



advanced FLOW engineering Stage-2 Air Intake

Instruction Manual P/N: 51-32322 / 54-32322 / 75-32322

Make: **GM** Model: **Silverado HD/Sierra HD** Year: **2011-2016** Engine: **V8-6.6L (td) LML**



- 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)	24-91040
A2	1	Air Filter (Pro DRY S)	21-91040
A3	1	Air Filter (Pro-GUARD 7)	72-91040
B	1	Seal, Trim 1/16" (12")	05-00149
C	4	Clamp #064	03-50006
D	3	Screw, M6	03-50113
E	1	Tube	05-32322B1
F	2	Screw, Self Tapping	03-50392
G	2	Coupling, Silicone Hump	05-01201
H	1	Adaptor	05-00611
I	1	Gasket, MAS	05-00631
J	4	Screw, Phillips Self Tapping	03-50416
K	1	Cover, Sensor Plate	05-01227
L	1	Housing	05-32322B2

Installation will require the following tools:
8mm nut driver, Phillips Screwdriver and Torx (T-20) driver.




Figure A

Refer to Figure A for steps 1-4

Step 1: Disconnect Mass Air Flow sensor, and Humidity Sensor (1).

Step 2: Loosen all tube clamps using an 8mm nut driver (2).

Step 3: Remove OE screws from housing (3).

Step 4: Remove the factory intake tube and top portion of the airbox out of the vehicle (4).



Figure B

Refer to Figure B for step 5

Step 5: Remove the OE filter.



Refer to Figure C for steps 6-8

Step 6: Remove the OE Mass Air Flow sensor and humidity sensor from the factory intake (5).

Step 7: Install MAF sensor and humidity sensor into the aFe intake (6).

On models 2011 and 2012 that do not have a humidity sensor, cover the hole with a gasket and cover plate. Secure with 2 small self threading screws. Do not over tighten.

Step 8: Install furnished silicone hump coupler and clamps on the aFe tube. (Do not tighten clamps at this time).



Refer to Figure D for steps 9-12

Step 9: Assemble the aFe housing. Install the air filter adaptor with the provided hardware.

Step 10: Install silicon hump couplings and clamps. (Note: tighten adaptor side only).

Step 11: Install seal trim around housing.

Step 12: Install aFe filter. (Tighten clamp).



Figure E

Refer to Figure E for step 13

Step 13: Install aFe housing on top of factory airbox use the 2 screws provided. Do not over tighten (7).



Figure F

Refer to Figure F for steps 14-15

Step 14: Install the aFe intake tube into vehicle, slide the coupling in the turbo inlet tube first. Then slide it into the filter side.

Step 15: Tighten all clamps (8) .

**Figure E****Refer to Figure E for steps 16-17**

- Step 16: Re-connect the MAF sensor and humidity sensor. (If applicable on your application) ⑨ .
- Step 17: Check all the components are tight and secure. Your installation is now complete.

NOTE: Check all bolts, clamps, and connectors after 200 miles. Place enclosed CARB EO sticker on or near the device on a smooth/clean surface. EO identification label is required to pass the smog test inspection.

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Pro DRY S Air Filter



P/N: 21-91040

Pro 5R Air Filter



P/N: 24-91040

Pro Guard 7 Air Filter



P/N: 72-91040

Pro DRY S Restore Kit



P/N: 90-59999

Blue Squeeze Restore Kit



P/N: 90-50501

Gold Squeeze Restore Kit



P/N: 90-50500

SCORCHER HD Module



P/N: 77-44007 (2011-14')
77-44008 (2015-16')

Cat-Back Exhaust System



P/N: 49-44044-B (Blk Tips)
49-44044-P (Pol. Tips)

D/P Back Exhaust System



P/N: 49-44035-B (Blk Tip)
49-44035-P (Pol. Tip)

Sprint Booster



P/N: 77-14003

Rear Differential Cover



P/N: 46-70012-WL (W/ Oil)
46-70012 (Blk Mach.)

Intercooler



P/N: 46-20111

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, 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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