



## CPT COLD AIR INTAKE SYSTEM

### Installation Instructions

Part # CPT-496

1 piece 3"

10-12 VW Golf GTI MKVI

2.0L 4cyl TSI Engine

Check Point Tuning  
Fullerton, CA 92831

CPT-496

2010-12 VW GTI 2.0L 4cyl TSI

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.
- Pinch the harness on the smog pump (if equipped) and disconnect it from the air box.
- Remove plastic intake elbow from air box
- Loosen the T30 bolt attaching the air box to the frame.
- Pinch the hose clamp connecting the intake hose to the air box.
- Remove the air box assembly.
- Remove engine cover.
- Pinch the hose clamp holding the intake tube to the turbocharger inlet.
- Remove the T30 bolt attaching the intake by the firewall.
- Pinch and disconnect the crank case breather hose from the intake tube.
- Remove intake tube and hose clamps and coupler from the engine bay.
- Loosen and remove 2 T20 security bolts attaching the MAF sensor to the air box.
- Remove the MAF sensor from the air box and set aside.

#### 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.

- Install a vibra mount to threaded hole that held the factory air box.
- Place 2 hose clamps onto the step hose and install it onto the turbo inlet then tighten the hose clamp.
- Install MAF sensor onto the CPT intake pipe and secure with 2 screws.
- Install the CPT intake pipe to the step hose and line up the mounting bracket to the vibra mount.
- Tighten the hose clamp attaching the CPT intake pipe to the step hose.
- Connect smog pump hose coupling (if equipped) to the CPT intake pipe. Install hole plug if not equipped with smog pump.
- Connect crankcase breather hose coupling to the CPT intake pipe.
- Secure the CPT intake pipe to the vibra mount using supplied nut and washer.
- Reconnect MAF sensor harness.
- Replace engine cover.
- Remove 2 screws attaching factory ram air scoop then remove scoop.
- Install CPT ram air scoop using 2 screws removed from the factory scoop.
- Install CPT air filter onto the CPT intake pipe using a hose clamp.
- 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

- 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](mailto:sales@tunersdepot.com)