



CPT COLD AIR INTAKE SYSTEM

Installation Instructions

Part # CPT-490

1 piece 2.50"

99.5-05 Jetta VR6 MKIV

99.5-05 GTi VR6 MKIV

Check Point Tuning
Fullerton, CA 92831

CPT-490

99.5-04 Jetta IV VR6/ GTi IV VR6 (2.5")

Installation Instructions

We recommend you have a trained professional install this product. Please be sure you thoroughly understand ALL the instructions before attempting installation.

Note: This installation requires the removal and reinstallation of sensitive emissions related components. If you are not familiar with the installation and/or the operation of such components, please refer this installation to a qualified professional.

1. Preparing the installation area
 - a. Make sure the vehicle is parked on a level surface
 - b. Set the parking brake
 - c. If the engine has ran in the last hour – let it cool down
 - d. Disconnect the battery terminals, one terminal at a time.
 - e. Jack up the front of the vehicle and support with appropriate jack stands.
 - f. Unfasten and remove the fender lining on the front driver side.
2. Removing the stock intake system

Make sure to label the stock parts and note their orientation prior to removing them from the vehicle. Be careful when disconnecting all sensors, wires and other sensitive electrical components, as they can easily be damaged.

- a. Unscrew and remove the two plastic covers on the radiator support in front of the battery.
 - b. Unbolt the 3 bolts holding down the battery case. Disconnect the fuse box from the battery. Unclip the wires from the back of the battery case. Disconnect the battery wires from the battery case. Disconnect and remove the battery and case from the vehicle.
 - c. Unbolt the 4 bolts on the lower battery tray. Disconnect and remove the battery tray from the vehicle.
 - d. Unplug the MAF sensor wire plug. Loosen the hose clamps on the intake tube. Disconnect the breather hose (if equipped). Unscrew the nut holding the intake tube and keep for reinstallation.
 - e. Remove the remaining 2 bolts located on opposite sides of the air box. Disconnect and remove the air box and lower intake tube from the vehicle. Disconnect the MAF sensor and set aside for re-installation. Leave the tubing from the throttle body intact as the cold air will be installed to this section later.
 - f. On the plastic cover behind the driver side headlight, unfasten the 2 two rivets on the radiator support, and the 1 bottom rivet from beneath the vehicle. Disconnect and remove the plastic cover from the vehicle.
 - g. In the area where the plastic cover was located, unclip the wire harness from behind the fender to release it. Remove the negative battery cable from its clip, and route the freed wire harness beneath the negative battery cable. Reattach the negative battery cable to its clip.
3. Installing the new CPT Cold Air System

Do not completely tighten any hose clamps or mounting hardware until instructed to do so as minor adjustments might be needed during the installation. Make sure the CPT pipe and filter are clean and free of debris before installation.

- a. Install the nipple end of the cold air pipe to the squared end of the original MAF sensor with the included rubber reducer and hose clamps.
 - b. Route the intake pipe with the MAF sensor towards the throttle body to determine the proper location to mount the rubber mount on the bottom of the engine bay. Once you have determined the mount location that lines up with the lower bracket on the intake pipe, remove the pipe and install the rubber mount to the hole.
 - c. Install the intake pipe to the stock piping from the throttle body, making sure the lower bracket lines up to the rubber mount. Install a washer and the original nut to secure the upper bracket on to the bolt on the fender.
 - d. Install the included filter to the bottom end of the cold air pipe. Adjust until proper orientation is achieved.
 - e. Connect the MAF sensor plug to the MAF sensor. If equipped, connect the breather hose to the nipple on the cold air pipe. If not, install a breather, or seal the hole in the pipe with tape or a rubber cap.
 - f. Adjust the pipe and filter until the intake system is not interfering with any other devices and adequate hood clearance is achieved.
 - g. Tighten all clamps and connections.
4. Re-assembling the vehicle

- a. Re-install the battery tray, and battery case. Reinstall the fuse box to the battery.
- b. Re install the covers for the radiator support.
- c. Reinstall the fender lining.
- d. Lower the vehicle and retighten all connections.
- e. Reconnect the positive and negative battery terminals, one at a time.
- f. Start engine and perform a final inspection.

- END OF INSTRUCTIONS -

FAQ

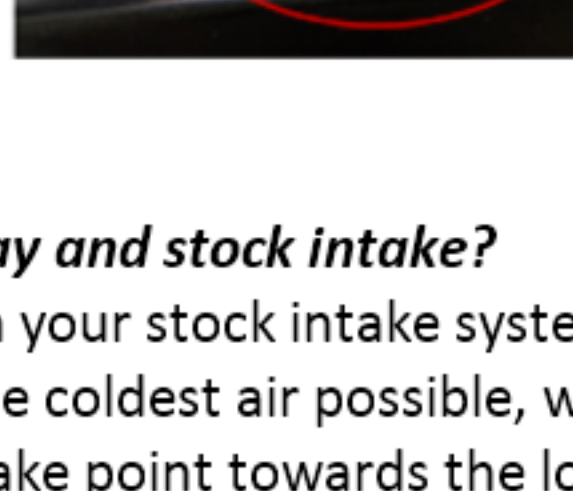
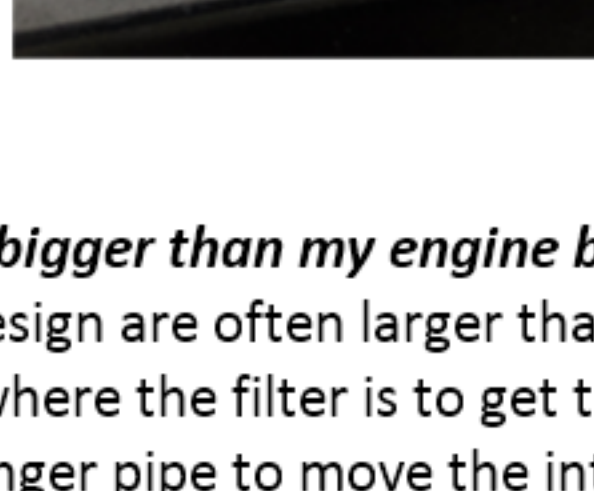
Why does my car have a check engine light after installation?

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