# CPT COLD AIR INTAKE SYSTEM

## Installation Instructions
## Part #CPT-841
## 2 piece 2.75"
## 10-12 Ford Fusion 2.5L 4cyl

Check Point Tuning
Fullerton, CA 92831

**CPT-841**

**2010-12 Ford Fusion 2.5L 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.
f. Lift the front driver side onto a jack stand and remove the wheel on the same corner.

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 crank case breather hose and vacuum line from factory intake tube.
b. Disconnect MAF sensor harness.
c. Loosen the hose clamp holding the intake tube to the throttle body.
d. Remove the factory intake system.
e. Pull back the splash guard.
f. Remove the bolt holding the ground cable to the chassis.
g. Install the vibra mount in place of the ground bolt.
h. Install the straight hose to the throttle body and secure with a hose clamp.
i. Remove the crank case line from the engine bay.
j. Remove the clips from the splash guard then pull the splash guard back.
k. Remove 3 10mm nuts securing the intake resonator.
l. Remove the intake resonator.
m. Remove the 2 screws securing the MAF sensor to the air box.
n. Pull MAF sensor from the air box.

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 MAF sensor into the CPT intake pipe and secure with 2 screws.
b. Install the CPT air filter onto the lower CPT intake pipe.
c. Place the lower CPT intake pipe and air filter assembly onto the car lining up the welded bracket to the vibra mount installed earlier.
d. Secure the lower CPT intake pipe assembly to the vibra mount using supplied washer and nut.
e. Install the upper CPT intake pipe into the throttle body and secure to the lower CPT intake pipe assembly using a adaptor hose and hose clamps.
f. Connect the vacuum hose to the upper CPT intake pipe.
g. Reconnect the MAF sensor harness to the MAF sensor.
h. Install the supplied vacuum line to the engine breather and the CPT intake pipe.
i. 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. Reinstall the splash guard.
b. Reinstall wheel and lower the car from the jack stand.
c. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
d. Reinstall the negative battery terminal.
e. Start the vehicle and check for proper operation.
f. 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.

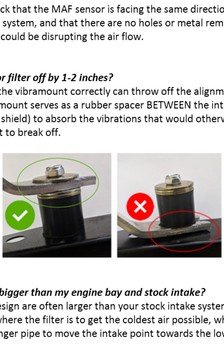
**-END OF INSTRUCTIONS-**

**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