

advanced FLOW engineering

Instruction Manual P/N: 51-12111 / 54-12111 & 75-12111

Make: **Ford** Model: **F-150** Year: **2012** Engine: **V6-3.5L (tt) EcoBoost**



- 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	21-91040 (Gray Media)
A2	1	Pro 5R Air Filter	24-91040 (Blue Media)
A3	1	Pro-GUARD 7 Air Filter	72-91040 (Gold Media)
B	1	Housing	05-01024
C	1	Tube	05-12111B1 (Black)
D	1	Seal Trim - 24.5"	05-00072
E	1	Elbow Coupling	05-00464
F	1	Clamp #64	03-50006
G	1	Clamp #56	03-50009
H	1	Adaptor	05-00611
I	5	Button Head Screw	03-50102
J	1	M6 Screw	03-50052

Installation will require the following tools:

Ratchet, 5/32" 6-point & 10mm socket, Nut Driver, Flat Head Screw Driver and 5/32" Hex Key

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.



F



G



H



I

J

A1



A2



A3





Figure A

Refer to Figure A for steps 1-3

Step 1: Disconnect the Manifold Air Pressure (MAP) sensor plug from stock air box.

Step 2: Loosen Clamp ① using a 8mm Nut Driver.

Step 3: Unclip the three (3) tabs on the stock intake air box.



Figure B

Refer to Figure B for step 4

Step 4: Remove the MAP Sensor from stock air box using 5/32" 6-point socket.



Refer to Figure C for step 5

Step 5: Remove the upper portion of the stock air box and the stock air filter. Also remove the middle clip from stock air box.



Figure D

Refer to Figure D for steps 6-9

Step 6: Install the 3-angle adaptor onto the aFe housing using the five (5) button head screws provided and a 5/32 hex key.

Step 7: Install the elbow coupling onto the 3-angle adaptor using provided clamps. (Do not tighten)

Step 8: Insert the aFe intake tube into the coupling with the MAP pad pointing straight up.

Step 9: Install the MAP sensor onto the aFe intake tube using the hex head screw provided and a 10mm socket.



Refer to Figure E for steps 10-14

Step 10: Place aFe intake onto the lower portion of the stock air box and secure using factory clips.

Step 11: Slide the factory accordion coupler over the aFe intake tube.

Step 12: Adjust the coupling and tube for proper alignment and tighten clamps.

Step 13: Reconnect the MAP sensor plug and battery.

Step 14. The installation is now complete!

NOTE: Retighten all connections after approximately 100-200 miles.

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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

Gold Aerosol Restore Kit



P/N: 90-50000

Blue Aerosol Restore Kit



P/N: 90-50001

Gold Squeeze Restore Kit



P/N: 90-50500

Blue Squeeze Restore Kit



P/N: 90-50501

aFe Key Chain



P/N: 40-10109

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.

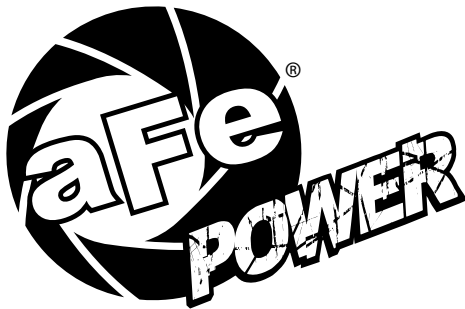
Warranty

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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