

## advanced FLOW engineering

Magnum FORCE Stage-2 Air Intake

### **Instruction Manual** P/N: 51-82322 & 75-82322

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

Make: **GMC** Model: **Sierra HD** Year: **2011-2014** Engine: **V8-6.6L (td) LML**

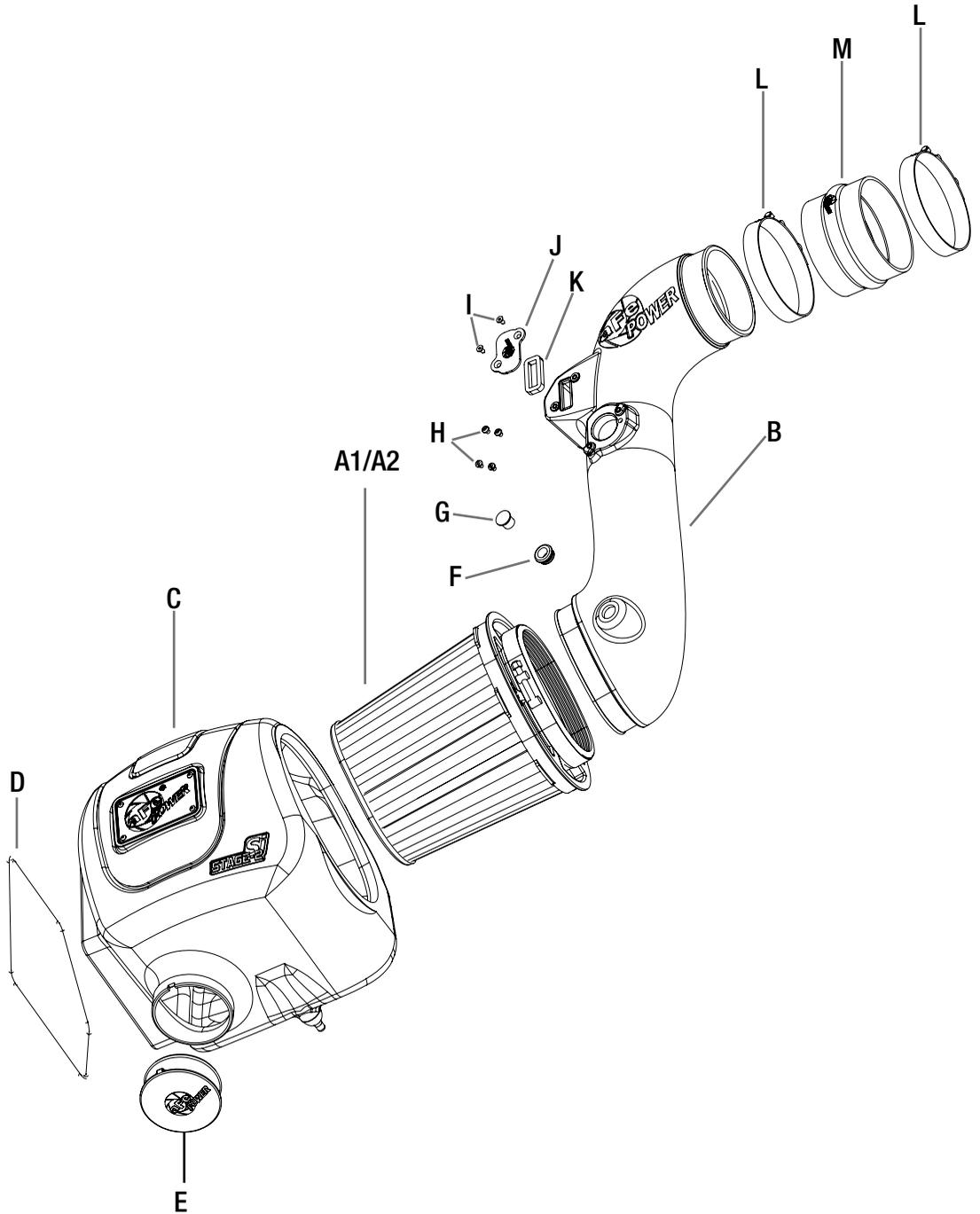


- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support at 951-493-7100 or e-mail at tech@afepower.com.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work 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	1	Air Filter (Pro DRY S)	21-91105
A2	1	Air Filter (Pro-GUARD 7)	72-91105
B	1	Tube	05-82322B1
C	1	Housing	05-82322B2
D	1	Seal, Trim: 7/16" (27"L)	05-00072
E	1	Plug, Urethane	05-01361
F	1	Grommet	03-50033
G	1	Cap	03-50103
H	4	Screw, Chs Hd: M4	03-50034
I	2	Screw, M4x12mm	03-50455
J	1	Sensor Cover	05-01372
K	1	Gasket	05-00631
L	2	Clamp, T-bolt (4-7/16")	03-50319
M	1	Coupling, Silicone Hump	05-01201

Installation will require the following tools:  
8mm Nut driver, 10mm Nut driver, Torx (T-20) driver, and 2.5mm Allen.

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





**Refer to Figure A for Steps 1-4**

Step 1: On 2015 vehicles, remove the plastic trim (1) and plastic radiator shield (2) by removing all twelve shield clips.

Remove the side bracket (3) with a 10mm socket and ratchet.

Step 2: Disconnect Mass Air Flow Sensor (4), Temperature Sensor (5) and Humidity Sensor (6). (if equipped)

Step 3: Loosen all tube clamps using a 8mm nut driver.

Step 4: Remove the factory intake tube and air box out of the vehicle. (Use an upward pull to release the air box from its mounting grommets).



Figure B

**Refer to Figure B for Steps 5**

Step 5: Slide the aFe performance filter into the air box.



Figure C

**Refer to Figure C for Steps 6-8**

Step 6: Install the trim seal (7) on edge of the aFe air box.

Step 7: Remove the retaining plug (8) from the bottom of the factory air box.

Step 8: Install the plug on the aFe air box.

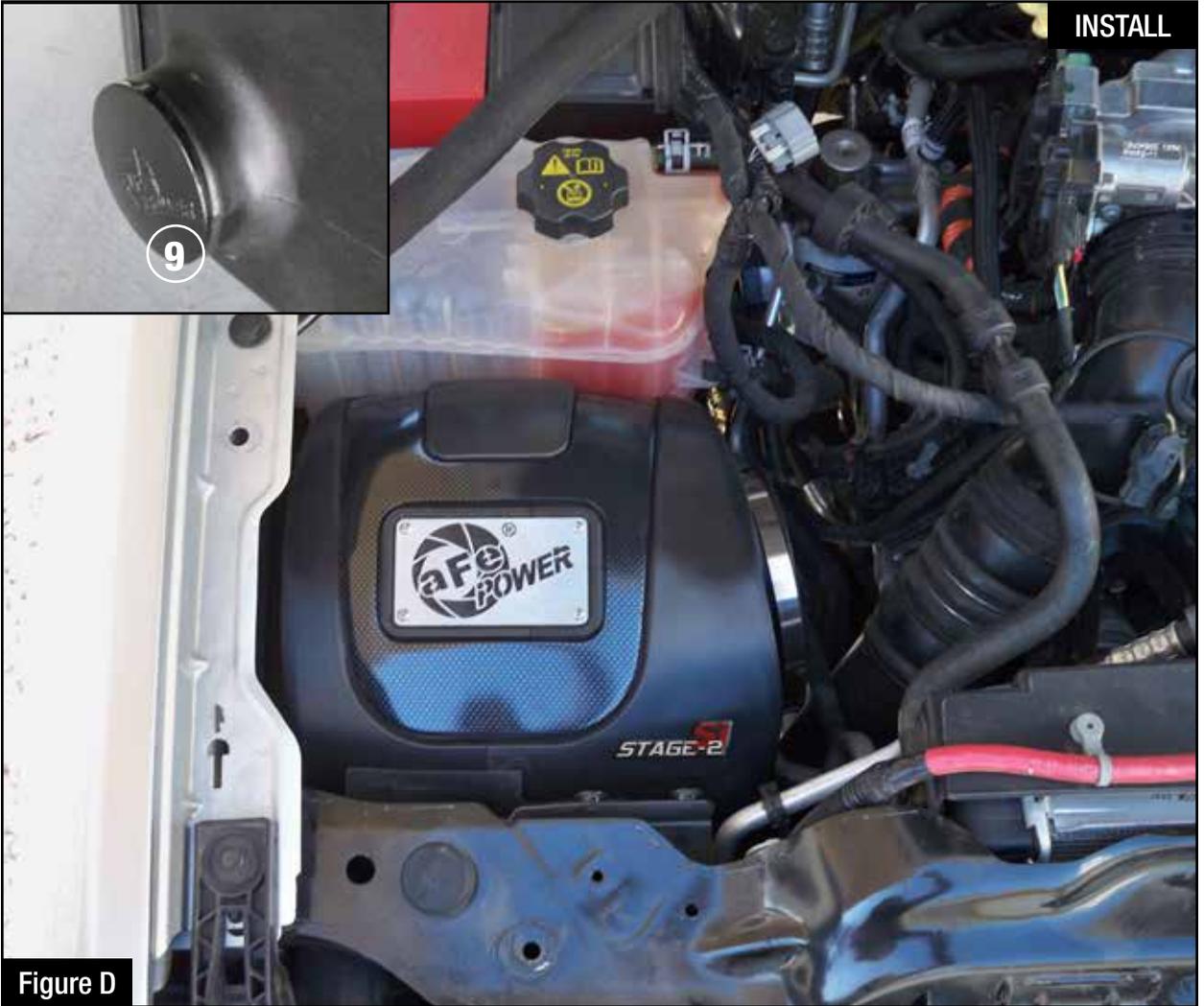


Figure D

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

Step 9: (Optional) To seal up auxiliary opening of air box positioned in front of grill, use supplied plug (9).

Step 10: Install the Stage-2 Si air box into the vehicle. Firmly push it into the factory mounting grommets.

**Figure E****Refer to Figure E for Steps 11-13**

Step 11: Remove Mass Air Flow Sensor and Humidity Sensor from the factory air box using a Torx (T-20) driver.

Step 12: Install Mass Air Flow Sensor (10) and Humidity Sensor (11) (use factory gasket for Humidity Sensor) into the aFe Si intake tube using the supplied M4 x 8mm screws. If vehicle does not have a Humidity Sensor, use the supplied gasket, M4 x 12mm flathead screws, and cover to seal opening.

Step 13: Remove the filter minder and grommet from factory air box. Install factory grommet into the aFe intake tube, then firmly press filter minder into it. If your vehicle is not equipped with a filter minder, just plug off the hole with the provided grommet and cap (12).

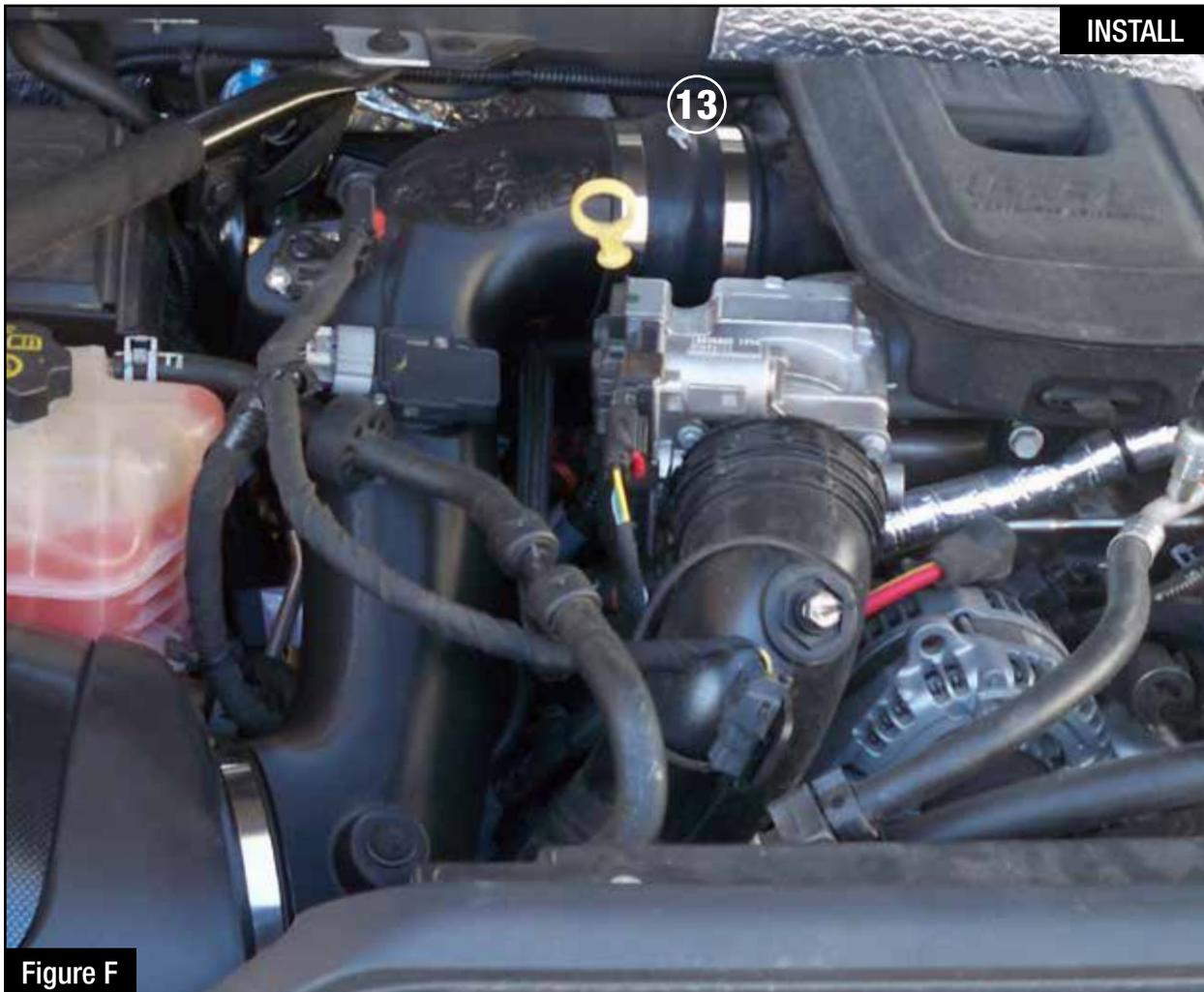


Figure F

**Refer to Figure F for Steps 14-15**

Step 14: Install supplied silicone hump coupler and T-bolt clamps (13) on the aFe intake tube.

Do not tighten clamps at this time.

Step 15: Install the aFe intake tube into the vehicle. Slide the coupling in the turbo inlet tube first.

Then rotate the tube down and slide it into the filter.

Step 16: Tighten all clamps.

**Figure G****Refer to Figure G for Steps 17-19**

Step 17: Re-connect the Mass Air Flow Sensor and Humidity Sensor. Re-connect the temperature sensor by routing harness across the intake tube.

Step 18: Reinstall side bracket and plastic radiator shield.

Step 19: 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.

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