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**CP-567**  
**Scion XB 03-04 Cold Air Inatke / Filter**  
**Installation Guide**



## Installation Instructions

**We recommend you have a trained professional install this product. Please be sure you thoroughly understand ALL the instructions before attempting installation.**

**Note: This installation requires the removal and reinstallation of sensitive emissions related components. If you are not familiar with the installation and/or the operation of such components, please refer this installation to a qualified professional.**

### 1. Preparing the installation area

- a. Make sure the vehicle is parked on a level surface
- b. Set the parking brake
- c. If the engine has ran in the last hour – let it cool down
- d. Disconnect the negative battery terminal.
- e. Jack up the front of the vehicle and support with appropriate jack stands.  
Remove the driver side tire.
- f. Unfasten and remove the fender lining on the front driver side.

### 2. Removing the stock intake system

Make sure to label the stock parts and note their orientation prior to removing them from the vehicle. Be careful when disconnecting all sensors, wires and other sensitive electrical components, as they can easily be damaged.

Unbolt the 4 nuts on the engine cover. Remove the engine cover from the vehicle.

Unplug the MAF sensor wire plug and VSV wire plug. Detach the plastic harness

holding the MAF wire and VSV wire to the stock intake tube. Use a screw driver to

detach the VSV from the air box cover.

Disconnect the breather hose from the valve cover. Loosen the hose clamps on the stock intake tube. Unclip the 2 clips on the air box lid.



- d. Disconnect the stock intake tube air box lid, and MAF sensor and remove them from the vehicle. Disconnect the MAF sensor from the air box lid and set aside for reinstallation.
- e. Unbolt the three bolts inside the bottom of the air box. Unbolt the bolt in front of the battery that is securing the lower resonator. Disconnect and remove the air box and lower resonator from the vehicle.

### 3. Installing the Cold Air System

Do not completely tighten any hose clamps or mounting hardware until instructed to do so as minor adjustments might be needed during the installation. Make sure the pipe and filter are clean and free of debris before installation.

- a. From beneath the vehicle, look under the driver side headlight to find the resistor ballast, held in place with a bracket and two bolts. If you have trouble locating it, test fit the cold air pipe into the engine bay with the MAF adapter side towards the throttle body. The ballast will be parallel with the mounting bracket on the pipe.
- b. Disconnect the resistor bracket, and reinstall it with the included triangular bracket beneath it. The third hole should be pointing away from the headlight. Install the included rubber mount to the third hole.
- c. Install rubber boot to the throttle body, and secure with hose clamps on both sides. Install the vacuum nipple into the opening hole on the rubber boot and secure with a small hose clamp.
- d. Carefully install the MAF sensor to the MAF adapter on the cold air pipe.
- e. Install the MAF side of the cold air pipe to the throttle body and the bracket to the rubber mount installed earlier.
- f. Install the hollow wedge bracket to the appropriate bolt hole where the lower air box was held in. Install the VSV bracket freed in step 2b to the top of the wedge bracket.
- g. Connect the included filter to the end of the intake pipe. Adjust until proper orientation is achieved.

- h. Connect the included breather hose from the nipple on the cold air boot to the valve cover. Connect the VSV wire plug to the VSV. Connect the MAF wire plug to the MAF sensor. If the wires do not reach, run down the length of the wires to find the plastic clips, and detach as many as necessary to gain enough slack.
- i. Adjust the pipe and filter until the intake system is not interfering with any other devices and adequate hood clearance is achieved.
- j. Tighten all clamps and connections.

#### 4. Re-assembling the vehicle

- a. Reinstall the fender lining.
- b. Reinstall the front driver side wheel.
- c. Lower the vehicle and retighten all connections.
- d. Reinstall the engine cover.
- e. Reconnect the negative battery terminal.
- f. Start engine and perform a final inspection.

NOTE: If at some point during the installation the car was started without the VSV or MAF connected, the check engine light will come on. To remedy this, turn off the engine, disconnect the battery and make sure the VSV and MAF are firmly plugged in. Wait one minute, reconnect the battery, and start the car again.