



SPYDER

CP-510

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. Drain engine coolant from radiator into a clean container (will be refilled later)

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 hose clamp on the stock intake pipe, then remove the spring hose clamp and
release the wire loom from the clip. Pull the breather pipe off of the air box.
- b. Loosen the 4 screws that hold down the upper air box.
- c. Slightly lift the upper air box, then use pliers to pinch the bottom of the wire ties and then
remove them from the upper air box. Remove upper air box and air filter from vehicle.
- d. Remove the wire clamp from the lower air box bracket.
- e. Remove the 2 bolts on the lower air box, and then remove lower air box.
- f. Release spring clamp on the breather hose on the valve cover, then pull the hose off the
valve cover. Release the clip that holds the vacuum hose to the breather hose.
- g. Release the 2 spring clamps on the coolant feed hose located between the throttle body and
coolant source. **MAKE SURE THE ENGINE IS COOL!** Disconnect hose from both sides of
the nipples. Be cautious as some leftover coolant may spill from the hose.

- h. Remove the stock breather/coolant hose system, and replace with the 5/16" ID hose, making sure to secure both ends to the nipples with the included 3/4" hose clamps.
- i. Remove the plastic clips from the plastic cover. Remove plastic cover.
- j. Remove the air horn by pulling up on it firmly
- k. Remove the front left wheel
- l. Remove plastic clips and plastic bolts from the splash shield and fender liner
- m. Loosen and remove bolt
- n. Pull the plastic inlet pipe from the air box, and remove it from the vehicle
- o. Remove the first bolt from the air box
- p. Remove second bolt from air box, and then remove the air box from the vehicle.

3. Installing the Cold Air Intake system.

When installing the intake system DO NOT tighten the hose clamps or mounting tab hardware until instructed to do so. Be sure the Pipe and Filter are clean and free of debris before installing.

- a. Install 3" boot and hose clamps onto the throttle body. Route the intake pipe into the engine bay through the hole behind the headlight.
- b. Install the rubber mount.
- c. Install 1/2" hose over the breather nipple on the valve cover, and secure with the supplied 1" hose clamp.
- d. Attach the other end of the breather hose onto the nipple on the inlet pipe. Secure with supplied 1" hose clamp, but do not fully tighten yet.
- e. Install air filter on the lower end of the intake pipe and tighten hose clamp with screwdriver.
- f. Check clearance around the intake pipe, making sure the pipe is not touching any surfaces of the engine bay.
- g. Tighten all hose clamps and connections.

4. Re-assembling the vehicle.

- a. Refill the radiator fluid drained from the beginning of the installation.
- b. Reconnect the negative battery cable.

- c. Lower the vehicle.
- d. Test drive the vehicle to ensure proper operation.