



## PRODUCT DISCLAIMER AND LIABILITY WAIVER:

**THIS PRODUCT IS DESIGNED FOR OFF-ROAD or COMPETITION USE ONLY.**

Due to the removal of the factory air box assembly, which contains a Non-removable Hydro-Carbon Element. Any aftermarket intake system that removes the factory air box assembly are to be used for off-road use only. Please keep all OEM intake system components for future use.

**Part number IS2100**

**2004-06 Scion XB 4 Cyl. 1.5L**

**5 speed**

**2005- 06 models not CARB approved**

1- Injen intake system	
1- <b>2.75"</b> filter	<b>(#1013)</b>
1- VSV mounting bracket	(#20033)
1- 2 .25 straight hose	(#3035)
1- 18 -17mm vacuum hose	(#3080)
2- Power-Bands #36	(#4008)
2- Mini Clamps .10	(#4007)
1- M6 flange nuts	(#6002)
1- m6 x m16 bolt	(#6005)
2- fender washers	(#6010)
1- M6 Vibra mounts	(#6020)
1- 4 page instruction	

**Note:** Use only original Injen parts when making changes. Buy on-line at:

**"injenonline.com"**

Only year 2004 can be CARB, 2005-06 are for of road use only and can not be CARB legal

**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"





Figure 2

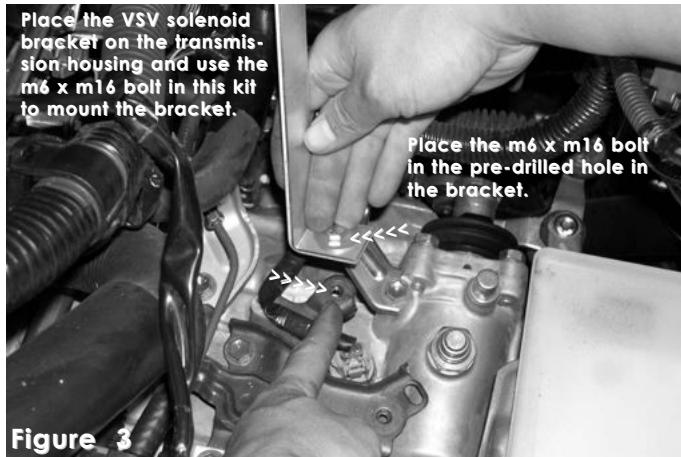


Figure 3

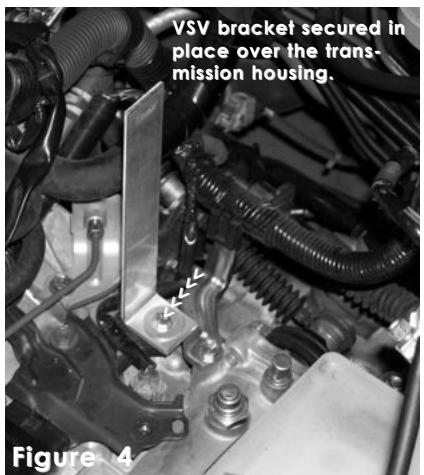


Figure 4

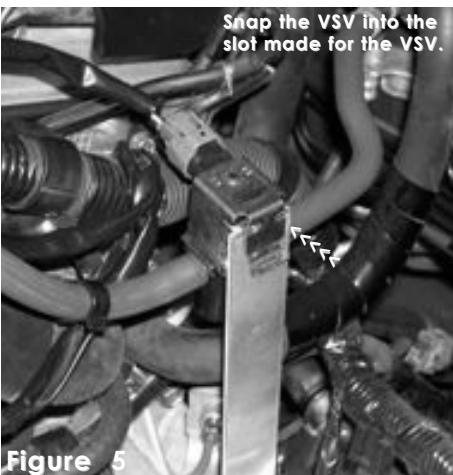


Figure 5

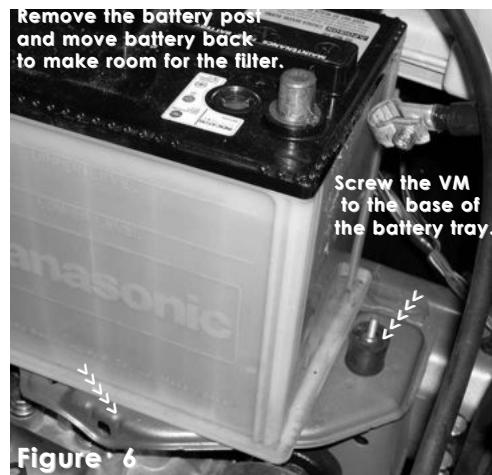


Figure 6

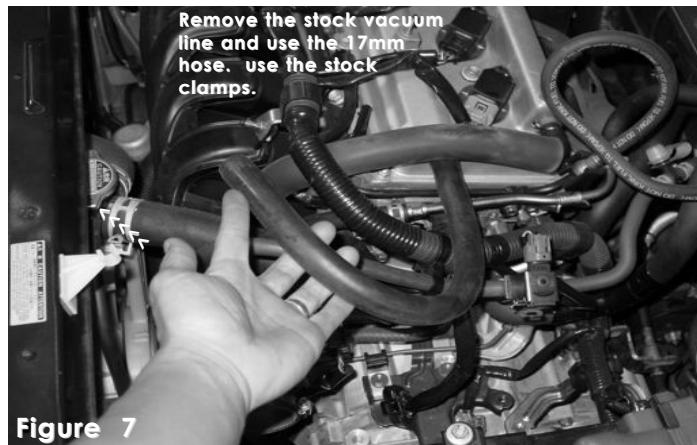


Figure 7

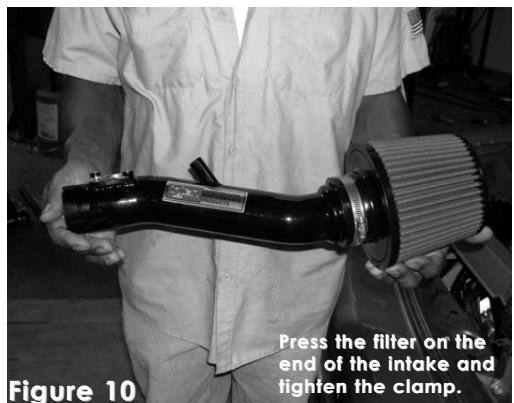


Figure 10

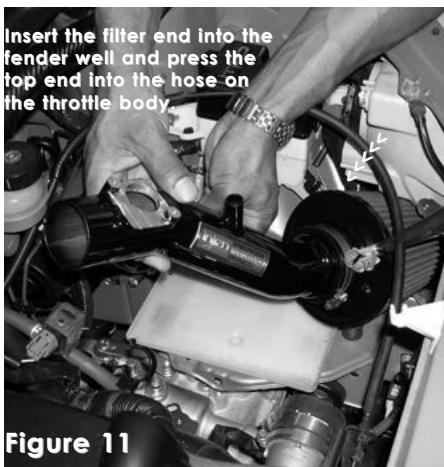


Figure 11

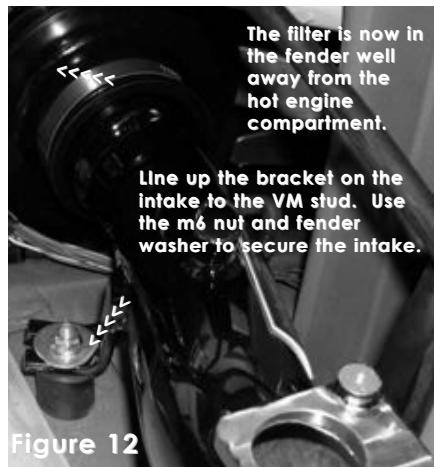


Figure 12

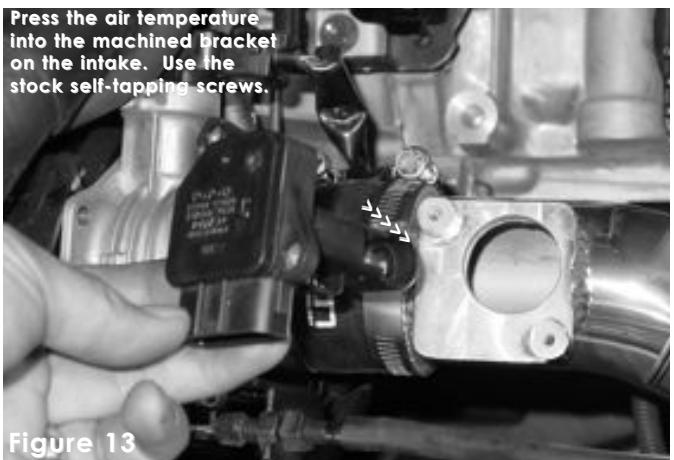


Figure 13



Figure 14



Figure 15

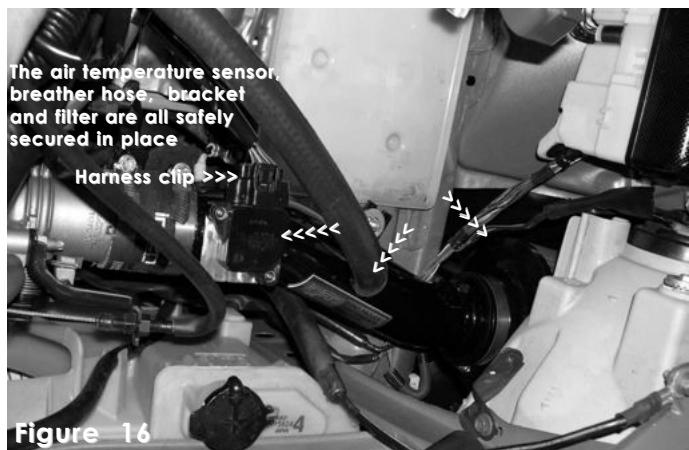


Figure 16

**Note: Disconnect the negative battery terminal before starting this installation.**

1. Remove the stock air intake box and air intake duct leading to the throttle body. You will also remove the stock vacuum lines and air temperature sensor connected to the air box.  
**Note:** Do not disconnect any of the lines connected to the vacuum switching valve(VSV).
2. Press the 2 .25 straight hose over the throttle. Use two clamps on the hose but only tighten the clamp on the throttle body end. (See fig. 2)
3. Take the VSV bracket and m6 x m16 bolt in this kit and set the VSV bracket over the transmission housing brace. Tighten the bolt until the bracket is secured . (See figs. 3 and 4)
4. Press the vacuum switching valve into the slot located on top of the bracket. Position it and press-in until it snaps in place. (See fig. 5)
5. Remove the battery post and slide the battery back about an inch in order to make room for the filter when it is time to install. (See fig. 6)
6. Screw the last vibra-mount into the pre-tapped hole located on the base of the battery tray. (See fig. 6)
7. Take the 17 - 15mm heater hose and cut it in half. Take one end and press it over the port the port located on top of the crankcase. (See fig. 7) Take the inline oil defuser and press it into the hose on the crankcase port, use one of the mini-clamps. (See fig. 8) Take the remaining hose press it over the end on the inline oil defuser and use the mini clamp in this kit. (See fig. 9)
8. Take the filter and intake and firmly press the filter over the end of the intake. Tighten the clamp on the filter neck. (See fig. 10 )
9. Insert the filter end into the resonator opening on the fender well then carefully press the top end of the intake into the 2.25 hose on the throttle body. Line up the bracket on the intake to the vibra-mount stud located on the base of the battery tray. Once the intake has been set in place semi-tighten the clamp on the 2.25 hose. (See figs. 10,11,12 and 13)
10. Use the M6 nut and fender washer to secure the bracket to the vibra-mount stud. (See fig. 12)
11. Take the stock air temperature sensor and press it into the machined bracket welded to the intake. Use the stock screws to fasten the sensor in place. (See figs. 13 and 14)  
Take the harness clip and press into the air sensor until you hear a snap. (See fig. 14)
12. Take the 15mm hose placed on the crankcase and press it over the angled nipple on the intake. (See fig.14)
13. Make sure that the air temperature sensor, vacuum hose and bracket on the intake have been properly and firmly attached. (See figs. 15 and 16)
14. Line up the entire intake for best fit. Once proper fitting has been accomplished continue to tighten all nuts, bolts and clamps. Check for any vacuum leaks or any movement on the intake. (See figs. 1 and 16)
15. Remove all tools and rags from the engine compartment and reconnect the negative battery terminal before starting the engine.
16. Congratulations! You have just completed the installation.