

advanced FLOW engineering

Instruction Manual P/N: 51-31752 / 54-31752

Make: **GM** Model: **Silverado/Sierra** Year: **2009-2013** Engine: **V8-5.3L Electric Fan Only**



- 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 | 21-91065 (Gray Media) |
| A2 | 1 | Pro 5R Air Filter | 24-91065 (Blue Media) |
| B | 1 | Housing | 05-31752B2 |
| C | 1 | Tube | 05-31752B1 |
| D | 1 | Coupling Straight | 05-01203 |
| E | 1 | Clamp #056 | 03-50009 |
| F | 1 | Clamp #060 | 03-50002 |
| G | 1 | Hose, 3/8" (15 Inches) | 05-00110 |
| H | 1 | Seal Trim 7/16" (24 Inches) | 05-00072 |
| I | 2 | Screws, Torx: M4 x .7x 8 | 03-50491 |
| J | 3 | Spacers, 3/8 L | 03-50289 |

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 1-3**

Step 1: Disconnect the MAF sensor plug from stock intake tube ① .

Step 2: Loosen clamp from OE airbox housing and OE Intake tube ② .

Step 3: Loosen clamp from throttle body ③ .



Refer to Figure B for Step 4

Step 4: Disconnect OE intake tube from the radiator hose clip.



Refer to Figure C for Step 5

Step 5: Remove the OE crank case breather plug from the resonator chamber (as shown) and remove it from where it attaches to the engine.

**Figure D****Refer to Figure D for Steps 6-7**

Step 6: Remove the top portion of the intake housing by removing the four factory screws (4). Retain for later use.

Step 7: Remove the OE filter from the intake housing.

INSTALL



Figure F

REMOVAL



Figure E

Refer to Figure E for Steps 8-9

Step 8: Remove the MAF sensor from the factory housing (Figure E).

Step 9: Install MAF sensor from the factory housing into the aFe intake tube using the provided screws (Figure F).

**Figure F****Refer to Figure F for Steps 10-11**

Step 10: Install the seal trim on the edge of the top corners of the aFe housing.

Step 11: Install aFe filter onto housing along with clamp. Do not tighten.

Step 12: Install aFe filter into housing along with clamp. Make sure it is secured in the filter retention groove that is molded into the filter neck.



Refer to Figure G for Step 12

Step 12: Install aFe housing using the 3 factory screws removed along with the 3 provided 3/8" spacers.



Figure H

Refer to Figure H for Step 13

Step 13: Install silicone coupler on throttle body with provided clamps (5) .

**Figure I****Refer to Figure I for Steps 14-17**

- Step 14: Install aFe intake tube onto the filter, then onto the throttle body coupler.
- Step 15: Install the crank case breather onto the vehicle using the hose provided (6).
- Step 16: Reconnect MAF sensor harness (7).
- Step 17: Make sure all clamps and connections are secure. Your installation is now complete. Thank you for choosing aFe Power!

*Verify all connections are secure 100-200 miles after installation.

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Pro DRY S Air Filter



P/N: 21-91065

Pro 5R Air Filter



P/N: 24-91065

Pro DRY S Restore Kit



P/N: 90-59999

Blue Squeeze Restore Kit



P/N: 90-50501

Throttle Body Spacer



P/N: 46-34003

Cat-Back Exhaust System



P/N: 49-44071-B (Blk Tips)
49-44071-P (Pol Tips)

Side Exit Exhaust System



P/N: 49-44062-B (Blk Tips)
49-44062-P (Pol Tips)

Twisted Steel Headers



P/N: 48-44006-YC (Stree)

Transmission Pan



P/N: 46-70242 (Blk)
46-70240 (RAW)

Oil Filter



P/N: 44-LF012

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

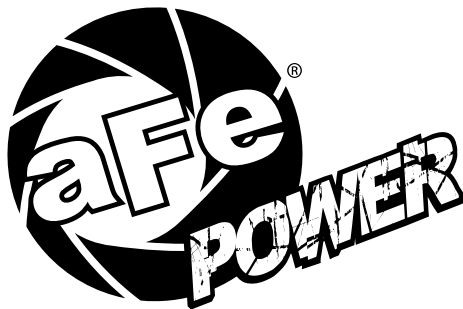
Warranty

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 | 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.



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