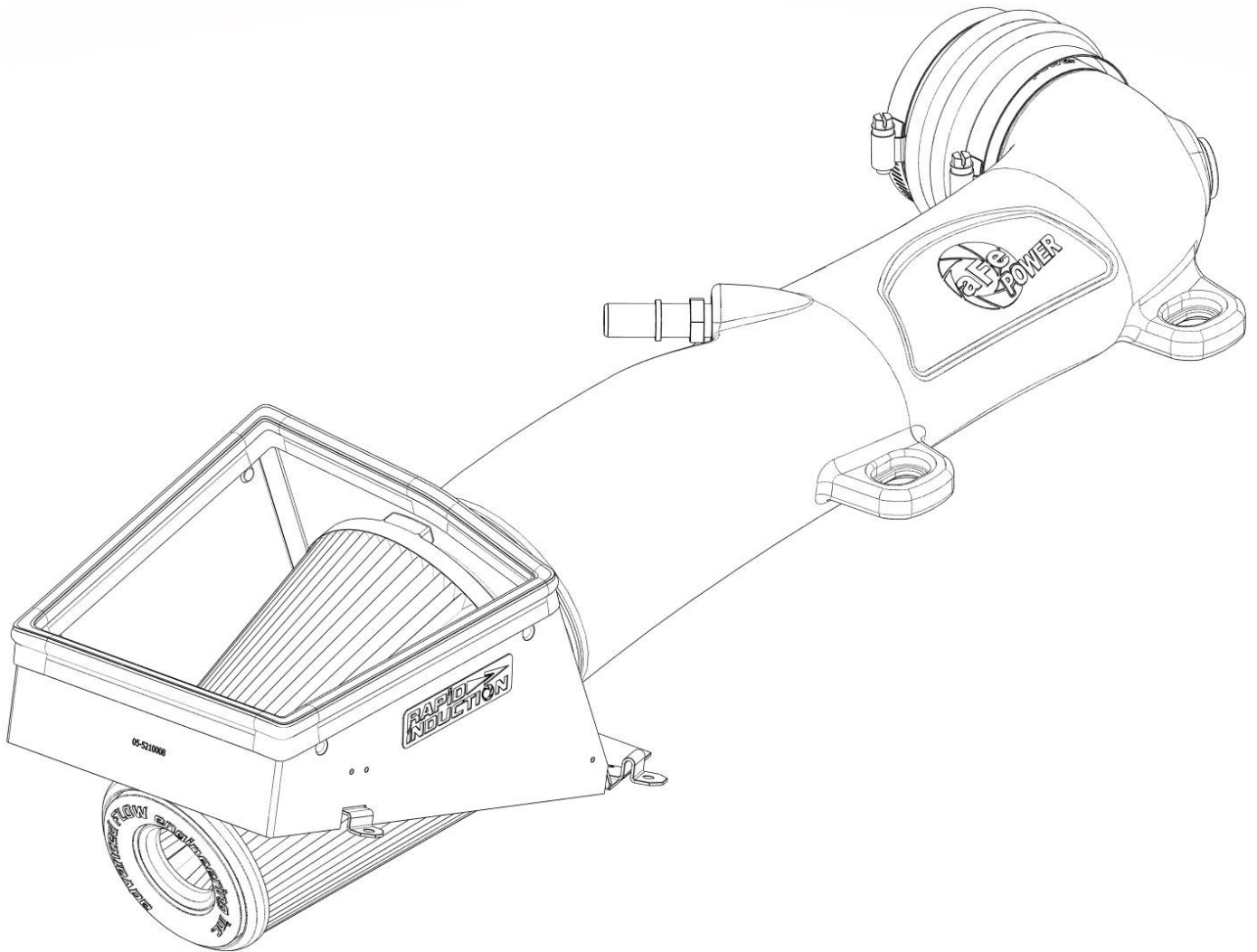
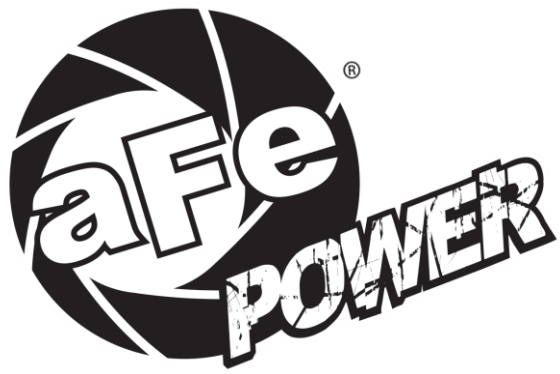




advanced FLOW engineering Rapid Induction Air Intake System

Instruction Manual P/N: 52-10008D / 52-10008R

Make: **Jeep**
Make: **Jeep**

Model: **Wrangler (JL)**
Model: **Gladiator (JT)**

Year: **2018-2021**
Year: **2020-2021**

Engine: **V6-3.6L**
Engine: **V6-3.6L**



- 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.

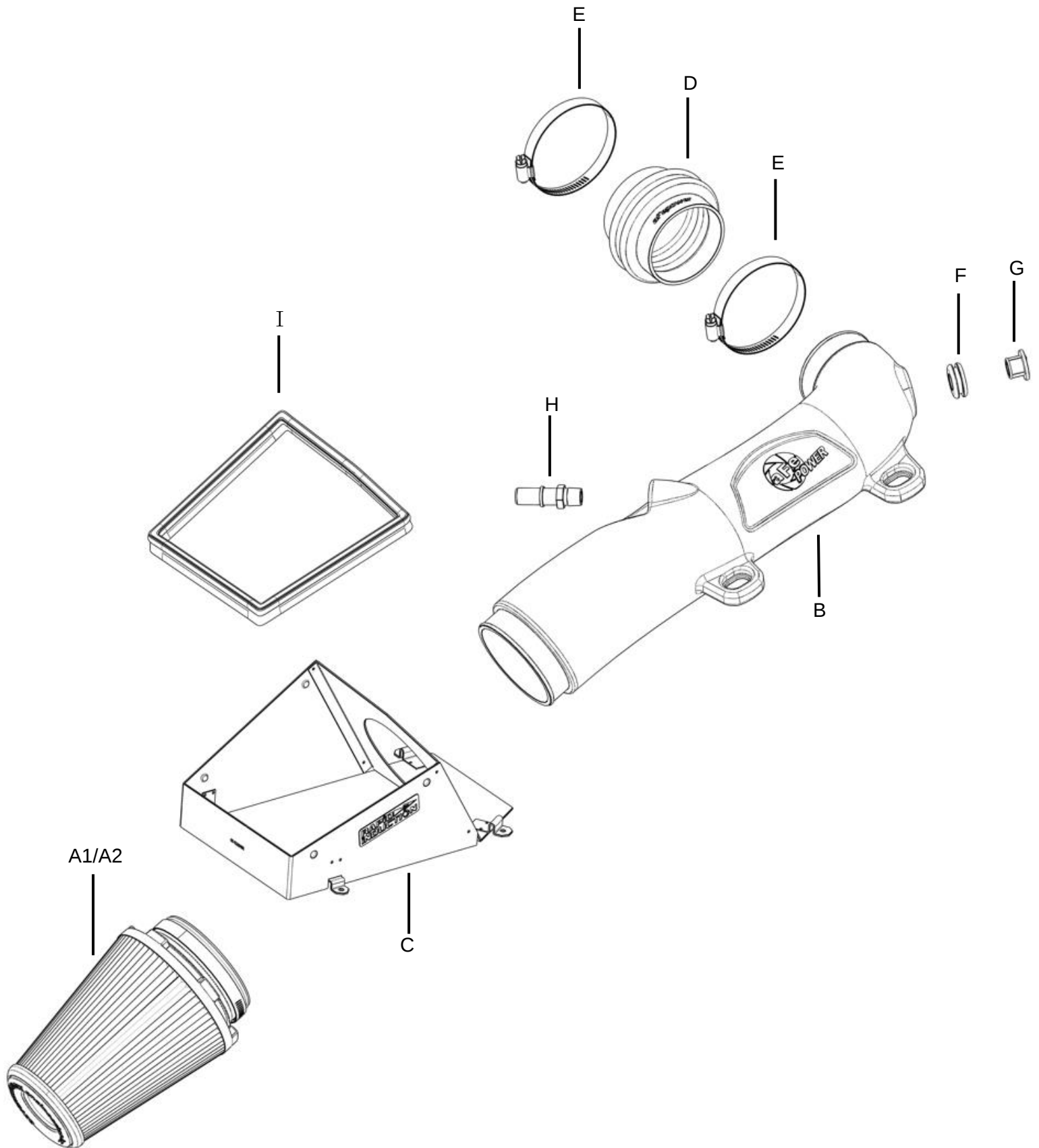
Label	Qty.	Description	Part Number
A1	1	Air Filter (Pro 5R)	22-91201R
A2	1	Air Filter (Pro DRY S)	22-91201D
B	1	Tube	05-5210008B1
C	1	Housing	05-5210008B2
D	1	Coupling, Silicone Bellow: 3-1/4"ID x 3"L	05-01480
E	2	Clamp, 048 (2-9/16" – 3-1/2")	03-50007
F	1	Grommet, Rubber	03-50167
G	1	Fitting, Air Temp Sensor	05-01454
H	1	Fitting, Vent Tube	05-01339
I	1	Trim Seal (29")	05-00072

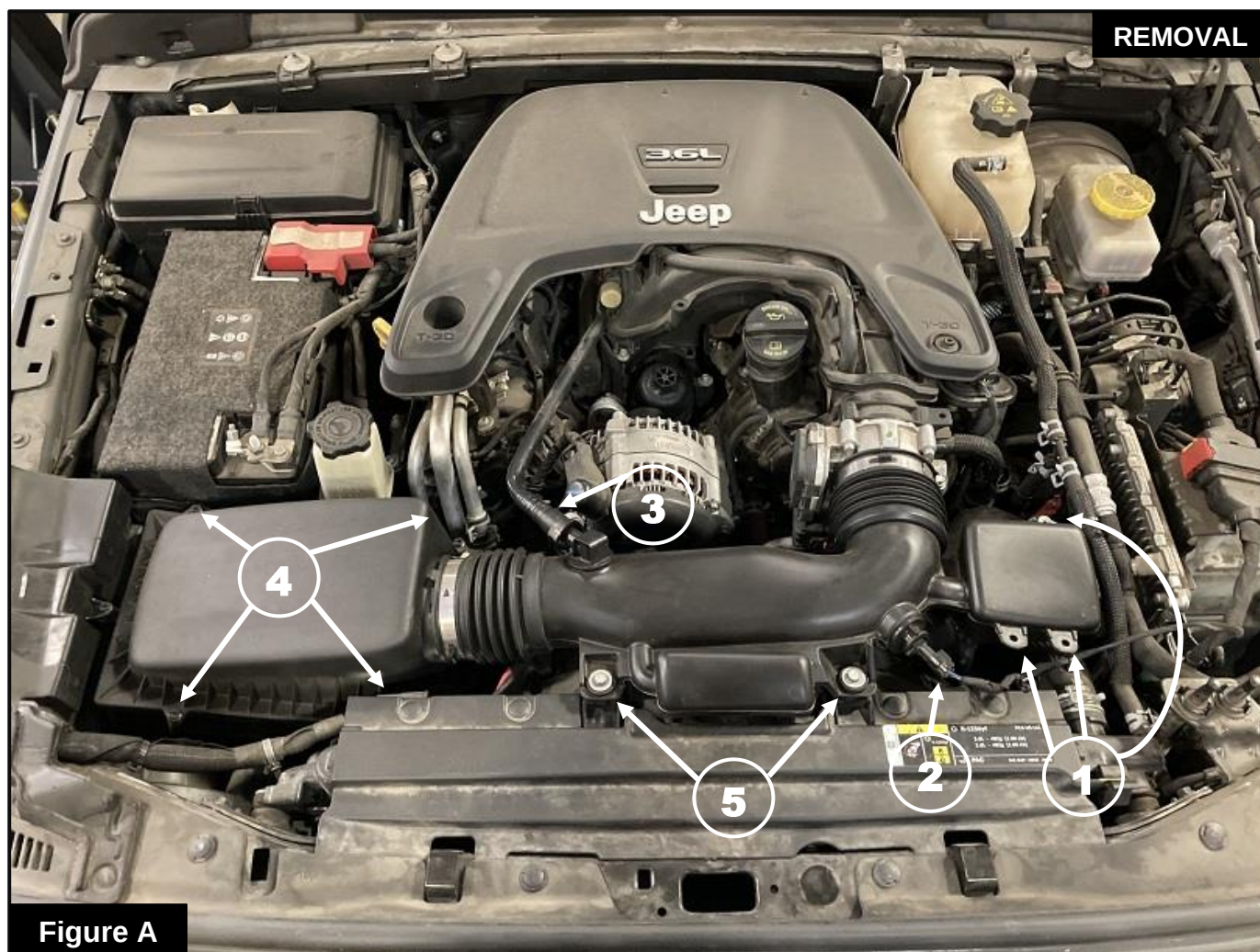
Installation will require the following tools:

8mm nut driver, 8mm/10mm deep socket and driver, cutting pliers, adjustable wrench, panel popper tool.

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.





Refer to Figure A for Steps 1-7

- Step 1: Using a panel popper tool, release the three Christmas tree ties ① that connect to the intake tube.
- Step 2: Disconnect the Intake Air Temperature (IAT) sensor plug ② be careful not to damage the sensor.
- Step 3: Disconnect the Crank Case Vent (CCV) quick connect fitting ③ on top of the intake tube.
- Step 4: Using an 8mm nut driver or socket, remove the four screws ④ in the upper air box.
- Step 5: Using a 10mm socket, remove the two screws ⑤ holding the intake tube to the radiator shroud.
- Step 6: Using an 8mm nut driver, loosen the two hose clamps at both ends of the intake tube.
- Step 7: Remove the factory intake tube and upper half of the air box.



Figure B

Refer to Figure B for Steps 8-9

Step 8: Remove the factory air filter and install the Rapid Induction housing with the factory screws (6) using an 8mm nut driver.

Step 9: Install trim seal around the top edge of the Rapid Induction housing (7) Some cutting of the trim seal may be required for proper fitment.



Figure C

Refer to Figure C for Steps 10-11

Step 10: Install the vent tube fitting (8) in the location shown on the aFe POWER intake tube and tighten using an adjustable wrench.

***NOTE:** Exposed threads shown are normal. This is an NPT thread. Do not overtighten.

Step 11: Install the supplied grommet and plastic temp sensor bung (9) into the aFe POWER intake tube. If needed, use a light penetrating oil to help push the plastic bung into the grommet.



Figure D

Refer to Figure D for Steps 12-13

Step 12: Remove the two factory grommets and spacers from the OE intake tube. If needed, use a light penetrating oil to remove the spacer from the grommet.

Step 13: Install the two factory grommets and spacers (10) into the aFe POWER intake tube. Make sure the spacers are orientated the same way as in the factory tube.



Refer to Figure E for Step 14

Step 14: Install the aFe air filter into the Rapid Induction housing as shown. Make sure the flange on the filter (11) is completely seated around in the housing.

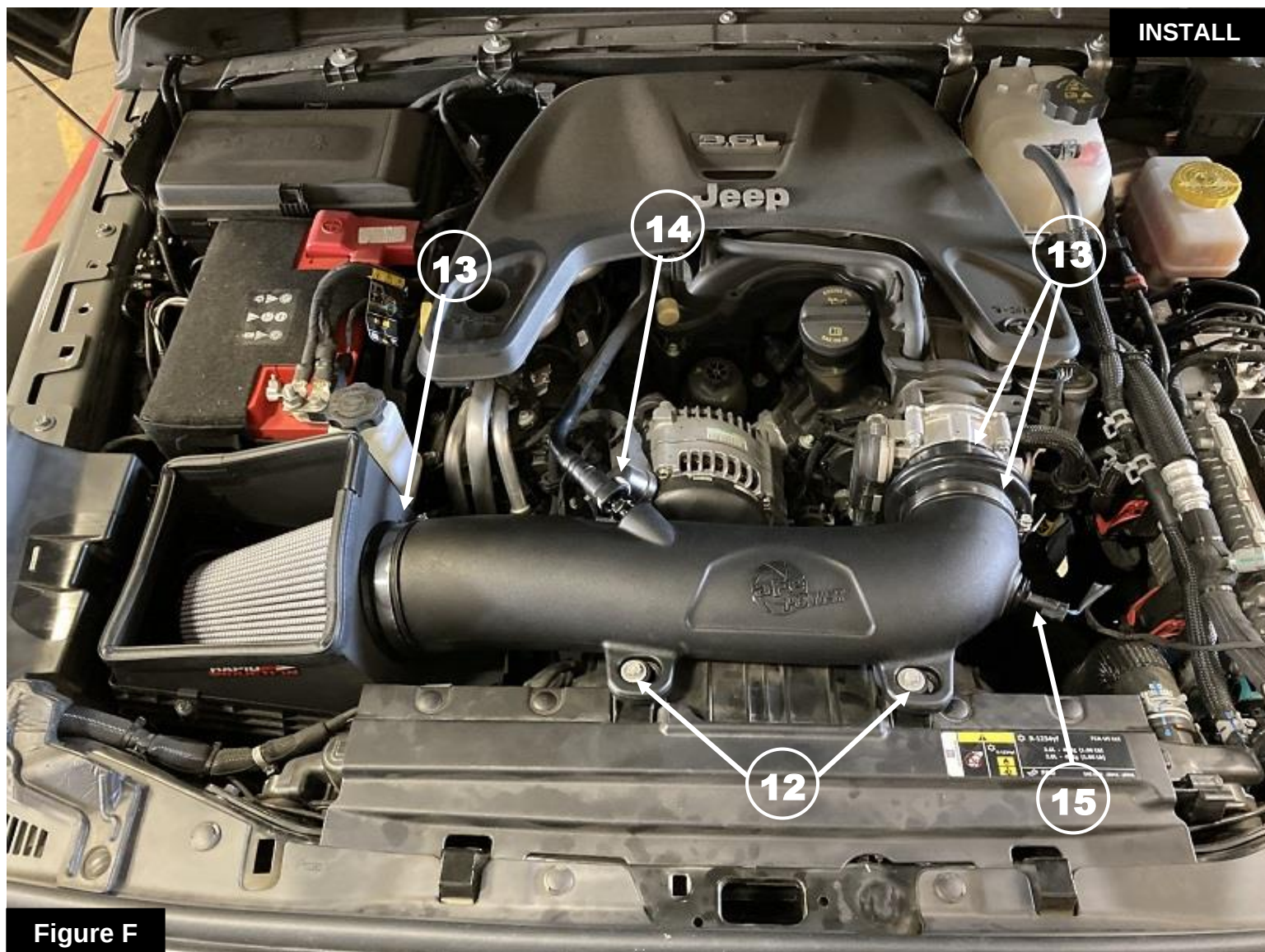


Figure F

Refer to Figure E for Steps 15-21

Step 15: Loosely install the clamp onto the air filter, and install the hose clamps and coupler to the tube.

Step 16: Install the aFe POWER intake tube with attached coupler onto the air filter and the throttle body.

Step 17: Install the two screws (12) into the aFe POWER intake tube, from step 5.

Step 18: Tighten all hose clamps (13). Make sure the coupler is completely seated onto the throttle body.

Step 19: Reconnect the CCV quick connect (14) on the aFe POWER intake tube.

Step 20: Remove the IAT sensor from the factory intake tube and install it into the aFe POWER intake tube, then reconnect the electrical connector (15) to the sensor.

Step 21: Your installation is now complete. Thank you for choosing aFe POWER.

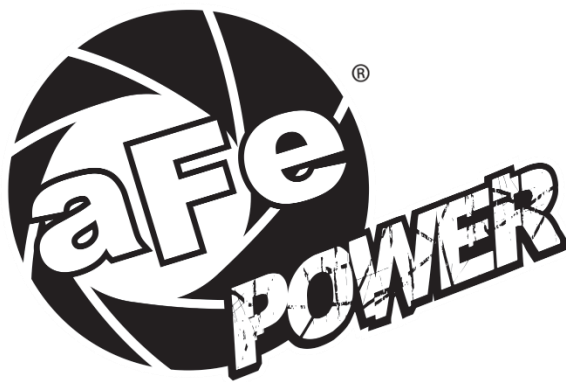
NOTE: Check all bolts, clamps, and connectors after 100-200 miles.



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