

## **Intake Installation Instructions**

**P/N 9912 (red filter) - P/N 9912B (blue filter)**

**P/N 9912K (black filter) - P/N 9912W (white filter)**

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

2008-2011 Cadillac CTS 3.6L V6

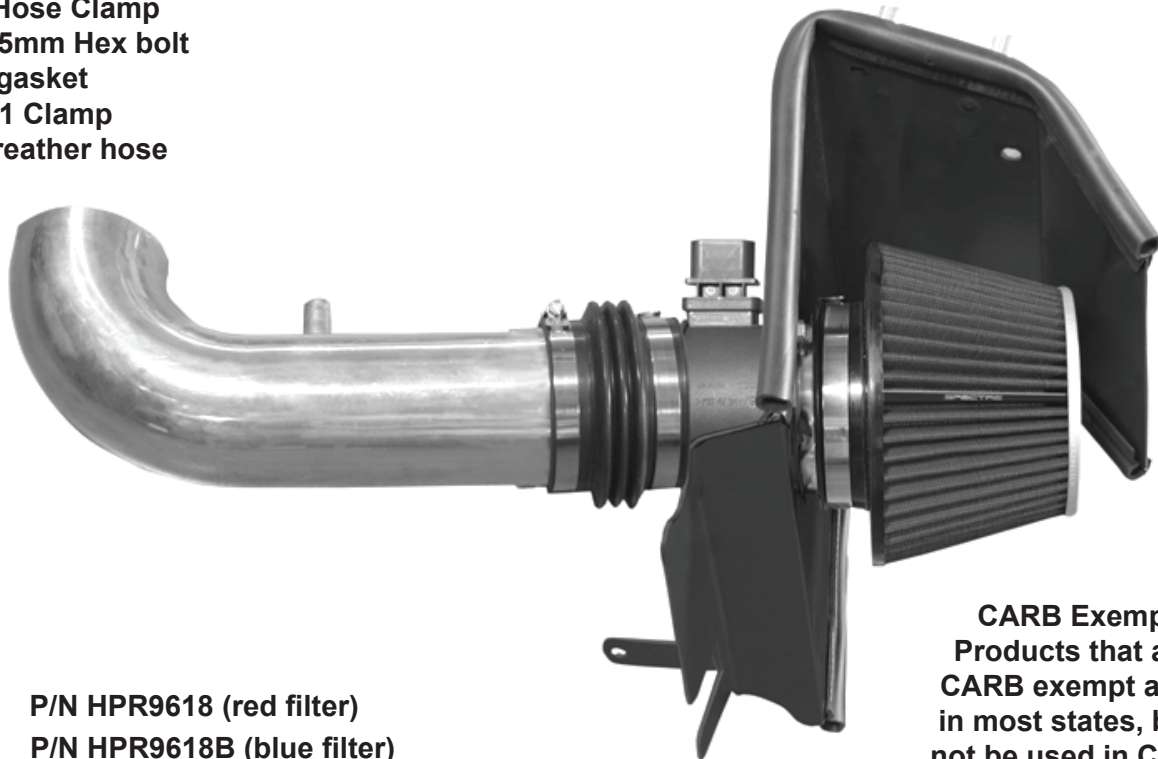
This kit comes with a high flow lifetime hpR filter. It is factory pre-oiled and ready to install.

### **Parts List**

1-Intake tube  
1-21" Rubber seal  
1-17" Rubber seal  
1-Heat shield  
1-Heat shield bracket  
1-Coupler, 3.5"x 2"  
1-Flex Coupler  
1-Throttle body adapter  
1-hpr9618 Air filter  
4-M6 Washer  
2-M6 Lock washer  
1-M6 Hex nut  
2-0-25 Hose Clamp  
5-M6x15mm Hex bolt  
1-MAF gasket  
4-78-101 Clamp  
1-26" Breather hose

### **Tools Required:**

- Ratchet
- 10mm socket
- 10mm combination wrench
- 5/16" or 8mm nut driver
- Flat blade screwdriver
- Phillips screwdriver



P/N HPR9618 (red filter)  
P/N HPR9618B (blue filter)  
P/N HPR9618K (black filter)  
P/N HPR9618W (white filter)

**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 (or neutral for a manual transmission) with the parking brake set. Disconnect the negative battery terminal and verify that all components that are listed are present. *Note: This kit was designed and tested on a stock engine without any custom tuning done to the engine computer. Removing the battery cable may erase the programmed radio stations. The anti-theft code will need to be entered into some radios after the battery cable is connected. The anti-theft code can typically be found in the owner's manual or at your local dealership.*



### Step 2

Remove the oil fill cap then lift and remove the engine cover as well the driver side inner fender cover. Reinstall the oil fill cap once the cover has been removed.



### Step 3

Disconnect the PCV breather line from the back of the factory intake tube. Loosen the two clamps at both ends of the intake tube and remove the factory air intake tube.



### Step 4

Disconnect the Mass Air Flow Sensor (MAFS) electrical connector.



### Step 5

Unclip the radiator hose from the clip on the side of the air box. Remove the bolt on the air box and then lift the air box assembly up and out of the engine bay.



### Step 6

Remove the MAFS from the factory airbox and remove the seal from the MAFS.



### Step 7

Install the MAFS onto the heatshield making sure the supplied gasket is placed between the MAFS and the heatshield. Use supplied hardware to fasten securely. Install the rubber bulb seal on the heat shield as shown. Install the filter onto the tube, then tighten the clamp.



### Step 8

Install the heat shield bracket as shown in the image.



**Step 9**  
Remove the bolt pictured that is supporting the fan shroud. This bolt will be used in a later step.



**Step 10**  
Install the heatshield as shown using supplied hardware against the bracket and reinstalling the bolt that was removed in step 9.



**Step 11**  
Install the throttle body adapter onto the throttle body.



**Step 12**  
Install the coupler onto the throttle body. Tighten the clamp on the throttle side and make sure the intake side clamp is installed but left loose.



**Step 13**  
Remove the factory PCV breather line, disconnected in Step 3, which traces to the back of the engine.



**Step 14**  
Install the flex coupler onto the intake tube. Tighten the clamp on the intake tube side and make sure the MAFS side clamp is installed but left loose.



**Step 15**  
Install the intake tube placing the flex coupler onto the MAFS first then placing the other end into the throttle body coupler. Once in place, tighten all clamps.



**Step 16**  
Install the new PCV breather line supplied in the kit. Once in place securely fasten with clamps provided.



**Step 17**  
Reconnect the mass air flow sensor electrical sensor.



**Step 18**

**Remove the oil fill cap then install the engine cover as well the driver side inner fender cover. Reinstall the oil fill cap once the cover has been installed.**

**Step 19**

**Make sure all bolts and clamps are now tight. Reconnect the negative terminal on the battery. Start up the engine and check for any air leaks. Your installation is now complete. Periodically check all clamps and brackets. Enjoy your Spectre Intake System.**