

## **INSTALL INSTRUCTIONS FOR 75-5130**

**PART#: 75-5130 / 75-5130D**

### **Vehicle Application**

**YEAR:** 2015-2017

**MAKE:** Ford

**MODEL:** Expedition

**ENGINE:** 3.5L Ecoboost

This intake kit may not fit with the following Aftermarket Parts installed:

- Body Lift or Lowering Kit
- Custom Hood

### **Tools Required**

- 8mm, 10mm, 13mm Wrench & Socket
- Pin Removal Tool or Flat Blade Screwdriver
- 5/16" Nut Driver or Flat Blade Screwdriver
- Phillips Screwdriver
- 3/16" Allen Wrench
- 1 Pair of Pliers or similar tool
- Teflon Tape

**Note:** Approximate Install Time: 1 Hr 00 Mins.

### **S&B Filter Maintenance**

KF-1058 Cotton Cleanable : If the enclosed filter is RED, it came pre-oiled from the factory. Click [here](#) for exact oil amount required for cleaning.

KF-1058D Dry Extendable : If the enclosed filters is WHITE, it is a disposable filter and should be discarded once it reaches capacity. This filter does not require oil.

### **CARB Status - Pending**

CARB EO # Pending

\*Not Legal for use in CA and other states adopting CA emissions Standards.

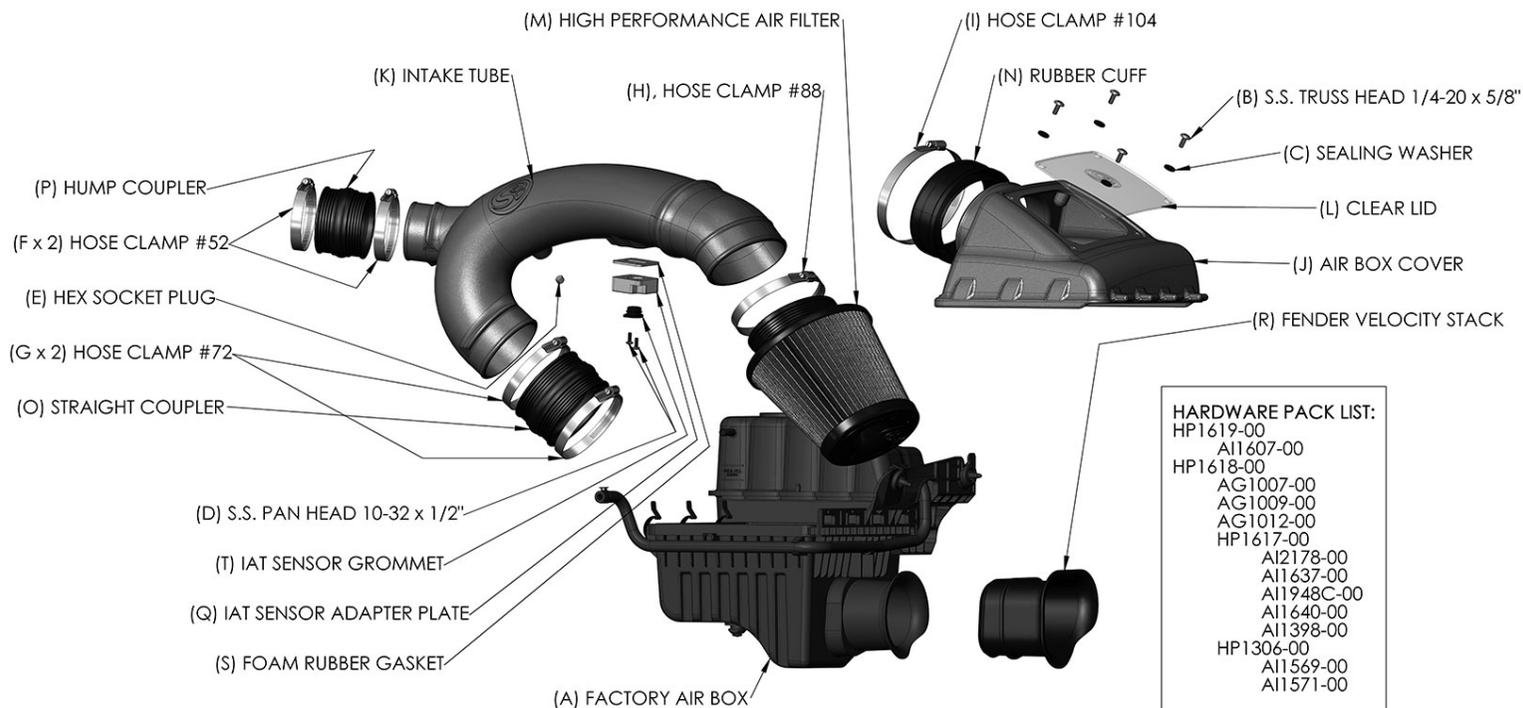
### **Before You Start**

- Please read the entire product guide before proceeding.
- Ensure all parts 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 the engine is hot.
- Make sure the engine is turned off and the vehicle is in Park or the Parking Brake is set.

### **Related Products**

- Cotton Cleanable Filter (KF-1058)
- Dry Extendable Filter (KF-1058D)
- Cleaning & Oiling Kit (88-0008)

# PARTS LIST



ITEM NO.	PartNo	DESCRIPTION	QTY.
A	-----	FACTORY INTAKE BOX	1
B	A11569-00	S.S. TRUSS HEAD 1/4-20 X 5/8"	4
C	A11571-00	SEALING WASHER	4
D	A11640-00	S.S. PAN HEAD 10-32 X 1/2"	2
E	A11398-00	HEX SOCKET PLUG 1/8" NPT	1
F	AG1007-00	HOSE CLAMP #52	2
G	AG1009-00	HOSE CLAMP #72	2
H	AG1011-00	HOSE CLAMP #88	1
I	AG1012-00	HOSE CLAMP #104	1
J	AL1217-00	AIR BOX COVER	1

ITEM NO.	PartNo	DESCRIPTION	QTY.
K	AL1216-00	INTAKE TUBE	1
L	A11607-00	CLEAR LID	1
M	KF-1058	HIGH PERFORMANCE AIR FILTER	1
N	A11604C-00	RUBBER CUFF	1
O	A11333C-00	STRAIGHT COUPLER	1
P	A11601C-00	HUMP COUPLER	1
Q	A12178-00	IAT SENSOR ADAPTER PLATE	1
R	A11635C-00	FENDER VELOCITY STACK	1
S	A11637-00	FOAM RUBBER GASKET	1
T	A11948C-00	IAT SENSOR GROMMET	1

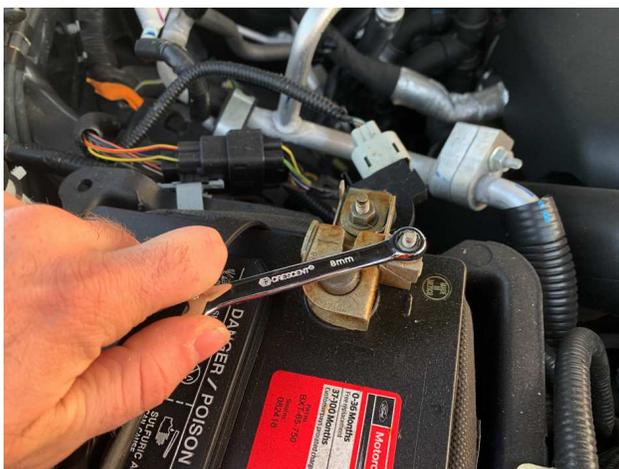
# INSTALLATION STEPS

## STEP 1

With the ignition switched off and the parking brake set, disconnect the negative battery cable on the passenger side.

**IMPORTANT: Failure to disconnect the battery for a minimum of 2 hours may cause the Check Engine Light to illuminate upon completion of the installation or subsequent operation. DO NOT SKIP THIS STEP!**

Tools Required: 8mm wrench or socket.



## STEP 2

Locate the Intake Air Temperature Sensor on the stock intake. Remove the wire harness from the sensor by pressing down on the tab, then pulling back on harness plug, taking care not to pull by the wires.



## STEP 3

Leave the sensor installed in the factory air box cover, for now.



## STEP 4

Loosen the three hose clamps on the factory intake tube.  
Tools Required: 5/16" nut driver or similar tool.



## STEP 5

Pull back on the bellowed portion of the intake tube, removing it from the stock airbox cover.



## STEP 6

Pull the rest of the factory intake tube out by moving it to the side and lifting up.



## STEP 7

Remove the factory air box cover by disconnecting the three latches that are on the side of the factory air box.



## STEP 8

Lift the cover up, then out to the side.



## STEP 9

Remove the factory air filter.



## STEP 10

Remove 10mm nut holding down the hood sensor bracket, and move the bracket aside. This will allow access to the 13mm bolt on the factory airbox. Tools Required: 10mm wrench or socket



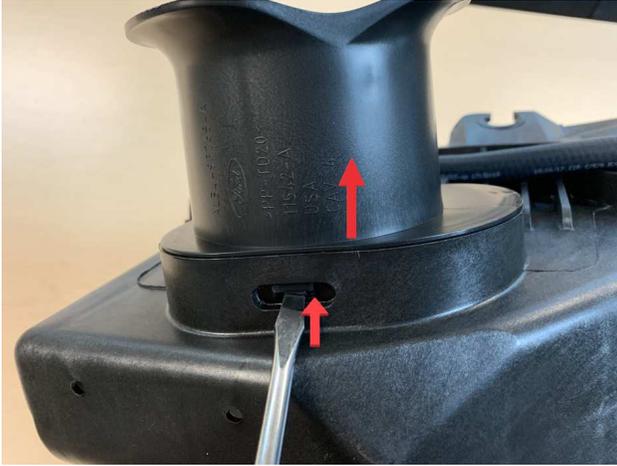
## STEP 11

Remove the factory air box by removing both 13mm bolts and lifting up on the box. The other connections to the box do not need to be removed to gain access to the side inlet. Tools Required: 13mm wrench or socket



## STEP 12

Once access to the side inlet is available, remove by pushing down on the tabs. Push down on the bottom tab while pulling on the inlet, partially dislodging the inlet.



## STEP 13

Once the inlet is partially dislodged, return to the topside of the factory air box and push down on the top tabs while pulling the inlet away from the factory air box. Tools Required: Flat blade screwdriver or similar tool.



## STEP 14

Install the S&B fender Inlet (R) by pushing in firmly, until it snaps into place.



## STEP 15

After the S&B inlet is installed, lower the factory air box back down and reinstall the factory bolts. Make sure the S&B inlet (R) is pushed through the side skirt. Tools Required: 13mm wrench or socket



## STEP 16

Reinstall the hood sensor bracket. Tools Required: 10mm wrench or socket



## STEP 17

Attach coupler (P) to intake tube (K) using 2 #52 hose clamps (F). Only tighten the hose clamp on the S&B intake tube side while leaving the other hose clamp loose. Tools Required: 5/16" nut driver or similar tool.



## STEP 18

Attach coupler (O) to intake tube (K) using 2 #72 hose clamps (G). Only tighten the hose clamp on the tube side while leaving the other hose clamp loose. Tools Required: 5/16" nut driver or similar tool.



## STEP 19

Attach the #104 hose clamp (I) to the intake rubber cuff (N).



## STEP 20

Install the cuff (N) onto the S&B air box cover (J) making sure that the tab on the cuff aligns with the notch on the S&B Air Box Cover.



## STEP 21

Insert the intake tube (K) into the cuff. Ensure that the tube is pushed all the way to the stop hump of the tube. This will not be an air tight fit to allow for engine movement.



## STEP 22

Once the tube is pushed flush against the stop hump of the tube the hose clamp (I) on the cuff can be tightened down. Tools Required: 5/16" nut driver or similar tool.



## STEP 23

Flip over the assembly and install the S&B air filter (M) and tighten the #88 hose clamp (H). Tools Required: 5/16" nut driver or similar tool.



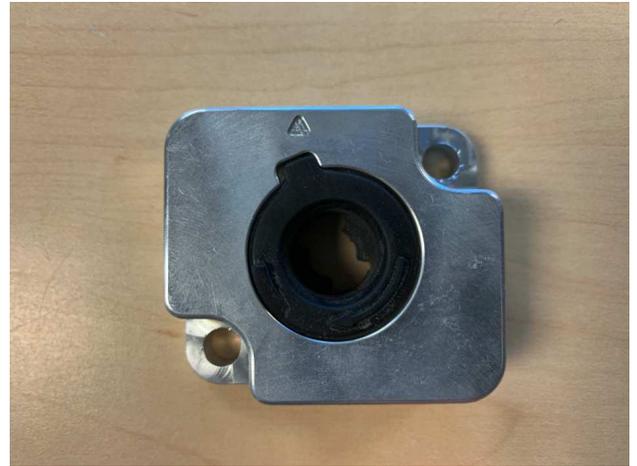
## STEP 24

Carefully remove the Air Temperature Sensor from the factory air box lid by turning it 45 degrees counterclockwise and pulling away from the intake. Gripping the sensor may require pliers. Angling the sensor away from the plastic ramp will aid in removal. Tools Required: pliers or similar tool.



## STEP 25

Install the IAT Sensor Grommet (T) into the IAT sensor adapter plate (Q).



## STEP 26

Install the IAT sensor into the grommet, aligning the tab on the sensor with the beginning of the ramped stop on the grommet, turn the sensor 45 degrees clockwise so the tab is past the end of the ramped stop.



## STEP 27

Install the IAT sensor adapter plate (Q) and gasket (S) using the two 10-32 screws (D). Align the arrows to ensure proper installation. Tools Required: #2 Philips head screwdriver.



## STEP 28

Install the Hex Plug Socket (E) into the crankcase inlet using a 3/16" Allen wrench; use Teflon tape on the threads of the plug. Tools Required: 3/16" allen wrench.



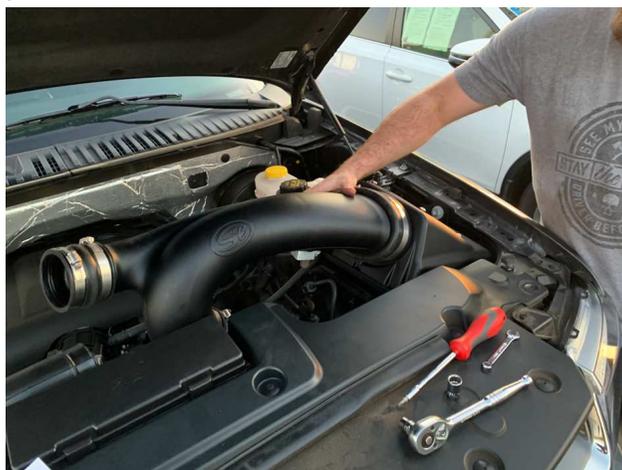
## STEP 29

The S&B intake is now ready for installation.



## STEP 30

Place the intake assembly into the stock intake box, aligning the tabs on the S&B Air Box Cover (J) into the slots on the right hand side of the factory air box. Once the tabs are in the slots, lower the intake assembly into place.



## STEP 31

Lower the complete assembly and make sure the S&B Air Box Cover (J) sits inside the factory air box slots. Proper installation into the slots will reduce movement.



### STEP 32

Insert the bottom turbo inlet tube into the bottom tube coupler (O). After the tube is pushed up to the stop, tighten the #72 hose clamp (G). Tools Required: 5/16" nut driver or similar tool.



### STEP 33

Insert the top turbo inlet tube completely and tighten the #56 hose clamp (F). Tools Required: 5/16" nut driver or similar tool.



### STEP 34

After all the hose clamps are tightened connect the three latches on the side of the intake box.



### STEP 35

Plug the harness into the air temperature sensor under the intake tube. Press in firmly until it locks.



### **STEP 36**

Remove the protective covering from the S&B Filters Clear Lid (L).



### **STEP 37**

Secure the air box lid (L) using the provided hardware (B & C).



### **STEP 38**

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



## **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.

## **Warning!**

If your vehicle has a Vehicle Emission Control Information decal affixed to the factory airbox, a new replacement label must be obtained and installed in a readily visible position in the engine compartment in order to remain CARB compliant. Failure to do so will prevent the vehicle from passing a smog check. Replacement labels can be ordered from your local dealership. Regulations state that the VECI label shall not be affixed to any equipment which is easily detached from the vehicle. Label placement, under the hood on a painted surface is recommended.