



CPT COLD AIR INTAKE SYSTEM

Installation Instructions

Part #CPT-833

1 piece 3.5"

2009-10 Ford F150 5.4L V8

2007-11 Expedition 5.4L V8

2007-11 Lincoln Navigator 5.4L V8

Check Point Tuning

Fullerton, CA 92831

CPT-833

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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.

- Loosen the hose clamp on the resonator tube.
- Disconnect MAF sensor harness.
- Lift and remove the air box and intake tube assembly.
- Remove 4 bolts attaching the resonator tube to the engine.
- Disconnect crank case breather hose from resonator tube.
- Lift and remove the intake resonator tube assembly.
- Remove then reposition the crank case breather hose on the other side of the A/C line.
- Remove 13mm bolt attached to the side of the air box assembly in the engine bay.
- Remove 2 T20 screws securing MAF sensor to the air box.
- Remove MAF sensor and set aside.

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 velocity adaptor to the heat shield and secure with supplied hardware.
- Install vinyl trim to the edge of the heat shield.
- Install MAF sensor into CPT intake pipe and secure with 2 screws.
- Install the CPT air filter to the velocity adaptor in the heat shield and secure with a hose clamp.
- Place the heat shield and filter assembly onto the lower air box lining up the mounting tab with the 13mm bolt hole and making sure the vinyl trim sits inside of the groove of the lower air box.
- Secure the heat shield assembly with 13mm bolt removed earlier at the mounting tab.
- Secure the vinyl trim side of the heat shield with the metal clips on the lower air box.
- Install MAF sensor to the CPT intake pipe and secure with 2 screws.
- Install the short end of the elbow to the throttle body and secure with a hose clamp.
- Install hump hose to the large opening on the CPT intake pipe and secure with provided hose clamp.
- Install the CPT intake pipe with the larger end to the air filter/heat shield assembly and the smaller end to the elbow then secure with hose clamps.
- Attach the breather hose to the CPT intake pipe.
- 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