



**Part number SP2110
05-06 Scion tC 4 Cyl.**

2.4

- 1- two piece cold air intake
- 1- 3" injen filter (#1014)
- 1- 2.50" straight hose (#3048)
- 1- 3.00" straight hose (#3044)
- 1- 14" vinyl trim (#6023)
- 2- 6mm vibra-mounts (#6020)
- 2- Power-band (.312).040 (#4003)
- 2- Power-band (.362).048 (#4004)
- 2- 6mm flange nuts (#6002)
- 2- fender washers (#6010)
- 1-License plate frame (#9010)
- 1- instruction

Note: All parts and accessories are available on-line. Try our new re-oiling Pro-Tech charger kit sold on-line at:

"injenonline.com"

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.

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. In addition to removing the bumper, you will also have to remove the driver side wheel, mud guard flap, battery and tray when beginning this installation. **Injen strongly recommends that this system be installed by a professional mechanic.**

Note: This intake system is for off road use only, this system does not satisfy or meet California air resource board test procedures.



**Now Available, Hydro Shield by Injen
Part Number X-1033**



Hydro Shield Sold Separately



Remove the battery and battery tray from the engine compartment prior to starting this installation.



Remove the MAFS from the stock air intake box and set it aside for further instructions.



Loosen the clamp at the throttle body and disconnect the air intake box from the resonator duct leading into the fender well. pull the entire stock air intake box and duct from the engine compartment.



Remove the entire front bumper by removing all bolts and plastic clips holding the bumper in place.



Once the stock air intake box, air duct, battery and bumper has been removed from the engine compartment, proceed to remove the driver side wheel.



Locate the grounding wire on the bracket connected to the frame. This ground will be relocated in order to place the second vibra-mount in place.



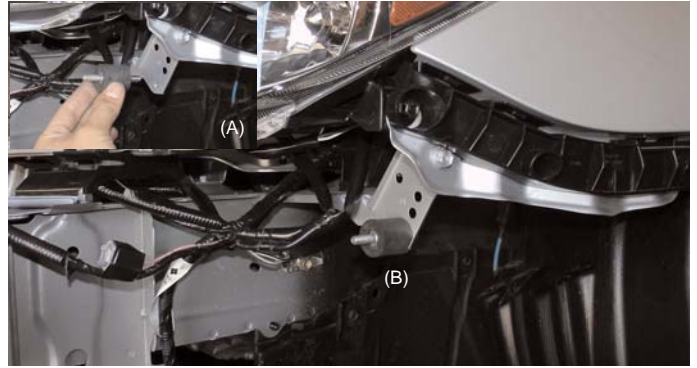
The grounding wire is now being relocated to the frame of the TC(A). The ground wire is now firmly secured in place(B).



Place the 2 1/2" straight hose over the throttle body, use two clamps but only tighten the clamp on the throttle body.



Take one of the vibra-mounts in this kit and screw it into the existing bracket used for the stock air intake box.



Take the remaining vibra-mount and screw it into the bracket where the grounding wire was once located(A). Screw the vibra-mount into the bracket until it bottoms out(B).



Position the primary intake over the hose on the throttle body and carefully press it into the hose.



Once the intake side of the primary intake has been pressed into the throttle body hose continue to align the intake bracket to the primary vibra-mount. When the bracket has been aligned, use the fender washer and flange nut to secure the intake in place.



After the intake has been positioned for best possible fit take the stock breather hose and connect it to the 1/2" port on the intake.



Injen has design a holding bracket for the vacuum switching valve(VSV). Simply take the VSV and press the stud into the pre-drilled hole on the bracket(A). Once the VSV has been aligned it will sit flush in the bracket(B).



Take the stock mass air flow sensor and press it into the dyno-tuned adapter made specifically for the tC. Use the stock screws to fasten the MAF sensor into the machined adapter. We recommend that you moisten the O-ring with a light oil or water in order to prevent damage to the O-ring prior to installing the sensor.

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The MAF sensor is pressed into the adapter and sitting flush(A). Make sure that there are no air leaks in the sensor. The Cold air intake can also be converted into a short ram as seen in this picture. Simply, press the air filter over the end of the primary intake(B).



Injen has supplied a 12" vinyl trim to be placed around the resonator opening. This will prevent any damage to the secondary cold air intake system.



The secondary intake system is inserted through the bumper area. close attention is placed on the resonator opening when going up and into the engine compartment(A). Once the intake has been fitted, the top end is butted up against the primary intake. Now, align the bracket to the vibra-mount stud and use the fender washer and flange nut to secure them(B).



The primary and secondary intakes are joined together, using the 3" straight hose and fastened with the clamps once they have been aligned.



The filter is placed on the end of the secondary intake and fastened to secure the filter in place. Align the entire intake for proper fitting. Once proper clearance has been made through out the length of the intake, continue to tighten all nuts, bolts and clamps.



In addition, to the best built intake system for the Scion tC. Injen Technology builds a dyno-proven, quality built full stainless steel cat-back exhaust system.

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.