



## INSTALLATION INSTRUCTIONS

### VEHICLE APPLICATION

Year: 2011  
Make: **Ford**  
Model: **F250/ 350**  
Engine: **6.7L Diesel**

### TOOLS REQUIRED

- 8mm Wrench or Socket
- Phillips head Screwdriver
- 5/16" Nut Driver or Flat Blade Screwdriver

### S&B FILTER OIL

Your Air Filter P/N: KF-1050 is factory oiled and ready to use. When serviced it will require:

110g - Main Body

### NOTES

Kit may not fit with the following

**Aftermarket Parts** Installed:

- Custom Hood
- Turbo Upgrade

### 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 terminal from both batteries.



2. Disconnect the electrical connection for the MAF sensor in the OE intake tube. Unclip the wiring harness from the air box lid.



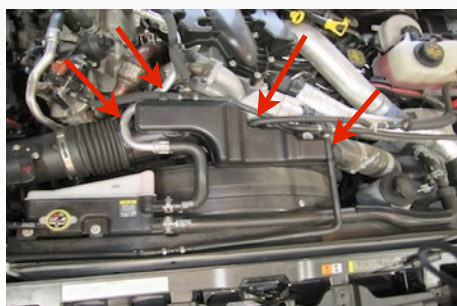
3. Loosen the hose clamp at the intake tube and unclip the 4 hinges on the air box lid. Remove the lid assembly from the vehicle.



4. Loosen the clamp at the turbo inlet and remove the bolt securing the resonator tube to the shroud.



5. Disconnect all rubber hoses and coolant lines for the intake tube assembly and remove the tube from the vehicle.



6. Remove the bolt securing the air box to the battery tray. Remove the OE filter from the air box. The bolt will be reused with the S&B air box.



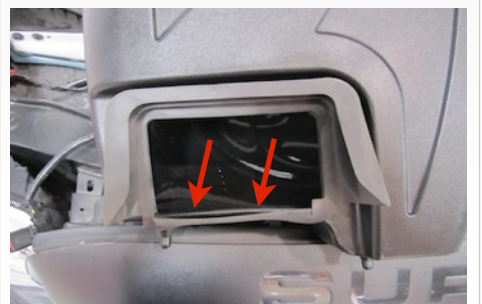
7. Remove the air box by carefully pulling it up out of the OE grommets. Be sure the grommets remain in position for the S&B installation.



8. Remove the air inlet gasket from OE air box.



9. Install the air inlet gasket onto the Air Box (A). Push the two prongs into the holes located on the bottom of the Air box.



**SEE EXPLODED VIEW ON PAGE 4**





## INSTALLATION INSTRUCTIONS (Continued)

10. Place the large Rubber Washer (O) over the threaded hole located on the mounting tab on the battery tray.



11. Line up the air inlet gasket and install the Air Box (A) into the two OE rubber grommets. Make sure the Air Box is fully pushed down into the grommets. Secure using the factory bolt removed in Step #6.



12. Remove the filter minder and grommet from the OE air box lid. Insert the grommet into the Adapter Tube (B) and then reinstall the filter minder.



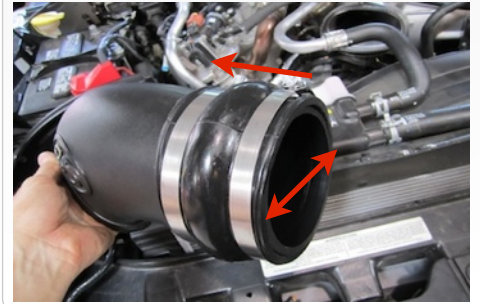
13. Remove the MAF sensor and ring gasket from the OE air box lid. Insert the MAF sensor and ring gasket into the Adapter Tube (B). Secure using the supplied M4 Screws (N). Do not over tighten the screws.



14. Install the Silicone adapter (M) over the turbo inlet using the two #72 Hose Clamps (L). Only tighten the hose clamp on the turbo inlet at this time.



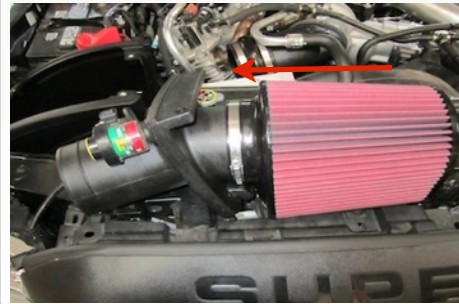
15. Install the Hump Adapter (K) over the Intake Tube (C) using the remaining two #72 Hose Clamps (L) until it is nearly flush with the end of the tube.



16. Install the Intake tube assembly into the Silicone Adapter (M) and tighten the #72 Hose clamp (L).



17. Install the Air Filter (D) onto the Adapter Tube (B) and tighten the #80 Hose Clamp (E).



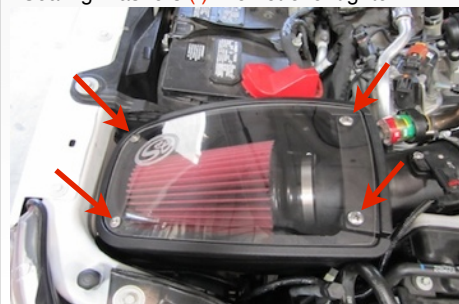
18. Carefully install the Filter/ Adapter assembly in the Air Box (A).



19. Slide the Hump Adapter (K) over onto the Adapter Tube (B) and tighten both #72 Hose Clamps (L).



20. Remove the protective covering from the Clear Lid (F), then install the lid. Start with the 5/16" Screws (H) and Rubber Washers (G). Then install the 10-24 Screws (J) and Sealing Washers (I). Do not over tighten!



21. Reconnect the wiring harness to the MAF sensor.



**SEE EXPLODED VIEW ON PAGE 4**





## **INSTALLATION INSTRUCTIONS (Continued)**

22. Using the factory location, secure the OE hose assembly using the supplied Loop Clamp (P), M6 Hex Screw (S) and 6mm Washer (R).



23. Install the Insulation Tube (Q) around the factory coolant hose by removing the protective film on the adhesive and sticking the two sides together.



24. Reconnect the batteries. Inspect your installation, make sure the kit is properly positioned and all fasteners are secure. The installation is now complete.



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



**Part No. 88-0005**

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-1050)
- Replacement Air Filter (Dry)  
(S&B P/N: KF-1050D)
- Air Filter Wrap (S&B P/N: WF-1031)

### **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.

