



SPYDER

CP-434

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 2 hours – let it cool down
- d. Disconnect the negative battery terminal
- e. Jack up the front of the vehicle and support with appropriate jack stands.

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. Unbolt and remove the front driver side wheel.
- b. Unfasten and remove the inner fender liner of the front driver wheel well.
- c. Unfasten the two fasteners holding the air scoop leading to the grill. Disconnect and remove the air scoop from the vehicle.
- d. Loosen hose clamp on stock intake pipe and disconnect the MAF Sensor wire plug. Unbolt the 2 bolts on the right side of the air box. Disconnect the breather hose from the engine. Unclip the throttle cable and MAF sensor wire from the air box.
- e. Disconnect and remove the air box from the vehicle.
- f. Disconnect the MAF Sensor from the air box and set aside.
- g. Unbolt the air box bracket (3 bolts) and remove from the vehicle.

3. Installing the 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 pipe and filter are clean and free of debris before installation.

- a. Connect the included MAF adapter to the stock MAF sensor removed in step 2e.
- b. Using a rubber boot and hose clamps, install the MAF assembly to the longer side of small intake pipe.
- c. Install the other end of the small pipe to the throttle body using the included rubber reducer, making sure to use hose clamps on both sides.
- d. From underneath the vehicle route the non bracket end of the longer pipe through the air box hole to the MAF adaptor to determine the location of the screw hole in the frame that will line up with the intake pipe. Install the included rubber mount to this hole.
- e. Using a rubber boot and hose clamps, install the longer pipe to the end of the MAF adaptor.
- f. Install the bracket on the end of the pipe to the rubber mount now screwed into the frame.
- g. Install the filter to the end of the pipe and position for best fitment.
- h. Adjust the pipe and filter until the intake system is not interfering with any other devices and adequate hood clearance is achieved.
- i. Connect the included breather hose to the valve cover, making sure to use the small hose clamps on both ends. Reconnect the MAF sensor wire plug to the MAF sensor.
- j. Tighten all clamps and connections.

4. Re-assembling the vehicle

- a. Re-install the fender lining, and the front driver side wheel.
- b. Lower the vehicle and retighten all connections.
- c. Reconnect the negative battery terminal
- d. Start engine and perform a final inspection.