



Part number SP1322
2014 Kia Forte
1.8L 4 cyl.
Not CARB legal
CAI Intake System

- 1- 2pc. CAI air intake pipe
- 1- 3.00" Injen dry filter (#1020BB)
- 1- 3.00" Straight hose (#3044)
- 1- 2.75" Straight hose (#3043)
- 2- #48 clamps (#4004)
- 2- #40clamps (#4003)
- 1- M6 Vibramount (#6020)
- 1- M6 nut (#6002)
- 1- Fender washer (#6010)
- 1- 2 Page instructions

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.

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

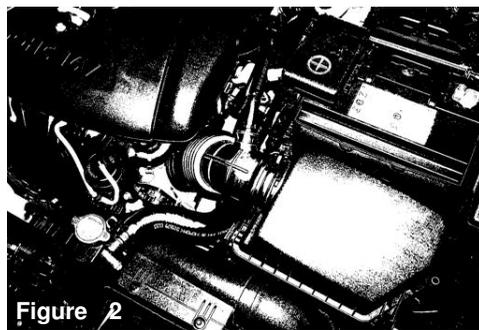


Figure 2
 Stock OEM intake system.

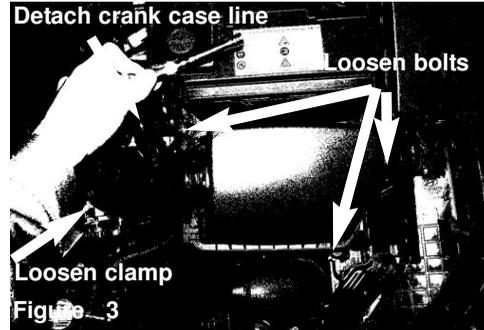


Figure 3
 First detach the crank case line. Next loosen the clamp on the throttle body and then loosen three bolts attached to the stock air box assembly.

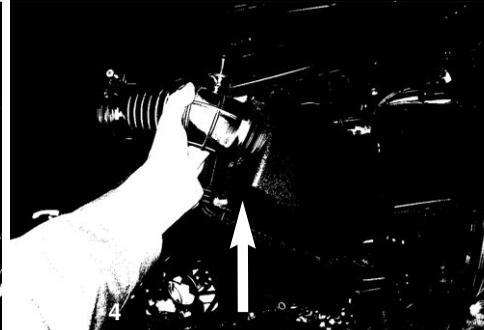


Figure 4
 Now lift up and remove the stock intake assembly from the vehicle.



Figure 5
 Remove the 2 push clips from the front of the radiator support holding in the ram scoop and then remove the air scoop.

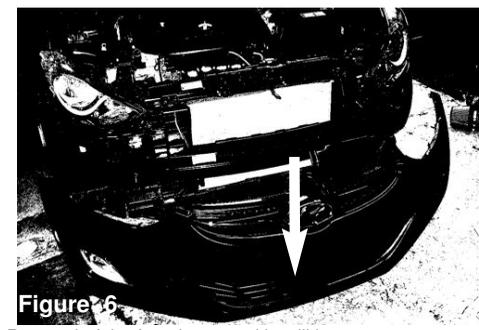


Figure 6
 Removal of the front bumper skin will be necessary to install this intake system. There will be a few clips and screws that needs to be removed. If you dont feel comfortable with this procedure, please have your intake installed by a professional.



Figure 7
 Locate the air box resonator located in the drivers side bumper cavity. Remove the two 10mm bolts attaching it to the chassis. One bolt is located in the engine bay



Figure 8
 Now you may remove the entire air box resonator from the drivers side bumper cavity.



Figure 9
 Install the vibra mount to threaded insert on the chassis in the engine bay behind the drivers side headlight. Secure the vibra mount and tighten.

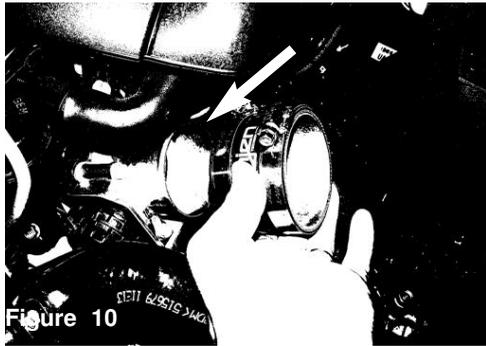


Figure 10
Install the 2-3/4" straight hose to the throttle body and secure using clamps provided and tighten on the throttle body only.



Figure 11
Install the upper intake tube assembly onto the Throttle body. The pipe will require adjustment so do not tighten the clamps yet.

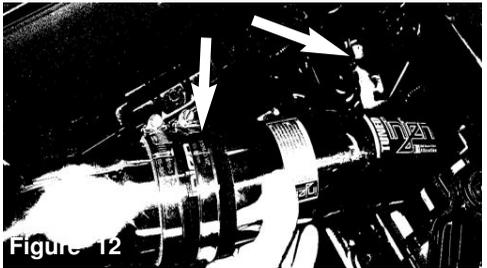


Figure 12
Place the 3.00" straight hose and two clamps onto the end of the upper tube from figure 11. Then position the lower intake tube and align the bracket to the vibra mount and to the straight hose. Place a M6 nut and washer onto the bracket and secure the bracket to the vibra mount. Do not tighten clamps yet.



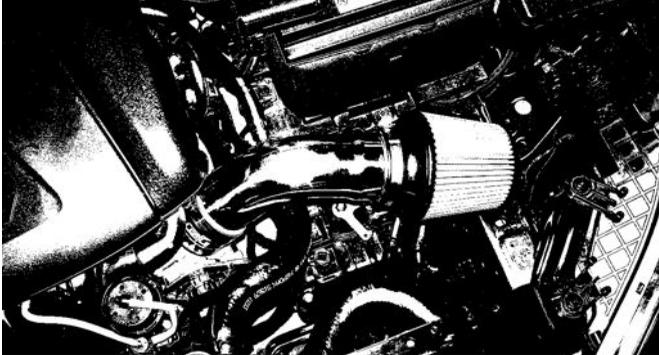
Figure 13
Install the filter to the lower intake tube and then secure the clamp on the filter.



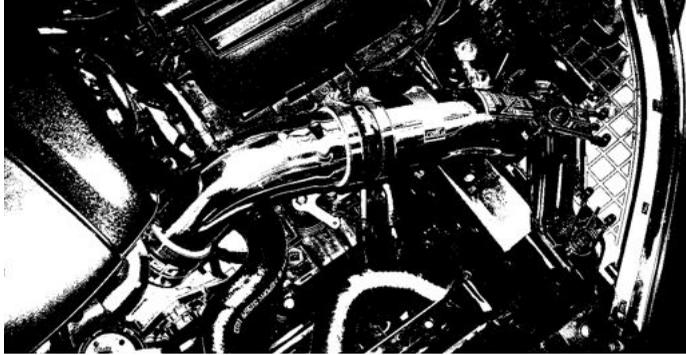
Figure 14
Position for best fit and tighten the remaining clamp using 8mm nut driver.



Figure 15
Now secure the crank case line to the fitting on the intake tube.



This intake system can be converted short ram for emergency situations.



Congratulations! You have just completed the installation of the World's first tuned intake system, the Power-Flow intake, featuring MR Technology. Periodically, check the system for fitment, this will enhance the life of your cold air intake system, failure to do so will void the warranty.

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.