



## CPT COLD AIR INTAKE SYSTEM

### Installation Instructions

Part# CPT-680

2 piece 3.0"

07-10 Scion tC

Check Point Tuning  
Fullerton, CA 92831

**CPT-680**

**2007-10 Scion tC**

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.

#### 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.

- Disconnect MAF sensor harness.
- Disconnect crank case breather hose from the factory intake tube.
- Remove 2 screws attaching the MAF sensor to the intake tube then remove the intake tube.
- Unclip VSV hose from the factory intake tube.
- Remove the screw attaching the VSV to the intake tube then remove the VSV.
- Remove the wire harness bracket using needle nose pliers to un-clip.
- Unclip the air box lid.
- Release the hose clamp holding the factory intake tube to the throttle body then remove the factory intake tube and air box lid assembly from the engine compartment.
- Remove the air filter element.
- Remove 3 bolts securing the lower air box to the chassis.
- Remove the fuse box lid.
- Unclip the electrical harness from the lower air box then remove the lower air box from the engine compartment.
- Remove the upper clip attaching the lower intake tube to the vehicle.
- Remove the second clip holding the lower air box then remove the lower intake tube.
- Raise the front of the car with a floor jack then prop up with jack stands, then remove the driver side wheel.
- Remove all clips and hardware attaching the driver side splash panel under the front fender then remove the driver side splash panel.
- Remove a screw and clips holding the front portion of the driver side fender liner.
- Pull the front of the fender liner toward the rear and set it behind the brake rotor.
- Remove the bolt securing the ground wire to the chassis.

#### 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.

- Secure the ground wire with the short vibra mount and M6 nut and washer.
- Install the long vibra mount to the hole on the top of the wheel well sheet metal closest to the driver side fender in the engine bay.
- Install the lower CPT Intake pipe from the wheel well toward the engine bay while aligning the brackets on the piping to the vibra mounts install earlier.
- Loosely secure the lower CPT Intake pipe to the vibra mounts with M6 nuts and washers.
- Attach the CPT Air Filter to the lower intake tube with a hose clamp.
- Install the MAF sensor to the upper CPT Intake pipe with 2 bolts.
- Install the 2.5" to 3" adaptor onto the throttle body using hose clamps.
- Attach the 3" straight hose to the lower CPT Intake pipe with 2 hose clamps.
- Install the upper CPT Intake pipe to the throttle body and connect to the lower CPT Intake pipe.
- Loosely tighten the hose clamps attaching the upper and lower CPT Intake pipes together and to the throttle body.
- Remove the short vacuum hose from the VSV and route the long vacuum hose around the outside of the short vacuum hose.
- Secure the VSV and harness bracket to the welded bracket on the CPT Intake pipe with a screw then reconnect the short vacuum hose to the VSV.
- Reconnect the MAF sensor harness to the MAF sensor.
- Attach the crank case breather hose to the nipple located on the upper intake pipe.
- Secure the harness with the zip tie tree.
- Position and adjust the cold air intake assembly for the best possible fit then tighten all the cold air intake assembly hardware as needed.

#### 4. Re-assemble the vehicle

- Reinstall the splash guard and fender liner.
- Replace the fuse box cover.
- Mount the driver side wheel then tighten to factory torque specs.
- 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.
- Reinstall the negative battery terminal.
- Start the vehicle and check for proper operation.
- Please note that your vehicle's 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

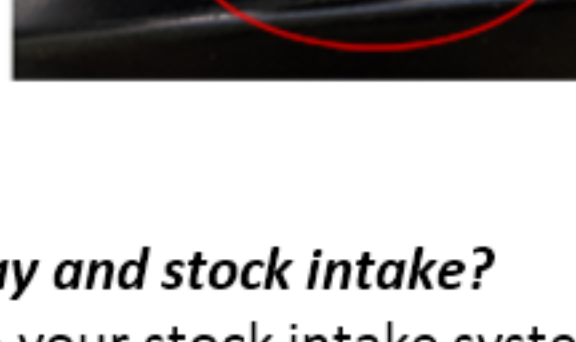
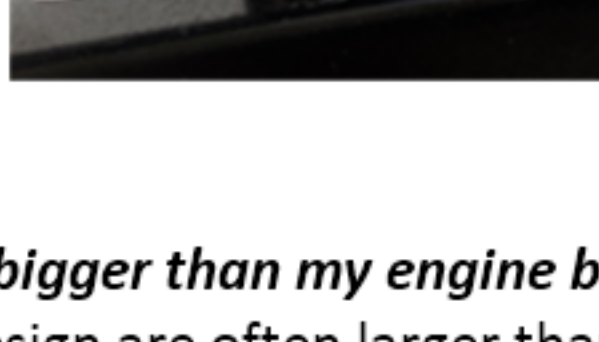
##### **Why does my car have a check engine light after installation?**

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)