



CPT COLD AIR INTAKE SYSTEM

Installation Instructions

Part# CPT-642

1 piece 2.75"

07-13 Mazda Mazdaspeed 3

2.3L 4cyl

Check Point Tuning
Fullerton, CA 92831

CPT-642

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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.

- Remove 13 6mm bolts and 5 plastic clips holding the front bumper onto the car.
- Remove front bumper.
- Remove 2 bolts securing the intercooler cover to the intercooler.
- Remove intercooler cover.
- Disconnect MAF sensor harness.
- Remove 2 screws attaching the MAF sensor to the air box.
- Remove the MAF sensor and set it aside.
- Loosen the hose clamp holding the intake tube to the turbo inlet.
- Using a small flat tipped screwdriver depress the tabs on the breather hose connector on the intake port.
- Now separate the 90 degree elbow of the breather hose assembly from the air duct breather port.
- Unclip the 2 metal clips attaching the upper and lower air box together.
- Disconnect the factory intake tube from the turbo inlet then remove the upper air box and intake tube assembly from the engine bay.
- Now remove the lower air box from the engine bay.
- Disconnect the breather hose assembly from the breather port and remove the breather hose assembly.
- Remove the green locking tab from the breather port.
- Remove 3 6mm bolts and 3 plastic clips holding the splash guard located behind the front bumper on the driver side.
- Remove the splash guard.

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.

- Press the supplied breather hose over the breather port.
- Install the step hose over the turbo inlet and secure with a hose clamp.
- Install the vibra mount to the threaded hole on the side of the frame rail.
- Lower the CPT intake pipe down the engine compartment toward the area where the splash guard was located.
- Press the upper opening into the step hose on the turbo inlet and secure with a hose clamp.
- Line up the bracket on the lower part of the CPT intake pipe to the vibra mount.
- Secure the CPT intake pipe to the vibra mount with supplied washer and nut.
- Install the MAF sensor into the MAF sensor bracket on the CPT intake pipe.
- Secure MAF sensor to the CPT intake pipe with 2 screws.
- Reconnect the MAF sensor harness to the MAF sensor.
- Attach the other end of the supplied vacuum hose to the vent tube port on the CPT intake pipe.
- Install the CPT air filter to the lower opening on the CPT intake pipe.
- 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

- Reinstall the front bumper.
- 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

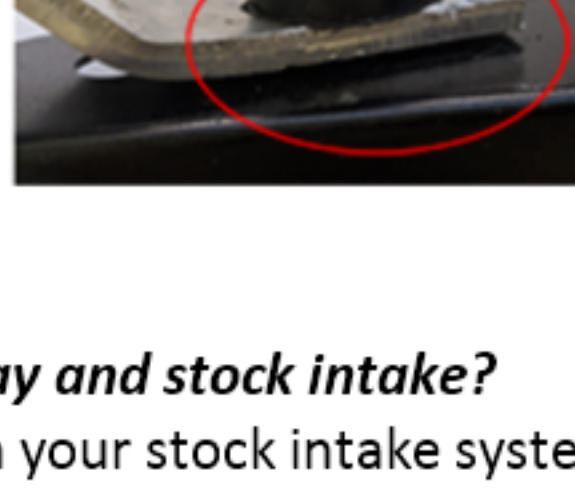
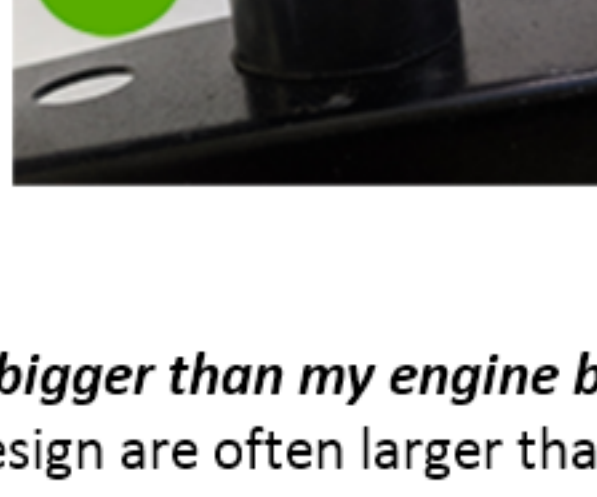
Why does my car have a check engine light after installation?

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