Part number SP9002

2015-2016 Ford Focus ST
2.0L 4-Cyl. Turbo

1-	2 pc. Short ram intake equipped with **M.R. Technology**	
1-	3.5" Injen dry filter	(#1021BB)
1-	Heatshield	**(#11100)**
1-	3/8"NYLON spacer	(#8042)
1-	3" straight hose	(#3044)
1-	2.5"x3" step hose	(#3110)
3-	#48 clamp	(#4004)
1-	#40 clamp	(#4003)
1-	Bulb edge trim @13" L	(#6094)
1-	Rubber trim @10.5" L	(#6058)
2-	M6x25 hex screw	(#6006)
1-	grommet	(#8002)
1-	M6 Vibramount	(#6020)
2-	M6 Nut	(#6002)
4-	Fender Washer	(#6010)

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

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.

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. Remove the engine cover.

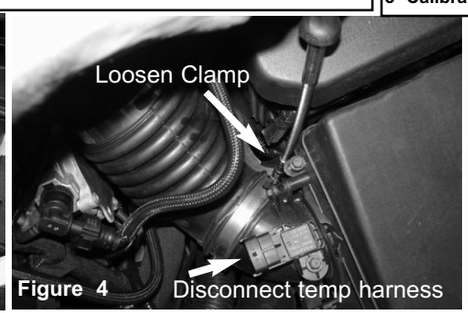

Figure 4

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

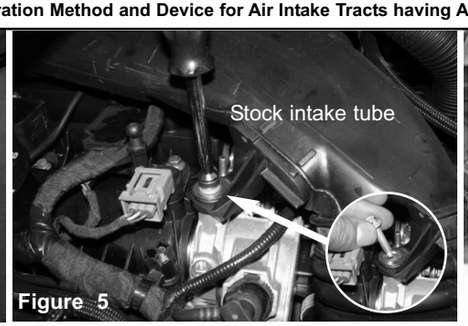

Figure 5

Locate the screw holding in the upper half of the stock intake tube. Loosen using 8mm nut driver or socket. Remove the screw.

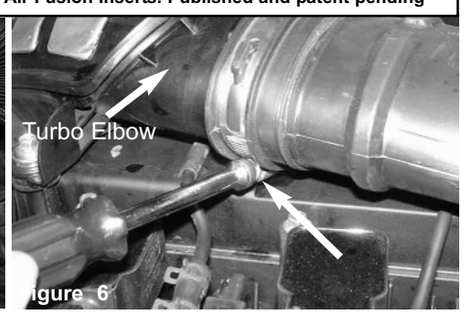

Figure 6

Loosen the clamp on the plastic turbo elbow. Remove the stock intake tube from the turbo elbow.

Figure 7

Carefully lift up and remove the stock intake tube from the vehicle.

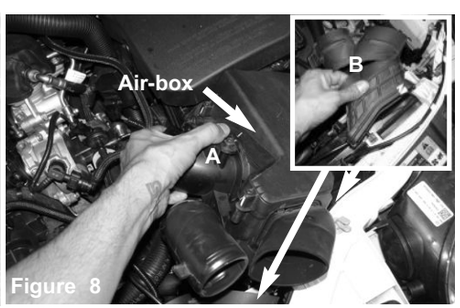

Figure 8

A)Lift up and carefully remove the stock air box.
B)Now remove the rubber snorkel sleave.

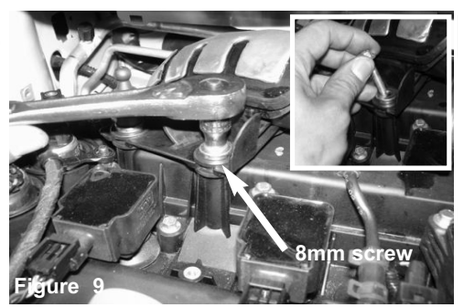

Figure 9

Loosen the 8mm screw holding in the plastic turbo elbow. Remove the screw.

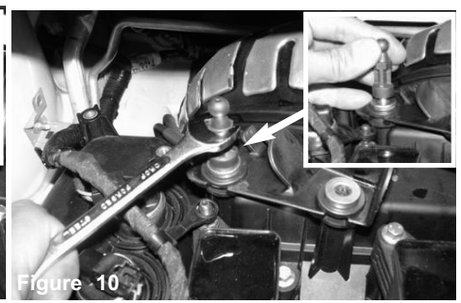

Figure 10

Now loosen the engine cover fitting using 12mm wrench. Remove and save fitting and grommet with spacer for later install.

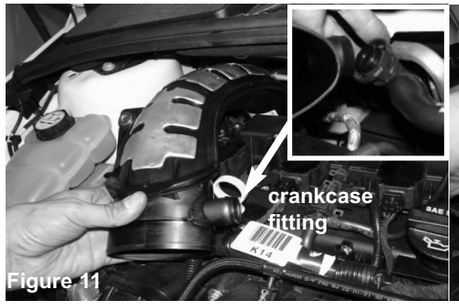

Figure 11

Loosen the clamp on the turbo side, remove the plastic turbo elbow. Disconnect the sensor-harness line. Disconnect the crankcase line.

Figure 12

Install the vibramount to the thredded insert from step 5. Secure and tighten.

Figure 13

Install the bulb edge trim to the cut out on heat shield. Install the rubber trim to the top of the heat shield.

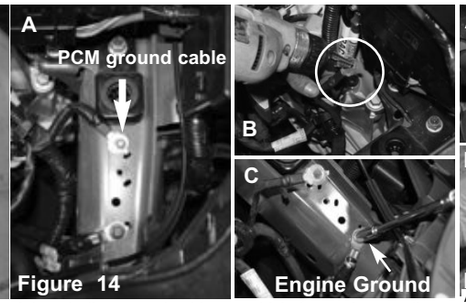

Figure 14

A)Locate the ground cable on vehicle frame. Loosen the screw holding in cable using 8mm socket or wrench and remove screw. B) Drill hole on PCM cable to 3/8". Bend tab flat. C)Loosen the engine ground using 10mm.

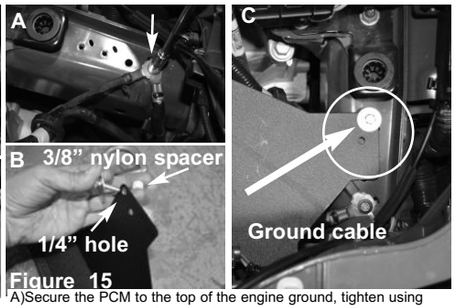

Figure 15

A)Secure the PCM to the top of the engine ground, tighten using original 10mm screw. B)Locate the 1/4" hole on corner of heat shield. **This will be used on 2015-16 model ST**. C)With provided M6 screw and fender washer, install heatshield and secure to thredded insert from previous step. Use nylon spacer between heatshield and frame. Secure and tighten.

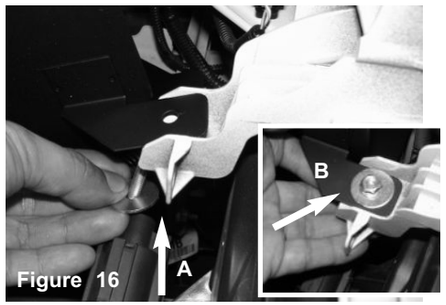

Figure 16

Secure the heatshield tab to the factory position air box bracket. Install the hex screw with fender washer bottom up. Secure the top of the tab using provided M6 nut and fender washer.

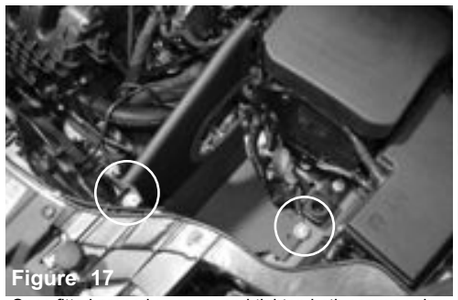
Figure 17

Once fitted properly, secure and tighten both screws using 10mm socket and wrench.


Figure 18

Install the step hose to the turbo with clamps provided. Tighten the clamp on the turbo only. Place clamp on the 3" side in a spot allowing for easy access when you tighten the clamp.

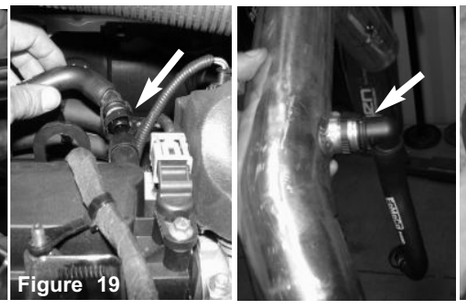
Figure 19

Remove the crank case fitting on the the engine. *See step 11.* Secure and make sure the seal seats and the clip clicks. Lubricate inside of fitting, rotate and position for easier installation.

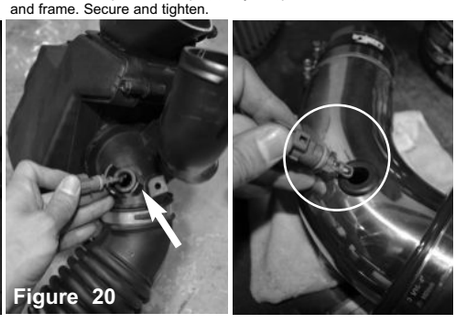
Figure 20

Loosen and turn the temperature sensor out of the air box. Now install the grommet to the hole in the intake tube. Now install the temperature sensor into the intake tube.

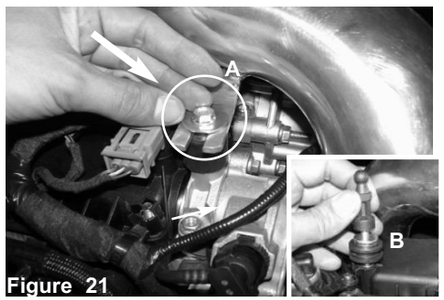

Figure 21

A)Install the primary intake tube and secure to the turbo and bracket to the vibramount. Secure using provided m6 nut and fender washer. B)Re-install the fitting from step10, this will allow for the engine cover install.

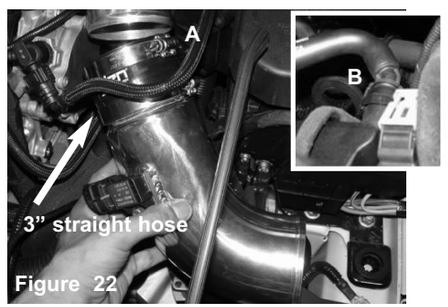

Figure 22

A)Attach the 3" straight hose with clamps to the primary intake tube. Now install the secondary tube and connect to the primary tube. Do not tighten.B)Connect the crankcase line to the engine fitting from step 11 &19.


Figure 23

Install the air filter. Position the intake for the best fit, tighten all clamps using 8mm nut driver. Tighten and secure the vibramount using 10mm socket or wrench. Connect the temp sensor. Re-install the engine cover. Connect the battery terminals.


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 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.
Congratulations! You have just completed the instal-lation of the best intake system sold on the market. Enjoy the added power and performance of your new intake system.