



CPT COLD AIR INTAKE SYSTEM

Installation Instructions Part #CPT-861 1 piece 2.75" 12-18 Chevy Sonic 1.8L 4cyl

Check Point Tuning
Fullerton, CA 92831

CPT-861

2012-18 Chevy Sonic 1.8L 4cyl

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
 - a. Make sure the vehicle is parked on a level surface.
 - b. Set the parking brake.
 - c. Make sure the engine has cooled down for at least an hour.
 - d. If your radio has a security code, make sure you have it recorded before you disconnect your vehicle's power.
 - e. 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.

- a. Disconnect MAF sensor harness.
- b. Loosen hose clamp attaching the factory intake to the throttle body.
- c. Loosen the hose clamp attaching the factory intake tube to the air box.
- d. Remove the factory air box and intake tube.
- e. Remove the MAF sensor from the air box after removing 2 torx screws.

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.

- a. Install the step hose onto the throttle body using a hose clamp.
- b. Locate the bracket to the left of the engine oil dipstick and install vibra mount to it using the supplied hardware.
- c. Position the CPT intake pipe in the engine bay and into the step hose.
- d. Line up the CPT intake pipe bracket with the vibra mount then tighten the hose clamp and secure to the vibra mount with supplied hardware. (make sure the CPT intake pipe has enough clearance to the AC line.)
- e. Install cone air filter to the CPT intake pipe and secure with hose clamp.
- f. Place MAF sensor into the CPT intake pipe and secure with 2 supplied screws.
- g. Reconnect the MAF sensor harness.

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. Reinstall the negative battery terminal.
- c. Start the vehicle and check for proper operation.
- d. 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