

advanced FLOW engineering

Magnum FORCE Stage-2 Cold Air Intake System

Instruction Manual P/N: 51/54-12332 / 51/54-12332-GR / 51/54-12332-H

Make: GM	Model: Silverado/Sierra 1500	Year: 2014-2018	Engine: V8-5.3L / 6.2L
Make: GM	Model: Silverado LD/Sierra Limited	Year: 2019-2019	Engine: V8-5.3L
Make: GM	Model: Tahoe/Yukon	Year: 2015-2020	Engine: V8-5.3L / 6.2L
Make: GM	Model: Suburban/Yukon XL	Year: 2015-2020	Engine: V8-5.3L / 6.2L
Make: Cadillac	Model: Escalade/ESV	Year: 2015-2020	Engine: V8-6.2L

NOTE: Includes Denali models. (Excludes Vehicles with eAssist Models)

NOTE: CARB E.O. D-550-33 only covers:

2014-2016 Silverado/Sierra 1500 V8-5.3L/6.2L (Flex-Fuel Engine GGMXT05.3382 excluded from V8-5.3L)

2015-2016 Escalade/Escalade ESV/Yukon/Yukon XL V8-6.2L

2015-2016 Tahoe/Suburban/Yukon/Yukon XL V8-5.3L (Flex-Fuel Engine GGMXT05.3382 Hybrid excluded)



- 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	1	Pro DRY S Air Filter	21-91051 (Gray Media)
A2	1	Pro 5R Air Filter	24-91051 (Blue Media)
B	1	Housing	05-00780
C1	1	Tube	05-12332B1
C2	1	Tube	05-12332GR1
C3	1	Tube	05-12332H1
D	1	Coupling, Silicone Hump	05-01264
E	1	Coupling, Reducer	05-01203
F	1	Coupling, Elbow	05-01226
G	1	Plug	05-01180
H	1	Screw, M6x1x20	03-50241
I	1	Seal, Trim (21")	05-00072
J	5	Screw, M6x.1x10	03-50113
K	1	Adaptor	05-00611
L	2	Screw Torx, M4 x.7 x 8mm	03-50491
M	2	Clamp, 056	03-50009
N	2	Clamp, 064	03-50006
O	4	Clamp, Mini 010	03-50078
P	1	Hose, Fuel (14" inches)	05-00069
Q	1	Hose, Fuel (12.5" inches)	05-00069

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



**Figure A****Refer to Figure A for Steps 1-3**

Step 1: Disconnect the MAF sensor plug ① from stock intake tube.

Step 2: Loosen clamp from OE air box housing and OE Intake tube ②.

Step 3: Loosen clamp from throttle body ③.

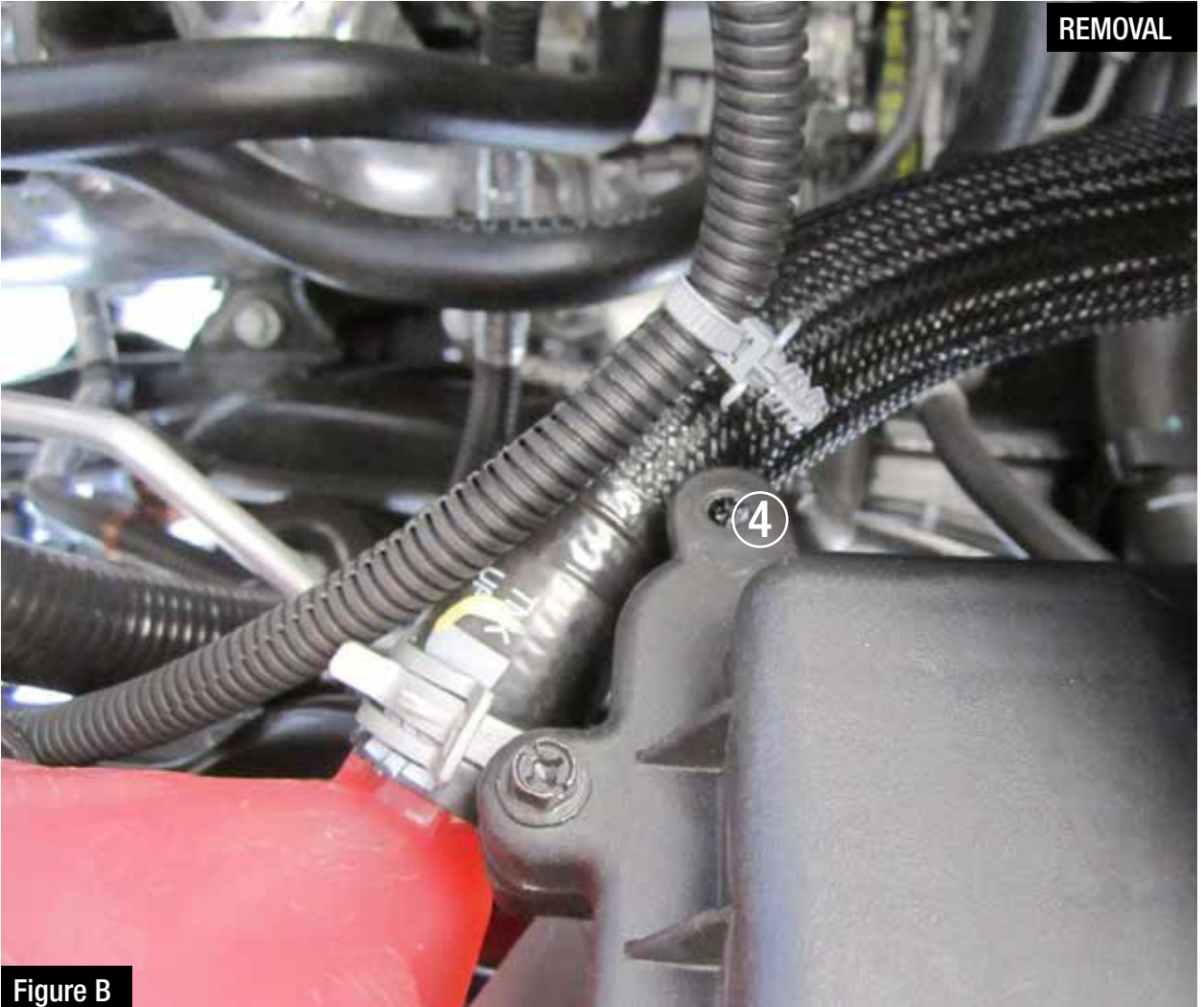


Figure B

Refer to Figure B for Steps 4-5

Step 4: Disconnect the MAF sensor harness clip (4) from the OE air box.

Step 5: Remove OE air box from vehicle.



Refer to Figure C for Steps 6-7

Step 6: Disconnect the OE crank case breathers from the valve covers (as shown) on both sides of the engine.

Step 7: Carefully remove the entire intake tube plenum with the crank case breather plugs attached.

**Figure D****Refer to Figure D for Steps 8-9**

Step 8: Remove MAF sensor (5) from the factory housing.

Step 9: Install MAF sensor (6) from the factory housing into the aFe intake tube using the provided screws.



Figure E

Refer to Figure E for Steps 10-11

Step 10: Install filter adaptor (7) using supplied screws onto aFe intake housing.

Step 11: Install seal trim (8) onto upper edge of aFe housing.



Figure F

Refer to Figure F for Step 12

Step 12: 2011 and newer 6.2L trucks have an extra sensor (9) on the air box. Transfer this sensor to the new aFe housing. With all other trucks without sensor, plug the unused hole with supplied plastic push plug.

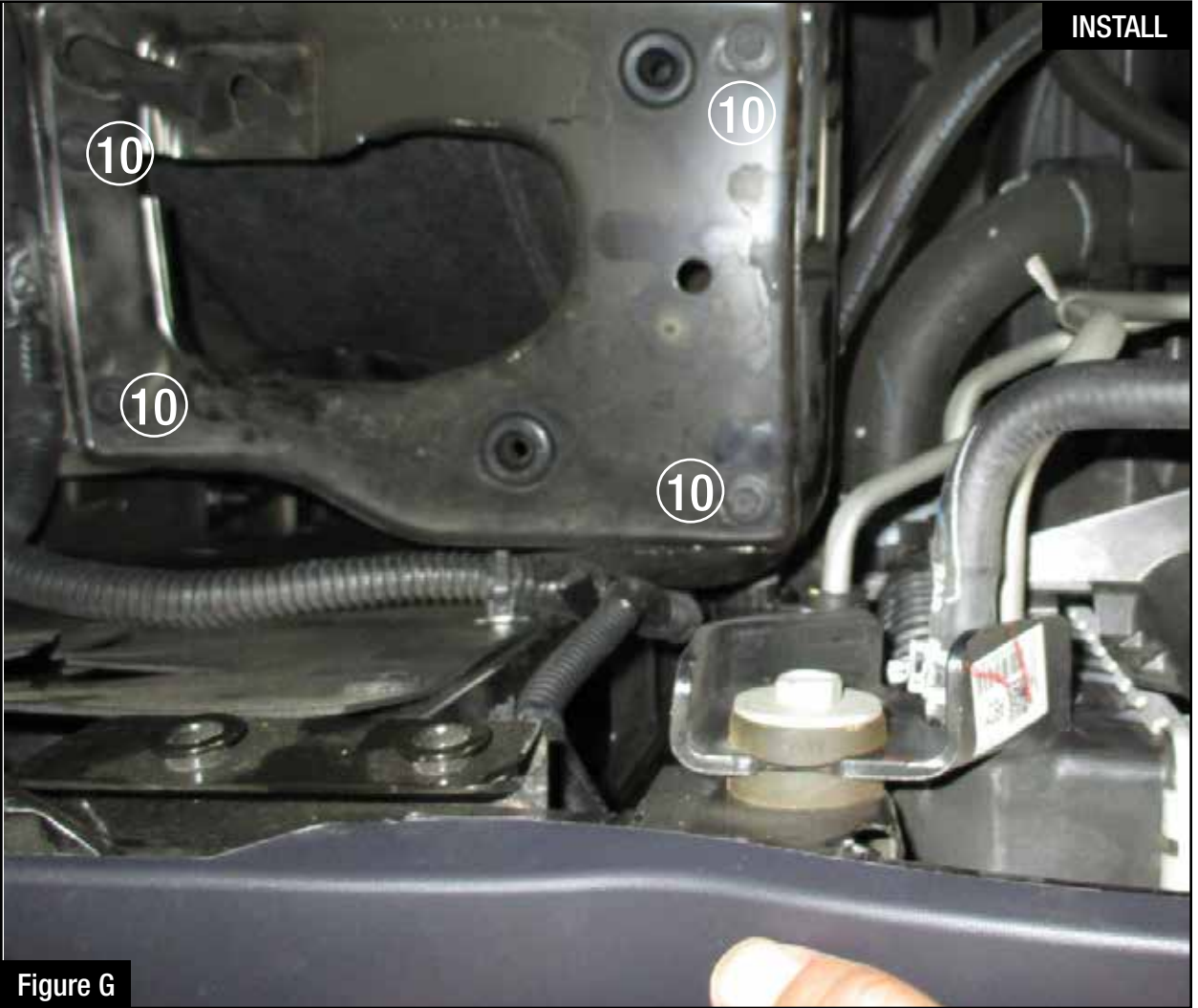


Figure G

Refer to Figure G for Steps 13-14

Step 13: Remove the 4 bolts (10) from the stock air box bracket and save them for later use.

Step 14: Remove air box bracket from vehicle.

**Figure H****Refer to Figure H for Steps 15-18**

- Step 15: Remove top bolt from reinforcement bar (11) and loosen bottom bolt. Swivel reinforcement bar out of the way as pictured.
- Step 16: Using the 4 bolts (12) from step 13, install the aFe intake housing.
- Step 17: Install the elbow coupling (13) onto the filter adaptor.
- Step 18: Install aFe intake tube onto the elbow coupling


Figure I

Refer to Figure I for Steps 19-26

Step 19: Install air filter using supplied screw clamp ⑭.

Step 20: Install the coupler ⑮ onto the throttle body with the provided clamps.

Use the hump coupling for V8-5.3L or the reducer coupling for the V8-6.2L

Step 21: Install intake tube onto the throttle body coupler.

Step 22: Adjust elbow coupler and intake tube and tighten clamps.

Step 23: Install supplied crank case breather hoses ⑯ onto engine and intake tube using supplied clamps and tighten (longer breather hose installs on driver side.)

Step 24: Using pliers reposition coolant hose pinch clamps ⑰ and hoses on coolant reservoir clockwise to clear intake tube if necessary.

Step 25: Reconnect MAF sensor harness ⑱.

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

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