



## CPT COLD AIR INTAKE SYSTEM

### Installation Instructions

Part #CPT-830

1 piece 3.75"

2004-08 Ford F150 5.4L V8

2005 Expedition 5.4L V8

2006-08 Lincoln Mark LT 5.4L V8

Check Point Tuning  
Fullerton, CA 92831

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### 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

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

- Disconnect breather hose from air box by pressing on the green clip.
- Disconnect breather hose from valve cover then set hose assembly aside.
- Remove 4 10mm bolt attaching the air box to the intake manifold.
- Remove 10mm bolt attaching the intake duct to the engine.
- Disconnect MAF sensor harness.
- Remove the intake duct and air box assembly from the engine bay.
- Remove 2 screws securing MAF sensor to the air box.
- Remove MAF sensor and set aside.
- Attach supplied vacuum hose to the valve cover breather hose coupling.

#### 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.

- Attach the short end of the silicon elbow to the throttle body and secure with a hose clamp.
- Install vibra mount to the air box mount bracket.
- Install MAF sensor into CPT intake pipe and secure with 2 screws.
- Install plastic adaptor to the heat shield.
- Install rubber trim to the top edge of the heat shield.
- Install 2 stand-off studs into the 2 holes on the heat shield closest to the adaptor and secure with nuts and washers.
- Install heat shield assembly into the engine bay making sure the stand-off studs are seated completely into the factory grommets.
- Install MAF sensor to the CPT intake pipe and secure with 2 screws.
- Install the straight hose to the longer end of the CPT intake pipe using hose clamps.
- Install CPT intake pipe to the throttle body and heat shield and line up the bracket with the vibra mount.
- Secure the CPT intake pipe bracket to the vibra mount with washer and nut.
- Attach the breather hose to the CPT intake pipe.
- Install the CPT air filter onto the plastic adaptor in the heat shield using a hose clamp.
- Reconnect MAF sensor harness.
- 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

- Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
- Reinstall the negative battery terminal.
- Start the vehicle and check for proper operation.
- 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](mailto:sales@tunersdepot.com)