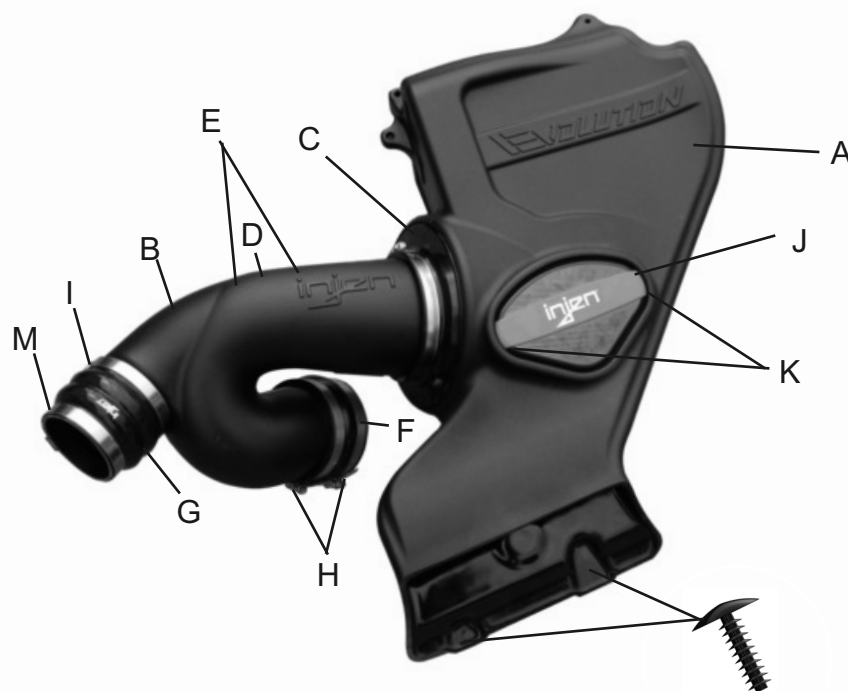




Vehicle Application:

2017-2023 Ford F-150 3.5L Twin Turbo
2017-2023 F-150 Raptor 3.5L Twin Turbo
2018-2023 Ford Expedition 3.5L Twin Turbo



Item	QTY.	P/N	Discription
A	1	#15183	Air Box
B	1	#15182	Intake tube
C	1	#1116BB	Dry filter (Blue Media) ^{EVO9104}
C	1	#1116BR	Oiled Filter (Red Media) ^{EVO9104C}
D	1	#15097	Temperature sensor adapter
E	2	#6047	M4 Button Head Screws
F	1	#3250	4.00" Hump Hose
G	1	#3237	Double hump step hose
H	2	#4006	#64 Clamps
I	1	#4005	#56 Clamps
J	1	#15141	Lg window
K	2	#6109	Lock clips
L	2	#6135	Push-In Rivet 0.281
M	1	#4004	#48 Clamps

TOOLS REQUIRED

10mm Ratchet & Socket
8mm nut driver
Allen key
Phillips Screwdriver
2.5mm Allen
13mm socket and rachet

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:EVO9104

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.**

NOTE: Verify your filter before any cleaning maintenance!

Blue media filter: Dry Air Filter, no oil required.

(SuperNano Web Dry filters require no oil, these can be cleaned using a vacuum or light compressed air. Please do not clean using water or injen restore kit.)

Red media filter: Factory Oiled Air Filter.

(Oiled cotton gauze filters require oil, please use injen restore kit. This filter can use water or cleaning solution for maintenance.)

Please visit injen.com for filter cleaning instructions.



NOTE: DISCONNECT BATTERY BEFORE INSTALLATION!!!

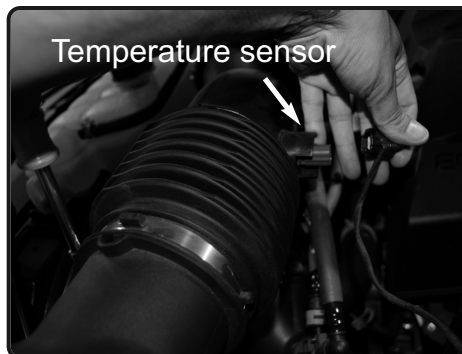
Instruction Manual P/N:EVO9104



1. Stock intake system shown.



2. Remove the two plastic retaining rivets from the air scoop.



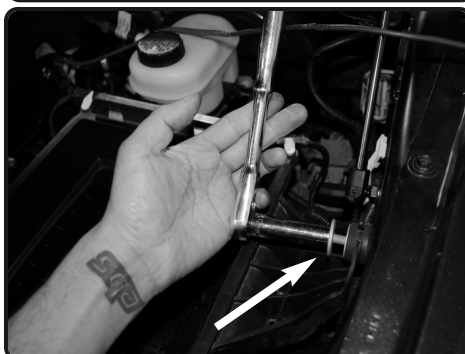
7. Disconnect the temperature sensor harness.



3. Loosen the 3 clamps on the stock intake tube using 7mm nut driver.



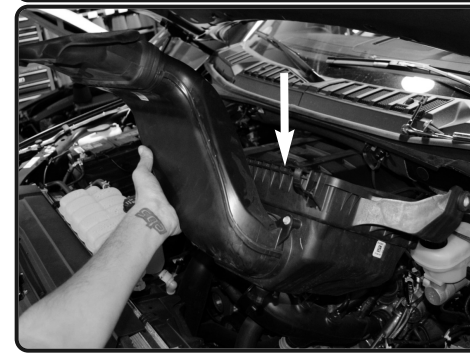
4. Un-clip the upper half of the air box attached to bottom of air box. Remove stock assembly out of vehicle.



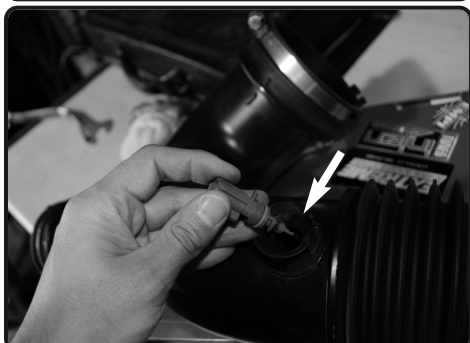
5. Loosen the bolt holding in the bottom of the airbox using 13mm socket or wrench. Save bolt for later install.



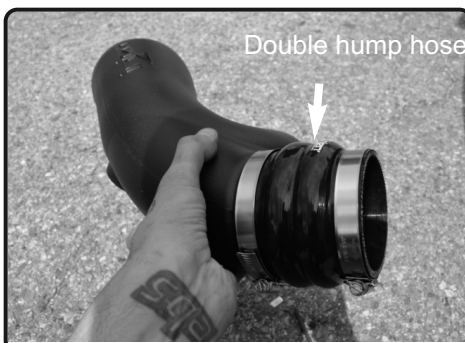
6. Pull back the harness from the air box. Pull back vacuum solenoid.



7. Now lift up and remove the bottom half of air box out of vehicle.



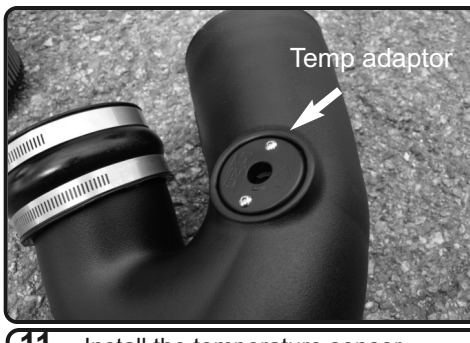
8. Loosen and remove the temperature sensor out of stock intake. Use a small flat head screwdriver to pull back clip on sensor.



9. Install the provided double step hump hose to the intake tube with clamps provided.



10. Install the 4" hump hose to the other end of the intake tube with clamps provided.



11. Install the temperature sensor adaptor to the intake tube and secure using provided M4 button head screws. SEcure and tighten using 2.5mm allen key.

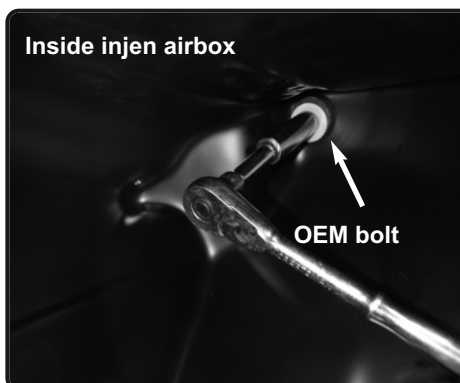
Instruction Manual P/N:EVO9104



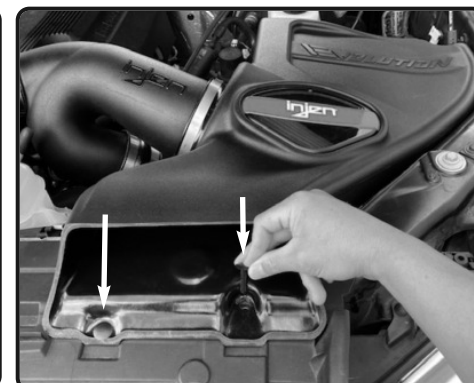
12. Remove the OEM grommet and crush washer from the stock airbox. Install into the new injen air box.



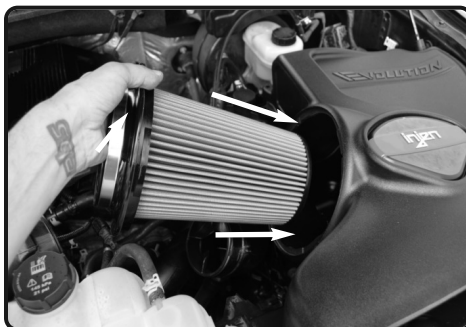
13. Install injen air box into vehicle and position to the OEM stand off grommets to chassis.



14. Use the OE air box bolt to secure the lower Injen air box to the chassis and tighten.



15. Install the provided push in rivets to the front of the scoop to the OEM holes from step 2.



16. Install the twist lock filter into the injen air box.



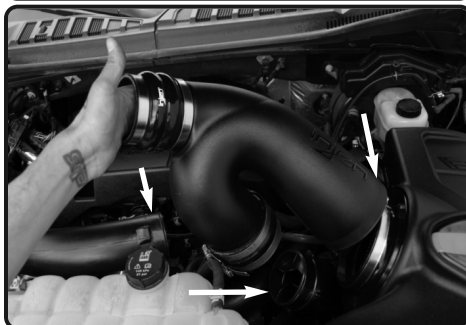
17. Once the filter is seated, turn the filter in either direction a 1/4" turn.



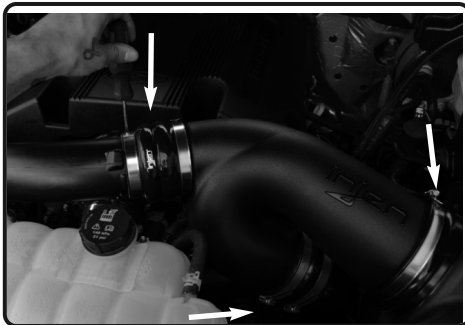
18. Re attach the harness to the air box holes on back side.



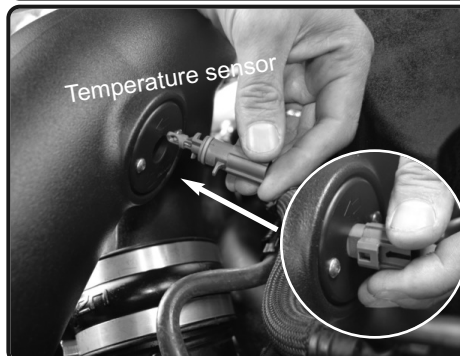
19. Attach the vacuum solenoid to the side of the air box.



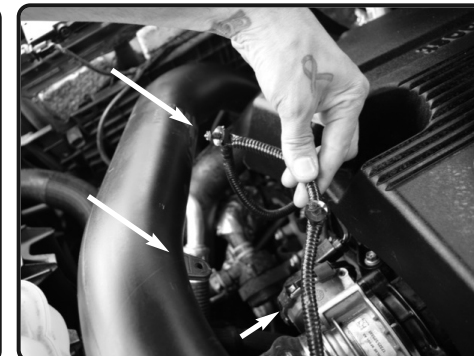
16. Install the intake tube assembly into the vehicle and position. Position the intake tube into the filter and intake pipes.



17. Adjust for fit, and tighten all the clamps using 8mm nut driver.



18. Install the temperature sensor into the adaptor. Once seated correctly turn and lock into position.



19. For the 3.5L and Raptor models, pull back the Temp harness clips from the intake tube, this will allow for more length to the sensor. Re-connect Temp harness.



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 "injenon-line.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.