



SPYDER

CP-511

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. Securing the Vehicle

- a. Make sure vehicle is parked on a level surface.
- b. Set the parking brake and block the rear wheels.
- c. Disconnect the negative battery cable
- d. If engine has run within past two hours, let it cool down.
- e. Jack the front of the vehicle and support it with appropriate jack stands.
- f. Remove the left front wheel.

2. Removing the stock 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. Loosen the clamp around the throttle body. Loosen the spring clamp on the Intake Air Temperature (IAT) Sensor on the stock intake, and remove the sensor.
- b. Disconnect PVC hose connecting the valve cover and stock intake system.
- c. Disconnect the breather tube from underneath intake manifold.
- d. Remove the air box mounting bolt.
- e. Remove the remaining air box mounting.
- f. Remove the air box from the engine bay.
- g. Remove the 2 fasteners from the plastic cover in front of the battery.
- h. Pull up on the plastic cover and remove the resonator box intake tube.
 - i. Remove the plastic fasteners from the front left wheel well.
 - j. Remove the plastic fasteners from below the vehicle.
 - k. Tuck the splash guard aside behind the brake rotor.
 - l. Remove the resonator bolt.
 - m. Unscrew the screw from the corner of the front bumper cover.
 - n. Unsnap the corner of the bumper cover to ease the removal of the resonator assembly.
 - o. Reach up inside the space in front of the resonator assembly and remove the 10mm mounting bolt.
 - p. Remove the resonator assembly.

3. Installing the Cold Air Intake system

When installing the intake system DO NOT tighten the hose clamps or mounting tab hardware until instructed. Be sure the Filter and Intake Pipe are clean and free of debris before installing. MAKE SURE AT THIS POINT THAT THE VEHICLE IS COOL!

- a. Disconnect the water hose from the throttle body side.
- b. Disconnect the water hose from the engine side and remove from vehicle.
- c. Replace the water hose with the included 5/16" hose and secure with the 2 included 3/4" hose clamps. Do not tighten yet.
- d. Install the rubber mount into the bracket behind the left headlight and secure in place.
- e. Position the intake pipe into the engine bay, lining up the bracket and the rubber mount, and the other end into the coupler on the throttle body.
- f. Insert IAT sensor into hole on the intake pipe, using the stock grommet.
- g. Remove the smaller hose from the factory intake system.
- h. Re-install the smaller hose onto the Intake, and secure with the included hose clamps.
- i. Install the included 5/8" hose from the intake to the valve cover, and secure with included hose clamps.
- j. Install the filter on the lower end of the pipe, and tighten clamp to secure it.
- k. Ensure that no part of the intake is touching the car, then tighten all bolts and connections.

4. Re-assembling the vehicle.

- a. Snap bumper cover back into place, and replace plastic fasteners.
- b. Re-install fender liner and all plastic bolts and fasteners.
- c. Reinstall the front wheel and tighten to factory specs.
- d. Reconnect the negative battery cable.
- e. Test drive the vehicle to ensure proper operation.
- f. Lower the vehicle.