

advanced FLOW engineering

Magnum FORCE Stage-2 Air Intake System

Instruction Manual P/N: 51-32322 / 54-32322 / 75-32322

Make: **GM** Model: **Silverado HD/Sierra HD** Year: **2011-2016** Engine: **V8-6.6L (td) LML**



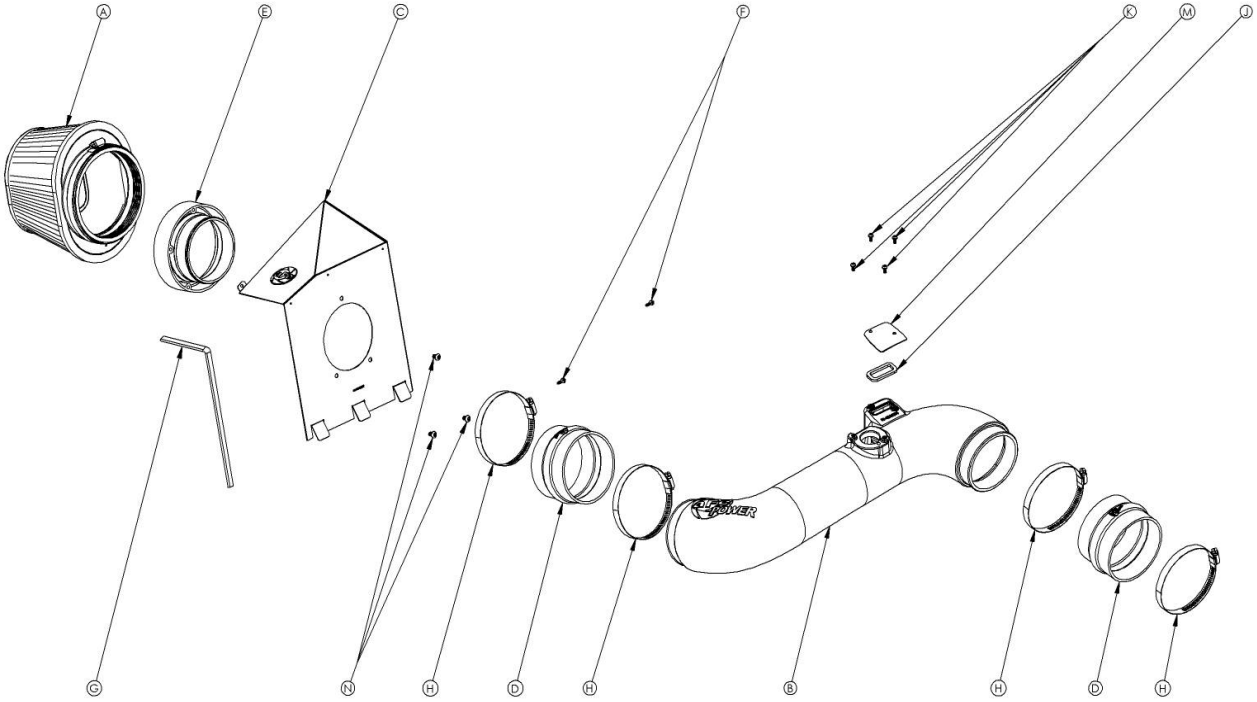
- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support at 951-493-7100.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.

Retain factory parts for future use.

Label	Qty.	Description	Part Number
A1	1	Air Filter (Pro 5R)	24-91040
A2	1	Air Filter (Pro DRY S)	21-91040
A3	1	Air Filter (Pro-GUARD 7)	72-91040
B	1	Tube	05-32322B1
C	1	Housing	05-32322B2
D	2	Coupling, Silicone Hump	05-01201
E	1	Adaptor	05-00611
F	2	Screw, Self Tapping	03-50392
G	1	Seal, Trim 1/16” (12”)	05-00149
H	4	Clamp #064	03-50006
J	1	Gasket, MAS	05-00631
K	4	Screw, M4	03-50490
M	1	Cover, Sensor Plate	05-01227
N	3	Screw, M6	03-50113

Installation will require the following tools:
8mm nut driver, Phillips Screwdriver and Torx (T-20) driver.

Warranty Information available at: https://afepower.com/contact#warranty


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


A1
A2
A3

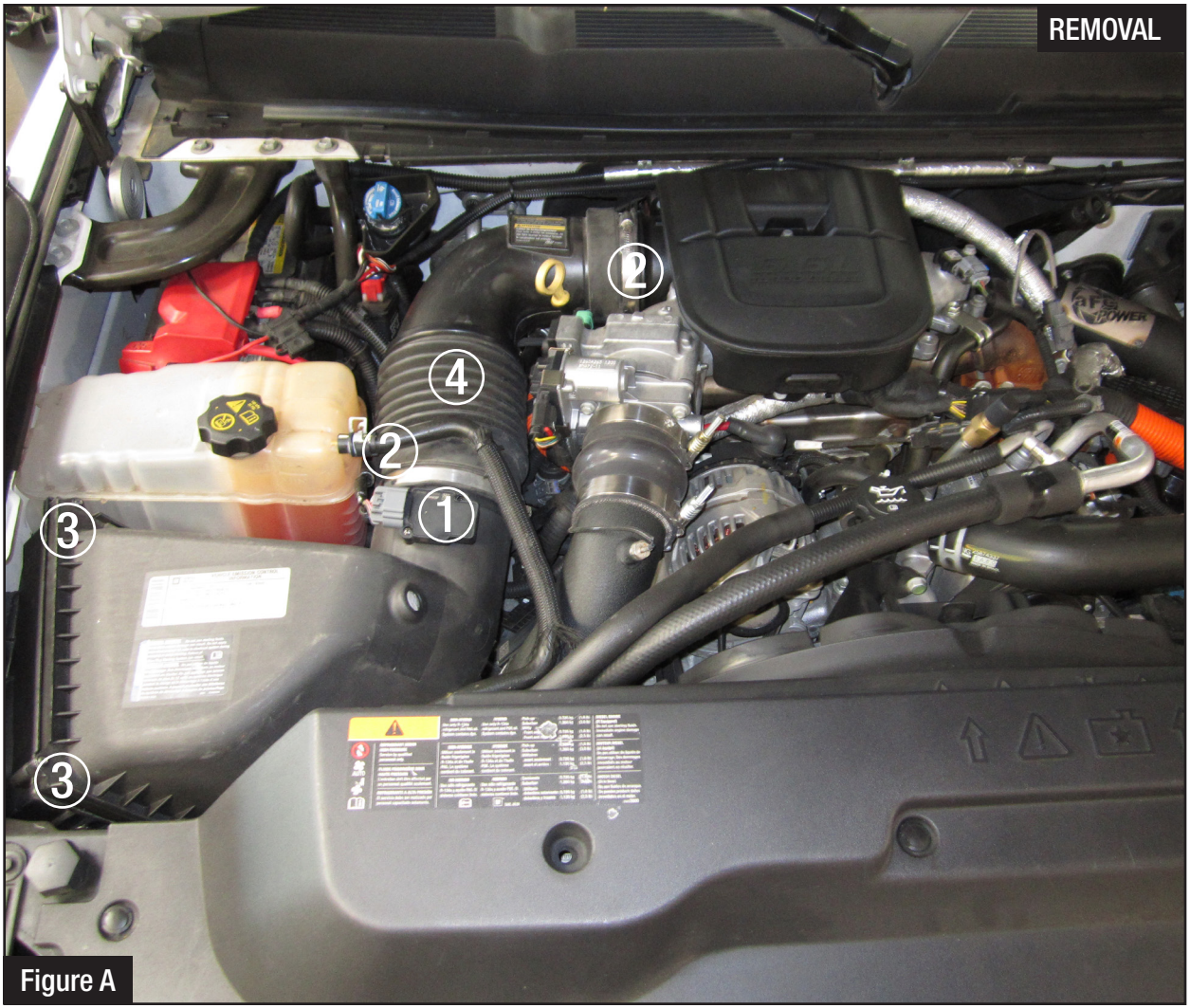


Figure A

Refer to Figure A for steps 1-4

Step 1: Disconnect Mass Air Flow sensor, and Humidity Sensor (1).

Step 2: Loosen all tube clamps using an 8mm nut driver (2).

Step 3: Remove OE screws from housing (3).

Step 4: Remove the factory intake tube and top portion of the airbox out of the vehicle (4).

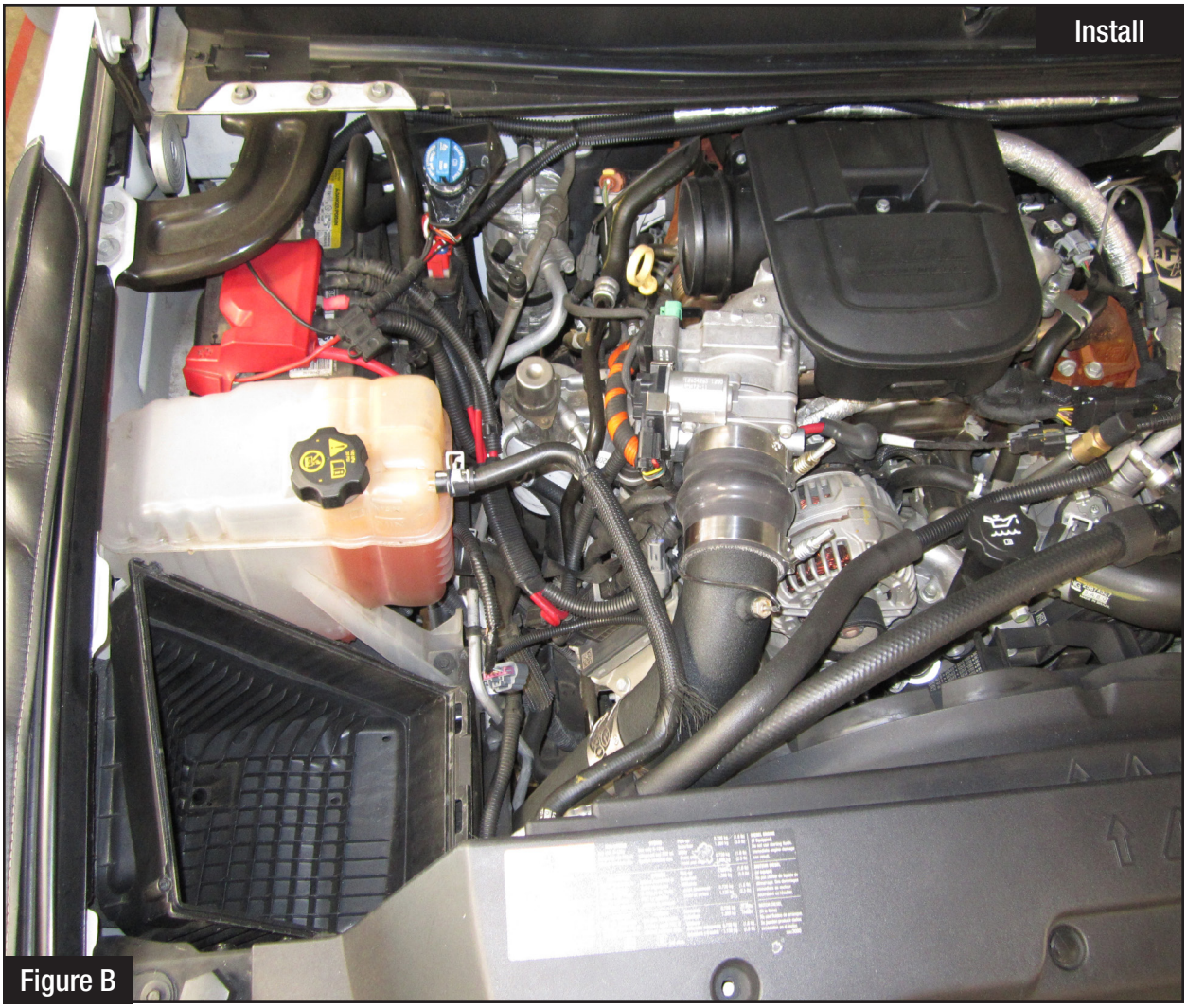


Figure B

Refer to Figure B for step 5

Step 5: Remove the OE filter.

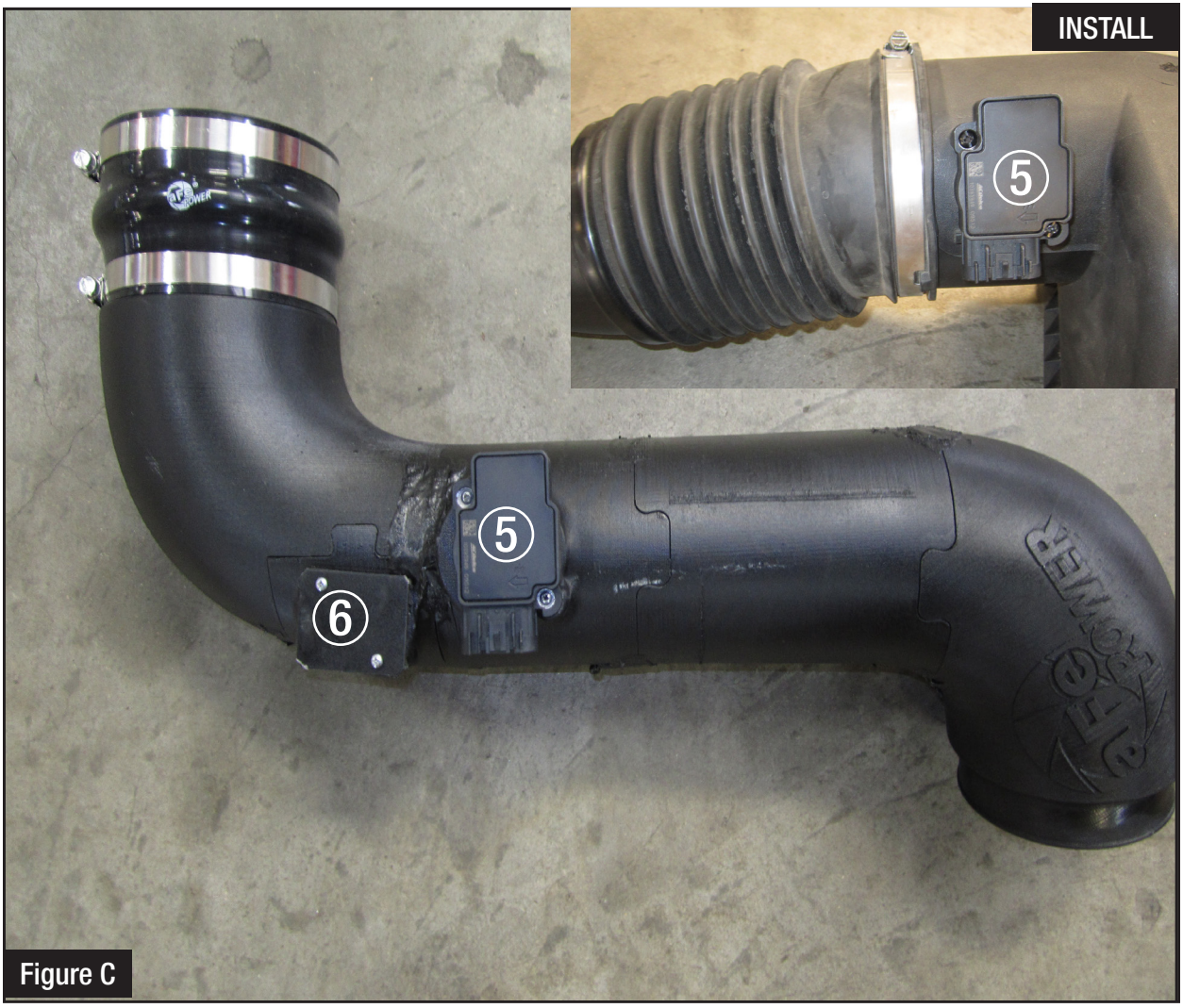


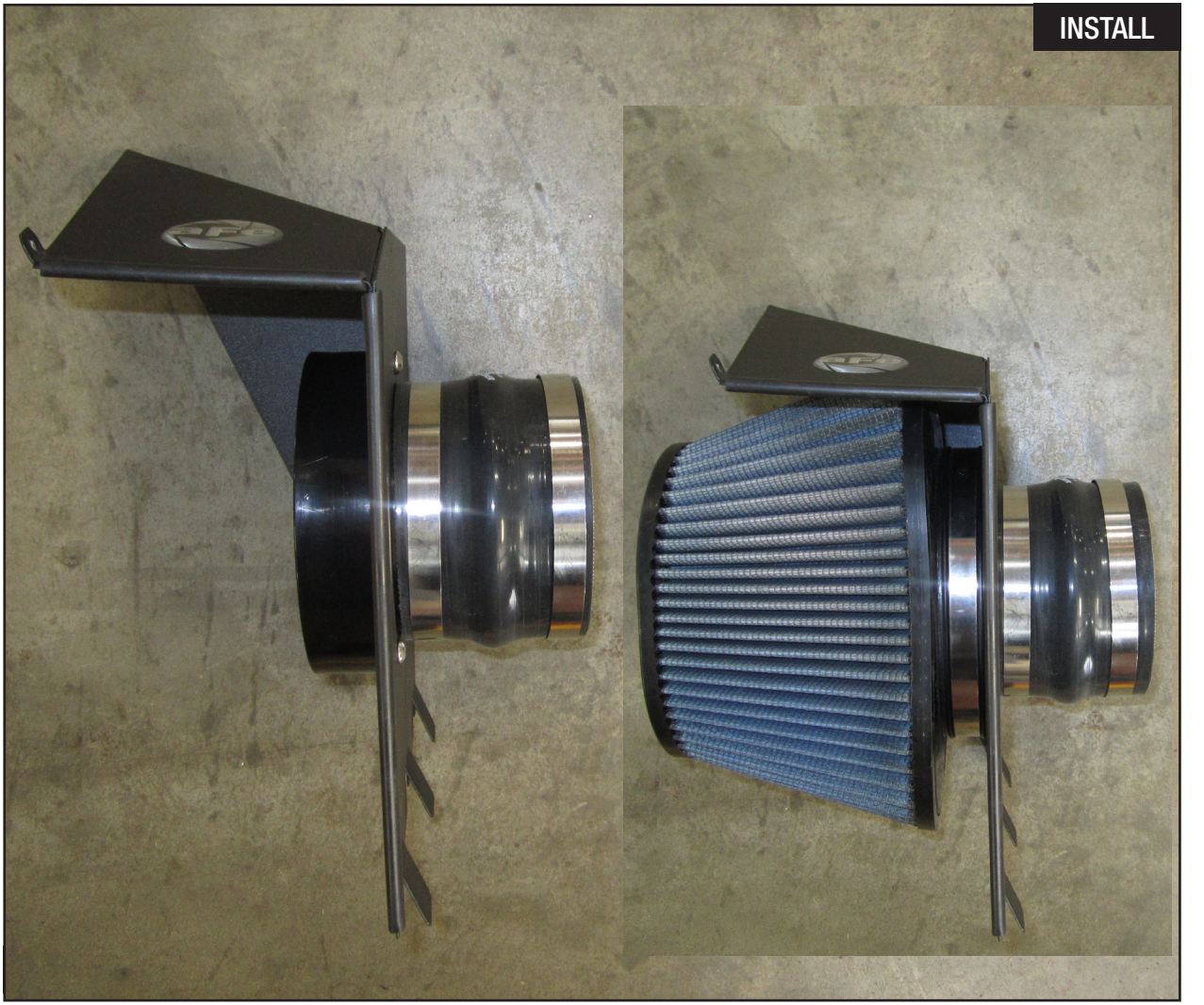
Figure C

Refer to Figure C for steps 6-8

Step 6: Remove the OE Mass Air Flow sensor and humidity sensor from the factory intake (5).

Step 7: Install MAF sensor and humidity sensor into the aFe intake (6) using the supplied M4 screws. On models 2011 and 2012 that do not have a humidity sensor, cover the hole with a gasket and cover plate. Secure with 2 m4 screws. Do not over tighten.

Step 8: Install furnished silicone hump coupler and clamps on the aFe tube. (Do not tighten clamps at this time).



Refer to Figure D for steps 9-12

Step 9: Assemble the aFe housing. Install the air filter adaptor with the provided hardware.

Step 10: Install silicon hump couplings and clamps. (Note: tighten adaptor side only).

Step 11: Install seal trim around housing.

Step 12: Install aFe filter. (Tighten clamp).

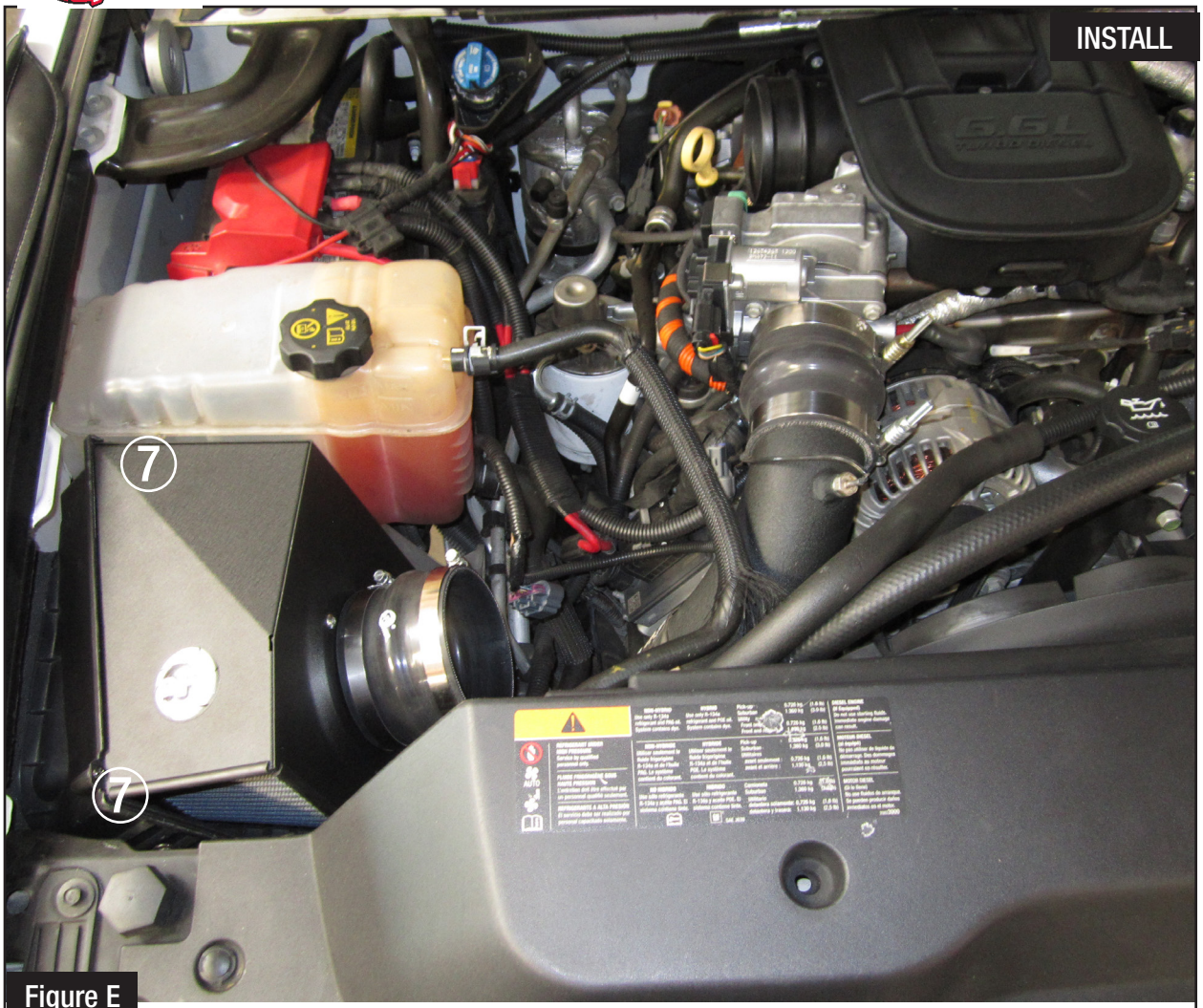


Figure E

Refer to Figure E for step 13

Step 13: Install aFe housing on top of factory airbox using the 2 self-tapping screws provided. Do not over tighten (7).



Figure F

Refer to Figure F for steps 14-15

Step 14: Install the aFe intake tube into vehicle, slide the coupling in the turbo inlet tube first. Then slide it into the filter side.

Step 15: Tighten all clamps (8) .



Figure E

Refer to Figure E for steps 16-17

Step 16: Re-connect the MAF sensor and humidity sensor. (If applicable on your application) (9) .

Step 17: Check all the components are tight and secure. Your installation is now complete.

NOTE: Check all bolts, clamps, and connectors after 200 miles. Place enclosed CARB EO sticker on or near the device on a smooth/clean surface. EO identification label is required to pass the smog test inspection.

Page left blank intentionally



advanced FLOW engineering, inc.
252 Granite Street Corona, CA 92879
TEL: 951.493.7100

P/N: 06-80628