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

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 244Pioneer 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: Injen strongly recommends that this system be installed by a professional mechanic.

MR 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!”

Part number SP1330
2011-12 Hyundai Sonata 2.0L Turbo
2011-12 Kia Optima 2.0L Turbo

1- intake pipe equipped with M.R. Tech (#1021)
1- 3.50” Filter (#1010)
1- 2.50”-3.00” step hose (#3110)
1- #48 clamp (#4004)
1- #40 clamp (#4003)
1- air diverter bracket (#11078)
1- fender washer (#6010)
1-M6x16 bolt (#6005)
1-M8x40 bolt (#6068)
1-7 1/2” long vinyl trim (#6023)
1- 4 page instruction

Note: All parts and accessories now sold on-line at :
www.injenonline.com

Figure 1

Figure 2
Behind the battery, align the hole on the Injen air diverter with the pre-threaded hole where the left bolt that once attached the factory air box assembly too.

Use a plier and loosen and pull back on the three pressure clamps. The crank case breather line, blow off valve return line and brake booster line will be detached from the intake air duct.

Detach the intake air duct from the turbocharger and you may now remove the intake air duct from the engine bay.

Use a 10mm socket/rachet and remove the two M6 bolt in front of the air box assembly

Loosen the clamp on the intake air duct connected to the air box assembly. Detach the intake air duct from the air box assembly

You may now pull the entire air box assembly out of the engine bay by lifting up and out.

From the bottom side of the intake air duct, loosen the clamp with a 10mm socket/rachet attached to the turbo inlet.

Place a M6x16 bolt and a fender washer onto the air diverter and attach it to the threaded hole.

Place the supplied vinyl trim onto the top of the Injen Air Diverter

Stock box shown in this picture

Use a 10mm socket/rachet and remove the two M6 bolts attached to the factory air box inlet duct.

Remove the air box inlet duct from the engine bay. This air duct will be re-used in this installation to draw in cool air to the Injen intake system.
Lift the factory upper intercooler pipe up and slide the Injen intake pipe bracket underneath the upper intercooler pipe bracket.

Loosen the M8 bolt with a 12mm socket/ratchet on the upper intercooler piping next to the factory blow off valve.

Install the 2.50”-3.00” step hose with 1-#48 and 1-#40 clamp onto the inlet of the turbocharger compressor inlet. The 2.50” end goes onto the turbocharger inlet.

Use a 10mm socket/ratchet and tighten the bolt.

Use a 8mm nut driver and only tighten the #40 clamp on the 2.50” side of the step hose attaching the step hose to the turbo inlet.

Remove the factory M8 bolt. This bolt will not be re-used in this intake installation. A longer supplied M8x40 bolt will be used.

Position the Injen intake pipe into the engine bay. Push the 3.00” end of the pipe into the 3.00” end of the step hose already on the turbocharger inlet from figure 20.

Lift the factory upper intercooler pipe up and slide the Injen intake pipe bracket underneath the upper intercooler pipe bracket.

Remove the engine cover.

Top view of the inlet duct placed into the slot of the air diverter. Make sure you line up the first groove with the slot on the air diverter.

Re-install the inlet duct and make sure the slot of inlet duct lines up with the slot on the air divert. Arrow indicates air diverter and slot indicated in figure 16.
Place the supplied longer M8x40 bolt into the hole of the factory upper intercooler pipe bracket.

Use a 12mm socket/ratchet to secure the Injen intake bracket to the factory upper intercooler pipe bracket.

Once you have positioned the Injen intake pipe for best fitment, continue to tighten the #48 clamp on the 3.00" side of the step hose on the turbocharger securing the pipe to the step hose.

Figure 27

Figure 28

Figure 29

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. Failure to check the alignment and adjust the intake can cause damage that 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 mainenance 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.