



- Tools required:**
- 1- 8mm nut driver
 - 1- 12mm socket
 - 1- ratchet
 - 1- phillips screwdriver
 - 1- flathead screwdriver
 - 1- 2.5mm allen key

Part number SP9015
2011 Ford Fiesta 1.6L 4 cyl.

- 1- MR Tech 2 piece cold air intake system
- 1- 2-3/4" web -nano fiber filter (#1010)
- 1- 2-3/4" straight hose (#3043)
- 1- 2-1/4" straight hose (#3035)
- 1- 10mm vacuum hose @ 32" L (#3077)
- 1- 8mm vacuum hose @ 9" L (#3091)
- 2- Power-bands (.040) (#4003)
- 2- Power-bands (.036) (#4008)
- 2- M4 Button head screws (#6047)
- 1- M8 Male/female vibra mount (#6061)
- 1- M8 washer (#6011)
- 1- M8 nut (#6017)
- 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.

Injen Technology 285 Pioneer Place Pomona, CA 91768 USA

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)



Figure 1

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



Figure 2



Figure 2
Complete stock air intake cleaner and air intake duct.

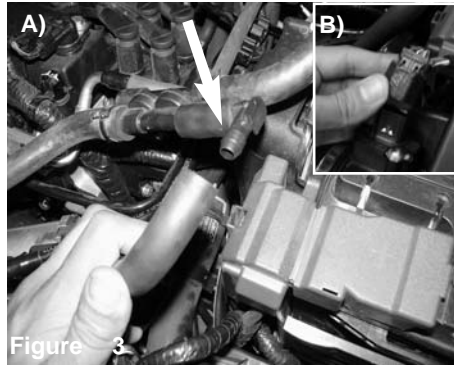


Figure 3
A) Pull back crank case line from fitting.
B) Disconnect the MAF sensor harness.

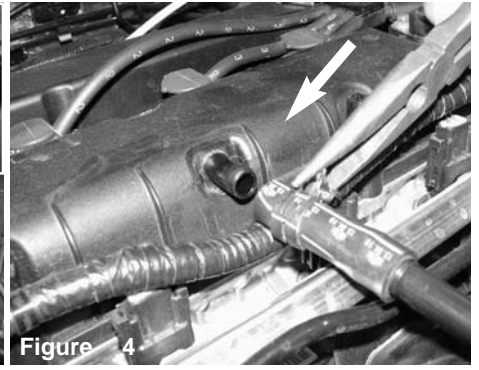


Figure 4
Disconnect the electrical MAF sensor harness.

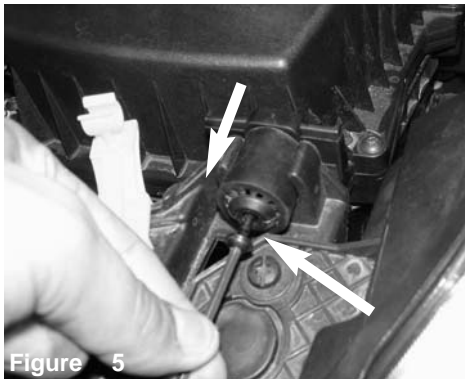


Figure 5
With 4mm allen key, loosen the screw holding in air box grommet and remove.

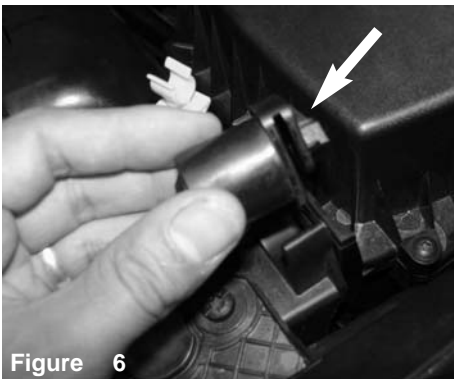


Figure 6
Carefully remove the grommet from air box.



Figure 7
With flat head screwdriver, loosen the clamp on throttle body.

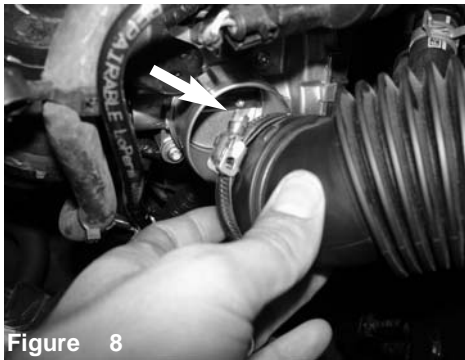


Figure 8
Pull back intake tube from throttle body.

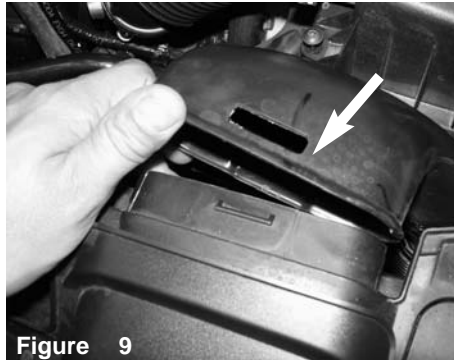


Figure 9
Pull back the ram air scoop from radiator support.

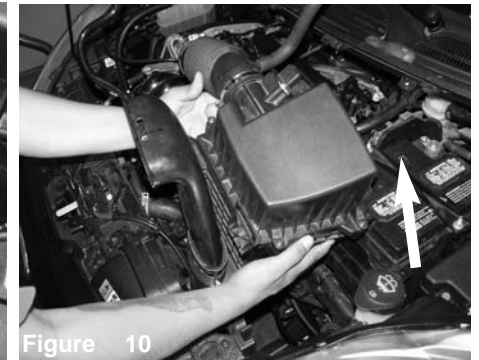


Figure 10
Carefully lift and pull out air box.

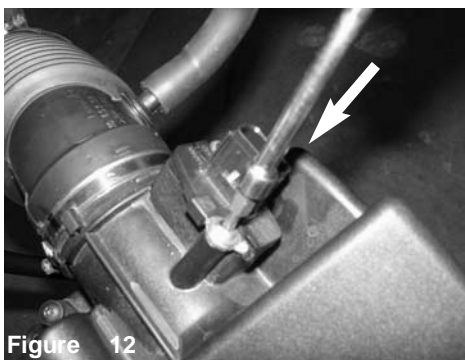


Figure 12
With T20 torx bit, loosen and remove the 2 screws holding in MAF sensor.

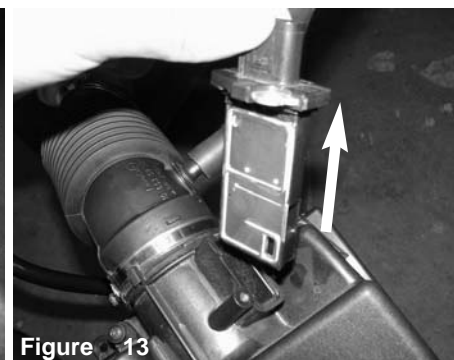


Figure 13
Carefully remove MAF sensor from air box.



Figure 14
For easier installation, you can carefully lift front of vehicle. From under neath vehicle or from up top, attach M8 male/female vibra mount to stud on frame next to washer reservoir and secure.

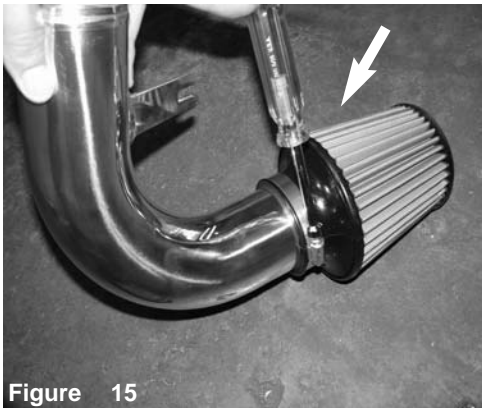


Figure 15
Attach the air filter to lower intake assembly and tighten.

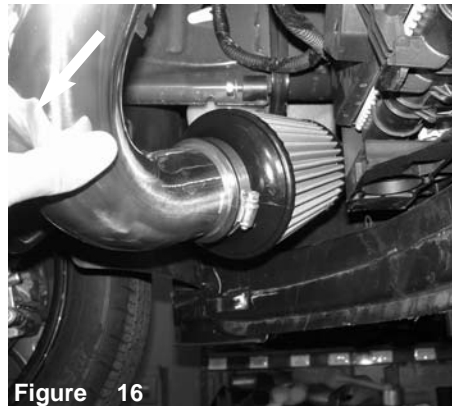


Figure 16
Install the lower intake assembly into cut out next to washer reservoir and radiator. Position the bracket on intake tube to vibra mount.

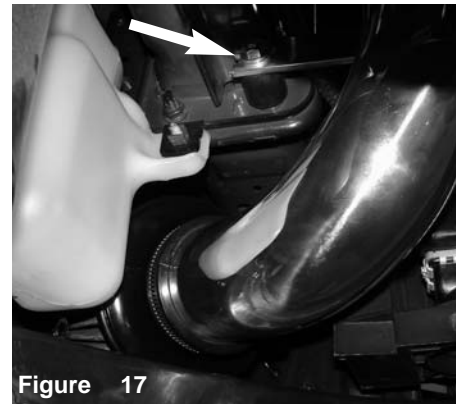


Figure 17
Secure the bracket using provided M8 nut and washer.



Figure 18
Install the MAF sensor into new intake tube.



Figure 19
Secure and tighten the MAF sensor using provided M4 button head screws using 2.5mm allen key.

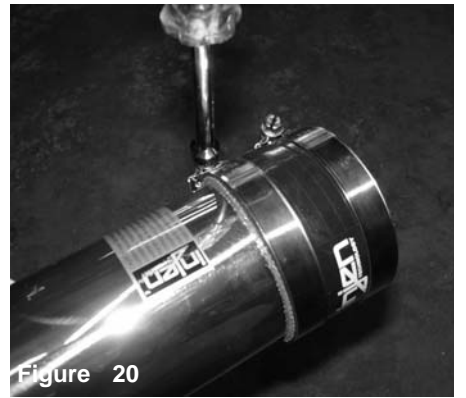


Figure 20
Attach the 2-3/4" straight hose with clamps provided to upper intake tube assembly and tighten on tube only.

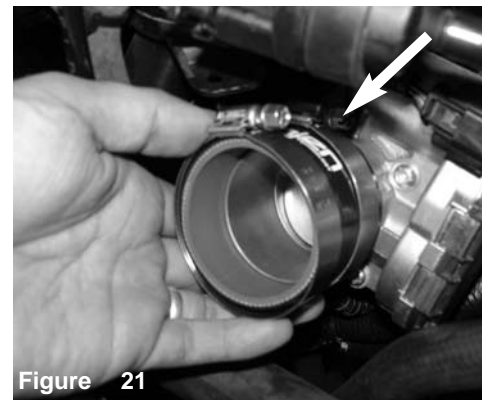


Figure 21
Install the 2-1/4" straight hose with clamps provided to throttle body and tighten on throttle body only.

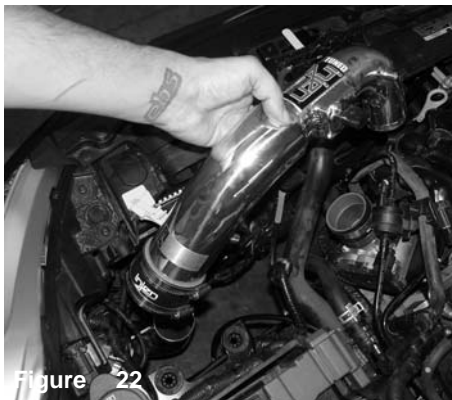


Figure 22
Install upper intake tube assembly and position to lower intake tube and throttle body. Connect the 2 intake tubes together.



Figure 23
Tighten clamp on throttle body using 8mm nut driver.

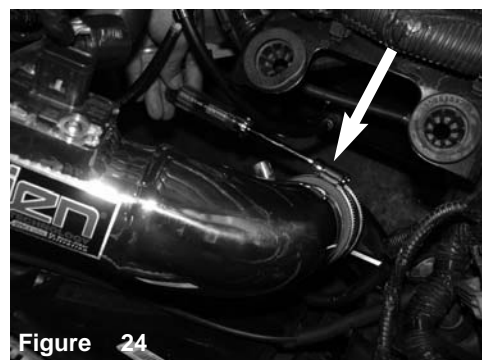


Figure 24
Position best possible fit and tighten remaining clamps using 8mm nut driver.

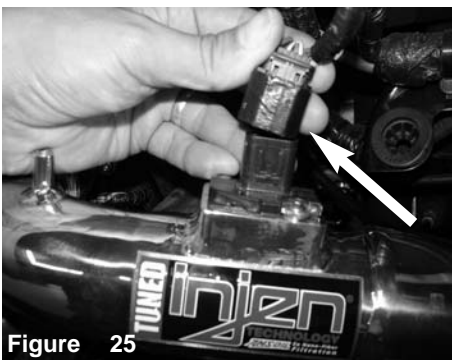


Figure 25
Reconnect MAF sensor harness,



Figure 26
Attach new provided 8mm hose to intake tube and plastic fitting.

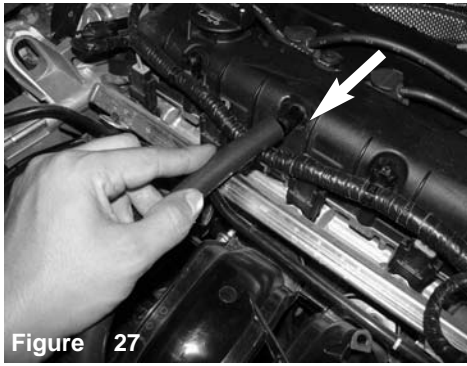


Figure 27
Install provided 10mm hose to crank case on engine side.

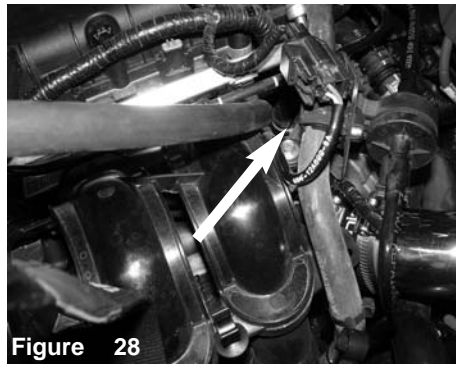


Figure 28
Route the hose through engine compartment if desired.

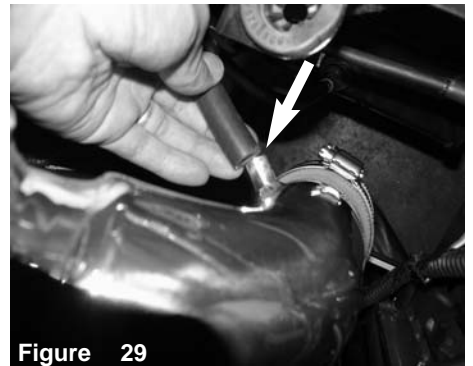


Figure 29
Connect the new hose to the fitting on the tube,



Figure 30
If vehicle was jacked up, lower vehicle. Connect battery terminals.



Figure 35
Align the entire intake for the best possible fit. Once you have rechecked and cleared the intake from all moving parts, continue to tighten all nuts, bolts and clamps.

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 (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.