



SPYDER

CP-433

Installation Instructions

We recommend you have a trained professional install this product. Please be sure to read and understand ALL these instructions prior to installation of this product.

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. Getting started

- a. Make sure the vehicle is parked on a level surface
- b. Set the parking brake
- c. Disconnect negative battery terminal
- d. If the engine has ran in the last 2 hours – let it cool down

2. Removing the stock air inlet 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. Disconnect and remove breather hose from the stock intake pipe.
- b. Disconnect the Mass Air Flow (MAF) sensor wire harness.
- c. Loosen the hose clamps on the stock air intake piping, then disconnect and remove the stock intake pipe from the vehicle.
- d. Disconnect the 2 plastic tabs on the intake funnel, then disconnect the intake funnel from the air box and remove from the vehicle.
- e. Unbolt and remove the air box from the mounting bracket. Remove from vehicle.
- f. Unbolt the mounting bracket (2 bolts) and remove from vehicle.
- g. Unbolt the MAF Sensor (4 nuts) from the stock air box, and set aside for reinstallation.

3. Installing the Cold Air System

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. Make sure the pipe and filter are clean and free of debris before installing.

- a. Connect the longer side of the black rubber elbow to the throttle body and install hose clamps on both ends.
 - b. Install the pipe with the nipple onto the elbow, and tighten just enough to hold.
 - c. Install a rubber reducer onto the end of the installed Pipe, and install hose clamps on both ends.
 - d. Bolt the included MAF sensor adaptor to the MAF sensor and secure with washers.
 - e. Install the MAF sensor adapter to the exposed rubber reducer on the installed Pipe and secure hose clamp.

 - f. Bolt the intake bracket to the bolt it lines up to on the cylinder head.
 - g. Install a rubber boot onto the MAF sensor adapter with hose clamps.
 - h. Install the bracket end of the secondary pipe to the rubber boot on the MAF sensor adapter.
 - i. Install the rubber mount between the bracket on the secondary intake pipe and the hole it lines up with on the inside fender well.
 - k. Install the filter on to the end of the intake pipe and adjust until proper clearance has been obtained. If you opt to detach the fender liner and splash guard in order to access the filter install area, they MUST be reinstalled prior to operation of the vehicle. Failure to do so will result in severely diminished performance and increased potential for severe engine damage.
 - l. Install the new breather hose from the nipple on the primary intake pipe to the valve cover.
 - m. Reconnect the MAF sensor wire harness to the MAF sensor.
 - n. Adjust the intake system until it is touching no surfaces of the vehicle.
- Tighten all clamps and connections.

4. Re-assembling the vehicle

- a. Re-install the fender lining and splashguard if it was removed during the installation.
- b. Inspect the engine bay for any loose tools that may have been used during the

- installation, and check to see that all fasteners are properly tightened.
- c. Reconnect the negative battery terminal.
 - d. Start engine and perform a final inspection.