



Part number PF9091
2015 Ford Mustang Ecoboost
2.3L 4-Cyl. Turbo

- 1- 2 pc. CAI intake equipped with **M.R. Technology**
- 1- 3-1/4" Injen dry filter (#1059BB)
- 1- 3-1/4" straight hose (#3045)
- 1- 2-3/8"x3" step hose (#3108)
- 2- #56 clamp (#4005)
- 1- #48 clamp (#4004)
- 1- #36 clamp (#4008)
- 2- M6 Vibramount (#6020)
- 4- M6 Nut (#6002)
- 4- Fender Washer (#6010)
- 1- Grommet (#8002)

Note: Injen strongly recommends that this system be installed by a professional mechanic.

All parts and accessories now sold on-line at : www.INJENONLINE.COM

Injen Technology
 244 Pioneer Place Pomona
 CA 91768 USA



Congratulations! You have just purchased the best engineered, dyno-proven cold air intake system available. Please check the contents of this box immediately.

Report any defective or missing parts to the Authorized Injen Technology 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 the dealer you purchased this product from. Installation DOES require some mechanical skills. A qualified mechanic is always recommended. *Do not attempt to install the intake system while the engine is hot. The installation may require removal of radiator fluid line that may be hot. Injen Technology offers a limited lifetime warranty to the original purchaser against defects in materials and workmanship. Warranty claims must be handled through the dealer from which the item was purchased.

PRODUCT DISCLAIMER AND LIABILITY WAIVER: THIS PRODUCT IS DESIGNED FOR OFF-ROAD or COMPETITION USE ONLY.

Please keep all OEM intake system components for future use.

Note: This intake system was Dyno-tested with an Injen filter and Injen parts. The use of any other filter or part will void the warranty. Parts and accessories are available on line at "Injenonline.com"

M.R. Technology
"The World's First Tuned air Intake System!"
 Factory safe air/fuel ratio's for Optimum performance Patent# 7,359,795
 Now equipped with "Air Fusion" Patent pending
"At Injen Technology, we didn't copy the step down process, we invented it!"

Warning: Manufactures attempting to duplicate Injen's patented process will now face legal action.
 MR Technology Step down process:
 1- Calibration Method for Air Intake Tracts for Internal Combustion Engines. Covered under Patent# 7,359,795
 2- Calibration Device for Air Intake Tracts for Internal Combustion Engines. Published and patent pending
 3- Calibration Method and Device for Air Intake Tracts having Air Fusion Inserts. Published and patent pending



Figure 3 Stock air box assembly shown in this picture. Disconnect battery before the install.

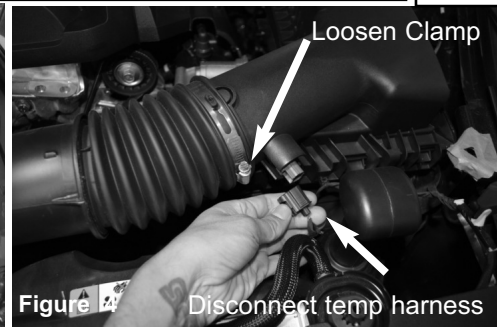


Figure 4 Loosen the clamp on the upper part of the air-box. Disconnect temperature sensor harness.

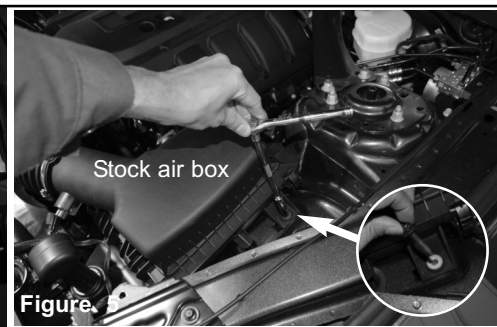


Figure 5 Locate the screw holding in the air box. Loosen using 10mm nut driver or socket. Remove the screw.

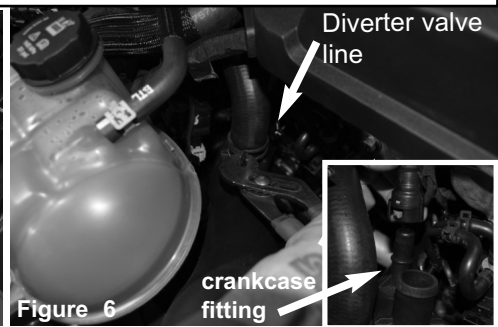


Figure 6 On the intake tube near turbo, loosen the clamp on the diverter valve line. Pull line away from tube. Disconnect the crankcase line on tube also.

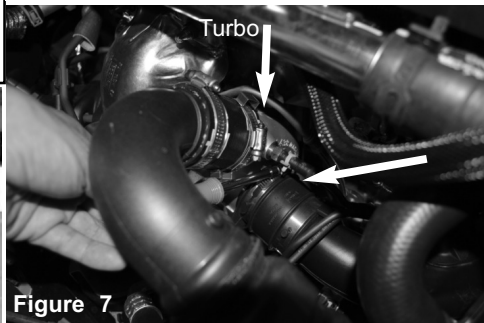


Figure 7 On the end of the intake tube, loosen the clamp on the turbo.

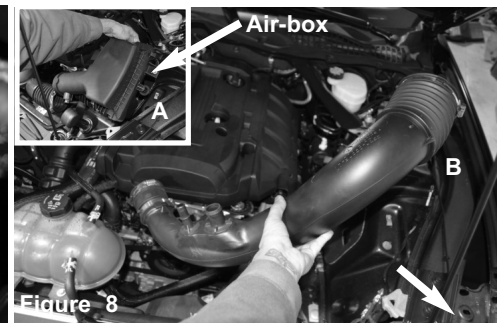


Figure 8 A) Lift up and remove the air box out of the vehicle. B) Now remove the intake tube out of vehicle.



Figure 9 Shown above is the complete stock air box assembly removed.

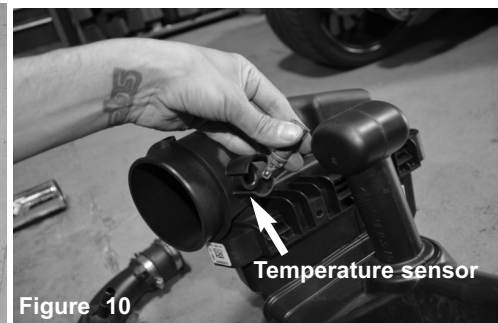


Figure 10 Remove the temperature sensor out of the airbox. Turn and pull the temperature sensor out of tube.

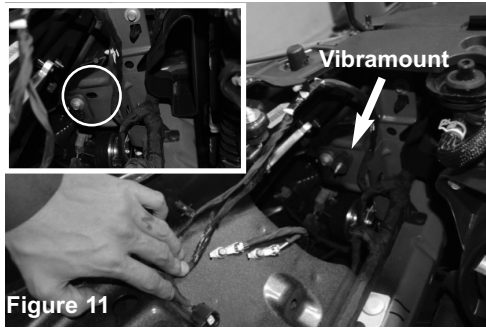


Figure 11

Locate the hole slot on front of the radiator support. This is located behind headlight. With provided fender washer and nut install the vibramount to this location and secure. This will be used for lower intake assembly.

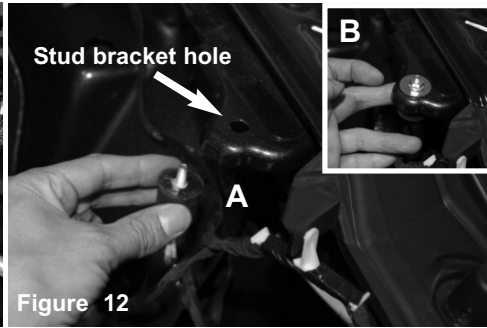


Figure 12

A) locate the hole next to fender inside of engine compartment and from bottom-up, install the vibramount. B) Secure the vibramount using provided m6 nut and fender washer.

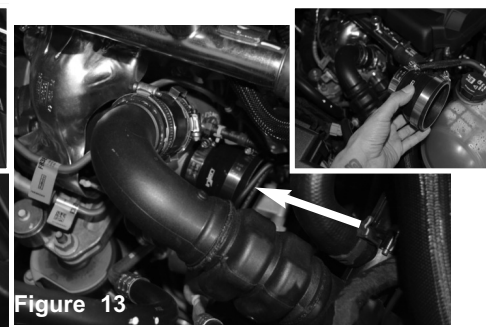


Figure 13

Install the step hose with clamps provided to the turbo. Tighten the clamp on turbo only.

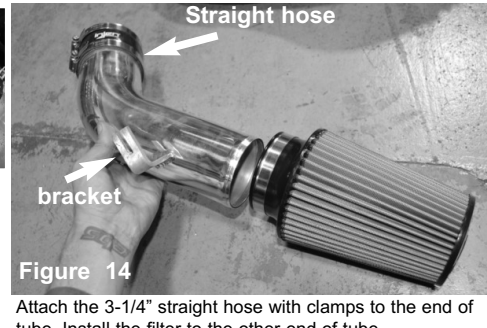


Figure 14

Attach the 3-1/4" straight hose with clamps to the end of tube. Install the filter to the other end of tube. Note: position of bracket on intake tube.

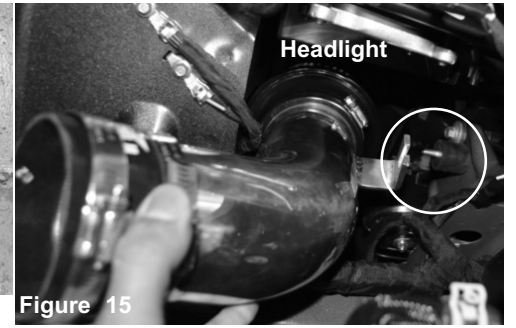


Figure 15

Clear and move lines or harness out of way for easier installation of filter. Now install the lower intake assembly into the vehicle and position the bracket to the vibramount from step 11.

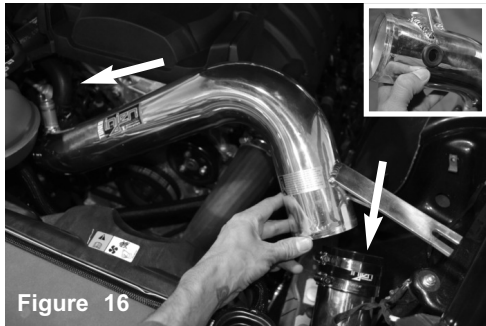


Figure 16

Install the upper intake assembly into vehicle. Position to the turbo and the lower intake assembly. Position the bracket on intake tube to the vibramount from step 12. Install the grommet to the hole on intake tube.



Figure 17

Connect the tubes and position for best fit, secure the vibramounts using provided M6 nuts and fender washers. Make sure bracket is on the bottom of vibramount.

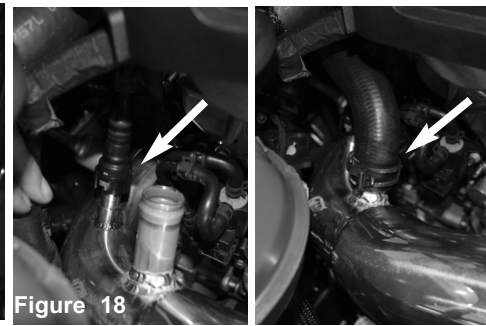


Figure 18

Connect the crankcase line to the fitting on intake tube. Make sure you hear a click. Connect the diverter valve line to the intake tube fitting using pliers and secure.



Figure 19

Now install the temperature sensor into the grommet and secure. Secure and connect the harness.

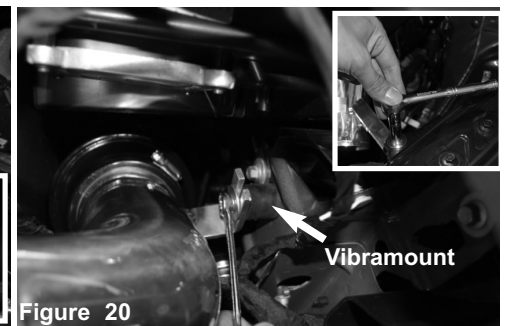


Figure 20

Secure and tighten the vibramounts using 10mm socket or wrench. Position for the best fit and tighten.

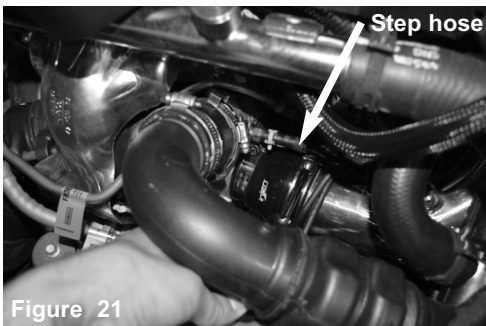


Figure 21

Make sure the intake is positioned, tighten all clamps using 8mm nut driver.

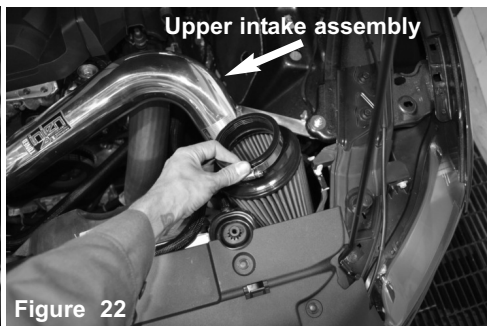


Figure 22

For short ram configuration, make sure the lower intake assembly is removed. Install the filter to the upper intake tube assembly. Secure and tighten using 8mm nut driver.



Figure 23

Short Ram intake assembly shown.



Figure 24

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.**

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.