



CPT COLD AIR INTAKE SYSTEM

Installation Instructions

Part # CPT-437

1 piece

06-10 Mitsubishi Eclipse GT

Manual Transmission Only

Check Point Tuning
Fullerton, CA 92831

CPT-437

06-10 Eclipse GT V6 3.0" (Manual Transmission Only)

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. Unplug the MAF sensor harness from the MAF sensor.
- b. Next to the throttle body, unplug the hose from the nipple on the intake tube. Free the vacuum line from the clip on the intake tube. Disconnect the vacuum hose from the hardline it is connected to.
- c. Loosen the hose clamps on both sides of the intake tube and remove the intake tube from the vehicle.
- d. Unclip the 2 clips on the stock air box. Remove the air box lid from the vehicle.
- e. Remove the two plastic clips on the radiator support holding in the intake scoop.
- f. Unplug the harness from the Duty Cycle Air Valve on the stock air box (beneath the intake scoop). Unbolt the 2 bolts holding the air box to the chassis. Remove the stock air box and intake scoop from the vehicle.
- g. Carefully detach the MAF sensor from the air box and set aside for future reinstallation.
- h. Remove the Duty Cycle Air Valve unit from the air box. Plug up the inner nipple with a 1/8" vacuum cap or similar device (not included). Alternately, you can also cut a small off a piece of the included 4mm hose and seal off an end to make a makeshift cap.
- i. Reinstall the Duty Cycle Air Valve to the bolt hole on the black arm that the stock air box was bolted into.
- j. Remove the factory vacuum hose (from step 2b) from the check valve. Replace the hose with the included 4mm hose and connect the other end to the outer nipple of the Duty Cycle Air Valve. Zip-tie the hose to the factory wire loom.
- k. Re-plug in the Duty Cycle Air Valve harness.
- l. In the wheel well, remove the 4 clips and 2 screws on the splash guard. Peel back the splash guard to access the factory resonator.
- m. Unbolt the 2 bolts holding in the factory resonator. Remove the resonator from the vehicle.

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 included CPT hose onto the throttle body using 2 hose clamps.
- b. Test fit the lower CPT intake pipe into the installed rubber hose (sensor side first) and determine which bolt hole lines up with the bracket. Install the included rubber mount to this bolt hole.
- c. Install the CPT intake to the hose and bracket.
- d. From beneath the vehicle, install the included CPT filter to the bent end of the lower pipe about 2 inches over the pipe.
- e. Install the crankcase vent hose (detached in step 2b) to the nipple on the CPT intake.
- f. Use the included screws to attach the MAF sensor to the MAF sensor hole on the CPT intake. Reinstall the MAF sensor harness.
- g. Adjust the entire intake pipe so that no part of it is touching ANY surfaces of the car.
- h. Tighten all clamps and connections.
- i. If included, install the C.A.R.B. E.O. Identification Sticker on to the intake pipe or on the inside of the hood near the device. This sticker **MUST** be placed somewhere on or near the device in plain view in order to pass a Smog Check inspection.

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 positive and negative battery terminals.
- c. Reinstall the passenger side wheel and lower the vehicle. Tighten the lug nuts.
- d. 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