



SPYDER

CP-451

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. Jack the front of the vehicle and support it with jack stands.

2. Removing the stock intake system.

- a. Remove the wiring harness from the MAF sensor
- b. Remove the clamp securing the primary intake pipe to the throttle body.
- c. Disconnect and remove the breather hose from the vehicle.
- d. Disconnect and remove the stock intake system from the vehicle.
- e. Disconnect Remove the MAF sensor from the stock intake system.
- f. Remove the 90 degree angle plastic fitting from the stock system.
- g. Remove the battery cover.
- h. Disconnect the positive battery wire and remove the battery from the vehicle.
- i. Remove the battery tray from the vehicle.
- j. Remove the lower intake pipe from the rubber gasket hole.
- k. Remove the 2 bolts securing the intake pipe to the vehicle.
- l. Remove the lower intake pipe assembly from the vehicle.

3. Installing the new Intake system.

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

- a. Install the 2.75" connector hose on the throttle body using the supplied hose clamps.
- b. Install the 2.75" to 3" connector hose on the end of the upper intake pipe using the

- supplied hose clamp. Install the MAF sensor onto the intake pipe.
- c. Install the upper intake pipe to the throttle body.
 - d. Install the rubber mount on the lower radiator mount.
 - e. Install the 90 degree plastic fitting to the intake pipe.
 - f. Install the lower intake pipe to the end of the primary intake pipe.
 - g. Install the lower intake pipe bracket onto the rubber mount.
 - h. Install the air filter to the end of the lower intake pipe, adjusting until proper clearance is achieved.
 - i. Install the new breather hose onto the nipple on the intake pipe and the valve cover.
 - j. Plug wiring harness into MAF sensor.
 - k. Check placement of the intake system for proper alignment. Adjust until the entire system is touching no surfaces of the vehicle.

4. Re-assembling the vehicle.

- a. Re-install the battery, battery tray and the battery cover.
- b. Inspect the engine bay for any loose tools and check to see that all fasteners that were removed or moved are properly tightened.
- c. Start engine and perform a final inspection.
- d. Lower the vehicle.

Note: when battery has been disconnected and reconnected some abnormal drive symptoms may occur while the vehicle relearns its adaptive strategy. The vehicle may need up to 10 miles to relearn this strategy.