



# CPT Intercooler Piping Kit

## Installation Instructions

Part #CPT-652  
2 piece  
11-17 Nissan Juke 1.6T

Check Point Tuning  
Fullerton, CA

### CP-652 2011-17 Nissan Juke 1.6 Turbo 4cyl Intercooler Piping Kit

Congratulations on your new CPT Intercooler Piping Kit!

Your CPT Intercooler Piping Kit has been tuned and tested after many years of research to provide the perfect marriage between form and functionality. The aluminum piping replaces your stock piping, giving your turbo system better looks, sound, and performance.

Check Point Tuning is proud to be the very FIRST company that offered a cold air intake in a polished aluminum design. We realized back in the 1990's that a polished aluminum intake provides a more lightweight, attractive, and highly DURABLE alternative to the stock, plastic, and ceramic applications that were available. We have since expanded into intercooler piping replacements as well, using our tried and tested aluminum mandrel bent piping.

All Check Point Tuning Products are backed by a One Year Warranty for defects in structure and workmanship.

## 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.

- Open hood and remove the plastic engine cover.
- Loosen 2 13mm nuts securing the intercooler piping to the turbo housing.
- Loosen the hose clamp on the intercooler side using an 8mm wrench.
- Remove 2 10mm bolts attaching the vacuum valve.
- Loosen 1 10mm nut and 1 10mm bolt attaching the bracket to the cast intake piece, then remove the bracket.
- Disconnect vacuum hose attached to the cast piece.
- Carefully remove the cast piece and the intercooler hose attached to it from the engine bay.

### 3. Installing the CP 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 CP Piping and Filter are clean and free of debris before beginning installation.

- Secure supplied 2.5" hump hose with hose clamp to the intercooler inlet.
- Install the vibramount to the threaded stud on the factory mounting bracket.
- Install your CP upper intercooler pipe to the turbo, reusing the factory gasket.
- Secure the flange with original mounting nuts.
- Secure the vacuum pump to the CP upper intercooler pipe.
- Tighten the clamp on the hump hose to the CP upper intercooler pipe.
- Install vacuum hose to CP upper intercooler pipe.
- Secure the CP upper intercooler pipe bracket to the vibramount using the supplied nut.
- Disconnect the temp sensor harness attached to the lower intercooler pipe.
- Disconnect 2 hoses attached to the diverter valve.
- Loosen the 10mm bolt attaching the lower intercooler pipe.
- Loosen the hose clamp (8mm) on the lower intercooler hose and the throttle body.
- Now we can remove the lower intercooler pipe.
- Loosen 2 bolts securing the diverter valve to the lower intercooler pipe and remove the diverter valve.
- Loosen the mounting bolt on the temp sensor and remove from the lower intercooler pipe.
- Install the factory diverter valve and temp sensor on your CP lower intercooler pipe.
- Install the 2.75" elbow onto the throttle body and secure with hose clamps.
- Position the CP lower intercooler pipe making sure to line up the mounting bracket to the vibramount.
- Reconnect temp sensor harness to the temp sensor.
- Reconnect hoses to diverter valve.
- Adjust the alignment of all components and tighten all mounting hardware.

### 4. Re-assemble the vehicle

- Replace the engine cover.
- 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-**