

advanced FLOW engineering Quantum Air Intake Instruction Manual P/N: 53-10007D / 53-10007R

Make: **Chevrolet** Model: **Silverado HD** Year: **2017-2018** Engine: **V8-6.6L Duramax (L5P)**

Make: **GMC** Model: **Sierra HD** Year: **2017-2018** Engine: **V8-6.6L Duramax (L5P)**

Note: Includes Denali Trim.



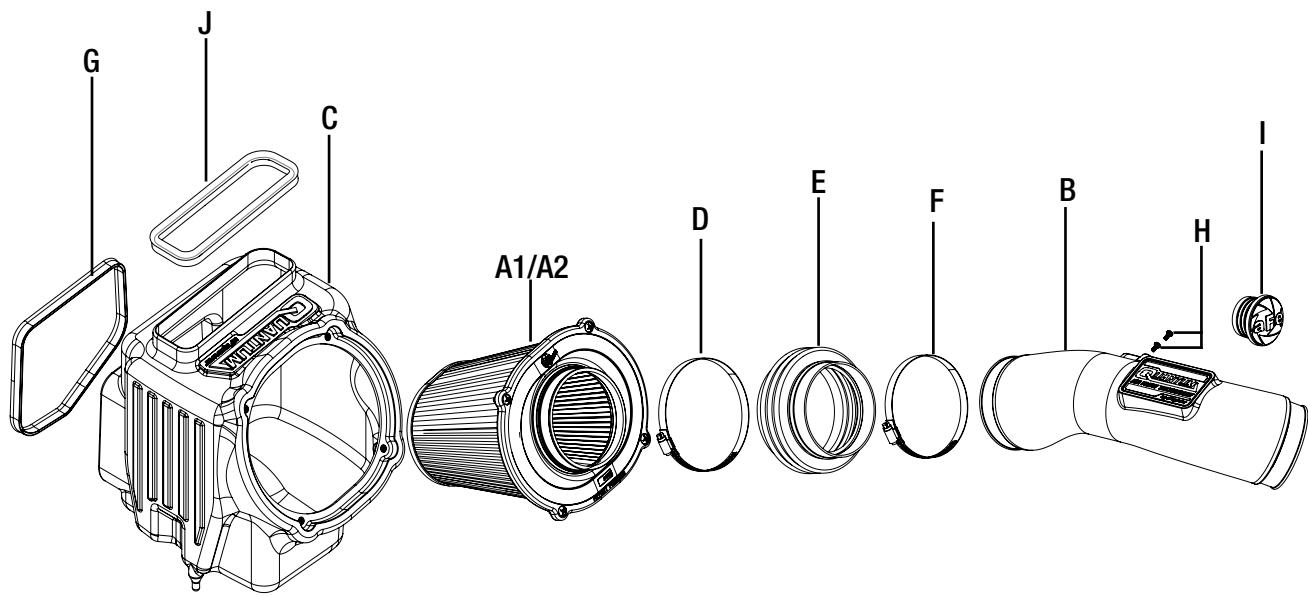
- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support at 951-493-7100.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect the negative battery terminal before proceeding.
- Retain factory parts for future use.

Label	Qty.	Description	Part Number
A1	1	Air Filter (Pro DRY S)	21-90098
A2	1	Air Filter (Pro 5R)	23-91129
B	1	Tube	05-54008B1
C	1	Housing	05-54008B2
D	1	Clamp, #080	03-50011
E	1	Coupling, Silicone Bellow	05-01457
F	1	Clamp, #072	03-50010
G	1	Seal Trim 7/16" (26")	05-00072
H	2	Screws, Torx M4	03-50491
I	1	Plug	05-00850
J	1	Seal Trim 7/16" (21")	05-00072

Installation will require the following tools:

8mm Nut driver, T20 torx bit or driver, 13mm deep socket, extension and 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.



REMOVAL



Figure A

Refer to Figure A for Steps 1-2

Step 1: Disconnect the MAF sensor plug. (1)

Step 2: Disconnect the MAF sensor harness clip (2) from the OE airbox.



Figure B

Refer to Figure B for Steps 3-4

Step 3: Loosen the clamps (3) at the airbox and at the resonator coupler.

Step 4: Remove the stock intake tube. (4)

REMOVAL

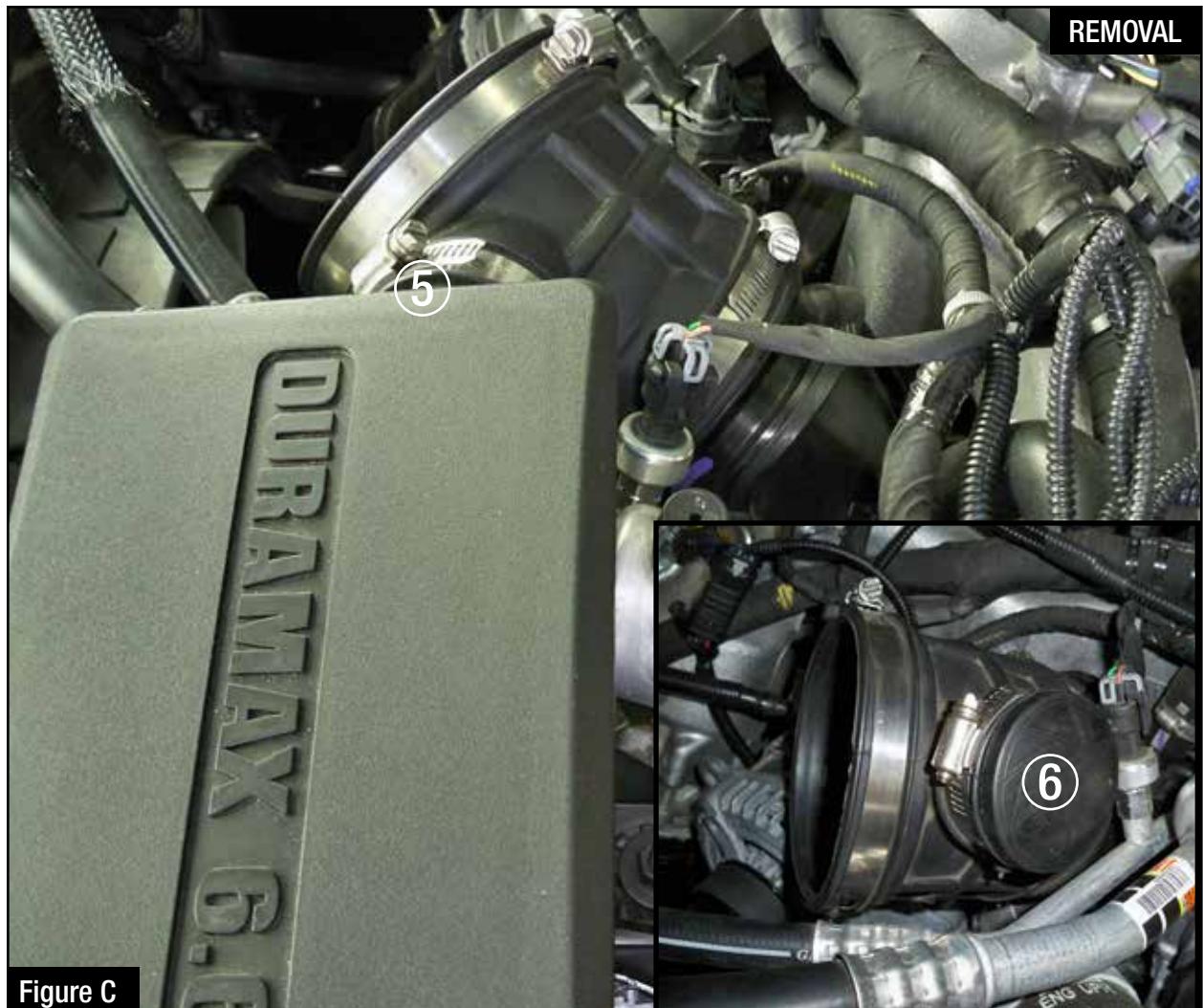


Figure C

Refer to Figure C for Step 5

Step 5: If you wish to remove the resonator, loosen the clamp ⑤ at the resonator with an 8mm nut driver. Remove the resonator from the stock coupler. Insert resonator plug ⑥ into the stock coupler and tighten the clamp.



Refer to Figure D for Step 6

Step 6: Remove the coolant line clip (7) from the airbox then remove the factory airbox (8) out of the vehicle. (Use an upward pull to release the retaining plug).



Figure E

Refer to Figure E for Step 7

Step 7: Install the supplied short (21") trim seal (9) onto the top opening at the airbox (10).



REMOVAL



INSTALL

Figure F

Refer to Figure F for Steps 8-9

Step 8: Remove the retaining plug (11) from the bottom of the factory airbox and transfer it to the aFe airbox.

Step 9: Install the trim seal (12) on the opening of the aFe airbox.



Figure G

Refer to Figure G for Steps 10-11

Step 10: Slide the aFe filter into the aFe housing. Install the aFe filter using a #2 Phillips screwdriver. Tighten all (x4) screws.

Step 11: Install the supplied bellows coupler (13) onto the air filter using the supplied #80 clamp (14). Tighten the clamp.

INSTALL



Figure H

Refer to Figure H for Step 12

Step 12: Install the aFe airbox assembly into the vehicle. Firmly push it into the factory mounting grommets.



Figure I

Refer to Figure I for Steps 13-14

Step 13: Remove the MAF sensor with gasket 15 from the factory airbox using a T20 Torx drive.

Step 14: Install the MAF sensor with gasket into the aFe intake tube using the supplied M4 screws and a T20 Torx drive.

INSTALL



Figure J

Refer to Figure J for Step 15

Step 14: Place the #72 clamp (16) onto the filter coupler (17). Do NOT tighten clamp.



Figure K

Refer to Figure K for Steps 16-17

Step 16: Slide the intake tube into the filter coupler 18 and then into the stock coupler 19.

Step 17: Align the intake tube correctly then tighten all clamps.



Figure L

Refer to Figure L for Steps 18-19

Step 18: Reconnect the MAF sensor harness. **20**

Step 19: Make sure all clamps and connections are secured. Your installation is now complete! Thank you for choosing aFe POWER.

NOTE: Check all bolts, clamps, and connectors after 100-200 miles.



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Pro DRY S Air Filter



P/N: 21-90098

Pro 5R Air Filter



P/N: 23-91129

Pro DRY S Restore Kit



P/N: 90-59999

Blue Squeeze Restore Kit



P/N: 90-50501

Intercooler Tubes



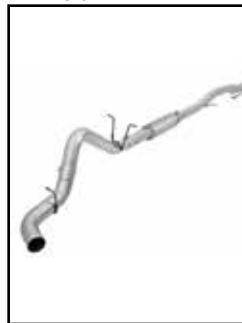
P/N: 46-20334-B

Rebel XD Series Exhaust



P/N: 49-44089-B (Blk. Tips)
49-44089-P (Pol. Tips)

Downpipe Back Exhaust



P/N: 49-44087-B (Blk. Tip)
49-44087-P (Pol. Tip)

DPF-Back Exhaust



P/N: 49-44085-B (Blk. Tip)
49-44085-P (Pol. Tip)

Sprint Booster V3.



P/N: 77-14003

DFS Fuel System



P/N: 42-14023 (Full-Time)
42-14024 (Part-Time)

SCORCHER HD Module



P/N: 77-44010

Rear Differential Cover



P/N: 46-70012-WL (w/ Oil)

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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