

advanced FLOW engineering

Stage 2

Instruction Manual P/N: 51-11872/54-11872/75-11872/75-11872-0V

Make: **Ford** Model: **Super Duty F-250/350** Year: **2011** Engine: **V8-6.7L (td) Power Stroke**



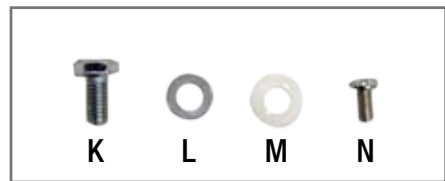
- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support at 951-493-7100.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect both negative battery terminals before proceeding. (REMEMBER YOU HAVE 2 BATTERIES)
- Retain factory parts for future use.

Label	Qty.	Description	Part Number
A1	1	Pro Dry S Air Filter	R21-91051 Grey Media (Included in 51-11872)
A2	1	Pro 5R Air Filter	R24-91051 Blue Media (Included in 54-11872)
A3	1	Pro GUARD 7 Air Filter	R72-91051 Gold Media (Included in 75-11872)
B	1	Housing	05-01132
C	1	Air Intake Tube	05-01135
D	1	Seal Trim 32"	05-00007
E	1	Turbo Adaptor Coupling	05-01137
F	1	Hump Coupling	05-00794
G	2	Clamp 72	03-50010
H	1	Clamp 88	03-50005
I	1	MAS Gasket	05-00631
J	1	Injection Molded Adaptor	05-00611
K	5	Hex Head Screws	03-50032
L	5	Wavy Washers	03-50058
M	2	Nylon Spacer	03-50089
N	2	Cheese Head Screws	03-50034
O	1	Torx Bit	03-50066
P	1	Value Pack	Included in 75-11872-0V only

Installation will require the following tools:

10mm Socket, 13mm Socket, 8mm Socket, Ratchet, Extension & 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.





Refer to Figure A for step 1

Step 1: Take off the (2) 8mm screws securing the OE intake tube and filter box and loosen the band clamps.



Refer to Figure B for steps 2-3

Step 2: Disconnect the wire harness clip from the filter housing and pull the red tab out on the flow sensor connector, then press the tab and pull off the sensor plug. Remove the flow sensor off the tube with the provided T-20 torx bit.

Step 3: Pull out the air box in an upward motion.



Refer to Figure C for step 4

Step 4: Slip all the hoses out of the way on the OE intake tube, loosen the clamps, and remove the tube.



Figure D

Refer to Figure D for steps 5-6

Step 5: Install the sensor onto the new intake tube with the provided nylon spacers, gasket and small screws. Also place the largest clamp on the big oval end of the tube. Add the hump coupler with clamps onto the small end of the tube and slide until flush with tube.

Step 6: Install the seal trim on the top edge of the housing and install the Injection molded adaptor with the provided hex screws and wavy washers.



Figure E

Refer to Figure E for steps 7-8

Step 7: Install the adaptor coupling onto the engine with the radius edge outward.

Step 8: Install tube onto engine manifold over the adaptor coupling. Do not tighten clamps at this time.



Figure F

Refer to Figure F for steps 9-11

Step 9: Install the housing, take off the 10mm upper radiator mount screw and 13mm screw as shown.

Install the housing (align the OE rubber grommet and metal tube together at the bottom) and reuse the 10mm upper radiator mount screw and the 13mm screw. Also reinstall the 8mm screw near the positive battery cable.

Step 10: Slide the hump coupler back onto the injection molded adaptor and align tube clamps then tighten all clamps. Keep the big oval end of the tube over the adaptor coupling and tighten.

Place the pre-filter (optional) over the air filter and install the air filter and tighten.

Step 11: Reconnect batteries.



Pro DRY S Air Filter



P/N: 21-91051

Pro 5R Air Filter



P/N: 24-91051

Pro GUARD 7 Air Filter



P/N: 72-91051

Pre-Filters



P/N: 28-10031 Yellow
P/N: 28-10032 Red
P/N: 28-10033 Black
P/N: 28-10034 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: 40-10083

aFe Key Chain



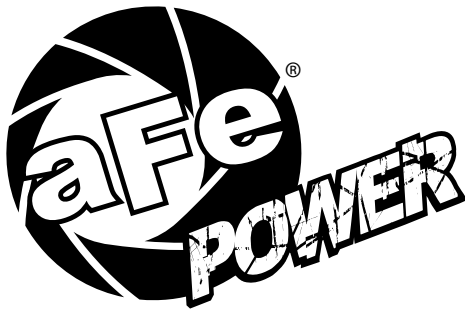
P/N: 40-10103

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

MAINTENANCE REQUIRED: aFe uses industrial grade polyurethane in its filters and couplers. Polyurethane is very durable and long lasting under most circumstances. However, as with any rubber, plastic and other “soft parts”; polyurethane is not indestructible. Under some conditions such as exposure to extreme high temperatures and to caustic chemicals including fuel and oils, these “soft parts” can crack, weaken and fail in time. Although there is very little maintenance required for your new aFe intake, it is very important to periodically check all “soft parts” for signs of wear or deterioration. We recommend inspecting these parts once every 3 to 6 months depending of the type of environment these parts are exposed to. Promptly replace any parts that show signs of wear or cracking. aFe will replace any “soft part” at no charge during the warranty period of the product.

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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