

**advanced FLOW engineering** Magnum FORCE Stage-2 Air Intake  
**Instruction Manual** P/N: 51-12822 / 54-12822

Make: **Ford** Model: **Mustang EcoBoost** Year: **2015-2020** Engine: **L4-2.3L (t)**

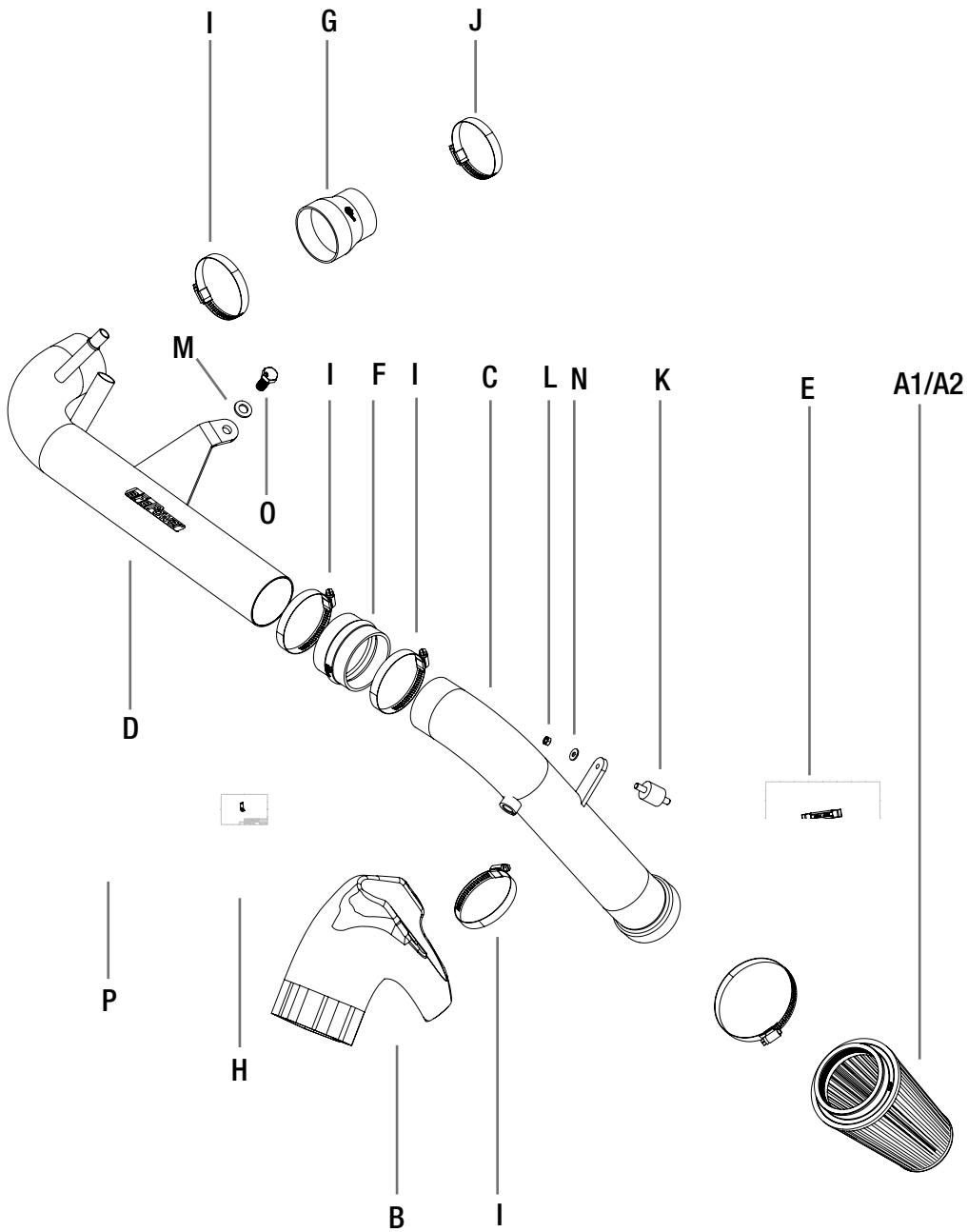


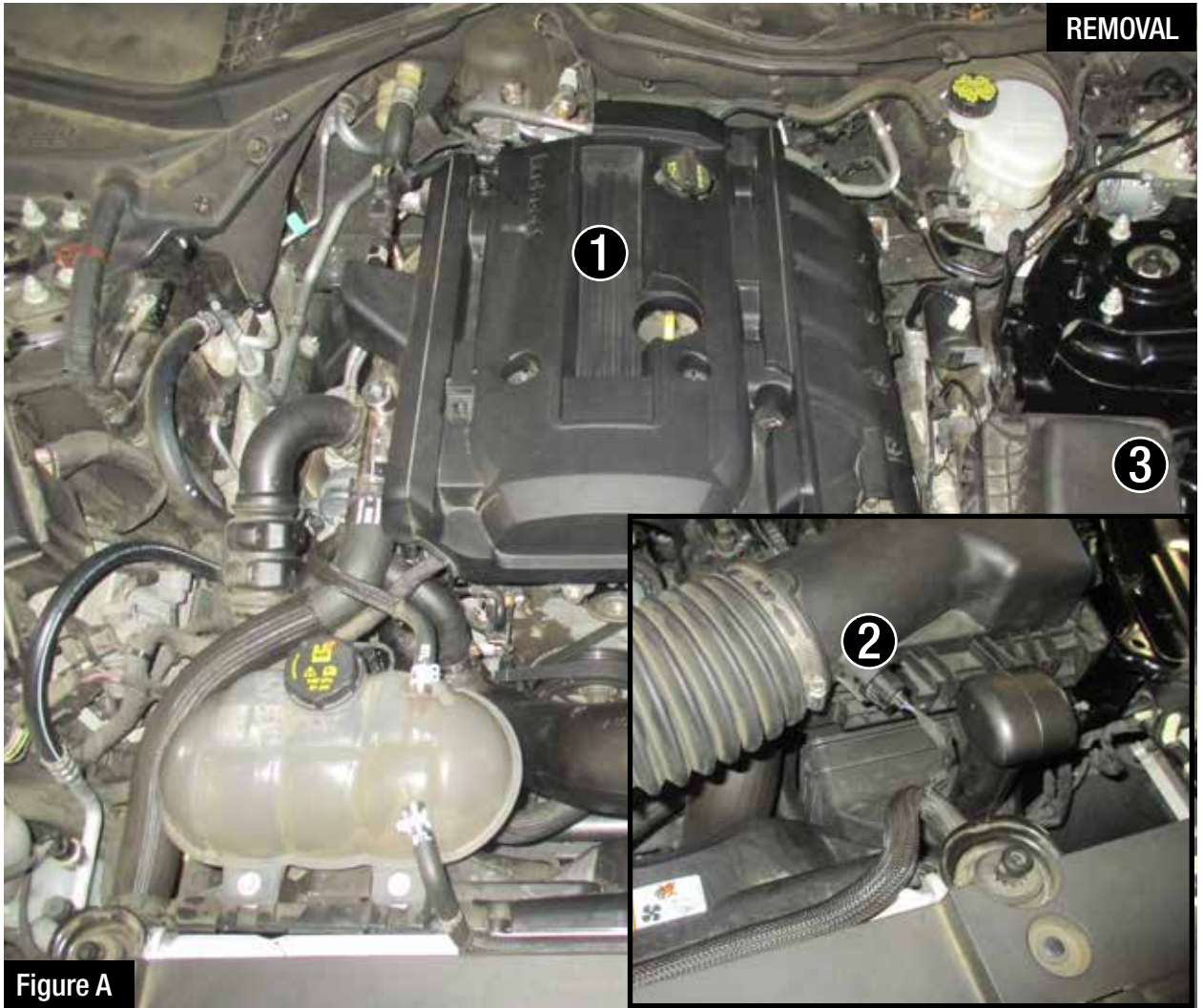
- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support at 951-493-7100.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine 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	21-35508 (Gray Media)
A2	1	Pro 5R Air Filter	24-35508 (Blue Media)
B	1	Scoop	05-12822B3
C	1	Tube 1 of 2	05-12822B1
D	1	Tube 2 of 2	05-12822B2
E	1	Sleeve, Urethane	05-01390
F	1	Coupling, Silicone Hump	05-01245
G	1	Coupling, Silicone Reducer	05-01333
H	1	Bracket, Aluminum	05-00744
I	4	Clamp, #048	03-50007
J	1	Clamp, #044	05-50019
K	1	Isolation Mount	03-50022
L	2	Nut, Hex: M6x1	03-50059
M	3	Washer, Flat: M6	03-50070
N	1	Washer, Flat: M12	03-50485
O	1	Screw. Hex Hd: M12x1.75x30	03-50486
P	1	Screw, Hex Hd: M6x1x20	03-50057

Tools needed: Tools needed: 8mm and 10mm nut driver or socket, flat screw driver, and T20 torx driver.

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





### **Refer to Figure A for Steps 1-6**

Step 1: Remove the engine cover (1).

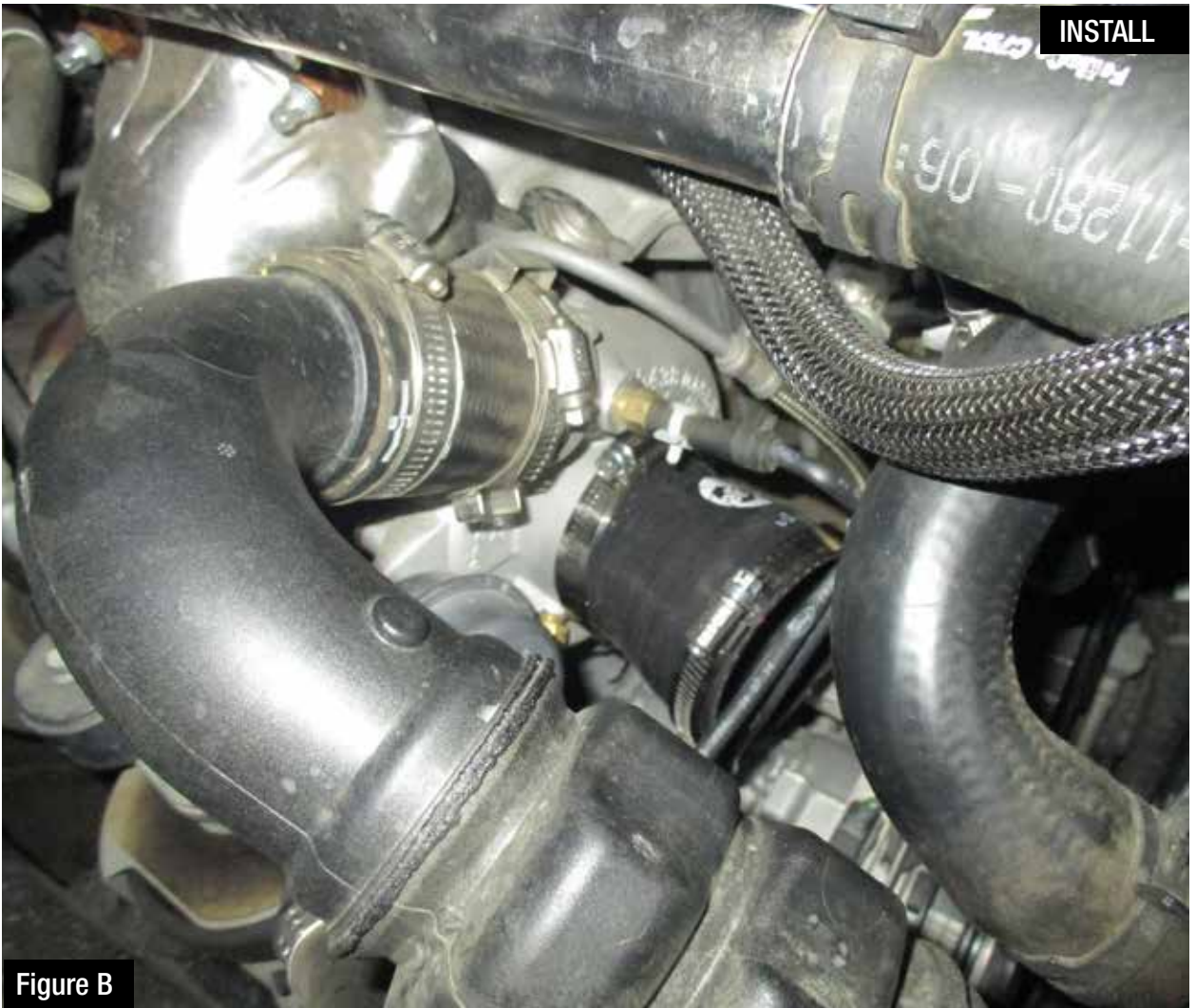
Step 2: Detach the temperature sensor from the stock air box (2).

Step 3: Loosen the clamp on the recirculating hose and detach from stock intake tube, Along with crank case hose.

Step 4: Loosen the clamp on the stock intake tube connecting to the turbo with a 7mm nut driver.

Step 5: Remove the 10mm screw securing the stock air box (3).

Step 6: Remove the stock intake system by pulling it upwards out of the vehicle.



**Refer to Figure B for Step 7**

Step 7: Install the aFe reducer coupling with clamps onto the turbo inlet tube, do not tighten clamps at this time.

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

Step 8: Install the aFe tube into the coupling and with the supplied M12 bolt (4) and washer loosely secure the tube bracket to the engine and slide the hump coupling with clamps onto the end of the intake tube.

Step 9: Re-connect the crank case fitting along with the recirculating hose.



Figure D

**Refer to Figure D for Step 10**

Step 10: Remove the chassis ground bolt and replace with the supplies isolation mount (5).

REMOVAL



Figure E

**Refer to Figure E for Step 11**

Step 11: Remove the push clips and screws holding the driver side splash pan guard to gain access into the inner fender well and bumper (6).





Figure F

**Refer to Figure F for Step 12**

Step 12: To make room for the filter, relocate the horn closest to the firewall with the supplied bracket, screw, washers and nut.



INSTALL

Figure G

**Refer to Figure G for Steps 13-17**

Step 13: Open the supplied clamp and slide through the slots on the aFe air scoop.

Step 14: Install the aFe air scoop into the vehicle over the stock air intake inlet location.

Step 15: Install the filter intake tube into the vehicle in the hump coupling and isolation mount with washer and nut, do not tighten clamps and nut at this time.

Step 16: Insert the aFe urethane sleeve between the intake tube and clamp to avoid damaging the powder coat on the intake tube. Close off the clamp but do not fully tighten at this time.

Step 17: Insert the temperature sensor into the aluminum fitting, secure it by turning clockwise.

INSTALL



Figure H

**Refer to Figure H for Steps 18-19**

Step 18: Install the aFe filter from the bottom opening of the vehicle onto the intake tube and tighten filter clamp.

Step 19: Re-install the splash pan guard, refer to Step 11.



Figure 1

**Refer to Figure 1 for Steps 20-23**

Step 20: Aight tubes and start tightening all clamps starting with the turbo inlet coupling along with M12 bolt and nut on isolation mount.

Step 21: Re-install the engine cover.

Step 22: Verify all clamps, screws and nuts are tight.

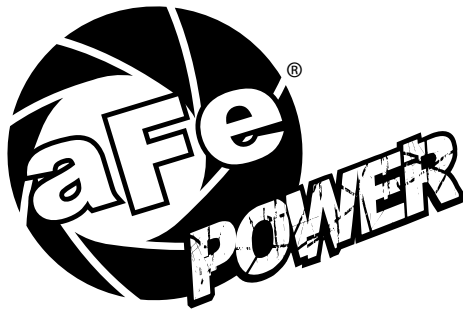
Step 23: your installation is now complete. Thank you for choosing aFePower!

**NOTE: Retighten all connections after approximately 100-200 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 inspection.**

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