

advanced FLOW engineering

Instruction Manual P/N: 51-12102-P / 54-12102-P

Make: **Ford** Model: **Mustang** Year: **2011-2014** Engine: **V6-3.7L**



- 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	Air Filter (Pro DRY S)	21-90015
A2	1	Air Filter (Pro 5R)	24-91007
B	1	Housing (Wrinkle Black)	05-01084
C	1	Tube (Polished)	05-12102-P1
D	1	Adaptor, Injection Molded: 5.5"	05-00611
E	1	Coupling, Silicone Elbow Reducer	05-01353
F	1	Coupling, Hump	05-00564
G	1	Clamp, 072	03-50010
H	1	Clamp, 060	03-50002
I	2	Clamp, 048	03-50007
J	1	Seal, Trim: 3/4" (32.75 length)	05-00789
K	5	Screw, Button Head: M6x1x12	03-50102
L	2	Screw, Cheese Head: M4x.7x8	03-50034
M	1	Torx Bit: T20	03-50066
N	1	Cap: 3/8"OD	03-50119
O	1	Clamp, Mini 006	03-50025

Installation will require the following tools:

8mm nut driver, 10mm nut driver, flat head screw driver, T20 torx bit (provided), 4mm allen hex key

This intake is 50-state legal (CARB EO D-550-15).



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

Step 1: Disconnect the MAF sensor vent. ①

Step 2: Un-clip the crank case vent. ②

Step 3: Loosen the throttle body clamp using an 8mm nut driver. ③

Step 4: Un-clamp the top portion of the stock airbox. Remove the tube and stock airbox cover together in one piece. ④



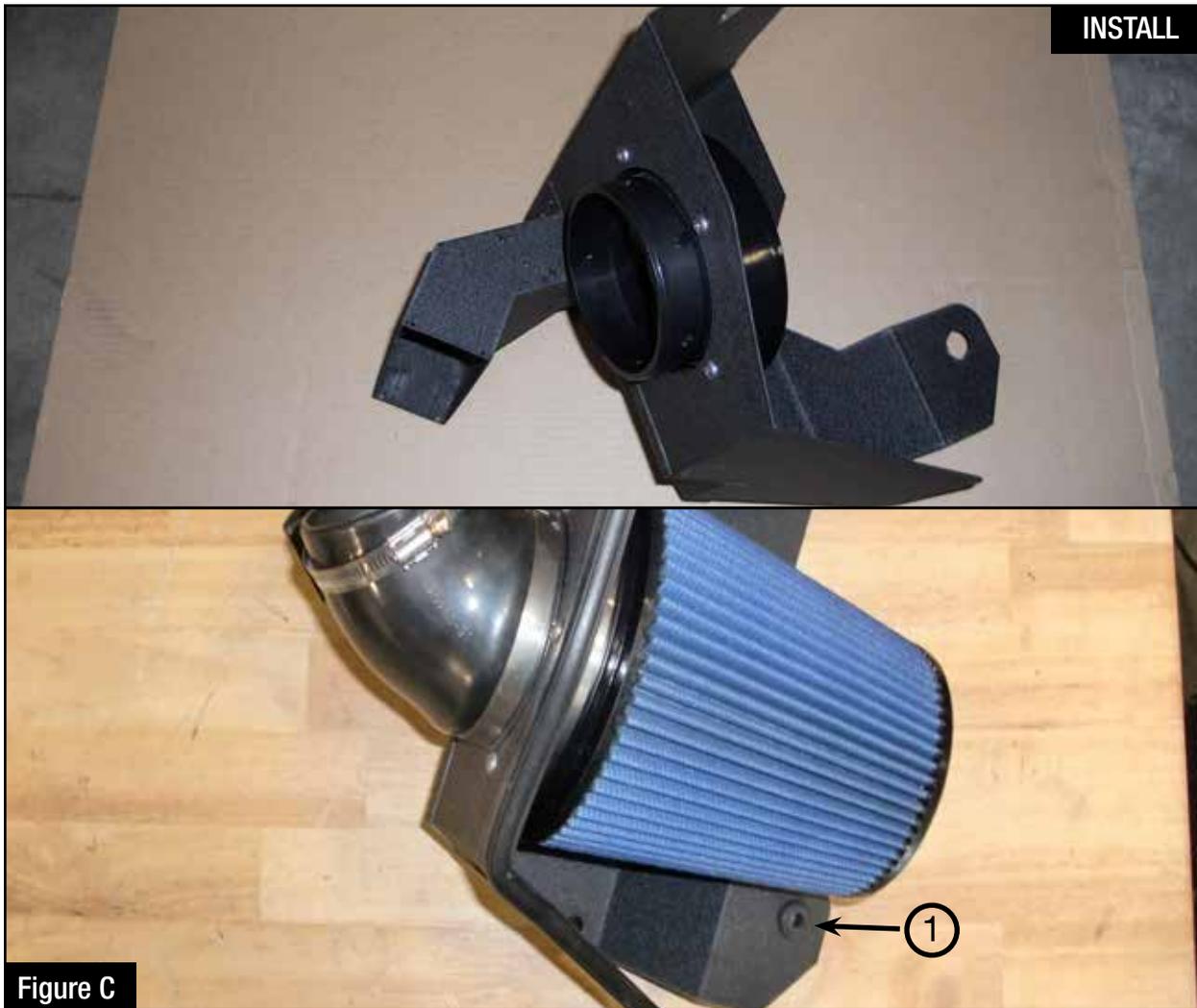
Figure B

Refer to Figure B for steps 5-7

Step 5: Remove the (OE) stock air filter.

Step 6: Remove the bolt holding down the lower portion of the stock airbox using a 10mm nut driver.

Step 7: Remove the lower portion of the stock airbox. *(Make sure that the OE grommets stay in their location, the aFe housing will need them to secure in place.)* (5)


Figure C

Refer to Figure C for steps 8-11

Step 8: Pre-assemble the aFe housing. Remove the grommet located in the lower portion of the stock airbox and place on the aFe housing. (6)

Step 9: Install the injection molded adaptor to the aFe housing. Use the M6 screws, then tighten down the adaptor using a 4mm allen hex key.

Step 10: Pre-assemble the angle coupling and secure by using the clamps provided, **do not tighten down.**

Step 11: Install air filter using an 8mm nut driver.



Figure D

Refer to Figure D for steps 12-13

Step 12: Remove the MAF sensor from the stock airbox cover using a t-20 torx bit (provided). ⑦

Step 13: Install the MAF sensor into the aFe intake tube using the supplied hardware. Tighten down using a flat head screw driver.



Figure E

Refer to Figure E for steps 14-15

Step 14: Install the pre-assembled aFe housing. Bolt down using factory bolt from lower portion of the stock airbox. Tighten down using a 10mm nut driver.

Step 15: Loosely place clamps on hump coupling and place part onto the throttle body. **Do not tighten down.**



Figure F

Refer to Figure F for steps 16-21

Step 16: Install the intake tube. Adjust the couplings for best fit.

Step 17: Tighten the coupling clamps using an 8mm nut driver.

Step 18: Plug in the MAF sensor plug.

Step 19: On automatic transmission applications reconnect rubber hose with clamp. (8)

On manual transmission applications use sealing cap. (9)

Step 20: Reattach crankcase vent tube. (10) Your installation is now complete, enjoy!

Step 21: Secure all clamps. Your installation is now complete, enjoy!

Note: Re-tighten all connections after approximately 100-200 miles of initial installation.



Pro DRY S Air Filter



P/N: 21-90015

Pro 5R Air Filter



P/N: 24-91007

Pre-Filters



P/N: 28-10113

Pro DRY S Restore Kit



P/N: 90-59999

Blue Aerosol Restore Kit



P/N: 90-50001

Blue Squeeze Restore Kit



P/N: 90-50501

aFe POWER Hat



P/N: 40-10114 S/M
P/N: 40-10115 L/XL

Warranty

General Terms:

- aFe warrants their products to be free from manufacturer's defects due to workmanship and material.
- This warranty applies only to the original purchaser of the product and is non-transferrable.
- Proof of purchase of the aFe product is required for all warranty claims.
- Warranty is valid provided aFe instructions for installation and/or cleaning were properly followed.
- Proper maintenance with regular inspections of product is required to insure warranty coverage.
- Damage due to improper installation, abuse, unauthorized repair or alteration is not warranted.
- Incidental or consequential damages or cost, including installation and removal of part, incurred due to failure of aFe product is not covered under this warranty.
- All warranty is limited to the repair and/or replacement of the aFe part. To request Return Goods Authorization ("RGA"), email RGA@afepower.com or call (951)493-7100. Upon receipt of the RGA, you must return the product to the address provided in the RGA, freight prepaid and accompanied with a dated proof of purchase and the RGA. Upon receipt of the defective product and upon verification of proof of purchase, aFe will either repair or replace the defective product within a reasonable time, not to exceed thirty days.

Product Category	P/N Prefix	Warranty duration
Direct OE Replacement Filters	10, 11, 30, 31, 71, 73	Life of the vehicle
Racing Filters	18	1 year
Universal	21, 24, 72	2 years
Air Intake Systems	50, 51, 54, 55, 75	2 years
Exhaust Systems	49	2 years
Intercoolers & Intercooler Tubes	46-2	2 years
Intake Manifolds	46-1	2 years
Differential Cover/Transmission Pan	46-7	Life of the vehicle
Exhaust Manifolds	46	2 years
Throttle Body Spacers	46-3	2 years
Fluid Filters	44	90 days
Pre-Filters	28	2 years
Heavy Duty OE Replacement	70	2 years
PowerSports OE Replacement	81, 87	2 years
PowerSports Intake Systems	85	2 years

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advanced FLOW engineering, inc.

252 Granite Street Corona, CA 92879

TEL: 951.493.7100 • TECH: 951.493.7134

E-Mail: Tech@aFepower.com