

**advanced FLOW engineering**

**Instruction Manual** P/N: 51/54-11982-P & 51/54-11982-B

---

Make: **Ford** Model: **Mustang GT** Year: **2011-2013** Engine: **V8-5.0L**



- 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	21-90015 (Included in 51-11982-P/B)
A2	1	Pro 5R Air Filter	24-91007 (Included in 54-11982-P/B)
B	1	Housing	05-01084
C	1	Intake Tube, Polished	05-11982P1 (5x-11982-P Only)
D	1	Intake Tube, Wrinkle-Black	05-11982B1 (5x-11982-B Only)
E	1	Hump Coupling	05-00565
F	1	Reducer Coupling	05-00033
G	1	Injection Molded Adaptor	05-00611
H	1	Seal Trim - 32.75"	05-00789
I	3	Clamp #60	03-50002
J	1	Clamp #72	03-50010
K	5	Button Head Screw	03-50102
L	2	Cheese Head Screws	03-50034
M	1	T20 Torx Bit	03-50066
N	1	Cap	03-50119

Installation will require the following tools:

T20 Torx (Furnished), Flat Screw Driver, Ratchet, 10mm Socket, Pliers, 1/4" & 5/16" Nut Driver

Note: Legal in California for use on race vehicles only. The use of this device on vehicles used on public streets or highways is strictly prohibited in California and others states that have adopted California emission regulations.



**Figure A****Refer to Figure A for steps 1-7**

- Step 1. Remove the engine cover by pulling up on each of the 4 corners.
- Step 2. Disconnect the 3 hoses from the air intake tube (Manual vehicles have only 2 hoses).
- Step 3. Loosen the hose clamps on each end of the air intake tube.
- Step 4. Remove the air intake tube from the vehicle.
- Step 5. Disconnect the wiring harness from the Mass Airflow (MAF) sensor.
- Step 6. Remove the air filter housing mounting bolt from the air filter housing.
- Step 7. Remove the air filter housing from the vehicle.

REMOVAL

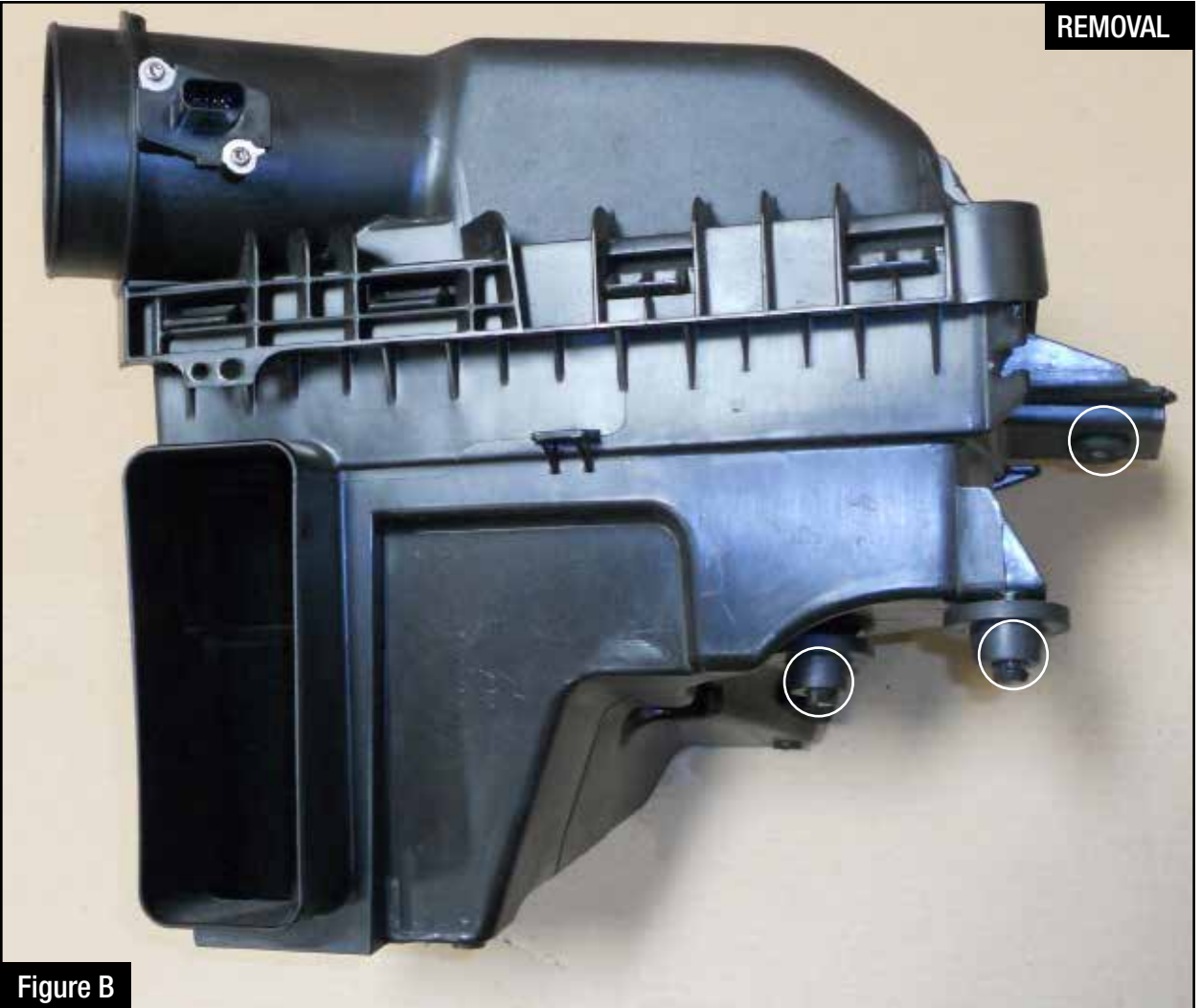


Figure B

**Refer to Figure B for step 8**

Step 8. Remove the 3 mounting grommets from the OE air filter housing.



Figure C

**Refer to Figure C for step 9**

Step 9. Install the 3 mounting grommets on the aFe air filter housing.



Figure D

**Refer to Figure D for step 10**

Step 10. Attach the supplied air filter adapter to the aFe air filter housing using the supplied button head screws.



Figure E

**Refer to Figure E for step 11**

Step 11. Install the trim seal on the outer edge of the air filter housing.





**Refer to Figure F for steps 12-15**

Step 12. Install the aFe air filter housing in the vehicle and secure with the OE mounting bolt.

Step 13. Install the reducer coupling to the air filter adapter and secure with the supplied clamp, loosely install a second clamp on the open end of the coupling.

Step 14. Install the aFe air filter on the air filter adapter.

Step 15. Install the hump coupling on the throttle body and secure with the supplied clamp, loosely install a second clamp on the open end of the coupling.



Figure G

**Refer to Figure G for step 16**

Step 16. Remove the MAF sensor from the OE air filter housing and install on the aFe air intake tube using the supplied screws.

**Figure H****Refer to Figure H for step 17-21**

- Step 17. Install the aFe air intake tube in the vehicle, properly align the tube prior the tightening the clamps.
- Step 18. Connect the 3 hoses to the aFe air intake tube (Use the provided cap to close off the extra fitting on the manual vehicle).
- Step 19. Connect MAF sensor.
- Step 20. Install the engine cover.
- Step 21: Re-connect the battery. Installation is now complete.

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



Pro DRY S Air Filter



P/N: 21-90015

Pro 5R Air Filter



P/N: 24-91007

Pre-Filters



P/N: 28-10111 Yellow  
P/N: 28-10113 Black  
P/N: 28-10114 Blue

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 Programmer



P/N: 77-43002

aFe Key Chain



P/N: 40-10103

# 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](mailto: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.

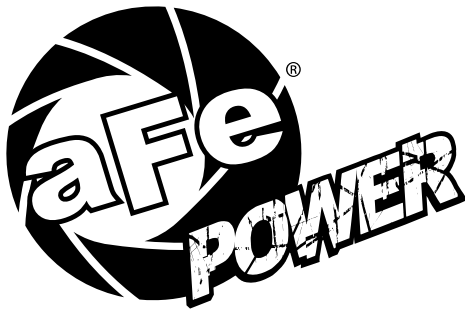
<b>Product Category</b>	<b>P/N Prefix</b>	<b>Warranty duration</b>
Direct OE Replacement Filters	10, 11, 30, 31, 71, 73	Life of the vehicle
Racing Filters	18	1 year
Universal	21, 24, 72	2 years
Air Intake Systems	50, 51, 54, 55, 75	2 years
Exhaust Systems	49	2 years
Intercoolers & Intercooler Tubes	46-2	2 years
Intake Manifolds	46-1	2 years
Differential Cover	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

No other warranty expressed or implied applies nor is any person or advanced FLOW engineering authorized to assume any other warranty. Some States do not allow the exclusion or limitation of incidental or consequential damages or do not allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.



Page left blank intentionally

Page left blank intentionally



**advanced FLOW engineering, inc.**

252 Granite Street Corona, CA 92879

TEL: 951.493.7100 • TECH: 951.493.7100 x23