



**advanced FLOW engineering**

**Instruction Manual** P/N: 51-81752 & 54-81752

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Make: **Chevrolet/GMC** Model: **Trucks/SUVs** Year: **09-12** Engine: **V8-4.8/5.3/6.0/6.2L**



- 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.
- 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 (Gray Media)
A2	1	Pro 5R Air Filter	24-90015 (Blue Media)
B	1	Housing	05-00669
C	1	Adaptor	05-01042
D	1	Tube	05-00765
E	1	3/8" Fuel Hose - 14"	05-00110
F	1	Cover	05C00669
G	2	Clamp #064	03-50006
H	1	Clamp #060	03-50002
I	1	Clamp #072	03-50010
J	1	Reducer Coupling	05-00020
K	1	Straight Coupling	05-00421
L	1	Nipple	03-50193
M	1	Socket Head Screw	03-50241
N	1	1/2" Plug	05-01180
O	1	Washer	03-50058
P	9	Button Head Screw	03-50113

Installation will require the following tools:

4mm Hex Key, 9/16 Wrench, 5/16 Nut Driver, 10mm Socket & Ratchet.





Figure A

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

Step 1. Remove Engine Cover.

Step 2. Loosen the clamps attaching the tube to the intake housing and throttle body.

Step 3. Disconnect the wire harness from the MAF Sensor.



Figure B

**Refer to Figure B for step 4-6**

Step 4. Remove the stock breather line from the engine. (Note: breather line has a push clip to remove)

Step 5. Remove the stock housing by lifting up and out.

Step 6. Detach the coolant hose support clip from the stock intake tube.



Figure C

**Refer to Figure C for step 7**

Step 7. Remove stock intake tube from vehicle.



Figure D

**Refer to Figure D for step 8**

Step 8. Remove 4 bolts from stock housing bracket and save them for later use.


**Figure E**

### **Refer to Figure E for step 9-12**

- Step 9. Insert the air filter adaptor into the housing by rotating the MAF Pad through the notch in the hole pattern.
- Step 10. Using (5) Button head screws fasten the air filter adaptor to the aFe intake housing.
- Step 11. Remove the MAF sensor from the stock airbox using a T15 torque bit and driver.
- Step 12. Install the MAF Sensor into the air filter adaptor using stock screws and a T15 torque bit and driver.



INSTALL



Figure F

**Refer to Figure F for step 13**

Step 13. 2011 and newer 6.0 and 6.2L trucks have an extra sensor on the airbox. 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 step 14**

Step 14. Using the stock 4 mounting bracket bolts fasten the aFe housing to the chassis.



Figure H

**Refer to Figure H for step 15**

Step 15. Install supplied couplers, clamps, brass fitting, and breather hose to the aFe intake tube. (Do not tighten clamps.)



**Refer to Figure I for step 16-17**

Step 16. Install the aFe intake tube into the vehicle aligning between both the housing and throttle body coupler.

Step 17. Plug in the breather tube to the existing location on the vehicle.



Figure J

**Refer to Figure J for step 18-19**

Step 18. Install aFe air filter.

Step 19. Tighten all clamps.



Figure K

**Refer to Figure K for step 20-23**

Step 20. Using remaining (4) Button head screws place aFe cover on the aFe housing.

Step 21. Reconnect MAF sensor harness

Step 22. Re-install the engine cover.

Step 23. Your installation is now complete. Make sure all connections are secure and all clamps are tight.

*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 smog inspection.**



Pro DRY S Air Filter



P/N: 21-90015

Pro 5R Air Filter



P/N: 24-90015

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 Key Chain



P/N: 40-10149

aFe Power Hat



P/N: 40-10083

# 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"). 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.