



## Vehicle Application:

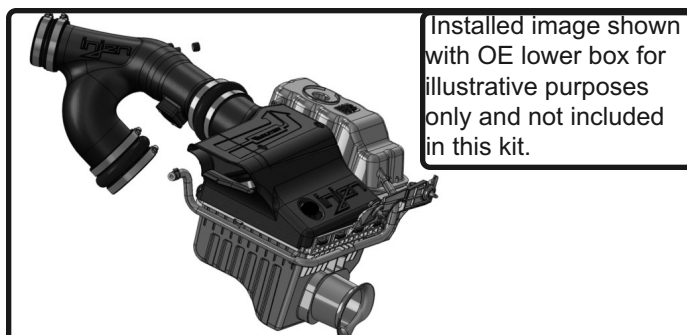
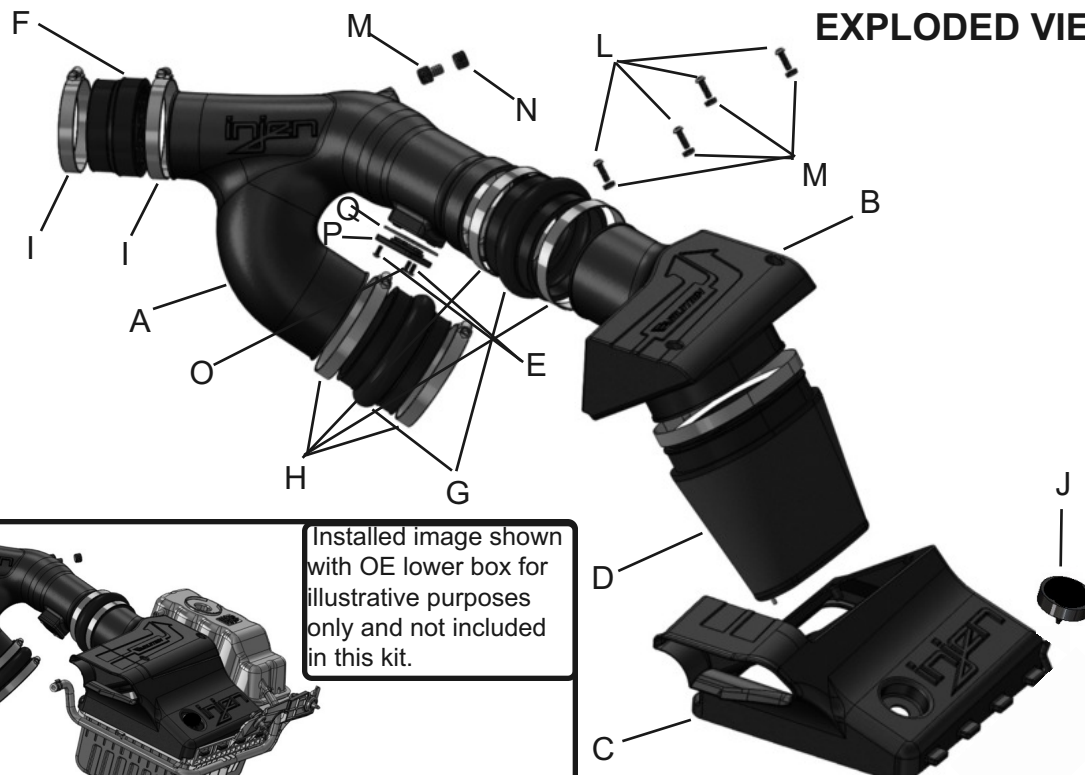
Make: **Ford**

Model: **F-150 EcoBoost**

Year: **2011-2014**

Engine: **3.5L V6 Twin Turbo**

## EXPLODED VIEW



Item	QTY.	P/N	Discription
A	1	#15082	Intake Tube
B	1	#15081	Intake Plenum
C	1	#15080	Air box
D	1	#1129	Dry Air filter
E	2	#6047	M4 button head screw
F	1	#3124	3.5"x3.25" step hose
G	2	#3250	4" hump hose
H	4	#4006	#64 clamps
I	2	#4005	#56 Clamp
J	1	#6111	Filter Minder plug
K	4	#8047	Washer seal
L	4	#6096	M6x30mm bolt
M	1	#8049	1/4" NPT brass 3/8" fitting
N	1	#8048	1/4" NPT plug
O	1	#6105	M4x20mm button head screw
P	1	#14103	MAF/TEMP Pad
Q	1	#6104	Gasket MAF/TEMP Pad

## TOOLS REQUIRED

- 10mm Ratchet & Socket
- 8mm nut drive
- Allen key
- Needle nose
- Phillips Screwdriver
- Pliers

**WARNING:** FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS AND NOT USING THE PROVIDED HARDWARE MAY DAMAGE THE INTAKE SYSTEM, ENGINE AND COMPONENTS!!!

**\*Do not attempt to install the intake system while the engine is hot.**

Severe burn could result from touching hot engine components!

Report any defective or missing parts to the authorized Injen dealer you purchased this product from. Before installing any parts of this system, please read the instructions thoroughly. If you have any questions regarding installation, please contact your Injen Technology dealer. Installation DOES require some mechanical skills. A qualified mechanic is always recommended.

A Limited Lifetime Warranty to the original purchaser against defects in material and workmanship on all Injen intake systems excluding the filter element. Any and all warranty coverage is limited to the repair or replacement of the defective part only, at Injen Technology's discretion. The warranty does not cover incidental or consequential damages, nor does it cover the cost of installation or removal of the defective part or its replacement. Proof of purchase is required.

# Instruction Manual P/N:EVO9105

**NOTE:** This intake kit may not work on vehicles with the following aftermarket modifications.

- Aftermarket Intercooler piping
- Aftermarket intercooler
- Turbo upgrade
- Modified body panels
- Suspension & Chassis modifications

Injen intake systems are street legal in most states unless the state is adopting to California Emissions standards. States that have adopted California emission standards include: Arizona, California, Connecticut, District of Columbia, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont, and Washington. These states will require an California Air Resource Board Executive Order Number (CARB E.O.) for the legal use of an Injen intake system in your vehicle for use on public roads or highways. These vehicle will be considered "Legal in California only for racing vehicles competition use only, which may never be used upon a public street or highway. **Please keep your factory air box assembly for any future use.**



The SuperNano-Web filter media is a dry synthetic media that outperforms the competition. The media itself is a proprietary base blend of synthetics and cellulose. Cellulose fibers are larger than synthetic fibers, and have larger spaces between the fibers, causing contaminants to load in the depth of the media and plug the airflow path. This creates higher restriction levels and less capacity. The synthetic fibers in the SuperNano-Web media are submicron in diameter and have small interior fiber spaces, which result in more contaminants being captured on the surface of the media. This can help keep restriction levels low as the filter loads with dirt and containments



If you look at the picture to the left, you can see the Nano-fiber web on top of our base media. That web, or Super-Nano-Web as we like to call it, helps trap smaller particles and protect your engine.

## **To Clean your filter:**

Carefully remove the filter from the housing. Once removed, wipe down the housing using a clean shop towel, being careful not to knock any dirt and/or debris in the air inlet. Your filters can be cleaned by carefully vacuuming the filter media from the dirty side, or by holding the filter with one hand and carefully blowing the filter media at a 45-degree angle from the clean side using low-pressure shop air (15-20 lbs. psi).

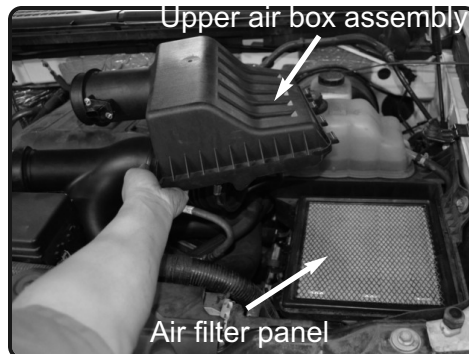
**\*IT IS IMPORTANT TO NOT USE ANY CLEANERS ON THE SUPERNANO-WEB MEDIA OR APPLY ANY OIL!!!**

**NOTE: DISCONNECT BATTERY BEFORE INSTALLATION!!!**

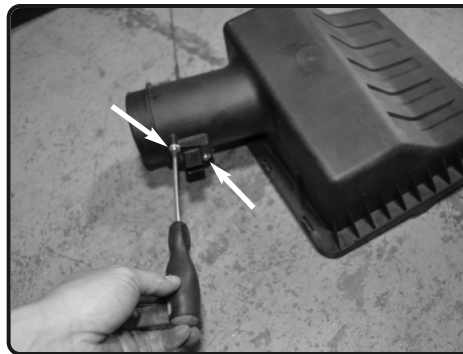
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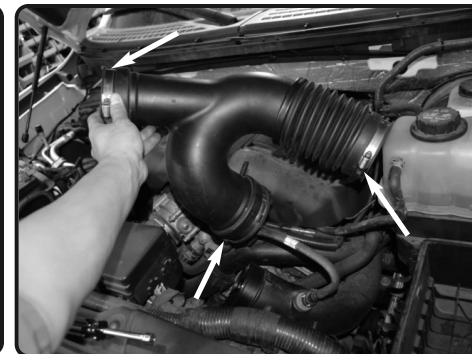
**1.** Stock intake system shown.



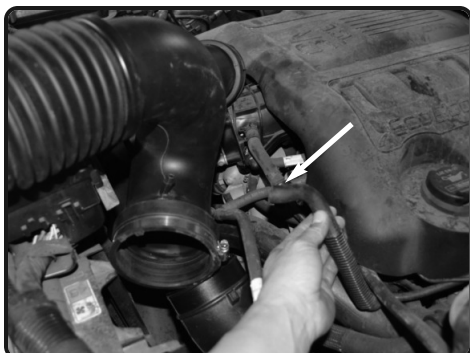
**2.** Disconnect the MAF sensor harness and unclip the 3 metal tabs holding the upper air box to the lower air box. Remove the upper box assembly and air filter panel.



**3.** Remove the two torq screws and remove the MAF sensor from the upper air box assembly



**4.** Loosen the three clamps on the factory Y-air duct and remove it from the engine bay.



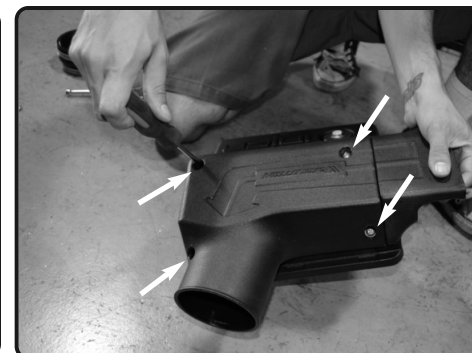
**5.** If your vehicle is equipped with with a vacuum line, disconnect it and place to the side for now.



**6.** Place the Filter Minder plug into the hole on the upper air box assembly



**7.** Once the Filter Minder plug is installed in the upper air box, install the filter onto the Injen air box plenum.



**8.** Use 4-M6X30 screws to secure the plenum to the Injen upper air box.



**9.** Install the Injen upper airbox and plenum onto the lower OEM airbox assembly and attach the 3 factory metal clips to secure the Injen air box to the OEM air box



**10.** Place the MAF sensor into the Injen intake tube and secure it with the two M4 supplied screws. If your vehicle is equipped with a Air Temp Sensor, used the supplied MAF/TEMP adapter and gasket

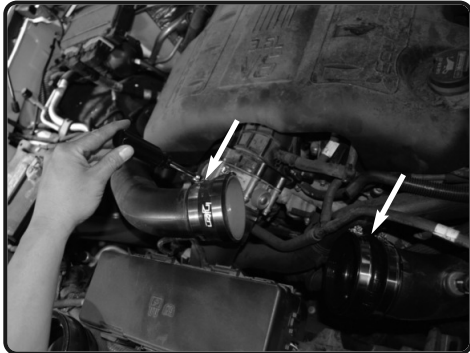


**11.** If your vehicle is equipped with a vacuum line, place the 1/4 NPT 3/8 barbed fitting into the insert on the intake tube. Place the 1/4 NPT plug if no vacuum line is present



**12.** Place the 4.00" hump hose and 2-#64 clamps onto the Injen intake plenum. Make sure you push the hump hose all the way over to allow room for the intake tube.

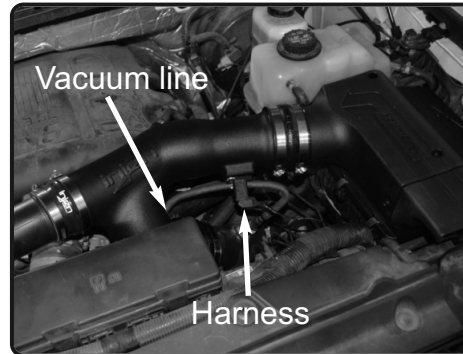
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**13.** Place a 4.00" humpse and 2-#64 clamps onto the 4.00" OE inlet tube and the 3.50"-3.25" step hose and #48 & # 56 clamp onto the 3.25" OE inlet tube.



**14.** Install the Injen intake tube and connect all the couplers and secure the intake tube by tightening the clamps once its been adjusted.



**15.** Connect the vacuum line to the 3/8" barbed fitting if equipped and then connect the MAF sensor harness to the MAF sensor.



Congratulations! You have just completed the installation of this intake system. Periodically, check the alignment of the intake, normal wear and tear can cause nuts and bolts to come loose. **Note: Check clearance and adjust if needed! Failure to check the alignment and adjust the intake can cause damage that will void the warranty. Injen Technology is not responsible for any damages caused by/from improper installation.**

## Test Drive:

1. With the transmission in neutral or park and the parking brake engaged, start the engine. Listen for air leaks or odd noises. If air leaks are detected, secure hoses and connections. For any odd noises, inspect entire system for cause and adjust intake as needed. The Injen intake will function identically to the factory system but will be louder and more powerful.
2. Perform a road test. Listen for odd noises or rattles and fix as necessary.
3. If there are no issues, continue to enjoy your added performance from the Injen performance Intake kit.
4. Injen Technology recommends you periodically check clearance and adjust if needed! Failure to check the alignment and adjust the intake can cause damage that will void the warranty. Injen Technology is not responsible for any damages caused by/from improper installation.

1. Upon completion of the installation, reconnect the negative battery terminal before you start the engine.
2. Align the entire intake system for the best possible fit. Once the intake has been properly fitted continue to tighten all nuts, bolts and clamps.
3. Periodically, recheck the alignment of the intake system and make sure there is proper clearance around and along the length of the intake. Failure to follow proper maintenance procedures may cause damage to the intake and will void the warranty.
4. Start the engine and listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that maybe causing leaks or rattles and correct the problem.
5. Check the filter for excessive dirt build up. Clean or replace the filter with an original Injen filter (can be bought on-line at "injenonline.com"). Congratulations! You have just completed the installation of the best intake system sold on the market. Enjoy the added power and performance of your new intake system.