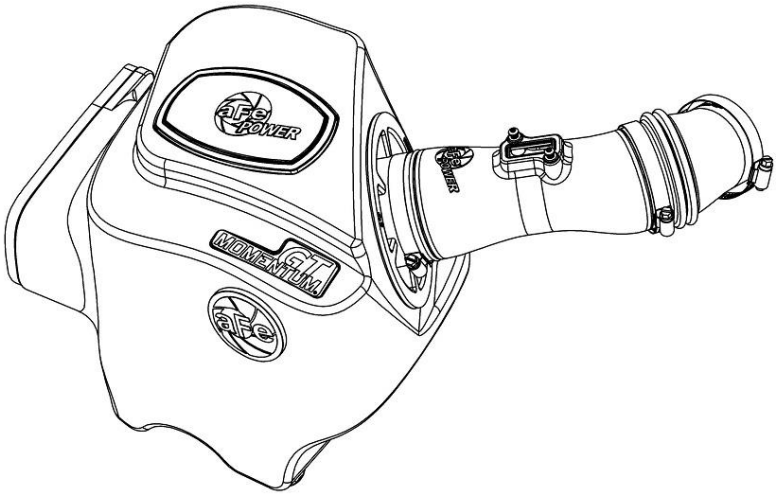
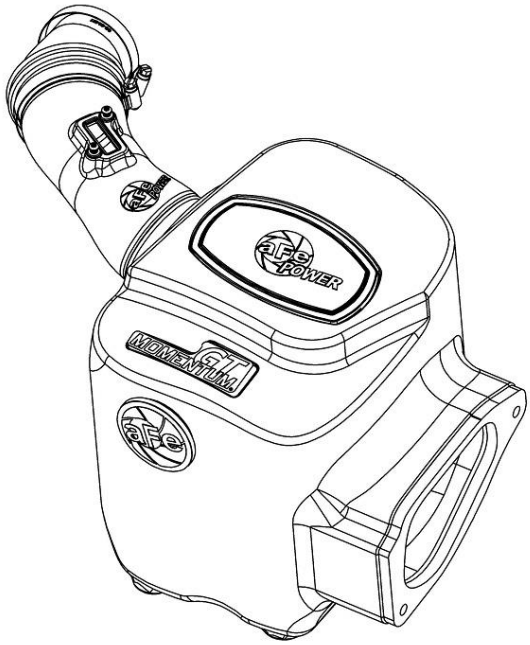




advanced FLOW engineering

Cold Air Intake System

Instruction Manual P/N: 50-70091D/50-70091R

Make: **TOYOTA** Model: **LAND CRUISER (J300)*** Year: **2022-2023** Engine: **V6-3.4L(tt)**
Make: **LEXUS** Model: **LX600** Year: **2022-2023** Engine: **V6-3.4L(tt)**

*** Non-US Model**

- **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 951-493-7185.**
- **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.**

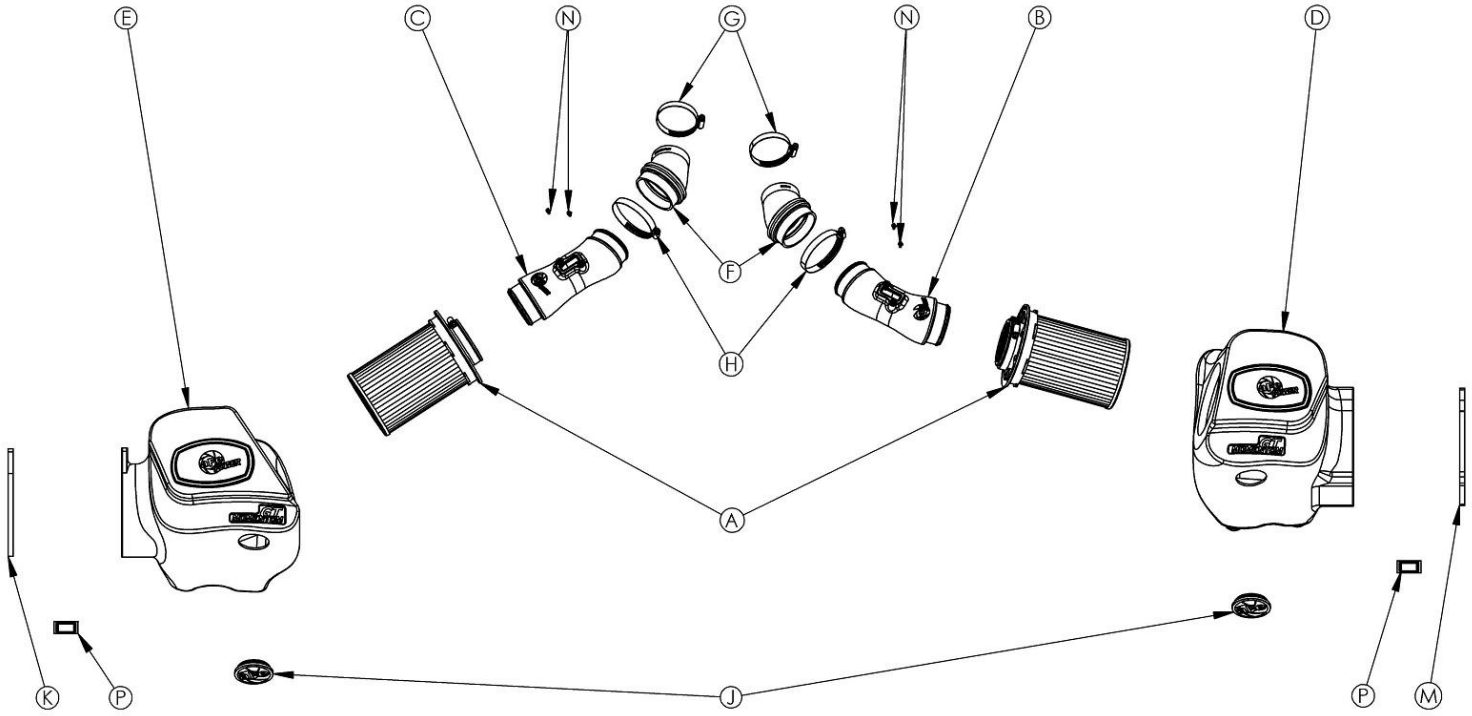
Label	Qty.	Description	Part Number
A	2	Air Filter (Pro 5R) For 50-70091R	20-91203R
A	2	Air Filter (Pro DRY S) For 50-70091D	20-91203D
B	1	Tube: Driver Side	05-5070091B1
C	1	Tube: Passenger Side	05-5070091B2
D	1	Housing: Driver Side	05-5070091B3
E	1	Housing: Passenger Side	05-5070091B4
F	2	Coupling, Silicone Elbow Rdr: (3"x2-1/2")IDx 35Deg	05-01421
G	2	Clamp, 044 (2-5/16" - 3-1/4")	03-50019
H	2	Clamp, 048 (2-9/16" - 3-1/2 ")	03-50007
J	2	Plug, Silicone: 2.25" Dia	05-01482
K	1	Gasket, Inlet Passenger Side: 05-5070091B4	05-01712
M	1	Gasket, Inlet Driver Side: 05-5070091B3	05-01711
N	4	Screw, Torx: M4 x 10mm	03-50490
P	2	Alcohol Wipes	05-01716

Installation will require the following tools:

8mm and 10mm Nut Drivers or Ratchet and Sockets, 10mm Combination or Ratcheting Wrench, Flat Head and Phillips Screwdriver, T20 Torx Driver.

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.


E
C
N
G
N
B
D
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H
A
K
P
J
P
M

Figure A

Refer to Figure A for Steps 1-3

Step 1: Disconnect the passenger side Mass Air Flow (MAF) sensor and unclip the harness from the airbox.

Step 2: Loosen the clamp securing the intake tube to the turbo inlet, using a 10mm socket or nut driver.

Step 3: Lift the passenger side air intake assembly from the vehicle by firmly pulling the grommets out of the mounts.

Figure B

Refer to Figure B for Step 4

Step 4: Remove the two 10mm screws securing the passenger side air inlet duct, then remove the duct from the vehicle. One of these screws will be reused.

Figure C

Refer to Figure C for Step 5

Step 5: Transfer the grommets from the passenger side factory air box to the aFe POWER passenger side housing.

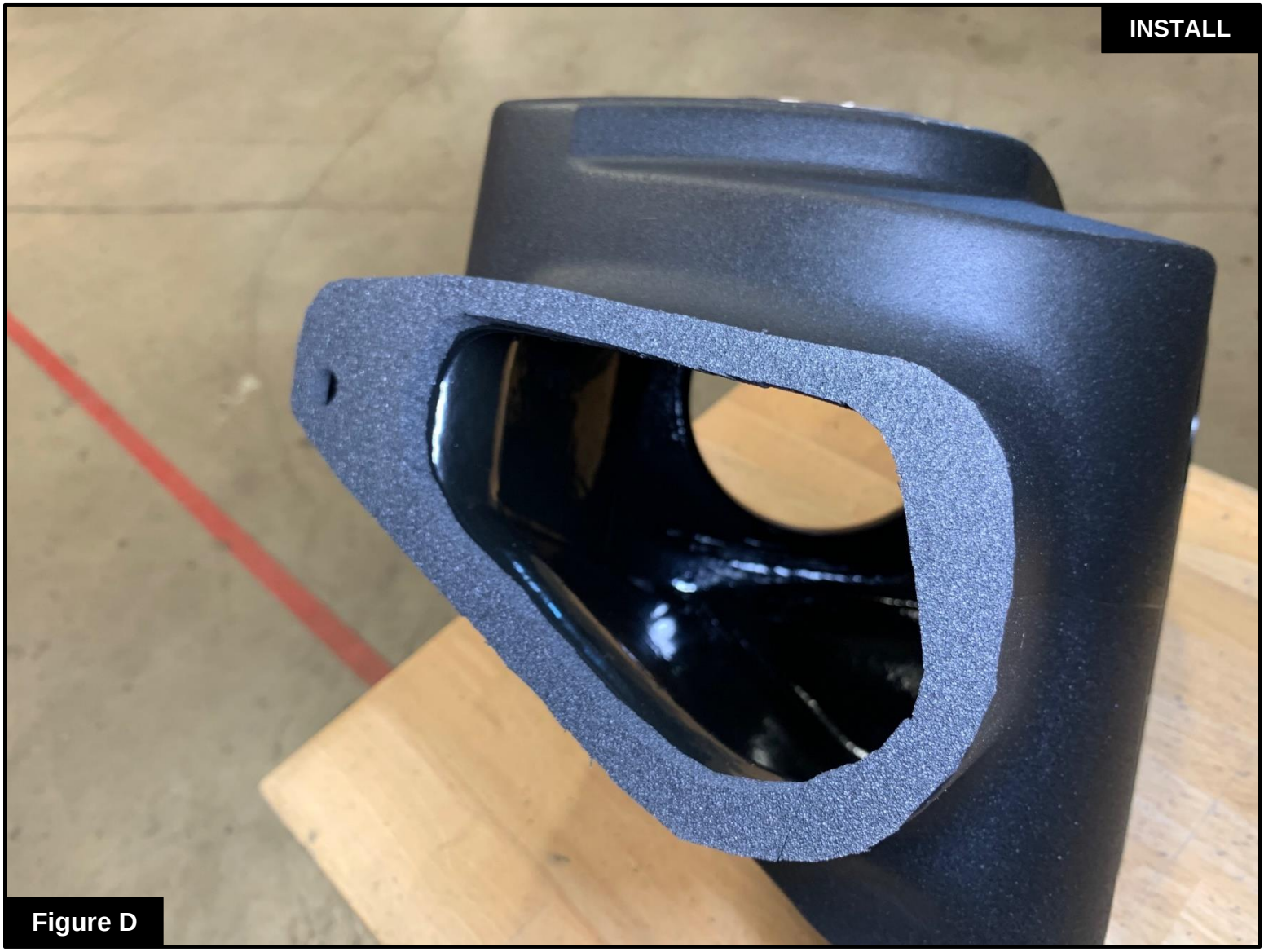

Figure D

Refer to Figure D for Step 6

Step 6: Wipe the non-texture surface of the air inlet with the provided cleaning wipe to remove any residual mold release. Wait for the alcohol to evaporate, then apply the foam gasket onto the surface of the air inlet.

Figure E

Refer to Figure E for Steps 7-8

Step 7: Install the aFe POWER air box into the vehicle. Start by pushing the housing onto the three mounting pegs, then secure it using one of the screws removed in Step 4. This screw will be installed from the outside of the housing.

Step 8: Install the air filter into the housing by firmly pushing it into the housing until the filter tabs lock it into place. Install the clamp onto the filter, but do not tighten at this time.

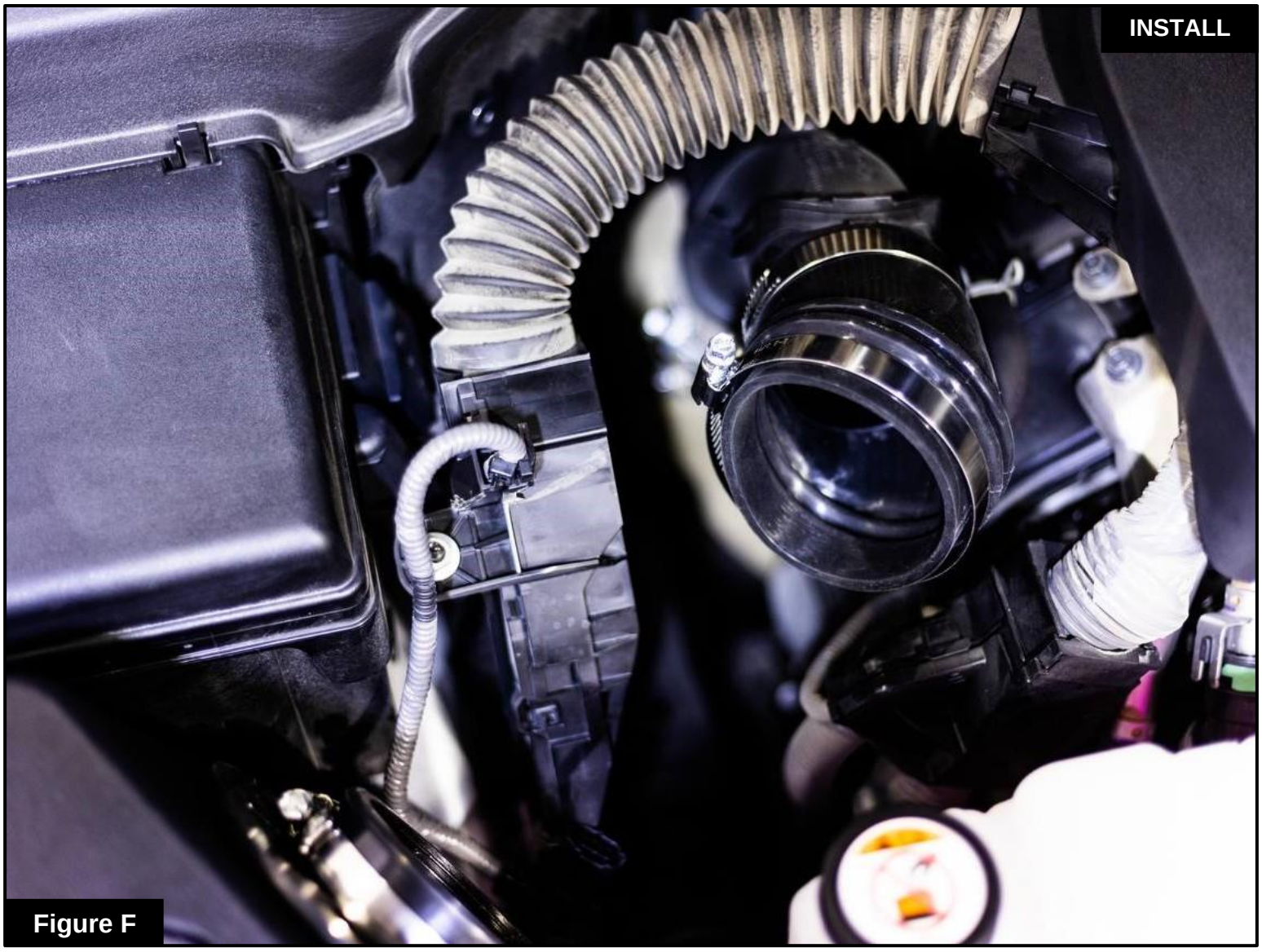

Figure F

Refer to Figure F for Step 9

Step 9: Loosely install the clamps onto the aFe POWER coupling, and then install the coupling onto the turbo inlet, orient it as shown. Do not tighten the clamps yet.

Figure G

Refer to Figure G for Step 10

Step 10: Transfer the MAF sensor from the passenger side factory intake to the aFe POWER intake tube and secure it using the provided M4 screws, using a T20 Torx.

Figure H

Refer to Figure H for Steps 11-12

Step 11: Install the aFe POWER passenger side intake tube between the coupling and filter. Align the tube and coupling and then tighten all clamps.

Step 12: Connect the MAF sensor harness to the MAF sensor.

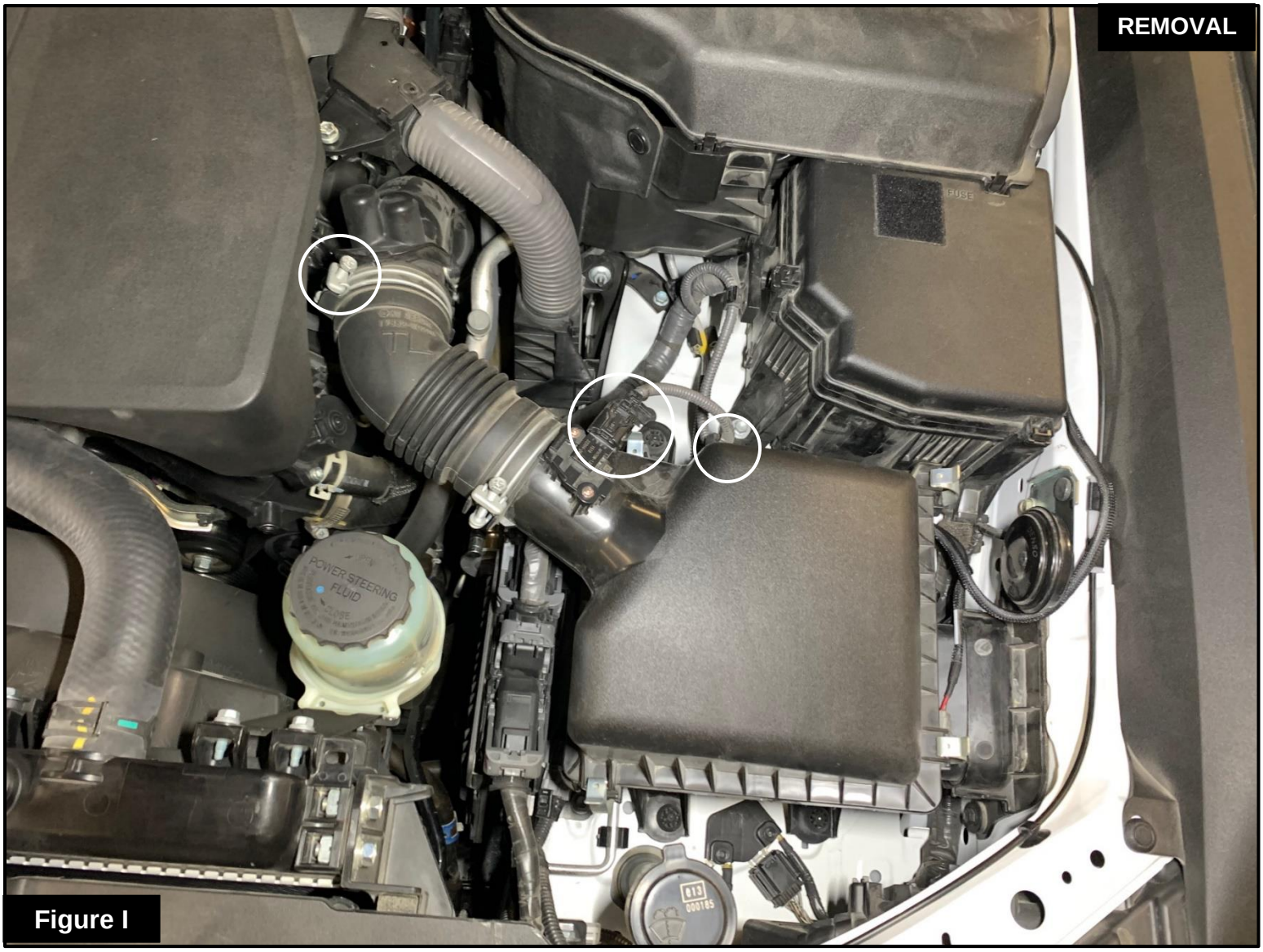

Figure I

Refer to Figure I for Steps 13-15

Step 13: Disconnect the driver side MAF sensor and unclip the harness from the airbox.

Step 14: Loosen the clamp securing the intake tube to the turbo inlet, using a 10mm socket or nut driver.

Step 15: Lift the driver side air intake assembly from the vehicle by firmly pulling the grommets out of the mounts.

Figure J

Refer to Figure J for Step 16

Step 16: Remove the two 10mm screws securing the driver side air inlet duct, then remove the duct from the vehicle. These screws will be reused.

Figure K

Refer to Figure K for Step 17

Step 17: Transfer the grommets from the driver side factory air box to the aFe POWER driver side air box.

Figure L

Refer to Figure L for Step 18

Step 18: Wipe the non-texture surface of the aFe POWER air box with the provided cleaning wipe to remove any residual mold release. Wait for the alcohol to evaporate, then apply the foam gasket onto the surface of the air inlet.

Figure M

Refer to Figure M for Steps 19-20

Step 19: Install the aFe POWER air box into the vehicle. Start by pushing the housing onto the three mounting pegs, then secure it using the screws removed in Step 16. The screws will be installed from the inside of the housing.

Step 20: Install the air filter into the housing by firmly pushing it into the housing until the filter tabs lock it into place. Install the clamp on the filter, but do not tighten at this time.

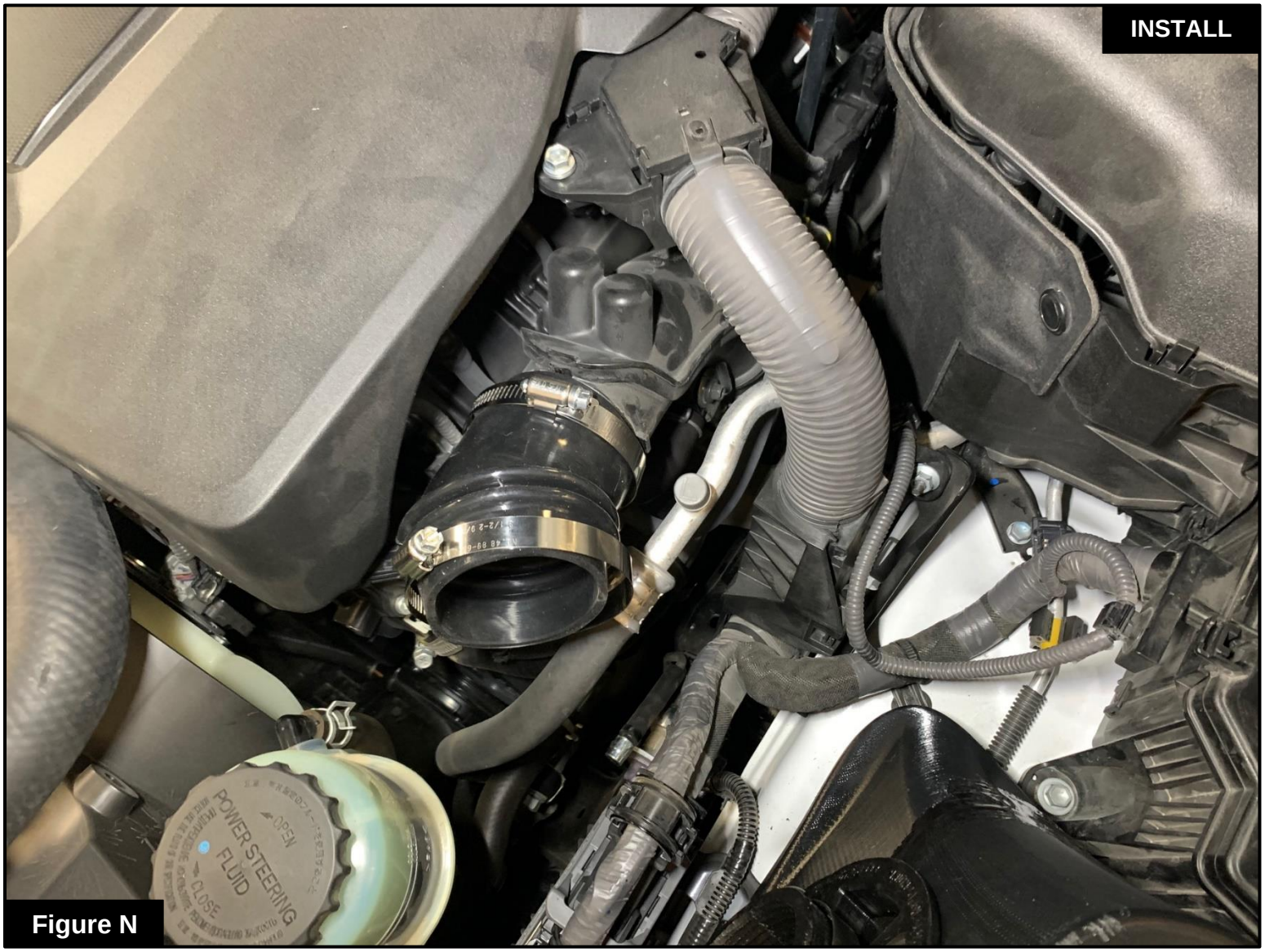

Figure N

Refer to Figure N for Step 21

Step 21: Loosely install the clamps onto the aFe POWER coupling, and then install the coupling onto the turbo inlet. Do not tighten the clamps yet.

Figure O

Refer to Figure O for Step 22

Step 22: Transfer the MAF sensor from the driver side factory intake to the aFe POWER intake tube and secure it using the provided M4 screws, using a T20 Torx.

Figure P

Refer to Figure P for Steps 23-24

Step 23: Install the aFe POWER driver side intake tube between the coupling and filter. Align the tube and coupling and then tighten all clamps.

Step 24: Connect the MAF sensor harness to the MAF sensor.

Figure Q

Refer to Figure Q for Step 25

Step 25: The kit includes optional plugs to close off the auxiliary air inlets. Install the plugs if you wish to close off the auxiliary air inlets to only capture cold air from the fenders.

• Without the plugs installed, the aFe POWER intakes will capture the maximum air available. More airflow offers more power, yet some of this air is picked up from inside the engine compartment could be warmer air. The warmer air will affect the performance of the vehicle.

• The plugs installed on the housings will block off any hot engine air entering the housing to make sure that the coolest air available is directed into the engine. Intake noise will also be reduced if using the plugs.

Figure R

Refer to Figure R for Step 26

Step 26: Make sure all clamps and connections are secured. Your installation is now complete. Thank you for choosing aFe POWER!

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