

# SPEED BY SPECTRE®

*The 400mph Company™*

## Intake Installation Instructions

P/N 9913 (red filter) - P/N 9913B (blue filter)

P/N 9913K (black filter) - P/N 9913W (white filter)

### Year/Make/Model/Engine

04-05 Cadillac CTS-V 5.7L

06-07 Cadillac CTS-V 6.0L



#### Parts List

- 1- Heat shield
- 1- Intake tube
- 1- Rubber Seal
- 1- Heat shield Bracket
- 1- 4" Offset Velocity Stack Adaptor
- 1- Air Filter
- 1- 4"-3.5" Coupler
- 1- 4" Ext. 90deg Coupler, Flex
- 3- Hose Clamps 94mm-118mm
- 1- Hose Clamp 78mm-101mm
- 4- M6 x 15mm hex bolts
- 2- M6 Lock Washers
- 1- M6 Lock Nut
- 3- M6 Washers
- 1- Breather hose
- 1- Vacuum Cap

#### Tools Required:

- 5/16" Nut Driver
- Ratchet
- 10mm socket
- 8mm socket
- 100m wrench



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

For cleaning instructions, visit our website –

[www.SpeedBySpectre.com](http://www.SpeedBySpectre.com)

For filter reorders ask at the special order counter of your local parts store or call:

1-909-673-9800

ask for: P/N HPR9886 (red filter)

P/N HPR9886B (blue filter)

P/N HPR9886K (black filter)

P/N HPR9886W (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

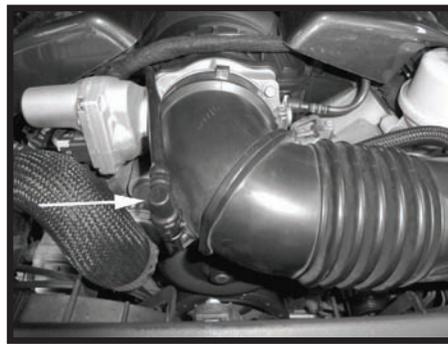
**Safety first! Before you begin the installation, make sure that the vehicle is in park (or neutral for a manual transmission) with the parking brake set. Disconnect the negative battery terminal and verify that all components that are listed are present. Note: This kit was designed and tested on a 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**

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### Step 2

**Loosen the factory clamp on the throttle body and at the Mass Air Flow Sensor (MAFS).**



### Step 3

**Disconnect the crank case vent line from the factory tube ('06-'07 models). Remove the factory tube from the vehicle.**



### Step 4

**Disconnect the MAFS connector and loosen the clamp. Remove the MAFS from the air box. (Note: Take note of the orientation of the MAFS)**

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### Step 5

**Remove the three factory bolts holding the factory air box in place. Remove the air box from the vehicle. For '04-'05 models, skip to Step 9.**



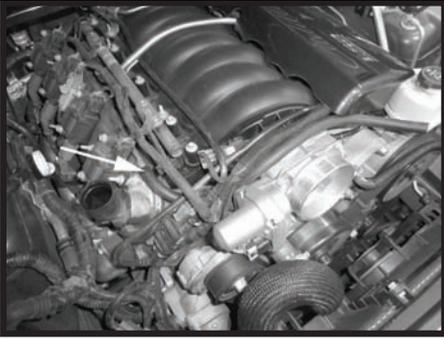
### Step 6

**'06-'07 models only - Remove the oil fill cap then lift and remove the passenger side engine cover.**



### Step 7

**'06-'07 models only - Remove the factory crank case vent line from the vehicle.**



**Step 8**  
'06-'07 models only - Install the new crank case vent hose, routing it over the throttle body. Reinstall the engine cover and install the oil fill cap.



**Step 9**  
Install the rubber bulb seal and the velocity adapter with the supplied hardware on the heat shield as shown.



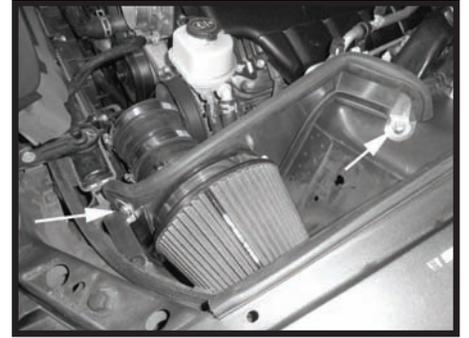
**Step 10**  
Install the 3.5" to 4" coupler on the outlet side of the MAFS. The small arrow on the MAFS must point towards the coupler. Install a second clamp but do not tighten at this time.



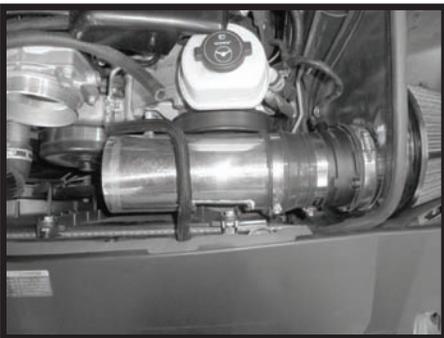
**Step 11**  
Install the MAFS as shown making sure the orientation of the electrical connector is in the 7 o'clock position. Tighten the clamp on the boot. Install the filter and fasten securely.



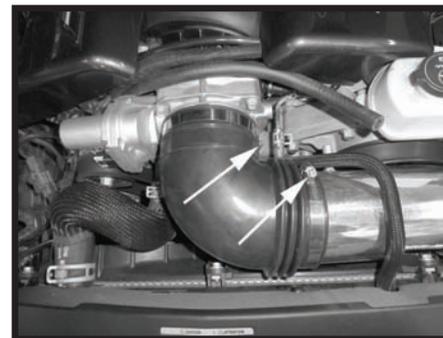
**Step 12**  
Install the heat shield bracket in the vehicle reusing one of the bolts removed in Step 5.



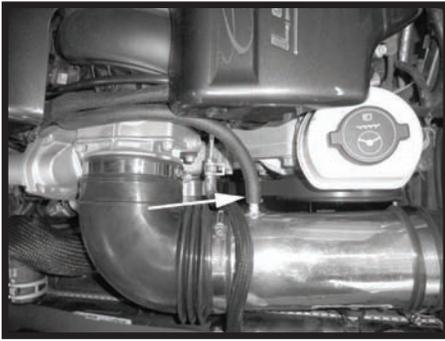
**Step 13**  
Install the heat shield and once in location, fasten securely with the supplied hardware.



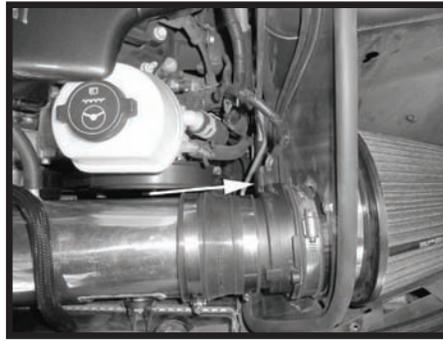
**Step 14**  
Install the new intake tube in location making sure the notch is clearing the fan shroud bracket.



**Step 15**  
Install the flex coupler end over the tube then install the straight end of the coupler over the throttle body and secure the coupler with the supplied clamps.



**Step 16**  
Install the new crank case vent hose to the fitting on the intake tube ('06-'07 models). If your vehicle does not have a crank case vent hose, use the supplied vacuum cap to cap off the fitting ('04-'05 models).



**Step 17**  
Connect the MAFS electrical connector.



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

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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 (909) 673-9800 Monday thru Thursday 6:00am to 4:30pm PST.

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(909) 673-9800

www.SpeedBySpectre.com