



SPYDER

CP-545

Installation Instructions

We recommend you have a trained professional install this product. Please be sure to read and understand ALL these instructions prior to installing 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 run in the last 2 hours, let it cool down.
 - e. Chock the rear wheels and jack up the vehicle. Support on appropriate jack stands.
 - f. Disconnect the front left wheel.
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. Unfasten and remove the plastic air scoop.
 - b. Unbolt the stock intake pipe, loosen hose clamps, and remove the stock intake pipe from the vehicle.
 - c. Remove the Mass Air Flow (MAF) Sensor. Unbolt and remove air filter assembly.
 - d. Remove the 3 plastic fasteners and 2 screws on the inner fender.
 - e. Unbolt and remove the stock air resonator.
3. Installing the 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. Make sure the pipe and filter are clean and free of any debris before installing.

- a. Bolt the supplied MAF Adapter to MAF Sensor.
 - b. Connect the side opposite the nipple on the smaller pipe to the throttle body using a rubber boot and 2 hose clamps.
 - c. Connect MAF sensor to the installed pipe using another rubber boot and 2 hose clamps.

- d. Install the rubber mount to the fender, opposite the center of the battery.
 - e. Install the bracket side of the longer pipe to the MAF adapter.
 - f. Line up the bracket to the rubber mount, and install the bracket to the mount.

 - g. Install the breather hose between the Intake nipple and the valve cover.
 - h. Install the filter onto the end of the intake pipe.
 - i. Make sure the pipe and filter are not obstructing any other parts in the engine bay, and that the pipe is not touching any surfaces of the vehicle.
 - j. Tighten all clamps and connections.
4. Re-assemble the vehicle
- a. Re-install the air scoop and inner fender.
 - b. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
 - c. Reconnect the battery.
 - d. Start the vehicle and test for proper operation.