

Vehicle Application: 2015-2020 Ford F-150 2.7/3.5L Twin Turbo 2017-2020 F-150 Raptor 3.5L Twin Turbo 2018-2020 Ford Expedition 3.5L Twin Turbo 2018-2020 Lincoln Navigator 3.5L Twin Turbo

| | Item | QTY. | P/N | Discription | | |
|---|------------------------|-----------------------|----------------|----------------------------------|--|--|
| | Α | 1 | #15182 | Air Box | | |
| | В | 1 | #15183 | Intake tube | | |
| | С | 1 | #1116BB | Dry filter (Blue Media)EVO9104 | | |
| | С | 1 | #1116BR | Oiled Filter (Red Media)EVO9104C | | |
| | D | 1 | #15097 | Temperature sensor adapter | | |
| | Е | 2 | #6047 | M4 Button Head Screws | | |
| | F | 1 | #3168 | 4.00" Step Hose | | |
| | G | 1 | #3237 | Double hump step hose | | |
| | Н | 2 | #4014 | #72 Clamps | | |
| | | 2 | #4005 | #56 Clamps | | |
| | J | 1 | #15141 | Lg window | | |
| | K | 2 | #6109 | Lock clips | | |
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| | TOOLS REQUIRED | | | | | |
| | 10m | 10mm Ratchet & Socket | | | | |
| | | | 8mm nut driver | | | |
| WARNING: FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS AND NOT USING THE PRO- | Allen key | | | | | |
| VIDED HARDWARE MAY DAMAGE THE INTAKE SYSTEM, ENGINE AND COMPONENTS!!! | Phillips Screwdriver | | | | | |
| *Do not attempt to install the intake system while the engine is hot. | 2.5mm Allen | | | | | |
| Severe burn could result from touching hot engine components! | 13mm socket and rachet | | | | | |
| Report any defective or missing parts to the authorized Injen dealer you purchased this product from. Before installing any parts of this system, | | | | | | |

Report 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.

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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. <u>Please keep your factory air box assembly for any future use.</u>

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!!!



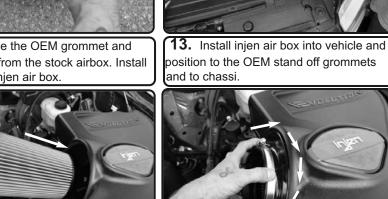
lprovided.

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sensor.

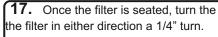


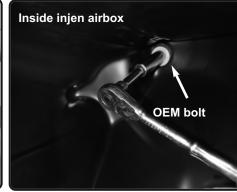
12. REmove the OEM grommet and crush washer from the stock airbox. Install into the new injen air box.





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





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



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



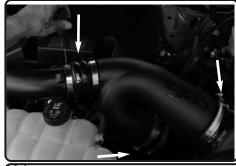
15. Re-use the two plastic retaining rivets from figure 2 to secure the Injen lower air box scoop to the radiator support



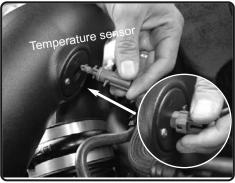
19. Attach the vacuum solenoid to the side of the air box.



20. Install the intake tube assembly into the vehicle and position. Positon the intake tube into the filter and intake pipes.



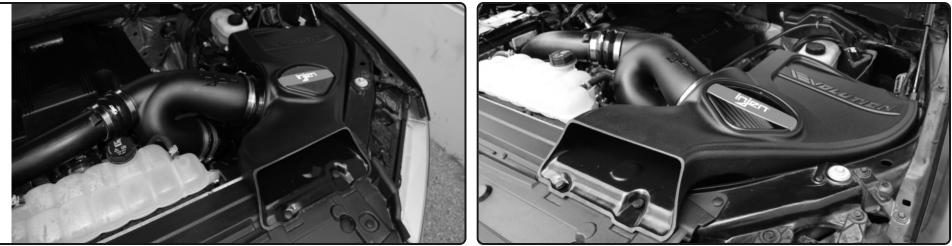
21. Adjust for fit, and tighten all the clamps using 8mm nut driver.



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



23. For the 3.5.L and Raptor models, pull back the Temp harness clips from the in-take 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. <u>Note: Check clearance and adjust if needed! Failure to check</u> 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 mainentance 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. 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.

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