



CPT COLD AIR INTAKE SYSTEM

Installation Instructions

Part# CPT-328

1 piece 3.5"

2006 BMW 330i E90 3.0L 6cyl

07-12 BMW 328i E90/E92/E93 3.0L 6cyl

08-13 BMW 128i E82/E88 3.0L 6cyl

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 MAF sensor harness.
- Loosen the hose clamp holding the intake tube to the air box.
- Remove 2 10mm bolts from the air box bracket.
- Remove the factory air box.
- Remove the 2 10mm nuts holding the power steering reservoir.
- Remove the power steering reservoir from the mounting studs without disconnecting the hoses.
- Without removing the hose rotate the spring clamp on the lower hose attached to the power steering reservoir a quarter turn to the right. This will allow clearance of the air intake to the power steering reservoir assembly.
- Remove the vacuum hose attached to the plastic elbow on the throttle body.
- Loosen the clamp holding the plastic elbow onto the throttle body then remove the plastic elbow.

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.

- After placing 2 hose clamps on the step hose install it onto the throttle body opening and tighten the hose clamp holding the step hose onto the throttle body.
- Remove the rubber vibration mount from the frame rail.
- Lower the heat shield into the engine bay while lining up the 3 holes on the heat shield with the three threaded studs on the frame rail.
- Secure the heat shield onto the car using 3 supplied mounting nuts over the 3 studs on the frame rail.
- Remove the 2 screws securing the MAF sensor to the factory air box.
- Remove the MAF sensor from the air box.
- Install MAF sensor to the CPT intake pipe and secure using 2 screws.
- Install the CPT air filter onto the CPT intake pipe and secure with hose clamp.
- Install the CPT intake assembly to the step hose on the throttle body then tighten the hose clamp securing it to the step hose.
- Install vacuum hose onto the vacuum fitting on the CPT intake pipe. If your vehicle is not equipped with vacuum hose, place supplied vacuum cap over the vacuum port.
- Reconnect MAF sensor harness to the MAF sensor.
- Position and adjust the cold air intake assembly for the best possible fit then tighten all the cold air intake assembly hardware as needed.
- Replace and reinstall the power steering reservoir onto the mounting studs and secure with 2 10mm nuts.
- Fit the vinyl trim on to the upper edge of the heat shield.

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