



**SPYDER**

CP-548

# 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. Remove the strut tower bar fastener from both sides. Unclip plastic wiring clip and then remove strut bar from vehicle.
- b. Remove the front bumper.
- c. Remove the stock air intake pipe and air box.
- d. Disconnect vacuum line by the fire wall. Remove Mass Air Flow (MAF) sensor from air box.
- e. Remove the M6 Bolt from the bracket holding the air conditioning hard plumbing that was located beneath the air box.

## 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. Install the included rubber mount into the hole where you removed the M6 bolt from, and screw in until it bottoms out.
- b. Install the included MAF sensor adapter to the MAF sensor, making sure to include a rubber boot and hose clamps.
- c. Install a rubber boot onto the throttle body, loosely installing clamps on both ends of the boot.

- d. Install the other rubber mount into the pre-tapped hole on the side of the intake manifold cover.
  - e. Install the air flow sensor to the end of the installed pipe hose clamps just enough to loosely hold. Line up the bracket to the rubber mount and screw together, then re-install the harness clip to the MAF sensor.
  - f. Route the larger pipe between the headlamp and fender wall into the bumper area, with the smaller end onto the rubber boot on the MAF.
  - g. Line up the bracket to the rubber mount, and install the bracket to the mount.
  - h. Using hose clamps, install the stock vacuum line onto the nipple on the intake.
  - i. Remove the formed foam piece from the bumper (or modify to accommodate the intake). **DO NOT REMOVE THE PLASTIC GUARD.**
  - 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. Re-install the strut tower bar.
    - 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 negative battery terminal.
    - d. Start the vehicle and test for proper operation.