



SPYDER

CP-441

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.
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. Disconnect and remove the plastic air scoop from the stock air box.
 - b. Disconnect the Mass Air Flow (MAF) Sensor Harness
 - c. Disconnect and remove the stock air box and filter.
 - d. Disconnect and remove the stock intake pipe.
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. Be sure the pipe and filter are clean and free of debris before installing.

- a. Install a rubber boot onto the throttle body and attach hose clamps to both ends.
 - b. Connect the included 3mm hose to the fitting below the throttle body.
 - c. Install a rubber boot onto the end of the pipe opposite the nipple. Connect the nipple side of the large pipe to the throttle body and tighten just enough to hold it. Connect the 3mm hose from the throttle body to the nipple on the intake.
 - d. Install the intake bracket to the top of the fan housing with screw and washer.

- e. Connect the 2" hose to the T fitting. Connect 6" hose to the long end of the T fitting, making sure to clamp it down. Install 11" hose from the valve cover to the T fitting.
 - f. Remove the MAF sensor and pipe from the stock air box.
 - g. Connect the mass air flow sensor to the pipe using a rubber boot and hose clamps. Install the MAF adapter to MAF sensor. Press the stub into the $\frac{3}{4}$ " nipple and plug the sensor into the stub.
 - h. Using another rubber boot and hose clamps, connect the longer of the remaining pipes to the end of the MAF adapter, making sure to use a rubber boot on the other end as well.
 - i. Using hose clamps, connect the small pipe to the end of the rubber boot.
 - j. Install the filter from beneath the car onto the end of the intake pipe.
 - k. 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.
 - l. Tighten all clamps and connections.
4. Re-assemble the vehicle
- a. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
 - b. Reconnect the negative battery terminal.
 - c. Start the vehicle and test for proper operation.