



advanced FLOW engineering Stage-2 Air Intake

Instruction Manual P/N: 51-41262, 54-41262 & 75-41262

Make: **Ford** Model: **Super Duty F-250/350/450/550** Year: **2008-2010** Engine: **V8-6.4L (td)**



- 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	R21-91050 Grey Media
A2	1	Pro 5R Air Filter	R24-91050 Blue Media
A3	1	Pro Guard 7 Air Filter	R72-91050 Yellow Media
B	1	Housing	05-71262B2
C	1	Tube Rotomold	05-71262B1
D	1	Tube	05-00947
E	1	Trim Seal - 27"	05-00072
F	1	MAS Gasket	05-01177
G	3	M6x25 Screws	03-50114
H	3	M6 Flat Washers	03-50070
I	3	M6 Wave Washers	03-50071
J	2	M4x.7x10 Screws	03-50221
K	1	T20 Torx Bit	03-50066
L	1	Fitting, Elbow 1"	03-50178
M	1	Grommet, Rubber	03-50139
N	1	Clamp-Mini, (11/16" - 1-1/4")	03-50023
O	2	Clamp, 052 (2-13/16" - 3-3/4")	03-50008
P	2	Clamp, 072 (3" - 5")	03-50010
Q	1	Coupling, Hump 4-1/8"	05-00794
R	1	Coupling, Hump 3"	05-00564

Installation will require the following tools:

T20 Torx (Furnished), Flat Screw Driver, 8mm Nut Drive, Ratchet, 10mm & 13mm Socket




Figure A

Refer to Figure A for steps 1-5

- Step 1. Remove filter minder out of air box. Loosen the band clamps between housing and tube and between tube and Turbo.
- Step 2. Pull the red tab out on the flow sensor connector, then press the tab and pull off the sensor plug.
- Step 3. Take auxiliary air line out of the air box. Lift and pull firmly then remove OE air box out of vehicle.
- Step 4. Remove the crank case breather hose clamp by prying it open with a screw driver or cutting it. Then pull the crank case breather hose from the intake tube.
- Step 5. Loosen the clamp at the turbo and pull the OE tube out of the vehicle.



Figure B

Refer to Figure B for step 6

Step 6. Remove the flow sensor off the OE housing with the provided T-20 torx bit. Remove OE grommet for filter minder.

**Figure C****Refer to Figure C for steps 7-9**

Step 7. Install supplied couplings and clamps on aFe 90° tube. Do not tighten yet.

Step 8. Install supplied rubber grommet onto intake tube for the crank case breather.

Step 9. Install tube onto turbo. Do not tighten clamps yet.

**Figure D****Refer to Figure D for steps 10-12**

Step 10. Install the flow sensor onto the new intake tube with the provided gasket and M4 screws. Install OE grommet to hole on intake tube.

Step 11. Install the seal trim on the top edge of the housing

Step 12. Install tube to housing using M6 screws, flat washers and wave washers.



Figure E

Refer to Figure E for steps 13-15

- Step 13. Install intake into vehicle by putting housing first then connect aFe intake tubes together.
- Step 14. Install the crank case breather hose into the rubber grommet on the intake tube. Early models (built before 5/6/2007) 90-degree fitting can be re-used. For later model (built after 5/7/2007) production tubes, cut or pry the upper clamp off and use the provided plastic 90-degree fitting and mini clamp supplied.
- Step 15. Tighten all clamps.



Refer to Figure F for step 16

Step 16. Unbolt 13 mm factory screws and use them to bolt down the housing. Make sure housing tabs slide over factory bracket.



Figure G

Refer to Figure G for steps 17-20

Step 17. Install air filter using clamp.

Step 18. Make sure all clamps are tighten.

Step 19. Re-connect flow sensor and install filter minder

Step 20. Re-connect both batteries. Your installation is now completed.

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

Place enclosed CARB EO sticker on or near the device on a smooth/clean surface. EO identification label is required to pass the smog test inspection.

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Pro DRY S Air Filter



P/N: 21-91050

Pro 5R Air Filter



P/N: 24-91050

Pro GUARD 7 Air Filter



P/N: 72-91050

Pre-Filters



P/N: 28-10041 Yellow
P/N: 28-10042 Red
P/N: 28-10043 Black
P/N: 28-10044 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

Gold Aerosol Restore Kit



P/N: 90-50000

Gold Squeeze Restore Kit



P/N: 90-50500

aFe Power Hat



P/N: 40-10114 S/M
P/N: 40-10115 L/XL

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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