



advanced FLOW engineering

Instruction Manual P/N: 51-11902-1/54-11902-1/75-11902-1/75-11902-1V/
51-11902-1P/54-11902-1P

Make: **Ford** Model: **F-150** Year: **10-14** Engine: **V8-6.2L**

Make: **Ford** Model: **F-150 SVT Raptor** Year: **10-14** Engine: **V8-6.2L**



- 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	05-11902B1 (Black)
C	1	Tube	05-11902P1 (Polished) 51/54-11902-P ONLY
D	1	Seal Trim - 23"	05-00072
E	1	Adaptor	05-00611
F	1	Elbow Coupling	05-00464
G	1	Hump Coupling	05-00565
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	1	Isolation Mount	03-50022
M	1	Flat Washer	03-50043
N	1	Hex Nut	03-50059
O	5	Button Head Screw	03-50102
P	1	Restore Kit	90-50500 (75-11902-0V ONLY)
Q	1	Pre-Filter	28-10041 (75-11902-0V ONLY)
R	2	M4 x.7x8 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.

Warranty Information available at <https://afepower.com/contact#warranty>




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)

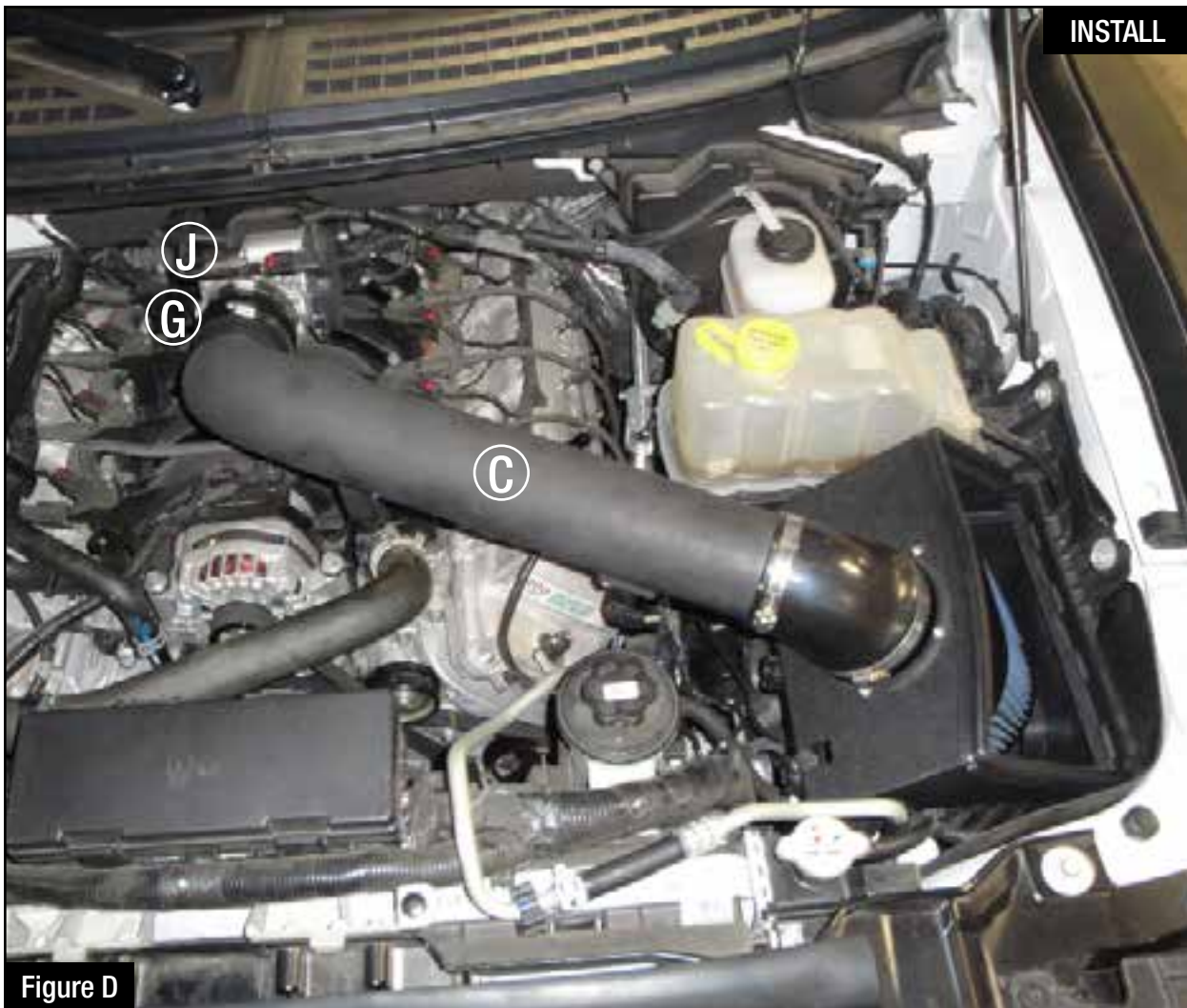


Figure D

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. Install the isolation mount (L) .

Step 17. Fine tune the alignment of the intake tube by rotating both the intake tube and elbow coupler and tighten the clamps.

Step 18. Secure the intake tube using the supplied nut (N) and washer (M) on the isolation mount.



Figure F

Refer to Figure F

Step 19. Replace the stock crankcase vent tubes with the supplied hoses (H) and (I).



Figure G

Refer to Figure G

Step 20: Connect the wiring harness to the MAF sensor.

Step 21: Tighten air filter with a nut driver. Be sure not to over tighten or you can damage the filter base. Installation is now complete.



Figure G

Refer to Figure G

Step 22: Place enclosed CARB EO sticker on a clean/smooth surface on or near the device. EO identification label is required in passing the Smog Check Inspection.

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



advanced FLOW engineering, inc.
252 Granite Street Corona, CA 92879
<https://afepower.com/contact>