



CPT COLD AIR INTAKE SYSTEM

Installation Instructions

Part #CPT-850

1 piece 3.5"

05-10 Jeep Grand Cherokee 3.7L V6

06-10 Jeep Commander 3.7L V6

Check Point Tuning
Fullerton, CA 92831

CPT-850

2005-10 Jeep Grand Cherokee 3.7L V6

2006-10 Jeep Commander 3.7L V6

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 box.
- Disconnect the crank case breather hose from the air box.
- Unclip the upper air box.
- Remove the upper air box and intake tube assembly.
- Loosen the hose clamp on the throttle body.
- Disconnect intake air temp sensor harness.
- Remove the resonator box from the engine bay.
- Lift and remove the bottom half of the factory air box.
- Disconnect crank case breather hose and remove.
- Lift and remove the intake resonator tube assembly.
- Remove intake air temp 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.

- Install rubber sensor grommet to the CPT intake pipe.
- Install intake air temp sensor into the CPT intake pipe.
- Install vibra mount to the threaded insert next to the coolant reservoir.
- Install elbow fitting to the throttle body and secure with hose clamp.
- Connect provided hose to the crank case breather coupling on the engine.
- Position the CPT intake pipe lining connecting it to the elbow fitting while lining up the mounting bracket to the vibra mount.
- Connect the breather hose to the CPT intake pipe.
- Connect the air intake temp sensor harness.
- Secure the CPT intake pipe to the vibra mount with washer and nut.
- Tighten the hose clamp attaching the CPT intake pipe to the elbow.
- Install the heat shield clamps onto the heat shield using provided hardware.
- Now attach the CPT air filter to the heat shield clamps with a hose clamp.
- Install the heat shield and CPT air filter assembly to the end of the CPT intake pipe then tighten hose clamp.
- 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