



Installation Instructions

Vehicle Application

Year: **2005-07**
 Make: **Ford**
 Model: **F-Series**
 Engine: **6.0L V8**

Tools Required

- Ratchet and extensions
- 8mm, 10mm, 7/16" Wrench & Deep Socket
- 3/16" Hex Drive
- Torque Wrench (in.lbs.)
- Teflon tape

Notes

- All required torque specs. are called out in **Inch** pounds **NOT** foot pounds.
- Installation will take approx. 1hr. to complete.

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 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.

Related Items

Available at www.sbfilters.com

- S&B Cold Air Intake Kit (Oiled filter) (S&B P/N: 75-5032)
- S&B Cold Air Intake Kit (Dry filter) (S&B P/N: 75-5032D)

1. With the ignition switched off and the parking brake set, disconnect the negative battery cables on both batteries.



2. Optional step, to allow better access to the elbow. Use a small flat head screwdriver and pry the clips open and pull up working your way across to remove the upper fan shroud.



3. Remove the OE (or aftermarket) intake to gain access to the clamps of the OE boost tube. Follow the manufacture's procedures for removing the intake.



4. Loosen the upper hose clamp at the OE elbow and pry the compression clip out of the groove.



5. Loosen the hose clamp at the intercooler lower flange and remove the OE boost tube from the vehicle along with clamps. Remember how this is removed because it will have to be repeated to install the new one.



6. Remove the 4 bolts that secure the OE elbow to the intake manifold and remove the elbow from the vehicle. Be careful not to let debris fall into the intake manifold.



7. Apply sealant (Teflon tape) to each 1/8"NPT plugs (G) and insert the plugs into the ports you will not use on the elbow. Use 3/16" Hex drive and torque the plugs to 40 In.lbs.



8. Place 6mm Washer (D) over each of the M6x30mm Bolts (F) and one over the M6x93mm Bolt (E), next apply a small amount of the supplied thread locker to each of the bolts.



9. Remove the other clamp from the OE boost tube. Clean the two clamps as they will both be re-used on the lower connection of the new tube.



SEE EXPLODED VIEW ON PAGE 3



Installation Instructions (continued)

10. Place the 2 OE clamps over the Hump Coupler (K) and slide the coupler over the lower flange of the intercooler.



11. Place one of the supplied T-bolt clamps (I) over the Straight Coupler (H) and slide it on the upper end (Large diameter) of the Boost Tube (J).



12. Snake the Boost tube assembly into position and into the Hump coupler (K).



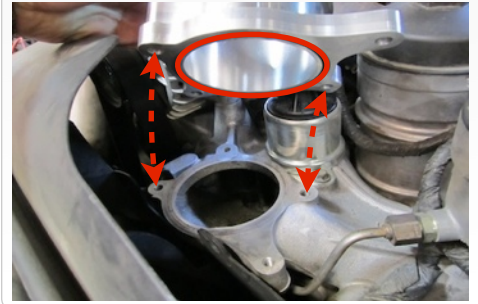
13. Position the OE clamps and torque them to 106 In.lbs.



14. Place the other supplied T-bolt clamp (I) over the end of the Straight coupler (H).



15. Clean the intake manifold surface. Then install the Billet Spacer (A) and the O-ring (B) onto the intake manifold using 3 supplied M6x30mm bolts (F) and 6mm washers (D). Torque to 100 In.lbs.



16. Install the other O-ring (B) in the top groove of the Billet Spacer (A). Insert the S&B Elbow (C) into the Straight coupler (H) and align the mounting holes with the Billet spacer. Be sure both mating surfaces are



17. Insert the M6x30mm Bolts (F) and M6x93mm Bolts (E) in the proper locations and torque to 100 In.lbs.



18. Position the upper T-bolt clamps as to not hit the hood when closed and torque them both to 90In.lbs.



19. Reinstall the Intake or OE air cleaner and filter removed in Step 3.



20. Align the upper fan shroud and snap it back into place if it was removed.



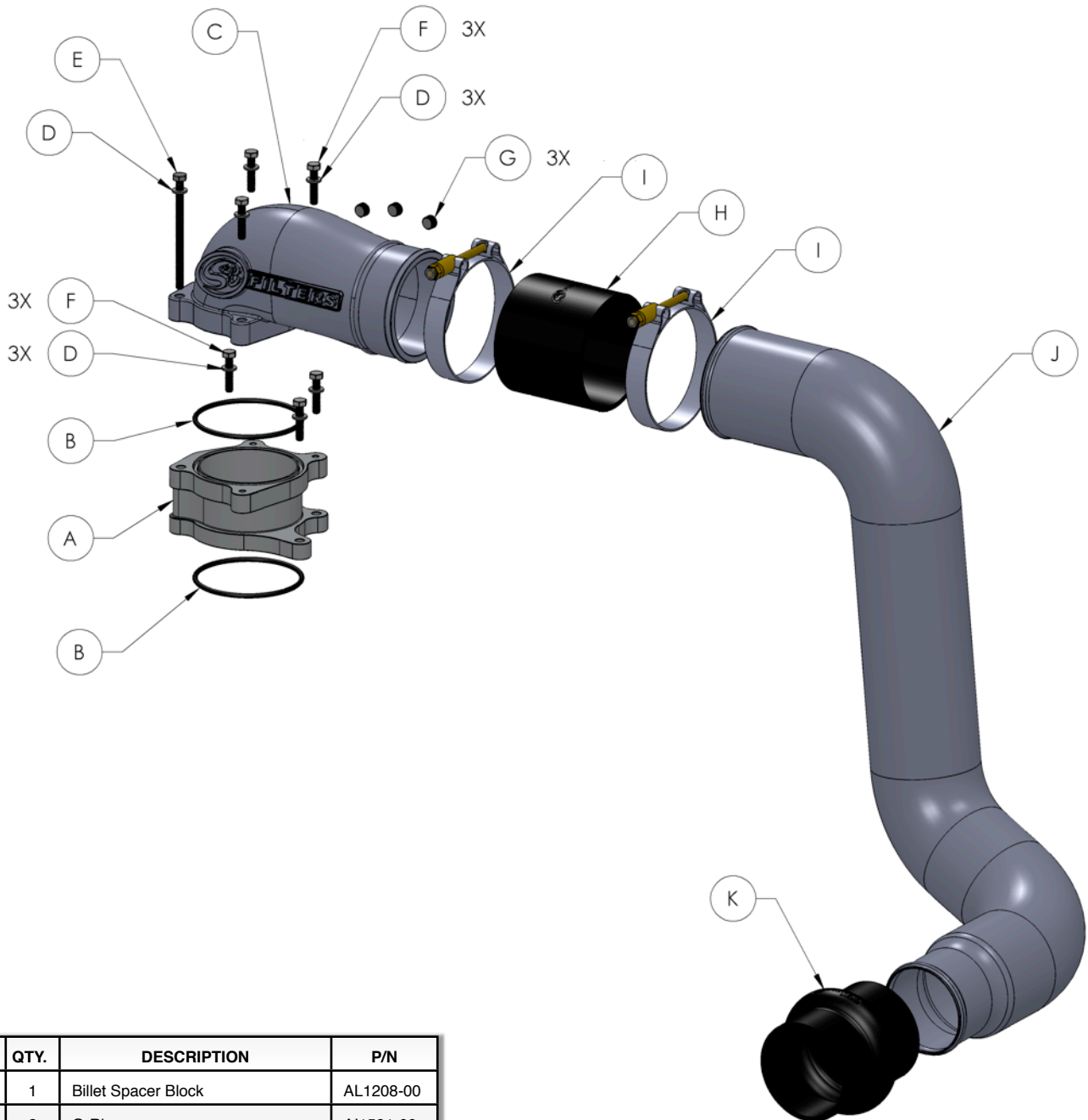
21. Reconnect both batteries. Inspect your installation, make sure the elbow and boost tube is properly positioned and all fasteners are secure. The installation is now complete.



SEE EXPLODED VIEW ON PAGE 3



Installation Instructions (continued)



ITEM	QTY.	DESCRIPTION	P/N
A	1	Billet Spacer Block	AL1208-00
B	2	O-Ring	AI1591-00
C	1	Intake Elbow, White or Black	AL1099-00
D	7	Washer, S.S. Flat, 6mm	AI1416-00
E	1	M6-1.0x93mm, Hex Head Screw	AI1413-00
F	6	M6-1.0x30mm, Hex Head Screw	AI1414-00
G	3	Plug, Socket, 1/8"NPT	AI1398-00
H	1	Coupler, Silicone 3.5"IDx3.25"	AI1394-00
I	2	T-bolt Clamp, 92.2-100mm	AG1027-00
J	1	Boost Tube, Alum.	AL1102-00
K	1	Coupler, Hump Silicone 3"IDx4"	AI1395-00

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Testing and Maintenance

- 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 every 6-12 months. 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 will void your warranty.

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. 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.

Warranty

Visit www.sbfilters.com/Support/Why-S-B/Million-Mile-Limited-Warranty for S&B Filter's complete warranty.