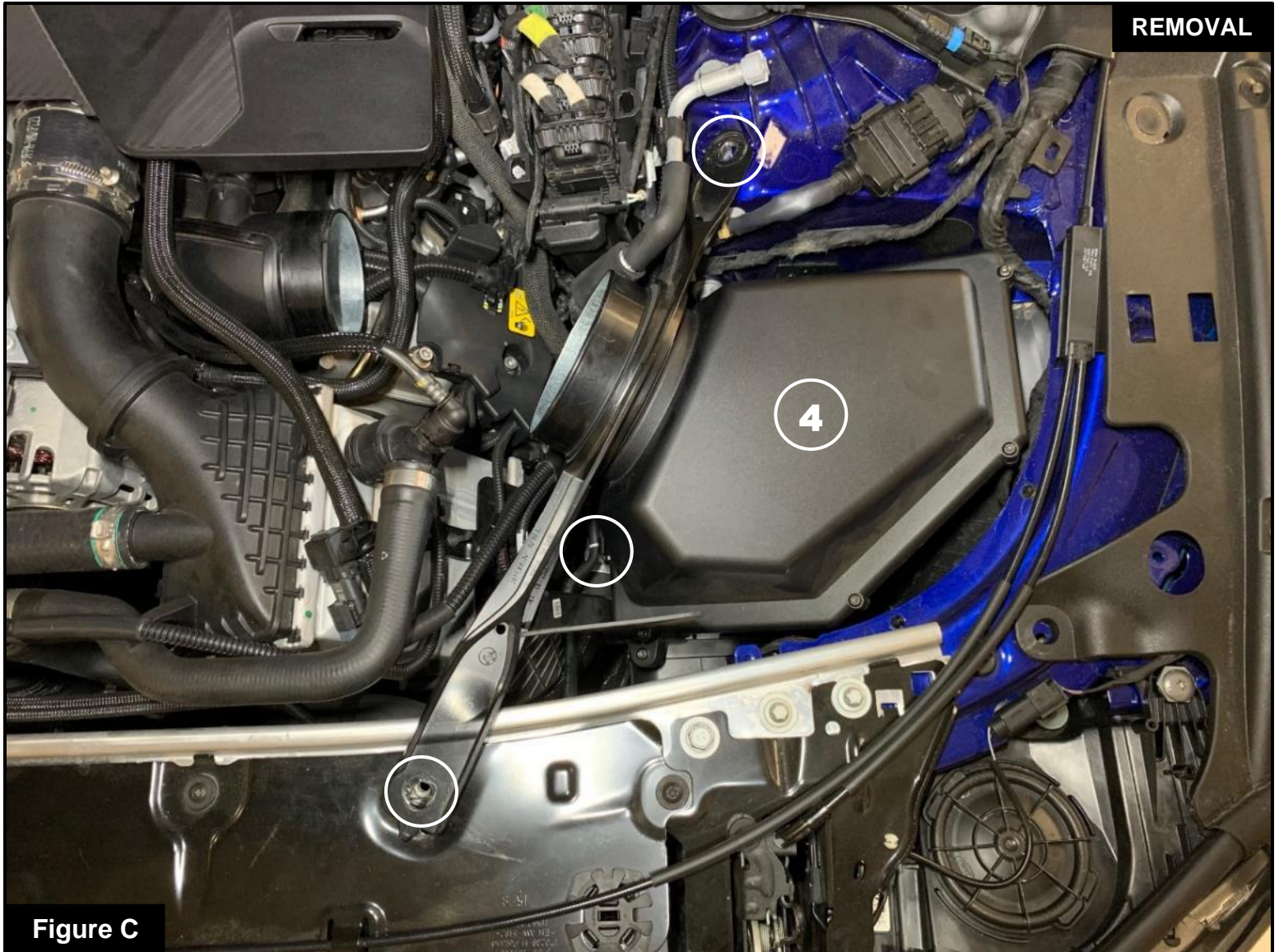


Figure C

Refer to Figure C for Step 5 -7

Step 5: Remove the screws securing the driver side brace. Use a 16mm socket for the front screw and a 18mm socket for the rear one.

Step 6: Unclip the small hose connected to the housing.

Step 7: Pull upward on the housing and brace assembly (4) to take it out of the vehicle.

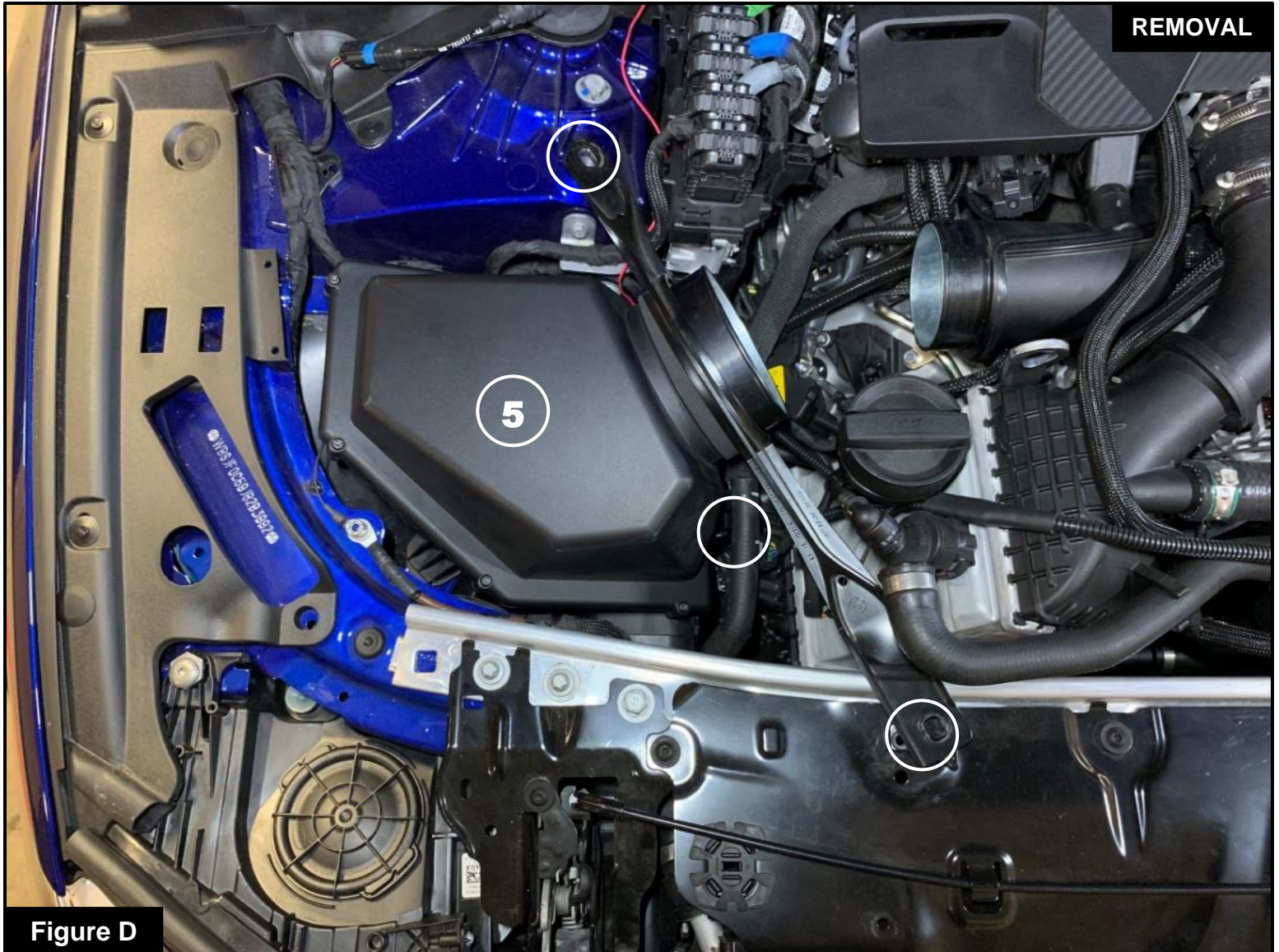


Figure D

Refer to Figure D for Steps 8

Step 8: Repeat the same steps for the passenger side. Start by removing the screws securing the brace, then unclip the hose attached to the housing. Then take the passenger side housing (5) and brace out of the vehicle.



Figure E

Refer to Figure E for Steps 9

Step 9: Install the aFe POWER air filters into the housings. Slide them from the outside and press them in until they lock into place.

**Figure F****Refer to Figure F for Step 10-11**

Step 10: Transfer the brace from the driver side factory housing to the driver side aFe POWER housing.

Slide the brace over the filter flange and press it until it locates between the beads.

Step 11: Repeat this operation for the passenger side housing. Make sure to keep the passenger side brace on the passenger side and the the driver side one on the driver side.

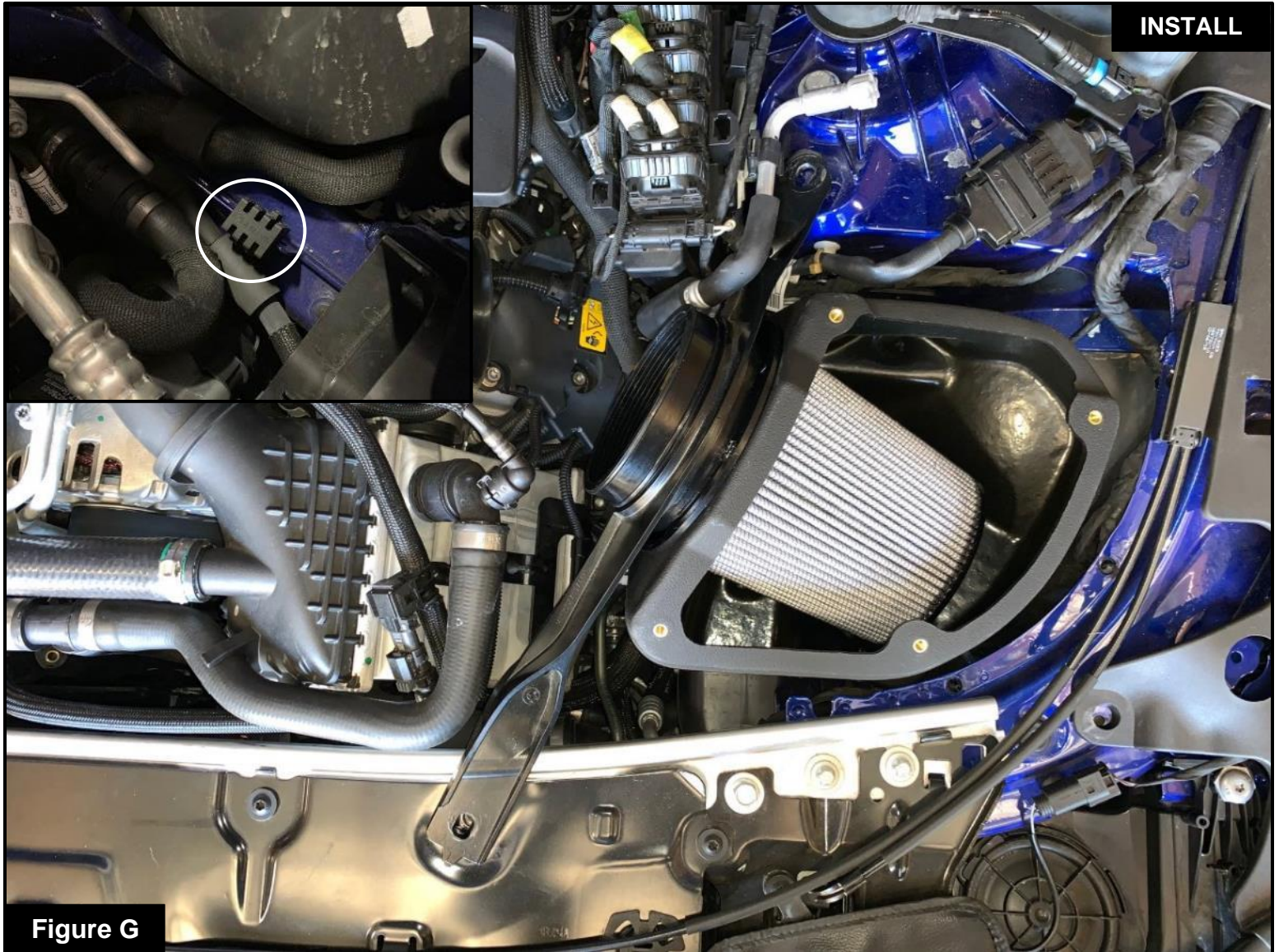


Figure G

Refer to Figure G for Steps 12-14

Step 12: Remove the rectangular grommet from the driver side factory housing and install it over the sheet metal like shown.

Step 13: Install the driver side housing/brace assembly into the vehicle. Press it firmly into the mounting grommets. Do not secure the brace with the screws yet to allow flexibility while installing the tube.

Step 14: Secure the small hose to the cable holder on the housing.

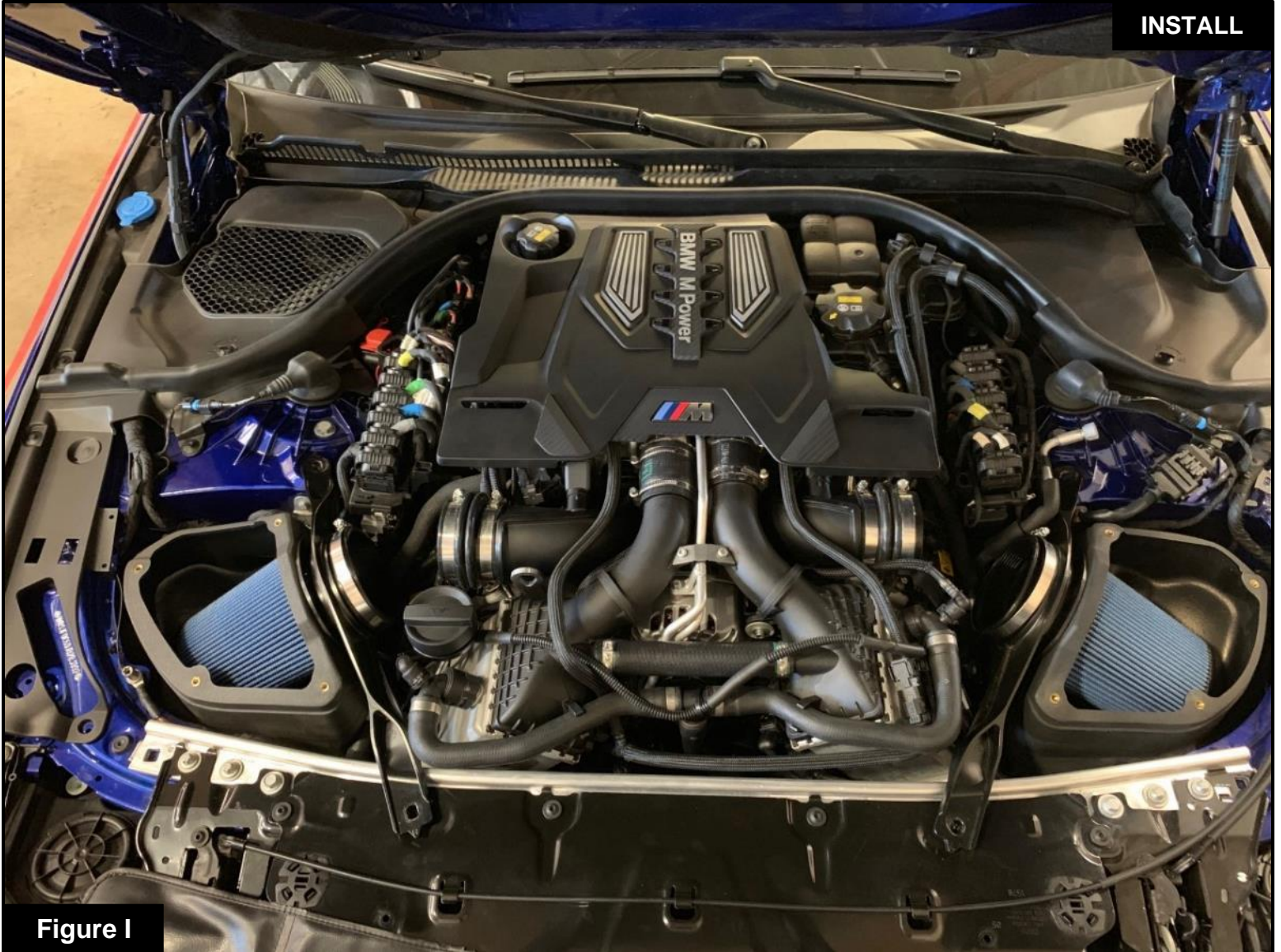


Figure H

Refer to Figure H for Steps 15-16

Step 15: Install the passenger side housing assembly into the vehicle and press it firmly into the factory grommet. Do not secure the brace yet.

Step 16: Secure the hose to the cable holders on the housing.

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

Step 17: Install the clamps over the air filters but to not tighten yet.

Step 18: Install the bellows couplings over the turbo inlet tubes. Install the clamps but to not tighten them yet to allow flexibility while installing the aFe POWER tubes.

**Figure J****Refer to Figure J for Steps 19-21**

Step 19: Slide the driver side tube into the driver side air filter then into the coupling. Align the parts correctly then tighten all clamps.

Step 20: Install the passenger side tube the same way and tighten all clamps after making sure all parts are aligned correctly.

Step 21: Secure both braces using the factory screws.



Figure K

Refer to Figure K for Steps 22

Step 22: Install the carbon fiber cover onto the driver side housing. Secure it using the provided aFe POWER screws.

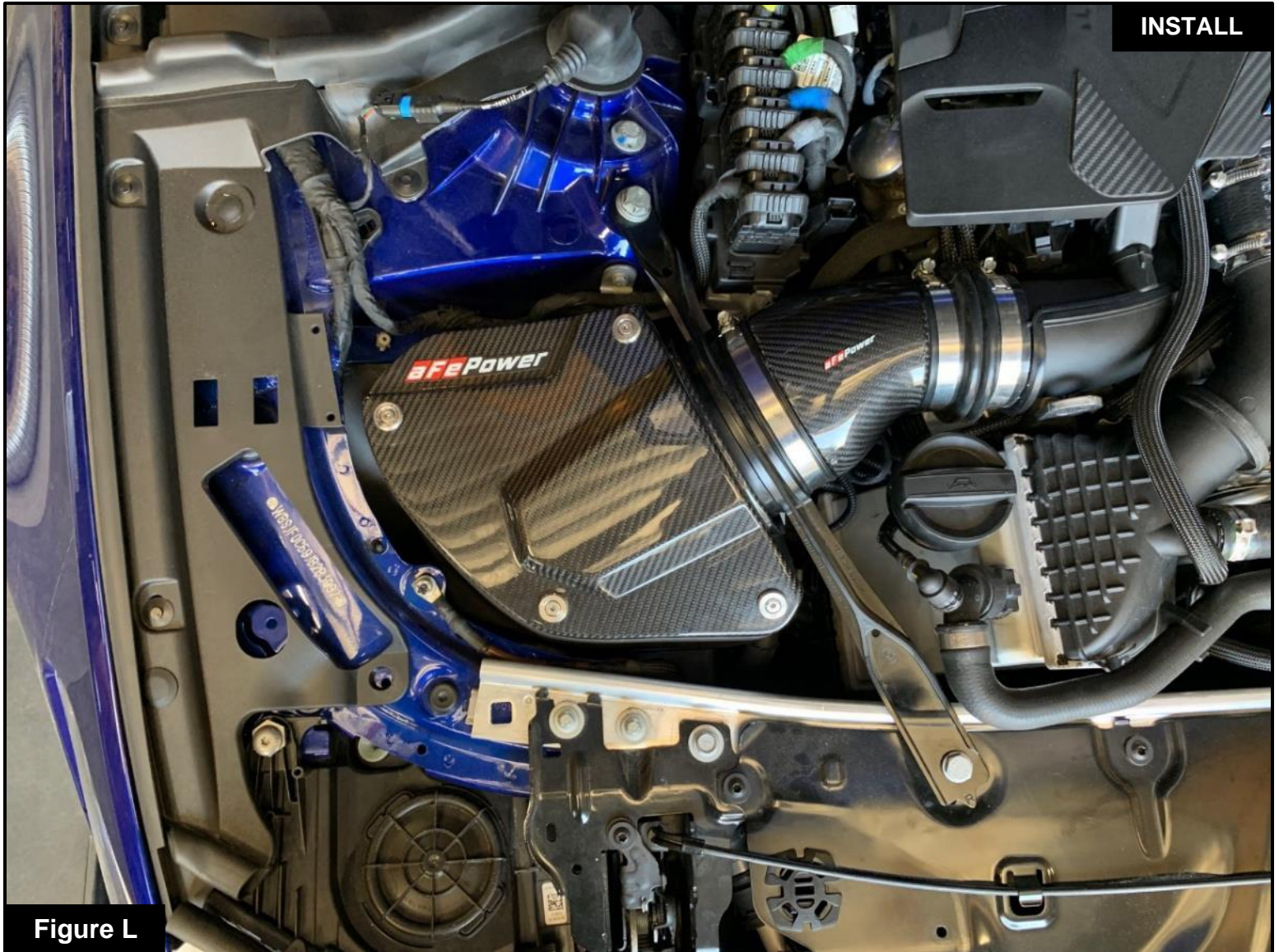


Figure L

Refer to Figure L for Steps 23

Step 23: Install the cover on the passenger side housing and secure it with the provided screws.

**Figure M****Refer to Figure M for Steps 24-26**

Step 24: Re-install the 4 covers taken off at step 1 and 2.

Step 25: Place the Black Series Plate where desired.

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.

SOLD SEPARATELY



If you have also purchased the aFe POWER Carbon Fiber dynamic Air Scoops (P/N: 58-10005SC), follow the install instruction provided with the scoops to install them behind the grilles and guide the extra air flow to the air intake system.



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