

**advanced FLOW engineering**

**Instruction Manual** P/N: 51-12022 & 54-12022

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Make: **Chevrolet** Model: **Camaro** Year: **2012-2015** Engine: **V6-3.6L**



- 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.

## Retain factory parts for future use.

| Label | Qty. | Description                   | Part Number |
|-------|------|-------------------------------|-------------|
| A1    | 1    | Air Filter (Pro 5R)           | 24-91071    |
| A2    | 1    | Air Filter (Pro DRY S)        | 21-91071    |
| B     | 1    | Tube                          | 05-12022B1  |
| C     | 1    | Housing                       | 05-12382B2  |
| D     | 2    | Screw, Chs Hd Slotted M4 x7x8 | 03-50034    |
| E     | 1    | Screw, Hex M6 x 1x12 Gr 8.8   | 03-50032    |
| F     | 1    | Coupling, Silicone 3"         | 05-01245    |
| G     | 2    | Clamp, 048 (2-9/16"-3-1/2")   | 03-50007    |
| H     | 1    | Hose 5/8"                     | 05-00069    |
| I     | 1    | Trim Seal 7/16"               | 05-00072    |
| J     | 1    | Mini Clamp, 7/8"              | 03-50078    |

Installation will require the following tools:

8mm Nut driver, 10mm ¼" Deep Socket, Flat head screw driver, Torx 20 Driver, Ratchet ¼" Drive and ¼" Drive Extension.

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 1-5**

Step 1: Remove Engine Oil Cap ① .

Step 2: Remove Engine cover simply by lifting and pulling off ② .

Step 3: Re-Install Engine Oil Cap ① .

Step 4: Unplug the mass air flow harness ③ .

Step 5: Unplug the breather line from the stock intake ④ .

**Figure B****Refer to Figure B for steps 6-9**

- Step 6: Unscrew the two nuts holding the stock air box. Hold on to the nuts remove, they will be used later for the aFe installation (5) .
- Step 7: Loosen throttle body coupling clamp (6) .
- Step 8: Loosen Ground fitting (7) .
- Step 9: Remove the stock intake system carefully by lifting the intake housing portion up (8) .



Figure C

**Refer to Figure C for steps 10-11**

Step 10: Remove the mass air flow sensor from the stock intake.

Step 11: Insert the mass air flow sensor into the aFe intake. (Use provided screws).

**Figure D****Refer to Figure D for steps 12-14**

Step 12: Install the seal trim to the heat shield housing.

Step 13: Install the aFe filter on the housing by sliding one side through the filter hole. Gently sliding the filter in the hole until its flat against the housing. The filter should be held in place by its molded retention lip and groove.

Step 14: Place the clamp onto the filter.



Figure E

**Refer to Figure E for steps 15-17**

- Step 15: Insert the heat shield housing into vehicle and make sure housing is also in between ground fitting and fender. Use provided hardware and re-use the nut that was removed earlier.
- Step 16: Re-tighten ground fitting and housing (9) .
- Step 17: Place coupling onto throttle body and tighten (Loosely place second clamp on the bottom of the coupling) (10) .





Figure F

**Refer to Figure E for steps 18-21**

Step 18: Slide the aFe intake tube into the aFe filter side first then coupling.

Step 19: Tighten filter clamp and coupling.

Step 20: Re-connect the breather line (Use provided clamp) ⑪ .

Step 21: Re-connect the mass air flow sensor harness ⑫ .



Figure G

**Refer to Figure E for steps 22-23**

Step 22: Remove the engine oil cap and Install engine cover.

Step 23: Re-install engine oil cap.

Installation is complete.

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Pro DRY S Air Filter



P/N: 21-91071

Pro 5R Air Filter



P/N: 24-91071

Blue Squeeze Restore Kit



P/N: 90-50501

Blue Aerosol Restore Kit



P/N: 90-50001

Pre-Filter



P/N: 28-10113

Direct Fit Air Filter



P/N: 30-10175

aFe Power Hat



P/N: 40-10083

To purchase any of the items above, view airflow charts, dyno graphs, photos, and video; please go to [aFepower.com](http://aFepower.com).

# Warranty

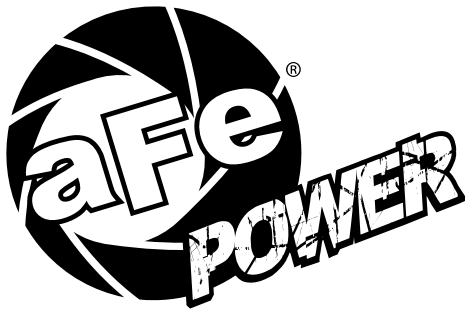
## General Terms:

- 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](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, TF                 | 2 years                  |
| Air Intake Systems               | 50, 51, 54, 55, 75, TR, TA, TL | 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                  |
| Turbochargers                    | 46-6                           | 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.

\*See turbocharger warranty for more info



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