

# **SPEED BY SPECTRE™**

## **Intake Installation Instructions P/N 9907**

### **Year/Make/Model/Engine**

'08-'09 Pontiac G8 GT 6.0L V8

'08-'09 Pontiac G8 GXP 6.2L V8

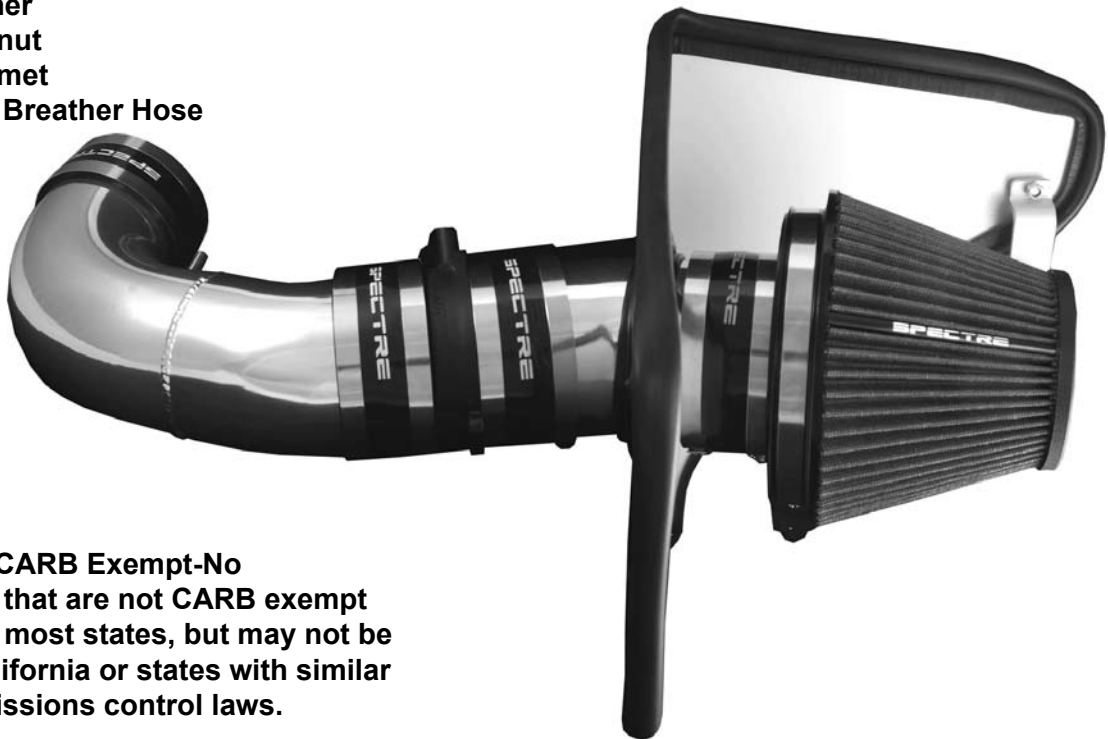
### **Parts List**

- 1- Intake Tube
- 1- Short Tube
- 1- Heat Shield
- 1- Heat Shield Bracket
- 4- 4" Couplers
- 8- 4" Clamps
- 1- Mass Air Flow Sensor Sleeve (thick)
- 1- Mass Air Flow Sensor Sleeve (thin)
- 1- 889606 Air Filter
- 1- 6" Clamp
- 1- Air Filter Velocity Stack
- 42"- Rubber Seal
- 24"- Rubber liner
- 1- M6 Bolt
- 1- M6 Washer
- 1- M6 Locknut
- 1- 4" Grommet
- 19"- 10mm Breather Hose

### **Tools Required:**

- 8mm or 5/16" Nut Driver (or flat blade screwdriver)
- Ratchet
- 10mm Deep socket
- 6" Extension
- 10mm wrench

This kit comes with a high flow Spectre hpR lifetime filter. It is factory pre-oiled and ready to install.



**CARB Exempt-No**  
Products that are not CARB exempt are legal in most states, but may not be used in California or states with similar emissions control laws.



### Step 1

**Safety first!** Before you begin the installation, make sure that the vehicle is in park with the parking brake set. If the radio has a theft-deterrent feature, be sure to have the radio code handy before disconnecting the battery. Disconnect the negative battery terminal and verify all components listed are present.



### Step 2

Remove the oil cap to allow you to remove the plastic engine cover. Remove the cover and reinstall the oil cap to ensure that nothing falls into the engine while you are working.



### Step 3

Once the engine cover is removed, loosen the clamp on the stock air intake around the throttle body.



### Step 4

Disconnect the vacuum breather hose that is positioned just to the right of the throttle body.



### Step 5

Disconnect the Mass Air Flow Sensor electrical connector.



### Step 6

Using a 10mm socket, unbolt the factory air box. There is one bolt on the side, and another on the back of the airbox.



### Step 7

Once the factory air intake assembly is completely free of attachments to the car, lift it out and set it aside.



### Step 8

Disconnect breather hose from Step 4 on the engine side. This will be replaced later with a new hose from the kit.



**Step 9**  
Attach the supplied 10mm breather hose onto the bung on the long tube. Install two large clamps onto the coupler (leave them loose). Install the coupler onto the throttle body and fully tighten the clamp. Install the long tube into the coupler as shown (do not fully tighten the clamp as some adjustment to the position may be required in a subsequent step.) Attach the other end of the vacuum line to the port on the engine.



**Step 10**  
Remove Mass Air Flow Sensor (MAFS) from the stock intake system. Note the arrow on the sensor indicating the direction of flow. The arrow must ALWAYS point towards the engine when installed on the vehicle.



**Step 11**  
The bungs on the MAFS are smaller than 4". We have supplied spacers to allow it to work with 4" couplers. On the engine side of the Mass Air Flow Sensor, install the thick rubber sleeve. On the air filter side of the Mass Airflow Sensor, install the thin rubber sleeve.

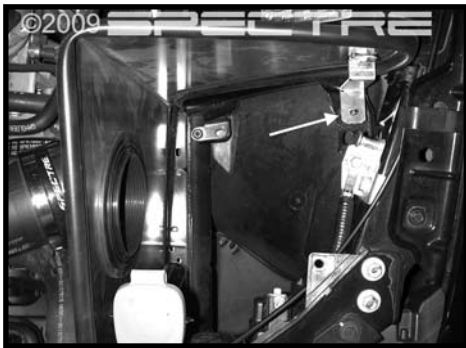


**Step 12**  
Install 4" couplers (with clamps) on both sides of MAFS and install the assembly onto the intake tube as shown (ensure that the arrow is pointing towards the engine). Leave the clamps loose at this time.



**Step 13**  
Using the supplied hardware, install the bracket onto the heat shield as shown, leave the bracket loose at this time. Install the large rubber grommet into the hole in the heat shield. Put bulb seal around the top edge of the shield. Install the thinner rubber liner on the bottom edge as shown.





**Step 14**  
Install the heat shield into place by sliding it into the area next to the radiator and aligning the bracket over the stud. Secure using the 10mm nut (removed in step 6). Tighten the nut and bolt holding the bracket.



**Step 15**  
Place the short intake tube through rubber grommet, and rotate it so that it fits into the coupler. Rotate the long tube as needed to allow it to fit. It's a snug fit through the large grommet, so you may want to apply a light coat of silicone spray lubricant to the inside of the grommet to allow the tube to slide through easier.



**Step 16**  
Install velocity stack adapter into the filter and secure with the 6" clamp. Install the last coupler (with clamps) onto the velocity stack.



**Step 17**  
Install the filter assembly onto the end of the short intake tube. Once everything is in place, line up all pieces for best fit and fully tighten the clamps. Connect the electrical connector to the mass air flow sensor. All hardware and clamps should be fully tightened at this time. Reinstall the plastic engine cover. Reconnect the battery cable.



**Step 18**  
Start the vehicle and let it warm up. Shut off and inspect the installation once more for any loose clamps, wires, or hardware. Test drive & enjoy!

Product Info:  
Performance Air Induction  
System P/N 9907

  
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