

CPT COLD AIR INTAKE SYSTEM

Part #CPT-830 1 piece 3.75"

2004-08 Ford F150 5.4L V8

Installation Instructions

2005 Expedition 5.4L V8 2006-08 Lincoln Mark LT 5.4L V8

2006-08 Lincoln Wark LT 5.4L V

CPT-830

Check Point Tuning

Fullerton, CA 92831

2004-08 Ford F150 5.4L V8 2005 Expedition 5.4L V8

2006-08 Lincoln Mark LT 5.4L V8
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

b. Set the parking brake.c. Make sure the engine has cooled down for at least an hour.

2.

d. If your radio has a security code, make sure you have it recorded before you disconnect your vehicle's power.

a. Make sure the vehicle is parked on a level surface.

e. Disconnect the negative battery terminal.

installation process.

green clip.

coupling.

screws.

screws.

washer and nut.

shield using a hose clamp.

hardware as needed.

4.

Reconnect MAF sensor harness.

3.

- 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

b. Disconnect breather hose from valve cover then set hose assembly aside.c. Remove 4 10mm bolt attaching the air box to the intake

a. Disconnect breather hose from air box by pressing on the

- manifold.

 d. Remove 10mm bolt attaching the intake duct to the engine.

 e. Disconnect MAF sensor harness.
- Remove the intake duct and air box assembly from the engine bay.
- g. Remove 2 screws securing MAF sensor to the air box.
 h. Remove MAF sensor and set aside.

i. Attach supplied vacuum hose to the valve cover breather hose

Installing the CPT Cold Air Intake

tighten the hose clamps or mounting tab hardware until

When installing the cold air intake system do not completely

instructed to do so later in these instructions. Be sure the CPT

Piping and Filter are clean and free of debris before beginning

a. Attach the short end of the silicon elbow to the throttle body

installation.

and secure with a hose clamp.

d. Install plastic adaptor to the heat shield.
 e. Install rubber trim to the top edge of the heat shield.
 f. Install 2 stand-off studs into the 2 holes on the heat shield

c. Install MAF sensor into CPT intake pipe and secure with 2

closest to the adaptor and secure with nuts and washers.

g. Install heat shield assembly into the engine bay making sure
the stand-off studs are seated completely into the factory

b. Install vibra mount to the air box mount bracket.

- grommets.
 h. Install MAF sensor to the CPT intake pipe and secure with 2
- pipe using hose clamps.

 j. Install CPT intake pipe to the throttle body and heat shield and line up the bracket with the vibra mount.

 k. Secure the CPT intake pipe bracket to the vibra mount with

I. Attach the breather hose to the CPT intake pipe.

i. Install the straight hose to the longer end of the CPT intake

o. Position and adjust the cold air intake assembly for the best possible fit then tighten all the cold air intake assembly

m. Install the CPT air filter onto the plastic adaptor in the heat

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.

c. Start the vehicle and check for proper operation.
 d. Please note that your vehicles computer may act abnormally

cause the bracket to break off.

b. Reinstall the negative battery terminal.

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

your stock intake system, and that there are no holes or metal remnants near the MAF sensor that could be disrupting the air flow.

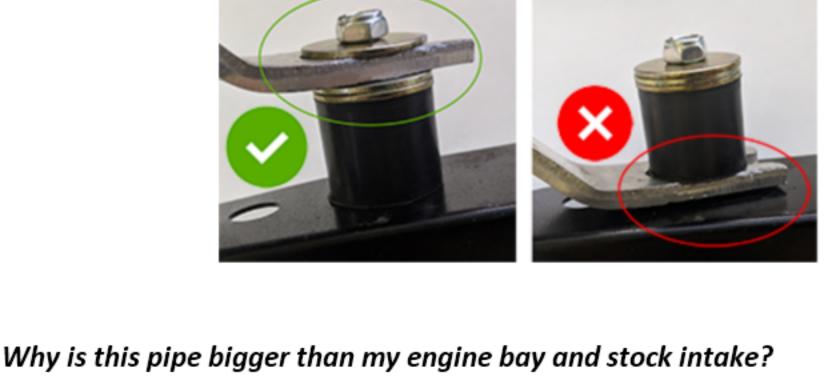
If not, please check that the MAF sensor is facing the same direction as it was in

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.

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



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

CPT intakes by design are often larger than your stock intake system. The point is to