



Part number SP1342

2019-2023 KIA Forte GT
2019-2021 Hyundai Veloster
2017-2020 Hyundai Elantra
2018-2020 Hyundai Elantra GT
1.6L 4cyl. Turbo GDI

- 1- 2 piece Cold air intake pipe
- 1- 3.00" Nano Fiber dry filter (#1014BB)
- 1- 2.75"X3.00" Step hose (#3120)
- 1- 3.0" Straight hose (#3044)
- 1- #40 Clamp (#4003)
- 3- #48 Clamps (#4004)
- 2- M6 flange nut (#6002)
- 2- Fender washer (#6010)
- 2- M6 Vibra mount (#6020)
- 5"- Vinyl Trim (#6101)
- 1- 4- page instruction

Note: All parts and accessories are sold on-line at **"injenonline.com"**

Congratulations! You have just purchased the best engineered, dyno-proven 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 244 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.

Parts and accessories are available on line at **"Injenonline.com"**

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.** It is recommended that this system be installed by a professional mechanic. Be sure to disconnect the negative terminal before proceeding.

Congratulations! You have just purchased the worlds first tuned intake system.

MR Technology, Leading the way!

"The Worlds First Tuned Air Intake System"™



This cold air intake system converts to a short ram intake system. We will first go through the installation of the short ram configuration.



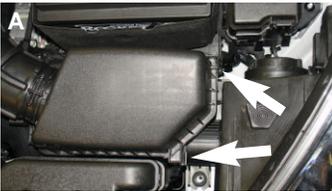
1. OEM intake system.



2. Firmly lift up on the engine cover and remove the engine cover from the engine bay.



3. **Figure A:** Disconnect the recirculating diverter valve hose from the intake tube. **Figure B:** Disconnect the crank case breather line from the intake tube.



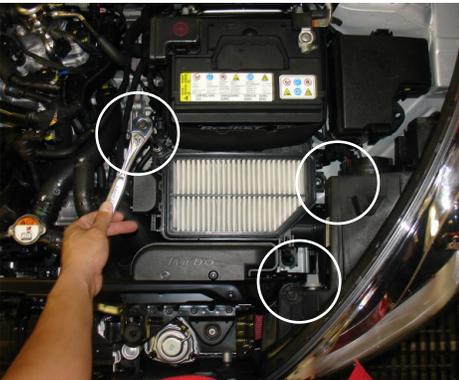
4. **Figure A:** Unclip the two tabs from the lower air box assembly to the upper air box assembly. **Figure B:** Detach the upper air box assembly from the lower assembly.



5. Loosen the clamp on the that is securing the intake tube to the turbo inlet. Detach the intake tube from the turbo inlet.



6. Remove the entire upper air box assembly from the engine bay.



7. Remove the three 10mm bolts on the lower air box assembly indicated by the three circles.



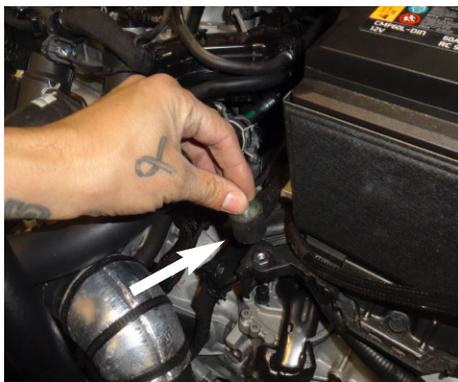
8. **Figure A:** Remove the two plastic clips from the front air intake duct. **Figure B:** Lift up and remove the front air intake duct.



9. Remove the lower air box assembly from the engine bay.



10. Place the 2.75"-3.00" step hose onto the turbo inlet. Only secure the clamp on turbo inlet for now.



11. Screw the vibra mount onto the threaded hole next to the battery



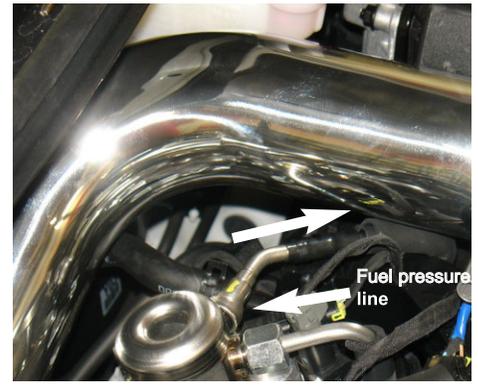
12. Install the intake tube. Insert the tube into the step hose then line up the bracket to the vibra mount.



13. Secure the intake bracket to the vibra mount using the provide M6 nut and washer.



14. **Figure A:** Connect the crank case breather line to the 0.5" nipple on the intake pipe. **Figure B:** Connect the recirculating diverter valve hose onto the 1.0" nipple onto the intake pipe



15. **CAUTION:** Make sure the bottom of the intake pipe does NOT rub on the high pressure fuel line. This line is connected to the fuel pressure regulator indicated in the photo.



16. **CAUTION:** Make sure the intake pipe has adequate clearance from the brake fluid reservoir. Adjust the intake pipe for best possible fitment and then secure the all the clamps.



17. If installing the cold air intake, proceed to step 19. Place the filter onto the end of the intake pipe and then secure the clamp on the filter.



18. Reinstall the engine cover. Ensure all nuts and bolts are secured. Congratulations, your short ram intake system installation is now complete.

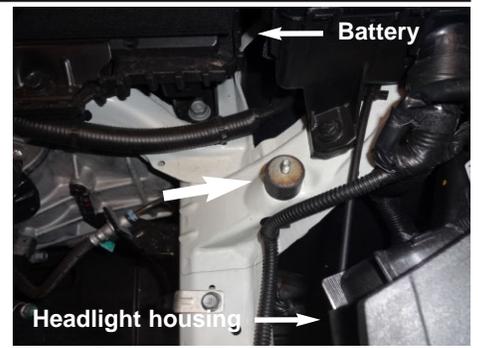
Cold air intake installation



19. To continue with the installation of the cold air intake system, you will have to remove the front bumper cover by removing all the plastic retaining clips and screws indicated by the arrows in the photo.



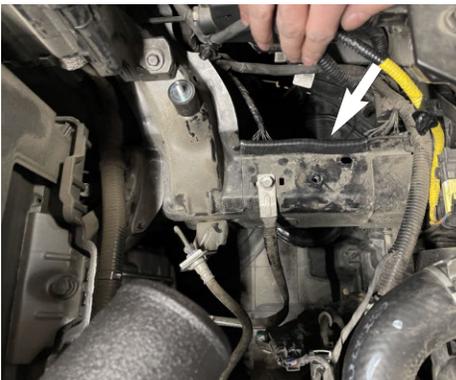
20. Place the 3.0" straight hose and two clamps onto the intake tube. Only secure the clamp on the intake side for now.



21. Screw the provided vibra mount into the threaded hole located on the chassis in front of the battery and fuse box.



22. Detach both headlight harness to allow clearance for the intake tube.



23. Attach the provided vinyl trim to the chassis.



24. For easier installation, detach the upper intake from the vibra mount and turbo inlet hose. Next, route the Injen secondary intake pipe through the bumper cavity into the engine bay.



25. Insert the secondary tube into the 3.0" straight hose, then line up the bracket to the vibra mount.



26. Reattach the primary intake tube to the turbo inlet hose, then ensure both brackets line up to their respective vibra mount. Once both tubes are lined up properly, secure both clamps on the 3.0" hose



27. Secure both brackets with the provided M6 nut and washer.



28. Place the filter onto the end of the intake pipe, then secure the clamp on the filter.



29. Ensure all clamps and nuts are properly secured. Once complete reinstall the front bumper.

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.