



FILTERS

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INSTALLATION INSTRUCTIONS

S&B P/N 75-5020

2006 Ford F-150 4.6L

- * Kit may not fit vehicles with the following **Aftermarket Parts** installed.
- * **Body Lift**
- * **Custom Hood**
- * **Throttle Body Upgrade**
- * **Throttle Body Spacer**

QTY	PARTS LIST	QTY	PARTS LIST
1	(C) Intake Tube	1	(P) 3"-3.5" step adapter
1	(O) Air Box	1	(F) # 56 Hose Clamp
1	(R) Clear Lid	1	(T) #104 Hose Clamp
1	(E) 3.725"x2.938" step adapter	2	(G) # 88 Hose Clamp
4	(I) 5/16-18 SS Screw	1	(D) # 60 Hose Clamp
4	(M) 5/16 Fender Washer	2	(B) # 8 Hose Clamp
2	(N) 5/16-18 Bolt	1	(V) # 52 Hose Clamp
2	(K) 5/16-18 Lock Nut	1	(Q) S&B Air Filter
2	(L) Rubber Spacer	1	(A) 5/8"x25" Hose
1	(J) Filter Adapter	6	(S) 10/24 SS Screws
1	(H) Oval Hump Adapter	6	(U) 10/24 SS Concave Washer

TOOLS REQUIRED

- 1/2" Wrench & Socket
- Ratchet
- 5/16" Nut Driver or Flat Blade Screwdriver
- T-20 Torx wrench (supplied with kit)
- Phillips head screwdriver

Your S&B Air Filter is factory oiled and ready to use. Air Filter P/N KF-1031 will require 71g of oil for main body and 17g of oil for the top when serviced.

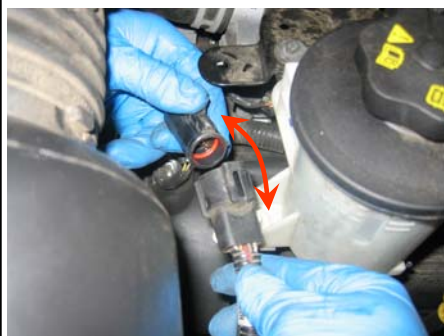
1. With the ignition switched off, disconnect the negative battery cable, use an 8mm wrench or socket.



2. Disconnect the crank case vent line from the driver side valve cover to the OE intake tube and remove from vehicle.



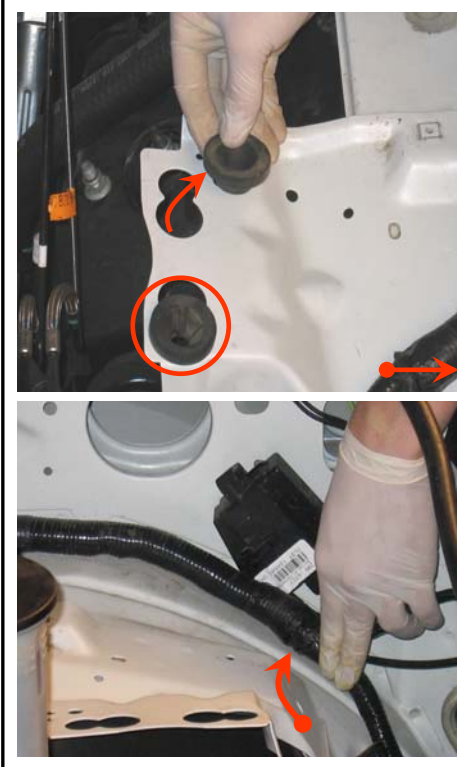
3. Disconnect the electrical connection for the MAF sensor at the pig tail coming from the OE intake tube.



4. Loosen the hose clamp at the throttle body pull out and then towards the left, pulling the OE intake assembly out of the drivers side inner fender.



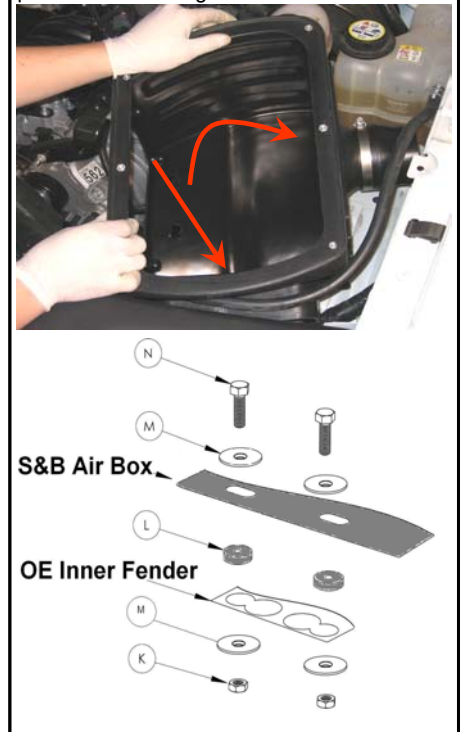
5. Remove the OE rubber grommets from the inner fender tray (drivers side) and relocate the wire loom closer to the fender.



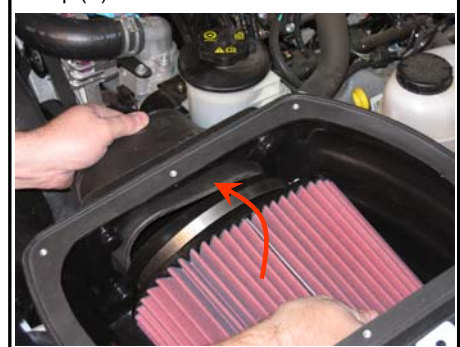
6. Install the 3" to 3.5" adapter (P) to the fender snout on the S&B air box (O), push on as far as it will go, it may feel loose but will secure with #56 hose clamp (F).



7. Install the S&B air box (O) and secure using the 5/16 bolts (N), fender washers (M), rubber spacers (L) and lock nuts (K) provided. See diagram below.



8. Place the S&B air filter (Q) inside S&B air box (O). Offset flange is toward the front of the vehicle. Snap S&B filter adapter (J) into S&B air filter (Q) secure with #104 hose clamp (T).



INSTALLATION INSTRUCTIONS (continued)

9. Secure the S&B flange adapter (J) to the S&B air box (O) with the four 5/16 SS Phillips head screws (I) provided.



10. Place the Oval Hump adapter (H) over the filter adapter (J), do not tighten hose clamps at this step.



11. Install the 3.75"-2.45" adapter (E) to the S&B tube (C) as shown, secure with # 60 hose clamp (D).



12. Remove the MAF sensor from the OE air box; pull the rubber plug out then turn it sideways and push it through the hole, separate the housing and using the #T-20 Torx wrench supplied remove the MAF sensor.

Note: Direction of sensor related to air flow.

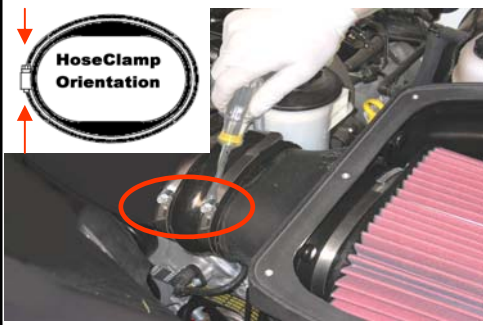


13. Install the MAF sensor into the S&B tube (C). Secure with the OE screws, tighten evenly and do not over tighten!

Note: Direction of sensor related to air flow.



14. Install the S&B tube (C) into the Oval hump adapter (H) then onto the throttle body. Center the Oval hump adapter (H) over gap between the tube ends and secure with #88 hose clamps (G), then secure # 52 hose clamp (V) at throttle body. **Note:** Position clamps as shown below.



15. Reconnect MAF sensor electrical connection. Check that both connectors are fully engaged.



16. Install the S&B 5/8" crankcase vent hose (A) from the valve cover to the S&B Intake tube (C), secure both ends with #8 hose clamps (B).



17. Install the S&B clear lid (R), secure with 10/24 screws (S) and sealing washers (U). Do not over tighten.



18. Reconnect the battery. Inspect your installation, make sure kit is properly positioned and all fasteners are secure.



19. Affix the C.A.R.B. exemption sticker in plain sight under the hood near the intake system.

Smog Certification Note:

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 High 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.

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 OEM 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 will void your warranty.
- * Use only S&B Filter cleaning and oil products to service your filter. Using any other brand oil and or cleaners may void your warranty.

PRECISION CLEANING & OILING KIT



Part No. 88-0005

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**S&B PERFORMANCE
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S&B Intake Kit 75-5020

