

advanced FLOW engineering

Instruction Manual P/N: 51-11972-1B/1P & 54-11972-1B/1P

Make: **Ford** Model: **Super Duty F-250/F-350** Year: **2011-2016** Engine: **V8-6.2L**
CARB EO: **D-550-15** for **2011-2014** Models.



- 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)	21-91040
A2	1	Air Filter (Pro 5R)	24-91040
B	1	Housing	05-01024
C1	1	Tube	05-11972B1 (Black)
C2	1	Tube	05-11972P1 (Polished)
D	1	Seal Trim - 23"	05-00072
E	1	Adaptor	05-00611
F	1	Elbow Silicone Coupling	05-01353
G	1	Hump Silicone Coupling	05-01264
H	1	5/8" Fuel Hose - 18"	05-00069
I	1	3/8" Fuel Hose - 24"	05-00110
J	3	Clamp #56	03-50009
K	1	Clamp #64	03-50006
L	5	Button Head Screw	03-50102
M	2	Cheese Head Screws	03-50034

Installation will require the following tools:

Flat head screw driver, Phillips screw driver, 8mm socket, 10mm socket, Ratchet & 5/16 nut driver.

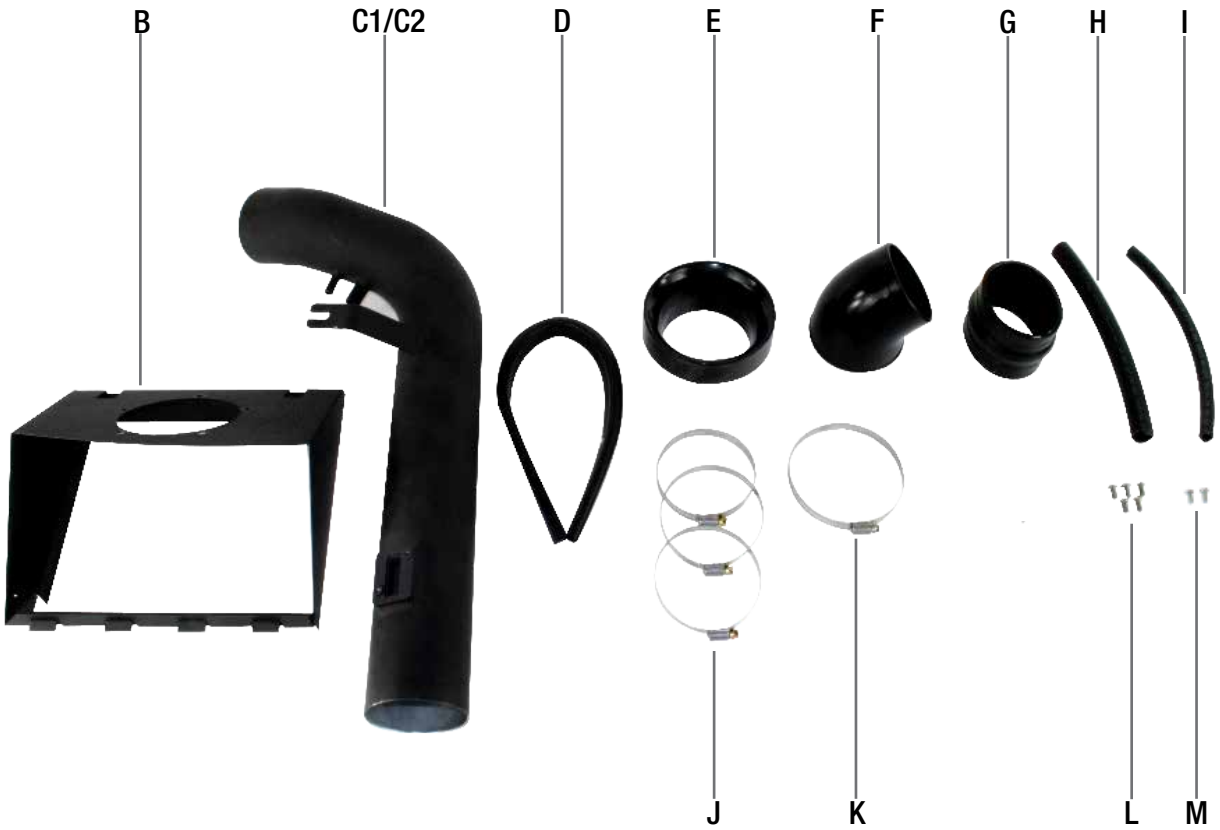



Figure A

Refer to Figure A

- Step 1: View of complete stock intake.
- Step 2: Disconnect the wiring harness from the MAF sensor.
- Step 3: Loosen the clamp securing the intake tube to the plenum.
- Step 4: Disconnect the crankcase vent tubes from the intake tube.
- Step 5: Unclip the upper airbox from the lower airbox.
- Step 6: Remove the intake tube, upper airbox and air filter. Also remove the middle clip from the stock air box as it will not be needed.



Figure B

Refer to Figure B

Step 7: Loosen the clamp securing the plenum to the throttle body.

Step 8: Remove the plenum mounting bolts.


Figure C
Refer to Figure C

Step 9: Attach the filter adaptor (E) to the air filter housing (B) using the supplied button head Screws (O).

Step 10: Install the aFe air filter (A) and clamp onto the filter adaptor. (do not tighten)

Step 11: Install elbow coupler (F) and clamps (K) and (J) onto the filter adaptor. (do not tighten)



Figure D

Refer to Figure D

- Step 12: Install the Hump coupling (G) and clamps (J) on the throttle body.
- Step 13: Remove the MAF sensor from the stock intake tube and install on the aFe intake tube (C) using the stock screws.
- Step 14: Install the air filter housing assembly in the lower airbox and secure using the stock front and rear clips only.
- Step 15: Install the aFe intake tube in the elbow coupler first followed by the throttle body coupler.



Figure E

Refer to Figure E

Step 16: Fine tune the alignment of the intake tube by rotating both the intake tube and elbow coupler and tighten the clamps.

Step 17: Secure the intake tube using the OE plenum bolt.



Figure F

Refer to Figure F

Step 18: Replace the stock crankcase vent tubes with the supplied hoses (H) and (I).



Figure G

Refer to Figure G

Step 19: Connect the wiring harness to the MAF sensor.

Step 20: Tighten air filter with a nut driver. Be sure not to over tighten or you can damage the filter base. Installation is now complete.

Step 21: **Place the included CARB EO Sticker on or near the intake system on a smooth, clean surface. E.O. identification label is required in passing the Smog Check 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

Intake Cover



P/N: 54-12068

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

Sprint Booster V3



P/N: 77-13001

Transmission Pan



P/N: 46-70180 (RAW)
46-70182 (BLK)

Throttle Body Spacer



P/N: 46-33011

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

Warranty

aFe warrants their intake systems to be free of defects from workmanship and materials for a period of two (2) years, provided the intake system was: A) installed in an aFe recommended application according to aFe installation instructions; and B) the air filter has been properly cleaned utilizing an aFe cleaning solution and oil (not applicable on Pro DRY S filters). Damage from abuse, improper cleaning, improper oil and improper installation or from open flame is not covered by this limited warranty. In the event of a defect of an aFe product within the period covered by this limited warranty, the purchaser can return the product to the dealer where it was purchased or send the product to aFe at the address listed on the back after obtaining a Return Good Authorization (RGA) number from aFe. The original register receipt will be required as proof of purchase. Purchaser will be entitled to a refund of the entire purchase price or a replacement of the product at aFe's discretion. Purchaser shall be responsible for the cost of shipping the defective product to aFe. An RGA number can be obtained by calling aFe customer service. Products shipped without an RGA number will be refused. A refund or replacement of the product shall be the sole remedy available under this limited warranty and aFe shall not be responsible for consequential or incidental damages. (Some states do not allow this exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply). This warranty gives you specific legal rights, and you may have other rights, which vary from state to state.



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