



## INSTALLATION INSTRUCTIONS

### VEHICLE APPLICATION

Year: **2008-10**  
Make: **FORD**  
Model: **F-250, F-350, F-450, F-550**  
Engine: **6.4L Power Stroke**

### TOOLS REQUIRED

- 8mm & 10mm Wrench & Socket
- T-20 Security Torx Wrench (Supplied w/ Kit)
- 5/16" Nut Driver or Flat Blade Screwdriver
- Phillips Screwdriver, Pliers or Channel locks

### S&B FILTER OIL

Your Air Filter P/N: KF-1036 is factory oiled and ready to use. When serviced it will require:

- 78g - Main Body
- 9g - Power Stack (Top)

### NOTES

Kit may not fit with the following:

- Aftermarket Parts installed
- Body Lift or Lowering Kit
- Custom Hood
- Intercooler or Turbo upgrades

### BEFORE YOU START

- Please read the entire product guide before proceeding.
- Ensure all components listed on page 4 are present.
- If you are missing any of the components, call our customer support at (909) 947-0015.
- Do not attempt to work on your vehicle while engine is hot.
- Make sure the engine is turned off and the vehicle is in Park or the Parking Brake is set.

1. With the ignition switched off and the parking brake set, disconnect the negative battery cables on both batteries using a 8mm wrench or socket.



2. Unclip the OE air box lid and pull the hot air supply tube out and remove the lid.



3. Remove the OE air filter from the air box.



4. Disconnect the electrical connection from the MAF sensor at the OE air box.



5. Disconnect the electrical connection from the OE restriction gauge. **Note:** Do not rely on OE restriction gauge or until the dash light is triggered before you service your S&B filter.



6. Use a flathead screwdriver to pry the wire loom retaining clip from the OE air box.



7. Loosen the OE hose clamp at the turbo inlet.



8. Loosen the OE hose clamp at the air box connection.



9. OE air box Removal: Grasp the air box at the end and lift up, separating the prongs from the grommets at the bottom of the box.



**SEE EXPLODED VIEW ON PAGE 4**



**INSTALLATION INSTRUCTIONS (continued)**

10. Use a flathead screwdriver to pry open the OE hose clamp securing the crankcase vent hose to the intake tube. Discard clamp.



11. Separate the vent hose from the intake tube and remove intake tube from the vehicle.



12. Remove the OE filter gauge and rubber grommet and insert the grommet into the Filter Adapter (G), then insert the filter gauge.



13. Attach the S&B Filter (E) to the Filter Adapter (G), secure with the #80 hose clamp (F).



14. Place two #72 hose clamps (J) over the Hump Adapter (K) and slide the Hump Adapter over the Intake Tube (L) until it is flush with the end.



15. Place a #52 hose clamp (N) and a #56 hose clamp (P) on the Step Adapter (O) and secure the smaller end to the turbo inlet.



16. Insert the Intake tube (L) into the Turbo Adapter (O). Leave the connection loose for now.



17. Place Air Box (H) in the area of the installation and insert the OE hot air into Plug for warm weather conditions or the Hole for cold weather conditions.



18. Install the Air Box (H) by placing the box at an angle so that it secures around the OE air inlet on the inner fender. Then push down until the 3 prongs slide into the OE rubber grommets. Use grease if necessary.



19. Remove the MAF sensor for the OE cover and attach the MAF sensor to the Filter Adapter (G). Use the MAF Gasket (I) and the OE screws. For 2009 models use the supplied M4 screws (Q). **Do not over tighten!**



20. Place the Filter assembly into the Air Box (H), hook the bottom first and then secure the top using the two supplied 5/16 screws (A).



21. Center the Hump adapter (K) over the gap between tube ends and secure both #72 hose clamps (J). Then tighten the #56 hose clamp on the Intake tube (L) at the turbo.



**SEE EXPLODED VIEW ON PAGE 4**



## **INSTALLATION INSTRUCTIONS (continued)**

22. Use the #16 hose clamp (M) to secure the crank case breather vent line to the Intake Tube (L). It may be necessary to remove the other OE clamp and reposition the line. Then you will use the other #16 clamp and secure.



23. Reconnect the MAF sensor and restriction gauge electrical connections.



24. Remove the protective film from both sides of the Clear Lid (D), place the lid on the air box and secure using the supplied 10-24 screws (B) and sealing washers (C). **Do not over tighten!**



25. Reconnect both batteries. Inspect your installation, make sure the kit is properly positioned and all fasteners are secure. Affix the CARB sticker near the intake kit. The installation is now complete.



### **Filter Removal for Cleaning**

1. Loosen the two hose clamps securing the hump adapter (K) and slide over Intake tube (L). Disconnect the electrical connections from the MAF sensor and restriction gauge.



### **Filter Removal for Cleaning**

2. Remove the two 10-24 screws on the left side of the lid and the two 5/16 screws from the Adapter tube (G). Then carefully remove the assembly from the box with lid attached.



### **PRECISION FILTER CLEANING & OILING**



Order online today at [www.sbfilters.com](http://www.sbfilters.com) or through your local S&B distributor.

### **RELATED ITEMS FOR YOUR PURCHASE**

- Replacement Air Filter (Oiled) (S&B P/N: KF-1036)
- Replacement Air Filter (Dry) (S&B P/N: KF-1036D)
- Air Filter Wrap (S&B P/N: WF-1022)

### **PERFORMANCE TESTING**

- Engage parking brake and start your engine. Listen for abnormal noises. If an air leak is detected, re-inspect hoses and connections as they may need to be repositioned and tightened.
- S&B FILTERS recommends that you keep your OE intake system in the event it is required in the future.
- In order to maintain your warranty, all connections and components must be checked periodically for alignment and for proper tension on all connections. Failure to do so may void your warranty.
- Use only S&B FILTERS cleaning and oil products to service your filter. Using any other brand oil and or cleaners on your S&B air filter may void your warranty.

**SEE EXPLODED VIEW ON PAGE 4**

### **EMISSIONS STANDARD**

The California Air Resource Board (CARB) requires that an E.O. identification label be applied to the vehicle in order to pass a smog check inspection when a Performance Intake Kit has been installed. You must place the E.O. label provided on or near the intake kit after installation so that a smog check technician can easily verify the E.O. number. As of April 2009, S&B has never had a product where CARB denied an exemption request; however, the exemption process with CARB can take as long as 18 months. Check the status of the exemption process by looking up a specific part number at [www.sbfilters.com](http://www.sbfilters.com). The CARB Exemption number and/or status is listed under the Product Details section for each part number. If the status shows as "Pending," CARB has yet to issue an exemption. Products that have not been issued an EO number are street legal in most states, but may not be used on emission controlled vehicles in the state of California and are for off road use only. If you purchased your kit from S&B Filters directly, we will automatically mail you your Exemption Sticker when it is issued to us. If you purchased your kit from an authorized S&B Filters Dealer, log onto our web site and register to receive your Exemption Sticker.



**EXPLODED VIEW**



ITEM	QTY.	DESCRIPTION	P/N
A	2	S.S. Screw, 5/16-18 x 1.0"	AI1297-00
B	4	S.S. Screw, 10-24 x 1/2"	AI1287-00
C	4	S.S. Sealing Washer, 10-24	AI1272-00
D	1	Clear Box Lid	AI1319-00
E	1	S&B Air Filter	KF-1036
F	1	Hose Clamp, #80	AG1010-00
G	1	Filter Adapter Tube	AL1071A-00
H	1	Air Box	AL1071B-00
I	1	MAF Sensor Gasket	AI1345-00
J	2	Hose Clamp, #72	AG1009-00
K	1	Hump Adapter	AI1462-00
L	1	Intake Tube	AL1071-00
M	2	Hose Clamp, #16	AG1001-00
N	1	Hose Clamp, #52	AG1007-00

ITEM	QTY.	DESCRIPTION	P/N
O	1	Silicone Step Adapter	AI1316S-00
P	1	Hose Clamp, #56	AG1019-00
Q	2	S.S. Screw, M4-0.7x10mm	AL1107-00
R	1	Security Torx L-Key, TR20	AI1327-00

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