



- Tools required:**
- 1- 8mm nut driver
 - 1- 10/13mm socket
 - 1- ratchet
 - 1- phillips screwdriver
 - 1- flathead screwdriver
 - 1- 2.5mm allen key

Part number SP9016
2014 Ford Fiesta ST
1.6L turbo 4 cyl.

- 1- MR Tech 1 piece short ram intake system
- 1- 2-1/2" web -nano fiber filter (#1012)
- 1- Heatshield (#11105)**
- 1- 2-1/2" straight hose (#3127)
- 2- Power-bands (.040) (#4003)
- 1- M6 male/female Vibramount (#6028)
- 2- M6 fender washer (#6010)
- 1- M6 nut (#6002)
- 2- M4 Button head screws (#6047)
- 2- M8 Long bolt (#6068)
- 2- M8 locknut (#8046)
- 2- small washers (#6011)
- 1- M6 allen screw (#6056)
- 1- Bulb edge trimseal @10" L (#6094)
- 1- 4 page instruction

This MR Tech Tuned intake system is designed to be used with original Injen parts.

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.

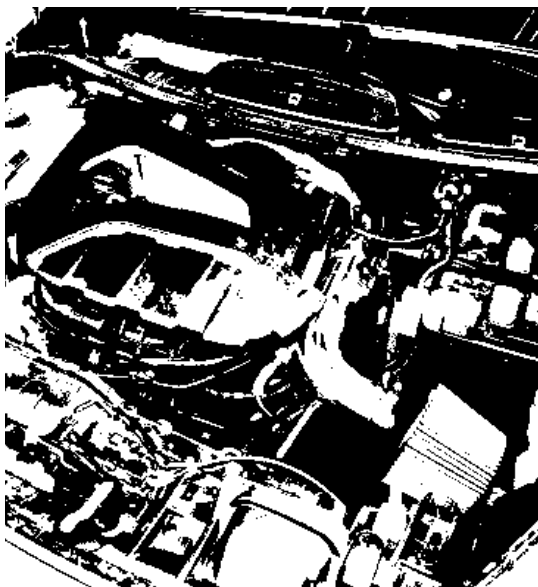
Please check the contents of this box immediately.

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 and CARB exemption number.

Note: The installation of this cold air intake does require mechanical skills. Removal of the front bumper requires loosening and removing several plastic plugs and screws that may be difficult. In addition to removing the bumper, you will also have to remove the air resonator box, battery and tray when beginning this installation. **Injen strongly recommends that this system be installed by a professional mechanic.**

MR Technology, "The World's First Tuned Intake System!"

Optimum performance, Factory safe air/fuel ratio. (Patented)



Hydro-Shield used on this application is X-1033 (Sold Separately)

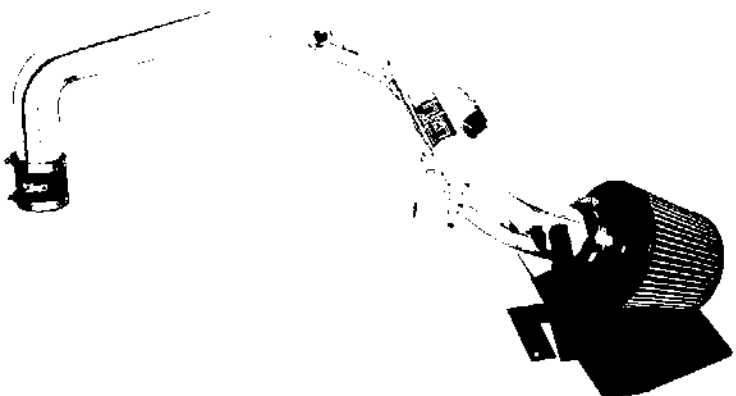


Figure 2

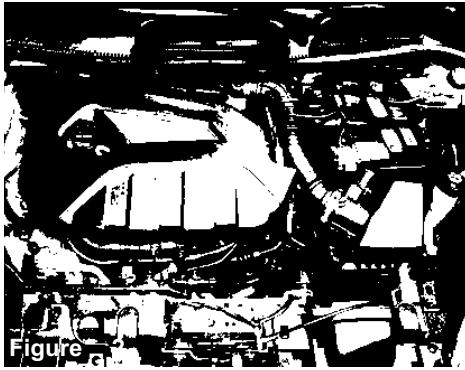


Figure 3
Complete stock air intake cleaner and air intake duct.

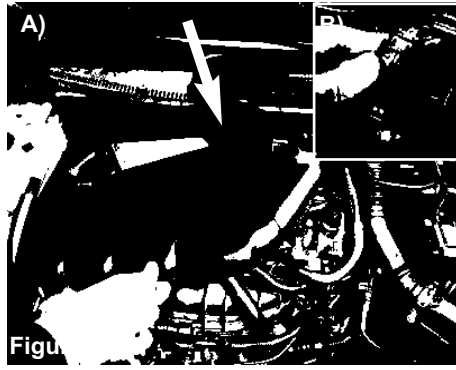


Figure 4
A) Remove the engine cover.
B) Disconnect the MAF sensor harness.

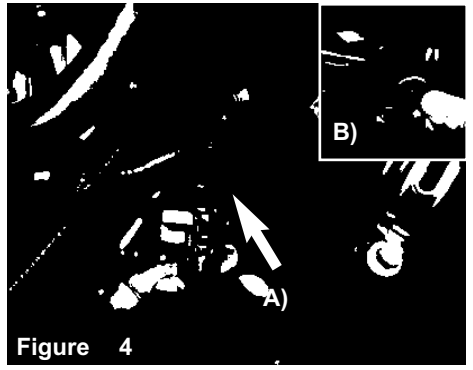


Figure 5
A) Disconnect the vacuum line from the fitting on stock intake tube.
B) Disconnect the Crank-case line from the intake tube.

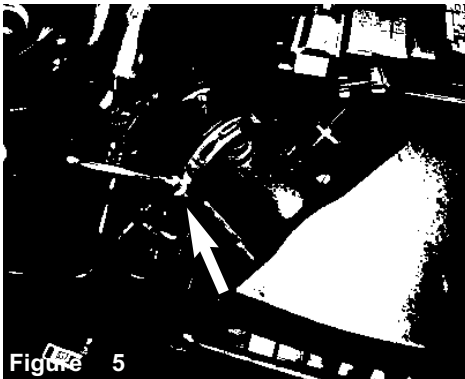


Figure 6
Loosen the clamp on the air box using 8mm nut driver.

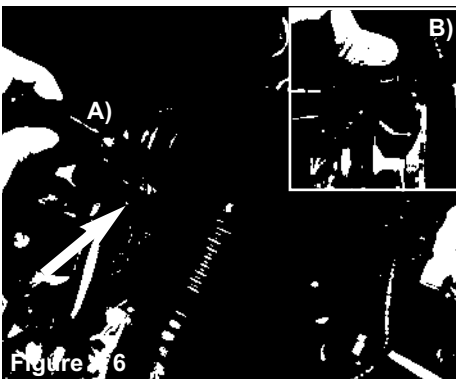


Figure 7
A) Loosen the clamp on the intake tube.
B) Locate the vacuum line fitting on the engine, disconnect fitting. Pull back line this will allow for easy removal and installation of intake system.



Figure 8
Remove the intake tube from vehicle.



Figure 9
Pull back the ram air scoop from radiator support.



Figure 10
Now lift up and remove the stock air box out of vehicle.



Figure 11
Locate the screw/engine cover fitting. This holds in the factory intake tube to turbo. Save for later install for the engine cover.

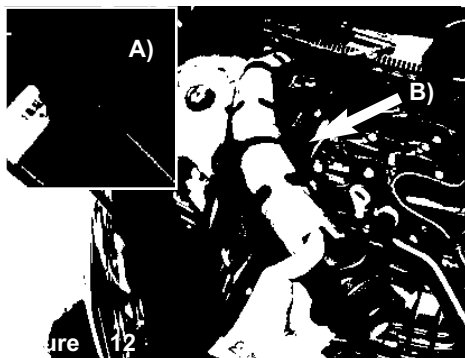


Figure 12
A) Locate the turbo and loosen the clamp on turbo holding in the intake tube.
B) Now rotate and move the tube and remove from vehicle.

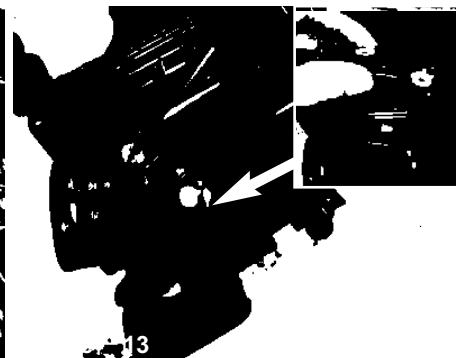


Figure 13
Loosen the 2 screw holding in the MAF sensor using T20 torx bit. Carefully remove MAF sensor from air box.

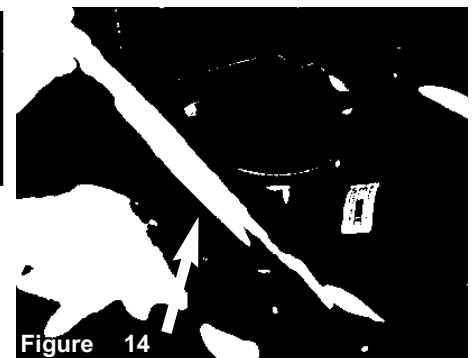


Figure 14
Now install the straight hose with clamps on the turbo. Tighten the clamp on the turbo side only.

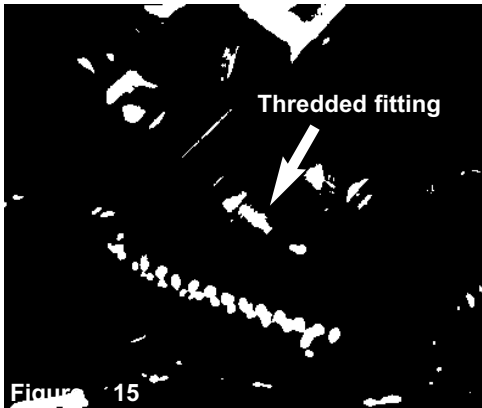


Figure 15
 Locate the M6 thredded fitting on side of engine. See figure 6B for the location right under the vacuum fitting.

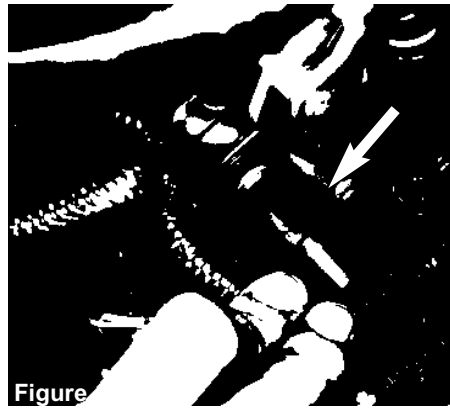


Figure 16
 Now install the female side to the fitting. Secure and tighten.



Figure 17
 Install the bulb trim to the top of the heatshield. Cut the corner and notch a V for a clean cut and bend.

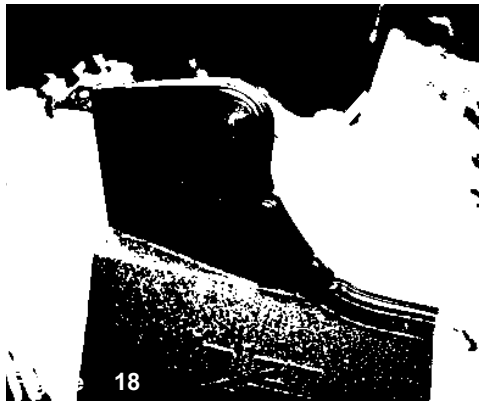


Figure 18
 Attach the trim seal to the remaining part of the heatshield.

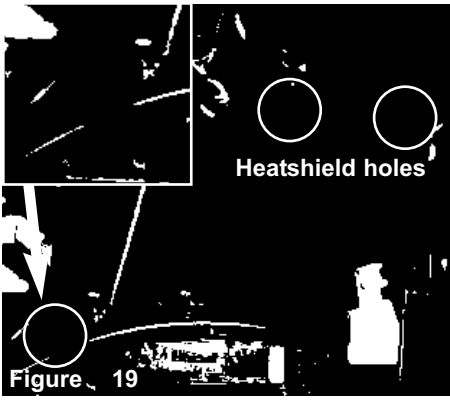


Figure 19
 Install the heatshield and position into vehicle. Locate the 2 holes on heatshield to the grommets. Locate the tab on heatshield and slide under the factory plastic radiator support.

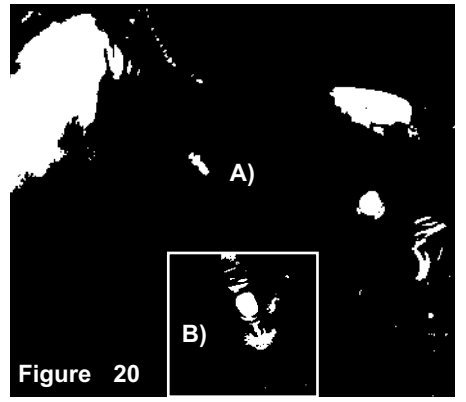


Figure 20
 A) Secure the larger 2 holes on heatshield using provided Long M8 bolt, secure back side using washer and M8 locknut. B) Secure the front tab using provided M6 screw and fender washer



Figure 21
 A) Tighten the 2 bolts using 13mm socket and wrench. B) Secure M6 allen screw using 5mm allen key.

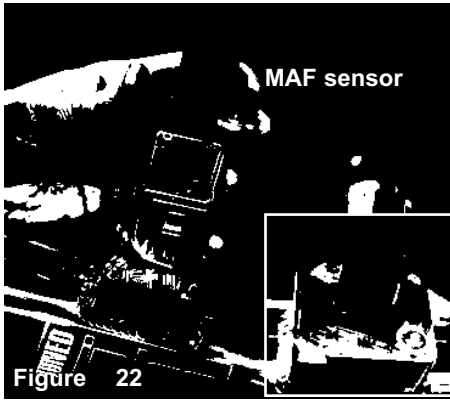


Figure 22
 Now install the MAF sensor into the new intake tube and secure and tighten using provided M4 screws.



Figure 23
 Install the intake tube into vehicle. Position like above image to install. Slowly rotate tube to the hose on turbo.

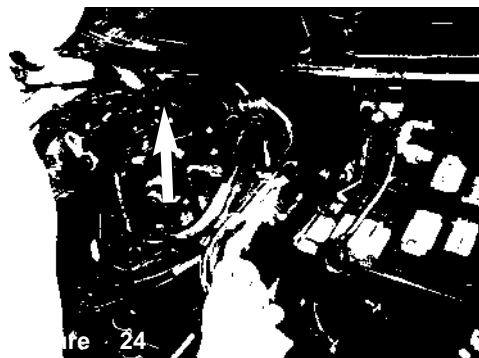


Figure 24
 Now install the intake tube to the hose on turbo and position the bracket to the vibramount from steps 15/16. Do not tighten.

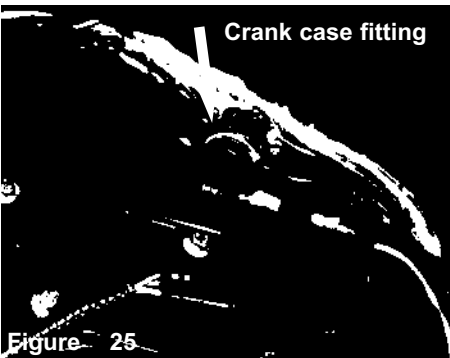


Figure 25
 Connect the Crank case line to the fitting on intake tube. Use some lubrication inside the fitting for easier installation. Make sure you hear a click.

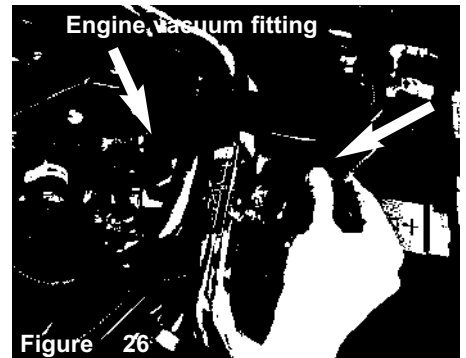


Figure 26
 Now re-connect the vacuum line from step 6B. Connect the MAF sensor harness.

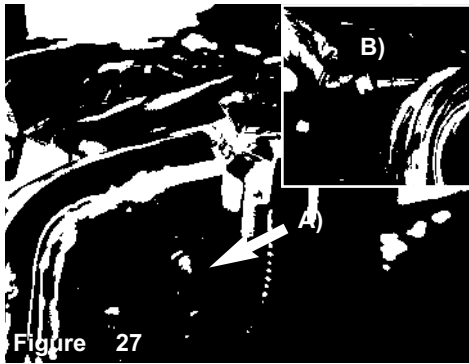


Figure 27

A) Secure the bracket using provided M6 nut and fender washer. Do not tighten.
 B) Secure the vacuum line to the fitting on intake tube.

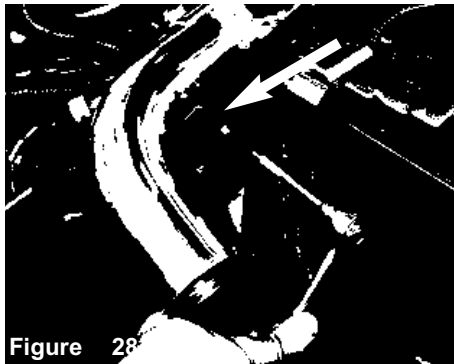


Figure 28

Adjust the intake tube and position for best fit, make sure there is enough clearance and nothing touching. Tighten using 10mm socket and extension. Tighten the clamp on the turbo. Re-adjust if necessary.

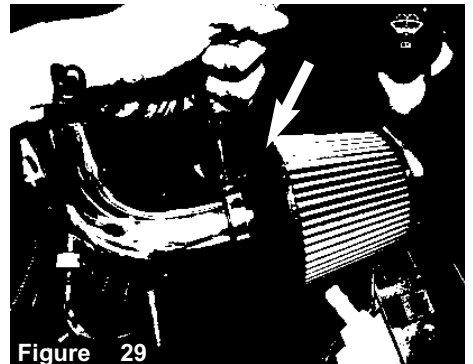


Figure 29

Install the filter to the intake tube and tighten using 8mm nut driver.



Figure 30

Re-install the fitting from step 10. Secure and tighten. Now install the engine cover.

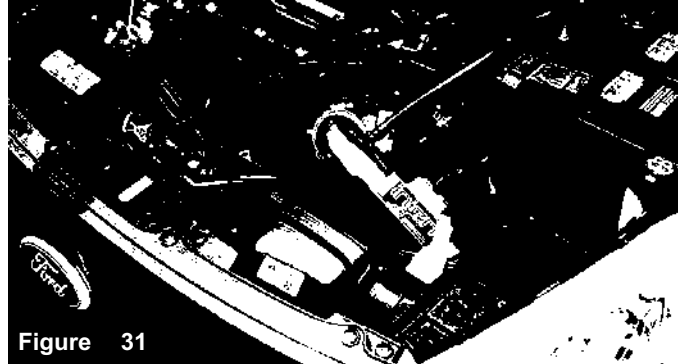


Figure 31

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.**

Note: With the transmission in neutral, start the engine and listen for possible air leaks, rattles, rubbing or idle problems. For air leaks, check all connecting hoses and clamps. For rattling or rubbing, check the intake fitment and intake bracket on vibra-mount. Always, find the cause of the problem and repair it before moving forward.

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.
- 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.