CPT COLD AIR INTAKE SYSTEM

Installation Instructions

Part #CPT-498
2 piece 3"
14-17 VW Jetta VI
14-17 Passat 1.8T

Check Point Tuning
Fullerton, CA

CPT-498
2014-17 VW Jetta VI/Passat 1.8 Turbo

Congratulations on your new CPT Cold Air Intake System!

Your CPT intake system has been highly tuned after many years of research and development to provide the perfect marriage between form and functionality. The cold air design replaces the stock air intake location, much like a turbo intercooler, to allow the cooled air from the lower front of the vehicle to be forced into the engine via the intake, especially at higher speeds. This circumvents the extremely high intake temperatures of the engine area. In addition, Check Point Tuning Products 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.

The CPT Stainless Steel filter is constructed of high gradeT304 stainless steel, with a fine stainless steel micro mesh. Its' strong metal construction provides an extended life over paper filters, and results in a deeper resonance giving your car a more pleasing guttural exhaust pitch.

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

Warning: The CPT Cold Air Intake System is not designed to be operated underwater! Avoid driving or submerging your vehicle into large puddles or flooded areas that place your filter underwater. Failure to do so may result in water ingestion into the intake system causing severe engine damage. If you anticipate driving in submerged or flooding conditions, replace your Cold Air Intake System with your stock intake assembly immediately.

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. **Open hood and remove the plastic engine cover.**
   b. **Pinch the clamp on the smog pump hose and disconnect from air box.**
   c. **Remove air scoop cover.**
   d. **Pull out air scoop elbow from air box.**
   e. **Remove the upper half of the air box assembly from engine bay. Loosen the Phillips screws and remove the vacuum line attached to the air box.**
   f. **Using pliers, carefully pull the factory intake tube out of the engine bay.**
   g. **Disconnect crankcase breather tube from factory intake tube.**
   h. **Loosen and remove the T30 torx bolt attaching the intake to the engine near the firewall.**
   i. **Remove 2 T25 screws attaching the air scoop (save screws for use later in the installation process)**
   j. **Pinch and pull away the crankcase line from the factory intake tube.**
   k. **Loosen the T30 bolt securing the lower air box assembly.**
   l. **Take care to remove the lower air box assembly along with the drain line attached to the bottom of it.**
   m. **Using a pair of pliers, remove the factory turbo coupling and hose clamps.**
   n. **Locate the threaded hole from step "e" and install supplied vibramount and secure to the hole.**

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. **Secure supplied step hose with hose clamp to the factory turbo inlet.**
   b. **Install a vibramount and secure to you CPT heat shield.**
   c. **Install rubber trim on the edges of the heat shield.**
   d. **Align the mounting tabs on your CPT heat shield to the factory ramscoop and secure using factory mounting screws. Secure the rear tab using supplied washer and bolt.**
   e. **Position CPT intake pipe and secure to the step hose attached to the turbo with supplied hose clamp.**
   f. **Connect the crankcase line to the fitting on your CPT intake pipe.**
   g. **Line up the CPT intake pipe mounting bracket to the vibramount installed earlier.**
   h. **Install the 3" hump hose to the CPT intake pipe with hose clamps in position.**
   i. **Install 3" CPT intake elbow pipe to the hump hose.**
   j. **Connect smog pump hose and vacuum line to the corresponding fittings on the CPT intake pipe.**
   k. **Secure intake pipe to vibramount using supplied nuts.**
   l. **Install you CPT air filter to the end of the intake pipe.**
   m. **Adjust the alignment of all components and tighten all mounting hardware.**

4. **Re-assemble the vehicle**

   a. **Replace the engine cover.**
   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.**

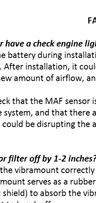
-END OF INSTRUCTIONS-

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