



## CPT COLD AIR INTAKE SYSTEM

### Installation Instructions

Part # CPT-577

2 piece 3.0"

08-15 Scion Xb 2.4L

Check Point Tuning  
Fullerton, CA 92831

**CPT-577**  
**08-15 Scion xB**

#### Installation Instructions

**We recommend you have a trained professional install this product. Please be sure to read ALL these instructions prior to installation.**

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

#### 1. Preparation

- Make sure the vehicle is parked on a level surface.
- Set the parking brake.
- Make sure the engine has cooled down for at least an hour.
- If your radio has a security code, make sure you have it recorded before you disconnect your vehicle's power.
- Disconnect the negative battery terminal.
- Jack up the front driver side of the vehicle and support with jack stands.
- Remove the driver side wheel.

#### 2. Removing the stock air intake system

Before removing any of the O.E. components label each individual part so that no components become mixed up during the installation process.

- Unbolt the nuts on the engine cover and remove the engine cover from the vehicle.
- Disconnect the MAF Sensor harness from the MAF sensor mounted on the neck of the stock airbox. Unscrew the MAF sensor and carefully set aside for reinstallation.
- Disengage the VSV bracket from the stock intake pipe. Free the vacuum line clipped to the top of the stock intake pipe. Disconnect the breather tube running into the stock intake pipe.
- Unlock the hose clamp on the stock intake pipe at the throttle body. On the stock airbox lid, unclip the 3 clips then remove the lid and the stock intake tube from the vehicle.
- Remove the stock air filter and store in a clean place. Unbolt the 3 bolts on the bottom of the stock air box. Unclip the loom holding in the hose running along the back of the stock air box.
- Unclip the air horn located to the right of the battery. Remove from the vehicle.
- Undo the clips on driver side wheel well and remove the fender liner.
- Inside the fender area, unbolt the stock intake system mounting bolt and unclip the clip holding in the bracket inside the fender well.
- Unbolt the bolt the VSV mounting bracket bulb. Remove the zip tie from the VSV bracket. Undo the tape on the MAF wire lead and free the MAF wire from the master engine harness.

#### 3. Installing the CPT Cold Air Intake

When installing the cold air intake system do not completely tighten the hose clamps or mounting tab hardware until instructed to do so later in these instructions. Be sure the CPT Piping and Filter are clean and free of debris before beginning installation.

- Carefully install the stock MAF sensor to the mounting point on the CPT elbow pipe.
- Using the 2.5" x 3" adapter and 2 hose clamps, attach the shorter end of the elbow pipe to the throttle body. Attach the remaining 3" hose to the other end of the pipe with 2 hose clamps as well.
- Connect the breather tube to the nipple on the CPT elbow pipe.
- Attach the VSV to the bracket on the CPT elbow pipe and secure with the included washer and M5 bolt.
- Test fit the longer CPT intake pipe with the long end going down into the engine bay. Locate the hole that lines up with the bracket (the hole where the bolt was removed from in step 2g) and install the enclosed rubber mount to the hole. Install the longer CPT intake pipe to the rubber mount and the hose on the end of the elbow pipe.
- Loosely install the included CPT filter to the end of the longer CPT intake pipe.
- Check that the CPT intake pipe and filter are installed properly without interfering with any other engine component. The length of the pipe (excluding mounting brackets) should not be touching any part of the vehicle, especially the battery. Adjust as necessary.
- Tighten all connections
- Plug the MAF sensor harness to the MAF sensor on the CPT intake pipe.

#### 4. Re-assemble the vehicle

- Reinstall the fender liner.
- Reinstall the driver side wheel.
- Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
- Carefully remove the jack stands and lower the jack.
- Tighten the lug nuts on the driver side wheel.
- Reinstall the negative battery terminal.
- Reinstall the engine cover.
- Start the vehicle and check for proper operation.
- Please note that your vehicles computer may act abnormally for the first few minutes of driving as it adjusts to the increased amount of airflow. Normal operation should resume after a few miles of driving.

**-END OF INSTRUCTIONS-**

#### FAQ

##### **Why does my car have a check engine light after installation?**

Disconnecting the battery during installation is an important step required to clear the ECU settings. After installation, it could take a mile or two for the vehicle to readjust to the new amount of airflow, and for the check engine light to clear.

If not, please check that the MAF sensor is facing the same direction as it was in your stock intake system, and that there are no holes or metal remnants near the MAF sensor that could be disrupting the air flow.

##### **Why is my pipe or filter off by 1-2 inches?**

Failure to install the vibramount correctly can throw off the alignment of the whole intake. The vibramount serves as a rubber spacer BETWEEN the intake bracket and your car (or heat shield) to absorb the vibrations that would otherwise damage and cause the bracket to break off.



##### **Why is this pipe bigger than my engine bay and stock intake?**

CPT intakes by design are often larger than your stock intake system. The point is to move the point where the filter is to get the coldest air possible, which usually means using a longer pipe to move the intake point towards the lower front of the vehicle.

##### **Who do I contact if I have more questions?**

For further assistance, please email us at [sales@tunersdepot.com](mailto:sales@tunersdepot.com)