



**Part number SP1343**

**2019-2020 Hyundai Veloster N  
2.0L 4 cyl. Turbo GDI**

- 1- 1 piece Short Ram intake pipe (#11161)
- 1- Heatshield (#1021)
- 1- 3.5" SuperNano-Web Air Filter (#3116)
- 1- 2.5"X2.75" Step hose (#4003)
- 1- #40 Clamp (#4004)
- 1- #48 Clamp (#6002)
- 1- M6 flange nut (#6010)
- 1- Fender washer (#6020)
- 1- M6 Vibra-mount (#6058)
- 1- Rubber bulb trim @14"L (#6023)
- 1- Rubber trim @ 13.5"L
- 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"™**



Figure 2

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



Figure 3  
Stock OEM intake system.



Figure 4  
Firmly lift up on the engine cover and remove the engine cover from the engine bay.

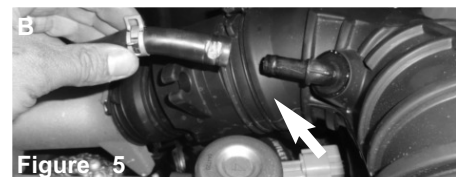


Figure 5  
**Figure A:** Disconnect the recirculating diverter valve hose from the intake duct. **Figure B:** Disconnect the crank case and vacuum line.



Figure 6  
**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



Figure 7  
Use a 10mm socket and ratchet and loosen the 10mm clamp bolt on the air duct located on the Turbo charger compressure outlet. Pull the air duct from the outlet.

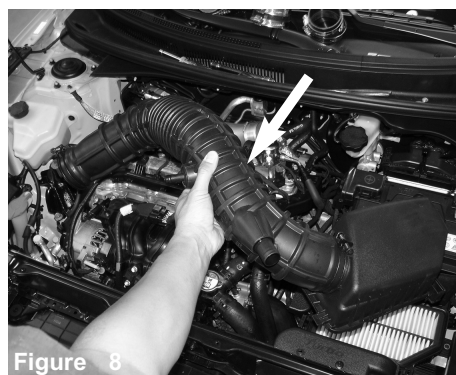


Figure 8  
Remove the entire upper air box assembly and air duct from the engine bay

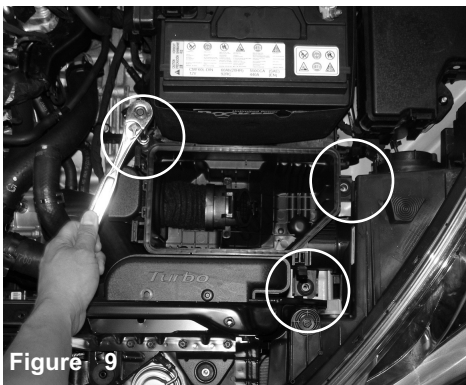


Figure 9  
Use a 10mm socket, ratchet and extension to remove the three 10mm bolts on the lower air box assembly indicated by the arrow. Save 1 bolt for later install.

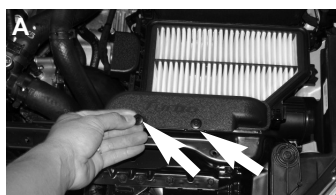


Figure 10  
**Figure A:** Use a phillips screw driver and remove the two plastic screw clips from the front air intake duct **Figure B:** Lift up and remove the front air intake duct

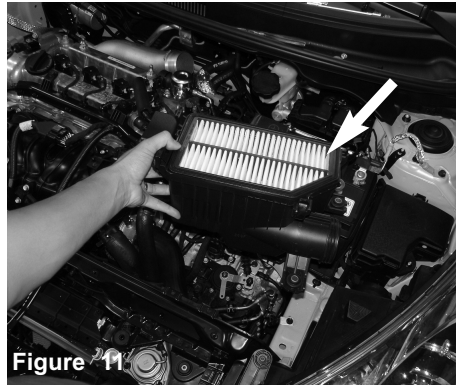


Figure 11  
Now the lower air box assembly can be removed from the engine bay.

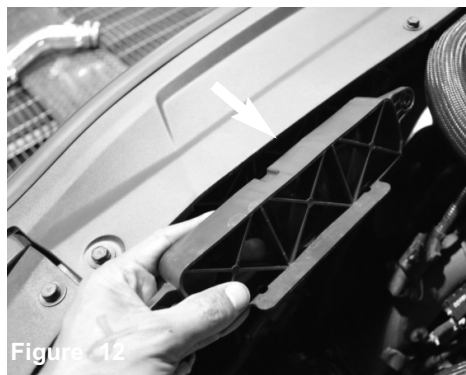


Figure 12  
Loosen the 2 bolts holding in the front scoop vent and remove. Save 1 screw for later install.

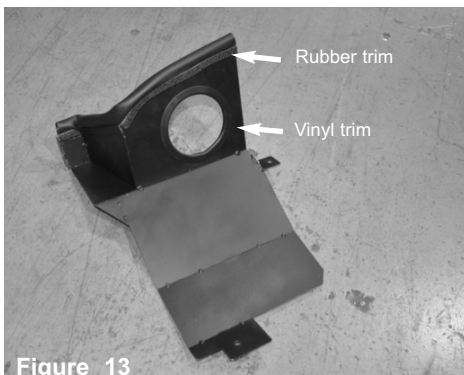


Figure 13  
Install the provided rubber trim seal to the top of the heatshield and the vinyl trim to the hole on heatshield

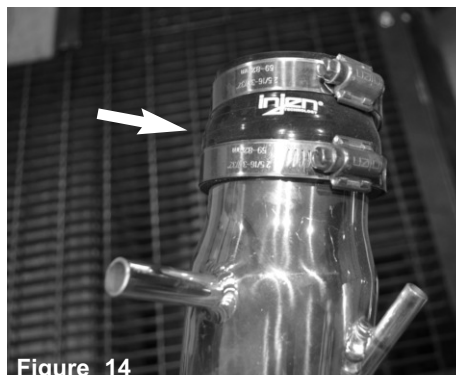
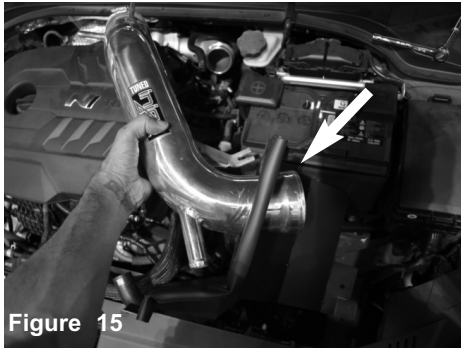
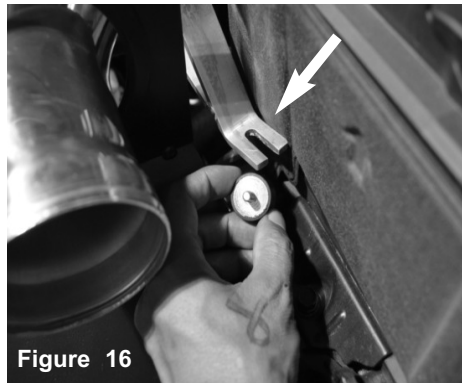


Figure 14  
Install the step hose with clamps to the intake tube.



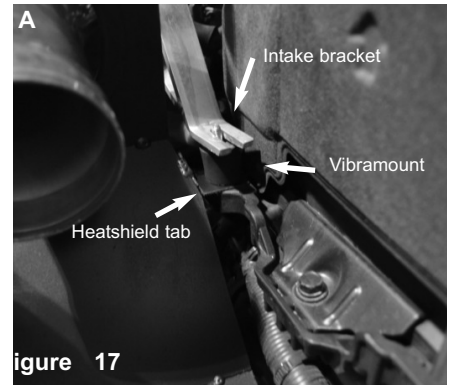
**Figure 15**

Install the intake tube through the heatshield and install the assembly into the vehicle.



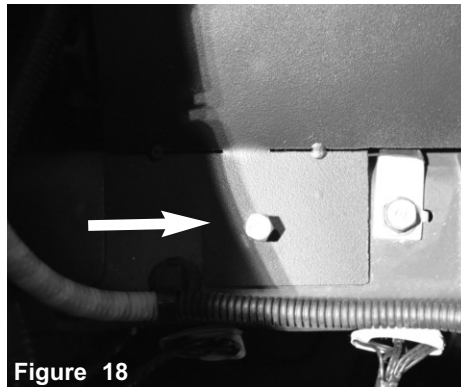
**Figure 16**

Secure the tab on heatshield using the M6 vibramount.



**Figure 17**

Make sure the vibramount secures the heatshield and is also used for the bracket on the intake tube. Position for best fit.



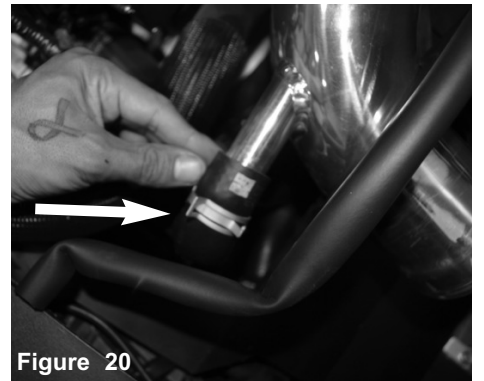
**Figure 18**

from step 9, use one of the OEM screws to secure the bottom of the heatshield.



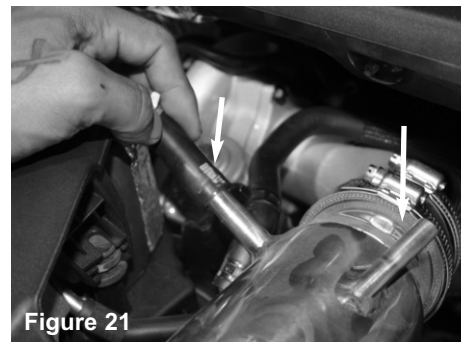
**Figure 19**

Secure the front of the heatshield to the OEM location from step 12. Secure using original screw.



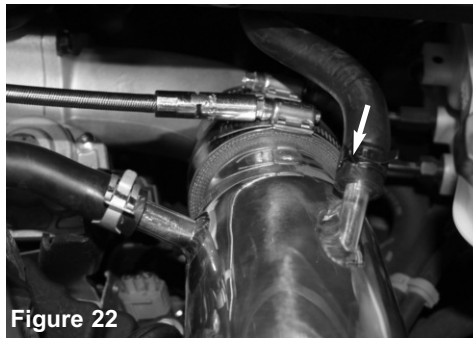
**Figure 20**

Install and secure the diverter valve to the fitting on the intake tube..



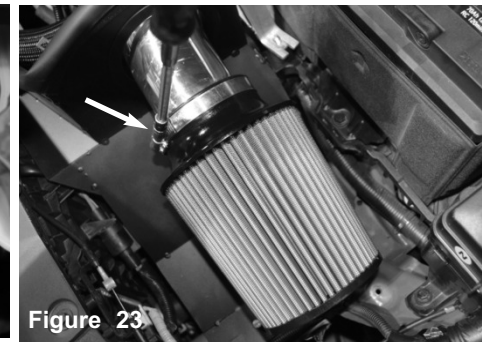
**Figure 21**

Secure the crank case line to the 1/2" fitting and the vacuum line to the 3/8" fitting.



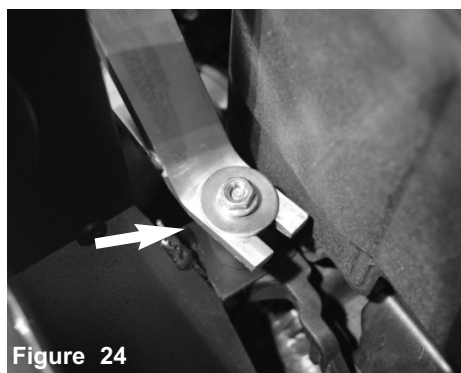
**Figure 22**

Position the intake and tighten the clamp on the turbo side.



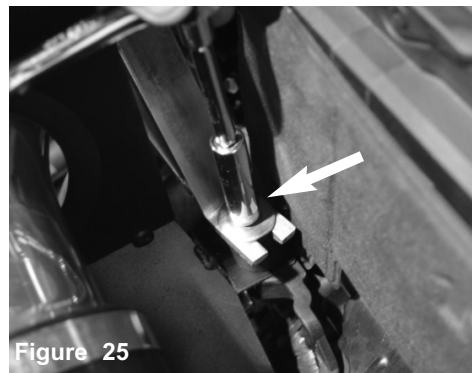
**Figure 23**

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



**Figure 24**

With provided M6 nut and fender washer, secure the bracket.



**Figure 25**

Tighten the bracket using 10mm socket or wrench



**Figure 26**

Reinstall the engine cover. Your intake installation is now complete. Go over all your clamps and fittings to make sure they are snug. Check the clearance on the pipe and make sure it does not make contact with any components in the engine bay.



Figure 27  
Congratulations! You have just completed the installation of the World's first tuned intake system. Periodically, check the system for fitment, this will enhance the life of your Injen SP 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.