

advanced FLOW engineering

Stage 2

Instruction Manual P/N: 51-11962-1B / 54-11962-1B / 51-11962-1P / 54-11962-1P

Make: **Ford** Model: **F-150** Year: **2011-2014** Engine: **V8-5.0L**



- 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 (Included in 51-11962)
A2	1	Pro 5R Air Filter	24-91040 (Included in 54-11962)
B	1	Housing	05-01024
C	1	Tube	05-01160-B1 (Included in 51/54-11962-B)
D	1	Tube	05-01160-P1 (Included in 51/54-11962-P)
E	1	Elbow Coupling	05-00464
F	1	Hump Coupling	05-00565
G	1	Adaptor	05-00611
H	5	Button Head Screw	03-50102
I	2	Cheese Head Screw	03-50034
J	1	T-20 Torx Bit	03-50066
K	1	Seal Trim - 24-1/2"	05-00072
L	1	3/8" Fuel Hose - 14"	05-00110
M	1	5/8" Fuel Hose - 19"	05-00069
N	1	Clamp #64	03-50006
O	3	Clamp #56	03-50009

Installation will require the following tools:

4mm Hex Key, 5/16" Socket or Nut Driver, T20 Torx Bit & Flat-Head Screw 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.





Figure A

Refer to Figure A for steps 1-6

- 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 throttle body.
- 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 for steps 7-9

Step 7. Attach the filter adaptor (F) to the air filter housing (B) using the supplied button head Screws (G).

Step 8. Install the aFe air filter (A) and clamp onto the filter adaptor. (do not tighten)

Step 9. Install the elbow coupler (D) using clamps (L) and (M) onto the filter adaptor. (do not tighten)



Figure C

Refer to Figure C & D for steps 10-13

- Step 10. Install the hump coupling (E) and clamps (M) on the throttle body.
- Step 11. Remove the MAF sensor from the stock intake tube and install on the aFe intake tube (C) using the supplied screws (H).
- Step 12. Install the air filter housing assembly in the lower airbox and secure using the stock front and rear clips only.
- Step 13. Install the aFe intake tube in the elbow coupler first followed by the throttle body coupler.

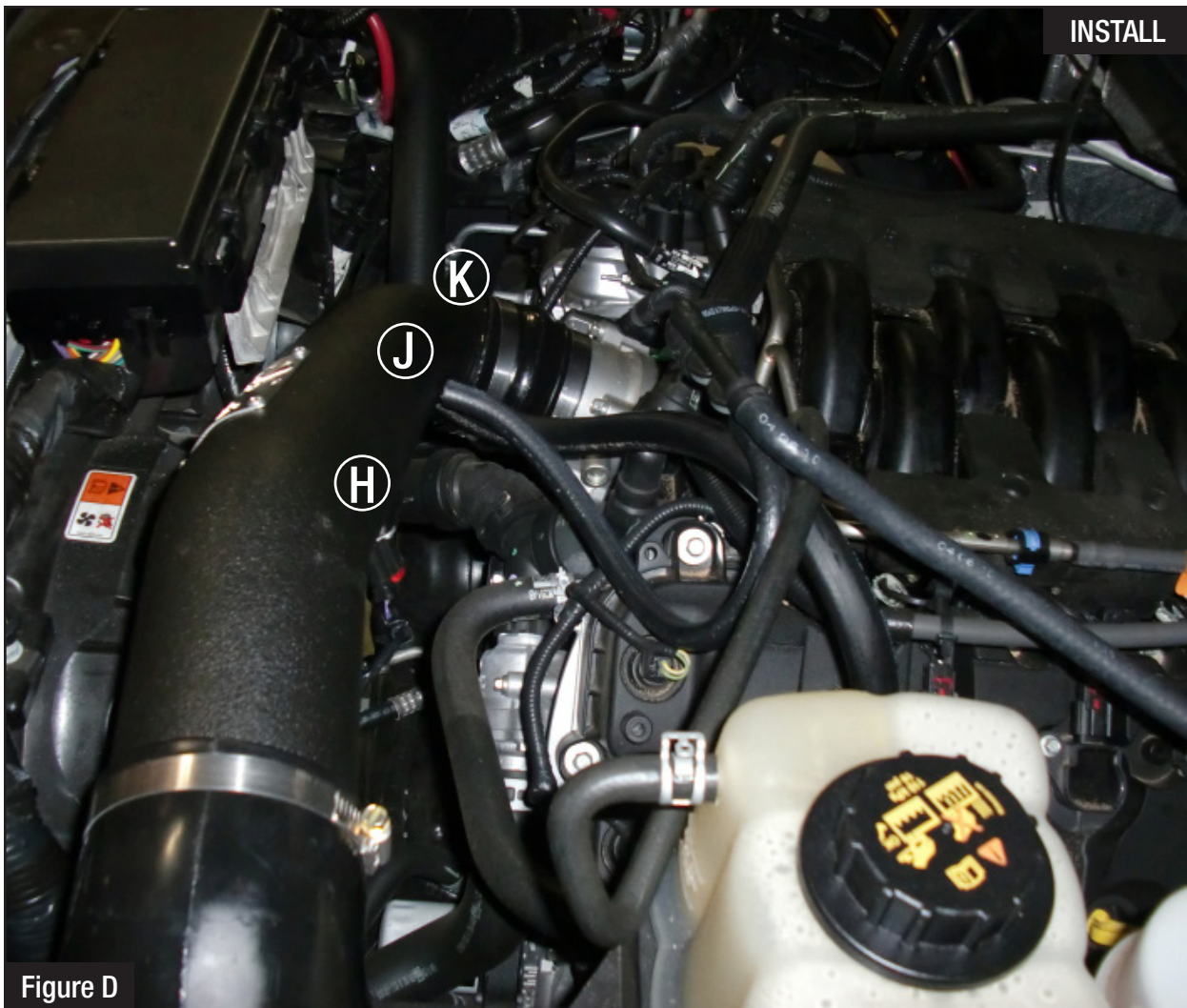


Figure D

Refer to Figure D for steps 14-15

Step 14. Fine tune the alignment of the intake tube by rotating both the intake tube and elbow coupler and tighten the clamps.

Step 15. Replace the stock crankcase vent tubes with the supplied hoses (J) and (K).



Refer to Figure E for step 16

Step 16: Connect the wiring harness to the MAF sensor.



Figure F

Refer to Figure F for steps 17-19

Step 17: Tighten the air filter clamp. Be sure not to over tighten or you can damage the filter base. Installation is now complete.

Step 18: Make sure all clamps are tight. Installation is complete.

Step 19: **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.**

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



Pro DRY S Air Filter



P/N: 21-91040

Pro 5R Air Filter



P/N: 24-91040

Pre-Filters



P/N: 28-10131 Yellow
P/N: 28-10132 Red
P/N: 28-10133 Black
P/N: 28-10134 Blue

Pro DRY S Restore Kit



P/N: 90-59999

Blue Aerosol Restore Kit



P/N: 90-50001

Blue Squeeze Restore Kit



P/N: 90-50501

aFe Power Hat



P/N: 40-10083

aFe Key Chain



P/N: 40-10103

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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