

# **SPEED BY SPECTRE™**

## **Intake Installation Instructions P/N 9906**

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

2005-2006 Pontiac GTO 5.7L/6.0L

#### **Parts List**

- 1 - Intake Tube (Long)
- 1 - Intake Tube (Short)
- 1 - Heat shield
- 2 - 4" Couplers
- 1 - Mass Air Flow Sensor Sleeve (thick)
- 1 - Mass Air Flow Sensor Sleeve (thin)
- 1 - 889615 Air Filter
- 1 - Washer
- 1 - Self Tapping Bolt
- 3 - Allen Bolts
- 3 - Lock nuts
- 1 - Allen Wrench
- 60" - Bulb Seal
- 6 - 4" Hose Clamps
- 1 - 4" Flex Boot

#### **Tools Required:**

- 7mm Nut Driver
- Flat Blade Screwdriver
- 5/16" or 8mm Nut Driver
- T25 Torx Driver
- 3/8" Open End wrench
- 3/8" Drive Ratchet
- 1/8" Allen Key
- 3/8" Socket

This kit comes with a high flow Spectre hpR lifetime filter. It is factory pre-oiled and ready to install. For cleaning instructions, visit our website – [www.speedbyspectre.com](http://www.speedbyspectre.com)



#### **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.

**Note:** The coolant reservoir was removed for these pictures, but it is not necessary to remove it for the installation of this kit.

### Step 1

**Safety first!** Before you begin the installation, make sure that the vehicle is in park with the parking brake set. Disconnect the negative battery terminal and verify all components listed are present.



### Step 2

Start by removing the radiator cover. There are five plastic rivets holding it in place along with a clip on the under side of the shroud, located in the center. Using the flat blade screw driver, pop the plastic rivets in the "UP" position. Once the rivet is "UP", you can pull both the top and bottom half out of its hole at the same time. Once all five rivets are removed, pull shroud straight up from the middle. It will pop right off.



### Step 3

Disconnect the PCV breather hose from the bung on the stock intake tube.



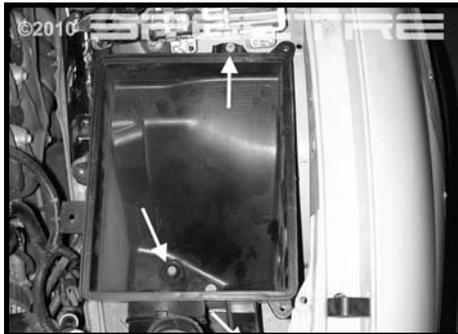
### Step 4

Using a 7mm nut driver (or flat blade screwdriver), loosen the clamp at the throttle body. Loosen the clamp on the Mass Air Flow Sensor (MAF sensor) and remove the stock intake tube.



### Step 5

Disconnect the electrical connector for the MAF sensor.



### Step 6

Loosen the three screws on the air box lid and remove the lid assembly. Set this aside as you will need to reuse the MAF sensor. Remove the stock air filter. Remove the three T25 Torx head bolts and lift the lower air box assembly straight up and out of the car.

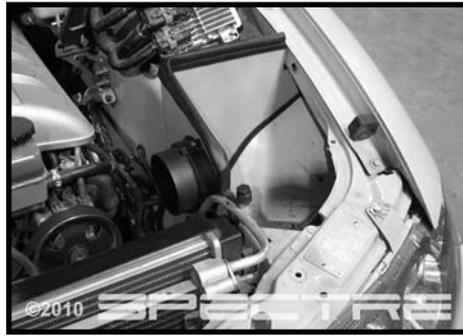


### Step 7

Using the 7mm nut driver (or flat blade screwdriver), remove the MAF sensor from the factory air box lid.



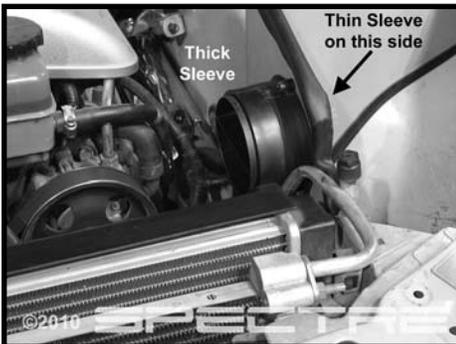
**Step 8**  
Install bulb seal on the heat shield as shown in the picture.



**Step 9**  
Install MAF sensor into heatshield using the three M5 bolts and three M5 locknuts with the 1/8" Allen key. Be sure that arrow on the MAF sensor is pointing toward the engine when installed. Once MAF sensor is installed in heat shield, carefully place the heat shield into the engine bay. Slide the side panel next to the radiator (it will be a snug fit) and bolt into place with the self tapping bolt. There should be a hole already in place on the fender well.



**Step 10**  
Install the 4" coupler (2" long) and 4" clamp onto throttle body and fully tighten.



**Step 11**  
Install the thick MAF sensor sleeve onto the throttle body side of the MAF sensor. Be sure to line up the notch in the sleeve with the notch on the MAF sensor. Install the thin MAF sensor sleeve on the inlet of the MAF sensor.



**Step 12**  
Install 4" flex boot coupler with 4" clamp onto the engine side of the MAF sensor. Fully tighten the clamp.



**Step 13**  
Install long intake tube along with 4" clamps into couplers between the throttle body and MAF sensor. Once tube is lined up properly, tighten clamps fully and reconnect PCV breather hose.



**Step 14**  
Assemble air filter, short intake tube, and 4" coupler as shown. You can tighten all the clamps fully with the exception of the one going on the MAF sensor.



**Step 15**  
Install the filter and tube assembly onto the MAF sensor. Rotate the tube until the assembly is not touching anything. Fully tighten the last clamp.



**Step 16**  
Plug the electrical connector into the MAF sensor. Reinstall the radiator cover and secure by pushing down on the five plastic rivets.

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**Step 17**  
Make sure that all clamps and hardware are fully tightened. Reconnect the battery cable, 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!

If you have any difficulties or questions regarding the installation of this intake system, contact the Spectre Performance Technical Department by email - Tech@spectreperformance.com or by phone 1-800-821-4868 Monday thru Thursday 6:00am to 4:30pm PST.

Product Info:  
Performance Air Induction  
System P/N 9906

  
**SPEED BY SPECTRE**

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