CPT COLD AIR INTAKE SYSTEM

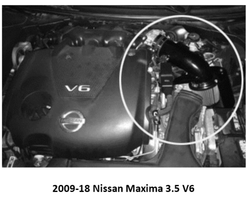
Installation Instructions

Part #CPT-634

2009-18 Nissan Maxima 3.5 V6
1 piece 3.5"

Check Point Tuning
Fullerton, CA 92831

CPT-634



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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

a. Make sure the vehicle is parked on a level surface.
b. Set the parking brake.
c. Make sure the engine has cooled down for at least an hour.
d. If your radio has a security code, make sure you have it recorded before you disconnect your vehicle's power.
e. 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.

a. Disconnect MAF sensor harness.
b. Loosen the 2 hose clamps attaching the factory intake tube to the throttle body and air box.
c. Loosen the hose clamp attaching the CCV box to the intake tube then disconnect the CCV box from the intake tube.
d. Unlatch and remove the upper air box.
e. Remove the factory intake tube.
f. Remove the 10mm bolt attaching the lower air box to the frame.
g. Unclip the vacuum hose from the side of the lower air box.
h. Remove the lower half of the air box from the engine bay.
i. Remove the 2 screws securing the MAF sensor to the air box then remove the MAF sensor.
j. Install the MAF sensor to your CPT intake pipe and secure with 2 screws.
k. Remove a 10mm bolt attaching a metal bracket next to the valve on the AC hose.
l. Install a vibra mount in place of the 10mm bolt.

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.

a. Install the step hose to the throttle body with 2 hose clamps over the hose. Secure the step hose to the throttle body with one of the 2 hose clamps.
b. Assemble the heat shield and attach to the CPT air filter using a hose clamp.
c. Install the CPT intake pipe into the CPT air filter then tighten the hose clamp to secure the assembly.
d. Install the CPT intake assembly to the throttle body, lining up the mounting bracket to the vibra mount that was installed earlier.
e. Tighten the hose clamp on the step hose to secure the CPT intake pipe.
f. Secure the CPT intake pipe to the vibra mount using supplied washer and nut.
g. Slip a 2" section of hose over the fitting on the CPT intake pipe then attach the other end to the CCV box.
h. Reconnect the MAF sensor harness.
i. 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

a. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
b. Reinstall the negative battery terminal.
c. Start the vehicle and check for proper operation.
d. 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.

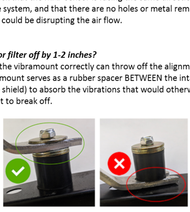
-END OF INSTRUCTIONS-

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