CPT COLD AIR INTAKE SYSTEM

Installation Instructions
Part# CPT-534

2 piece 3.0"

05-10 Chevy Cobalt 2.2L (w/o Air Pump)
05-08 Chevy Cobalt SS 2.4L (w/o Air Pump)

Check Point Tuning
Fullerton, CA 92831

CPT-534

2005-2010 Chevy Cobalt 2.2L (Without Air Pump)
2005-2008 Chevy Cobalt SS 2.4L (Without Air Pump)

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.
f. Jack up the front driver side of the vehicle and support with jack stands.

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. Remove the oil filler cap.
b. Pull engine cover upward to remove.
c. Replace oil filler cap.
d. Disconnect MAF sensor harness.
e. Remove 2 screws that are securing the MAF sensor then remove MAF sensor from factory air box.
f. Release the spring clamp holding the crank case vent tube to the valve cover then disconnect the tube from the valve cover.
g. Unclip the air box mounting clip.
h. Loosen the hose clamp attaching the factory air tube to the throttle body.
i. Unclip the air box fastening clips.
j. Lift the upper air box and intake tube assembly upwards and remove it from the engine bay.
k. Remove 2 retaining nuts from the lower air box.
l. Remove the lower half of the air box from the engine bay.
m. Remove all hardware attaching the front bumper to the car, then remove the front bumper cover.
n. Remove the hardware attaching the air intake resonator box to the frame of the car.
o. Remove the air intake resonator box
p. Remove the factory air box fitting located on the frame rail. (This will allow a vibra mount to be installed in it's place.)

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. Install a vibra mount into the threaded hole that held the factory air box fitting.
b. Install the elbow hose onto the throttle body using hose clamps.
c. Install vacuum hose to the crank case vent fitting on the valve cover.
d. Install MAF sensor into the CPT intake piping and secure with 2 screws.
e. Attach the primary CPT intake piping to the elbow hose using a hose clamp.
f. Connect the vacuum hose from the valve cover to the CPT primary intake pipe.
g. Reconnect the MAF sensor harness to the MAF sensor.
h. Attach straight hose to the primary CPT intake pipe using hose clamps.
i. Run the secondary CPT intake pipe thought the resonator opening while lining up the intake bracket to the vibra mount installed earlier.
j. Attach the upper opening of the secondary CPT intake pipe to the straight hose using a hose clamp.
k. Secure the secondary CPT intake pipe to the vibra mount using the provided nut and washer.
l. Install the CPT air filter onto the secondary CPT intake pipe with a hose clamp.
m. 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

a. Replace and reinstall front bumper to the car.
b. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
c. Carefully remove the jack stands and lower the jack.
d. Reinstall the negative battery terminal.
e. Reinstall the engine cover.
f. Start the vehicle and check for proper operation.
g. 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