CPT COLD AIR INTAKE SYSTEM

Installation Instructions
Part #CPT-675
1 piece 2.75"
07-12 Nissan Altima 2.5L 4cyl

Check Point Tuning
Fullerton, CA 92831

CPT-675
07-12 Nissan Altima 2.5L 4cyl

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. Remove 3 m6 Allen headed bolts from engine cover.
b. Remove engine cover.
c. Loosen the hose clamp attaching the factory intake tube to the throttle body.
d. Disconnect harness from the MAF sensor.
e. Using a pair of pliers, unclamp the wire tension clamp from the crank case breather hose from the crank case vent box.
f. Pull crank case breather hose off of the crank case vent box.
g. Remove 2 screws attaching the MAF sensor to the factory intake.
h. Pull the MAF sensor out of the factory intake and set aside.
i. Remove a 10mm bolt located towards the upper right corner of the airbox holding the factory airbox onto the chassis.
j. Remove the factory airbox and intake tube assembly from the engine bay.

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 2 ¾" straight hose to the throttle body with 2 hose clamps over the hose. Secure the straight hose with one of the 2 hose clamps.
b. Install a vibra mount onto the bracket located to the side of the shock tower.
c. Attach and press the CPT Intake tube into the straight hose on the throttle body.
d. Align the welded bracket on the CPT Intake tube to the vibra mount installed earlier.
e. Secure the CPT Intake tube to the vibra mount with a M6 nut and washer then tighten the hose clamp attaching the intake tube to the throttle body.
f. Connect the crank case breather hose to the CPT Intake tube fitting.
g. Secure the crake case breather hose to the CPT Intake tube with the wire tension clamp.
h. Install the MAF sensor into the sensor adaptor on the CPT Intake tube.
i. Secure the MAF sensor with 2 screws.
j. Reconnect the MAF sensor harness.
k. Attach the heat shield to the air filter with a supplied hose clamp around the filter neck.
l. Install the air filter assembly onto the CPT Intake tube with the heat shield facing downward toward the transmission then tighten the hose clamp.
m. Reconnect the MAF sensor harness to the MAF sensor.
n. Tighten the hose clamp attaching the upper cold air intake tube to the lower cold air intake tube.
o. Tighten a M6 nut and washer attaching the upper cold air intake tube bracket to the vibra mount.
p. 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. Replace and reinstall the engine cover with 3 M6 Allen headed bolts.
b. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
c. Reinstall the negative battery terminal.
d. Start the vehicle and check for proper operation.
e. 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.

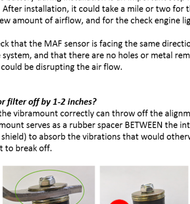
-END OF INSTRUCTIONS-

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