

advanced FLOW engineering

Stage 2

Instruction Manual P/N: 51-11782/54-11782

Make: **Ford** Model: **Mustang GT** Year: **2010** Engine: **V8-4.6L**



- 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	R21-90015 Grey Media (Included in 51-11782)
A2	1	Pro 5R Air Filter	R24-90015 Blue Media (Included in 54-11782)
B	1	Housing	05-01084
C	1	Intake Tube	05-01083
D	1	Seal Trim 32"	05-00007
E	1	Hose 18"	05-00110
F	1	Straight Coupling	05-00421
G	1	Hump Coupling	05-00794
H	1	Filter Adaptor	05-00611
I	4	Clamp #72	03-50010
J	1	Mini Clamp	03-50093
K	1	Brass Hose Nipple	03-50193
L	1	MAS Gasket	05-00631
M	5	Button Head Screws	03-50113
N	2	Phillips Head Screws	03-50045

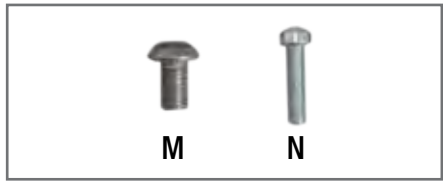
Installation will require the following tools:

4mm Hex Key, Needle-Nose Pliers, 7/16" Socket, 5/16" Socket or Nut Driver, T25 Torx Bit, 5 Star Security Torx Bit (If available), Ratchet, Extension, Phillips & Flat-Head Screw 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.



OR





Refer to Figure A for steps 1-5

Step 1: Loosen the clamp (1) securing the intake tube to the throttle body.

Step 2: Disconnect the vent tube (2) and the sound tube (3) from the intake tube.

Step 3: Disconnect the wiring harness (4) from the MAS airflow sensor.

Step 4: Release the clips (5) securing the upper air box to the lower air box. Disconnect the wiring harness (6) from the air box and remove the top portion of the intake from the vehicle.

Step 5: Remove the MAS airflow sensor from the OE intake tube.

**Figure B****Refer to Figure B for step 6**

Step 6: Disconnect the OE crankcase breather line (7) from the valve cover fitting and remove the breather line from the vehicle.



Figure C

Refer to Figure C for steps 7-8

Step 7: Remove the bolt (8) securing the lower air box to the vehicle and remove the lower air box from the vehicle.

Step 8: Remove the isolation mounts from the underside of the air box. Remove the grommet and washer and place to the side for later use.



Figure D

Refer to Figure D for steps 9-12

Step 9: Install the supplied trim seal (D) to the air filter housing (B).

Step 10: Install the supplied filter adapter (H) to the housing using supplied button head screws (M).

Step 11: Install 2 OE isolation mounts on the underside of the aFe air filter housing.

Step 12: Install the OE grommet and washer in the aFe air filter housing.

**Figure E****Refer to Figure E for steps 13-17**

- Step 13: Install the pre assembled air filter housing in the vehicle and secure with the OE mounting bolt.
- Step 14: Install MAS sensor in the aFe intake tube using supplied phillips head screws and MAS gasket.
- Step 15: Install the crankcase vent nipple in the aFe intake tube.
- Step 16: Install aFe intake tube and secure to the throttle body with the supplied hump coupling and 2 # 72 clamps.
- Step 17: Secure the opposite end of the tube to the air filter adapter with the supplied straight coupling and 2 #60 clamps.

COMPLETED
INSTALL



Figure F

Refer to Figure F for steps 18-21

Step 18: Use the supplied crankcase vent hose to connect the valve cover fitting to the installed nipple on the aFe intake tube.

Step 19: Attach the sound tube to the aFe intake tube using the supplied mini clamp (J).

Step 20: Reconnect the wire harness to the MAS sensor.

Step 21: Install the air filter on the air filter adapter and secure with the provided clamp.



Pro DRY S Air Filter



P/N: 21-90015

Pro 5R Air Filter



P/N: 24-90015

Pre-Filters



P/N: 28-10101 Yellow
P/N: 28-10102 Red
P/N: 28-10103 Black
P/N: 28-10104 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 Hat



P/N: 40-10083

aFe Key Chain

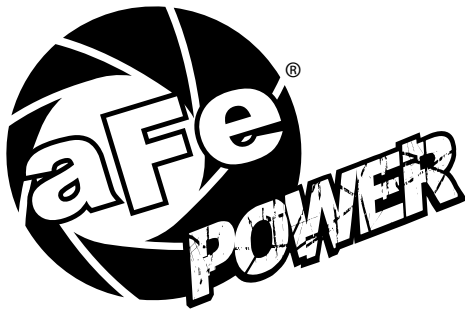


P/N: 40-10103

To purchase any of the items above, view airflow charts, dyno graphs, photos, and video please go to aFepower.com.

Warranty

aFe warrants their intake systems to be free of defects from workmanship and materials for a period of two (2) years, provided the intake system was: A) installed in an aFe recommended application according to aFe installation instructions; and B) the air filter has been properly cleaned utilizing an aFe cleaning solution and oil (not applicable on Pro DRY S filters). Damage from abuse, improper cleaning, improper oil and improper installation or from open flame is not covered by this limited warranty. In the event of a defect of an aFe product within the period covered by this limited warranty, the purchaser can return the product to the dealer where it was purchased or send the product to aFe at the address listed on the back after obtaining a Return Good Authorization (RGA) number from aFe. The original register receipt will be required as proof of purchase. Purchaser will be entitled to a refund of the entire purchase price or a replacement of the product at aFe's discretion. Purchaser shall be responsible for the cost of shipping the defective product to aFe. An RGA number can be obtained by calling aFe customer service. Products shipped without an RGA number will be refused. A refund or replacement of the product shall be the sole remedy available under this limited warranty and aFe shall not be responsible for consequential or incidental damages. (Some states do not allow this exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply). This warranty gives you specific legal rights, and you may have other rights, which vary from state to state.



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