



CPT COLD AIR INTAKE SYSTEM

Installation Instructions

Part # CPT-568
2 piece 2.75"

05-06 Scion tC

Check Point Tuning
Fullerton, CA 92831

CPT-568
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Installation Instructions

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

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
 - 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 2 hours, let it cool down.
 - d. If your radio has a security code, make sure you have it before you disconnect your vehicle's power.
 - e. Disconnect the negative battery terminal.
 - f. Jack up the vehicle and 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.

- a. Unbolt the two bolts on the plastic engine cover. Remove the engine cover from the vehicle.
- b. Unplug the MAF sensor harness from the MAF sensor located just to the left of the stock airbox. Unscrew the MAF sensor and set it aside for future reinstallation
- c. On the upper portion of the stock intake pipe, by the bend that connects to the throttle body, release the hose running across the top of it. Also disconnect the breather hose from the nipple adjacent to the end of the pipe closest to the throttle body.
- d. Loosen and release the end of the stock intake pipe from the throttle body.
- e. Locate the EVAP VSV unit located to the left of where the MAF sensor was installed (it has a wire harness and 2 tubes connected to it). Lift the EVAP VSV unit out and away from the pipe. Remove the screw on the unit as it will be replaced later on in the installation.
- f. Undo the 2 clips on the stock airbox. Remove the airbox lid and the upper stock intake pipe as a whole unit. Remove the air filter.
- g. Free the wire harness clipped to the rear of the air box. Unbolt the 3 bolts inside of the lower airbox. Remove the airbox from the vehicle.
- h. Remove the fuse box lid. Undo the 2 plastic clips holding in the stock air duct. Remove the air duct from the vehicle. Replace the fuse box lid.
- i. From beneath the vehicle, unscrew the 3 screws holding in the driver side splash guard. From inside the wheel well, disconnect the remaining clips holding the splash guard. Fold the splash guard back or remove it from the vehicle.
- j. From beneath the vehicle, locate the ground strap bolt beneath the driver side headlight. It will be replaced later on in the installation.

3. Installing the new 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.

- a. Take the upper CPT pipe (the longer of the two) and test fit it into the engine bay. The side with closest to the MAF sensor hole will go into the throttle body. The other end will go down through the path that the stock air duct was located through. Determine the two bolt holes that line up with the brackets (the 2 below the MAF sensor hole) on the intake and install rubber mounts to both of the holes.
- b. Install the upper CPT pipe to the throttle body using one of the rubber hoses and 2 hose clamps. Connect the intake to the rubber mounts installed in the previous steps. Take the included wire loom wrap and wrap the EVAP line that rests over the CPT intake.
- c. Connect the hanging breather hose disconnected in step 2c to the long nipple on the CPT intake.
- d. Install the remaining rubber mount to the bolt hole that the ground strap bolt was removed from in step 2j.
- e. From beneath the engine bay, install the lower CPT pipe to the end of the upper CPT pipe using the remaining rubber hose and 2 hose clamps. Make sure the bracket lines up with the rubber mount installed in the previous step, and install the intake to the bracket.
- f. Install the CPT filter about 2 inches over the end of the CPT intake pipe.
- g. Mount the EVAP VSV unit removed in step 2e to the upper bracket on the upper CPT pipe using the included screw and washer.
- h. Carefully re-install the stock MAF sensor onto the sensor hole on top of the upper CPT pipe. Reconnect the stock MAF harness into the installed MAF sensor.
- i. Adjust the entire intake pipe so that no part of it is touching ANY surfaces of the car.
- j. Tighten all clamps and connections.

4. Re-assemble the vehicle

- a. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
- b. Re-install the stock engine cover.
- c. Re-install or bend back the stock splash guard and clips.
- d. Re-install the wheel and lower the vehicle. Tighten the wheel bolts.
- e. Re-install the negative battery terminal.
- f. Start the vehicle and check for proper operation.

-END OF INSTRUCTIONS-

FAQ

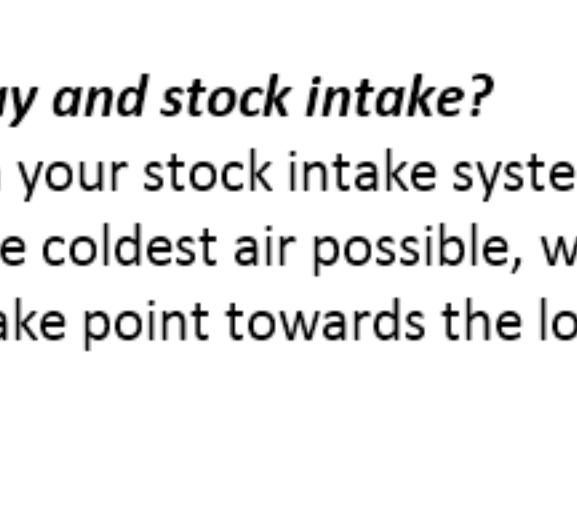
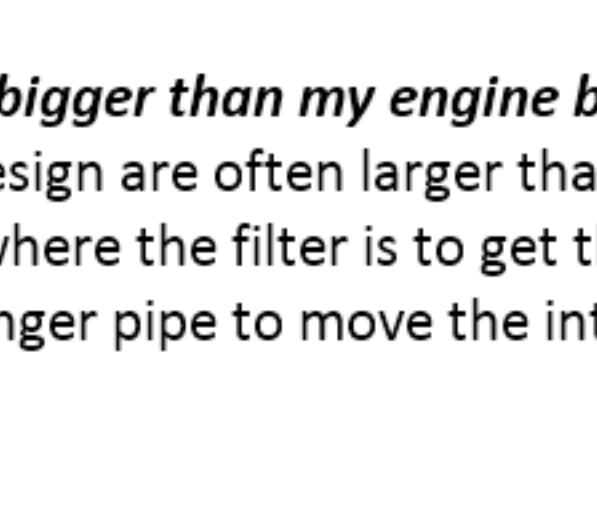
Why does my car have a check engine light after installation?

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