

SPEED BY SPECTRE®

The 400mph Company™

Intake Installation Instructions

P/N 9914 (red filter) - P/N 9914B (blue filter)

P/N 9914K (black filter) - P/N 9914W (white filter)

Year/Make/Model/Engine

2009-2011 Cadillac CTS-V 6.2L SC V8



Parts List

- 1-Intake tube
- 1-Rubber seal
- 1-Heat shield
- 1-Heat shield bracket
- 1-Heat shield bracket w/ clip mounting hole
- 1-Engine cover bracket
- 1-Coupler, 4"x 2"
- 1-Coupler, 4" x 3"
- 1-Velocity stack adapter
- 5- 94-118 Clamps
- 1- Air filter
- 2-M4x10mm machine screws
- 6-M6 washers
- 2-M6 Hex nuts
- 1-0-20 Hose Clamp
- 2-M6x15mm Hex bolts
- 1-M6x20mm Hex bolt
- 1-M6x30mm Hex bolt
- 1-Aluminum spacer
- 2-M4x12mm Button Head Allen screw
- 2-M4 Locknut
- 1-Breather hose

Tools Required:

- Ratchet
- 7mm socket or wrench
- 10mm socket
- 10mm combination wrench
- 2.5mm allen wrench
- 5/16" or 8mm nut driver
- 1/4" nut driver
- 8" extension
- T15 Torx bit/driver
- Flat blade screwdriver
- Phillips screwdriver



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

For filter reorders ask at the special order counter of your local parts store or call: 1-909-673-9800

ask for: P/N HPR9892 (red filter)
P/N HPR9892B (blue filter)
P/N HPR9892K (black filter)
P/N HPR9892W (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.



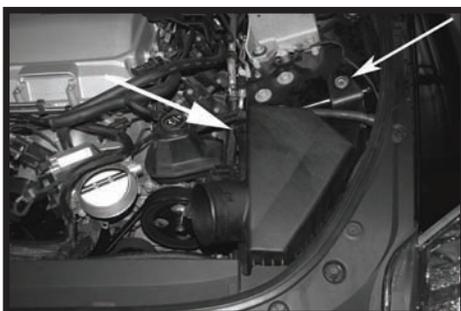
Step 2
Lift and remove engine cover.



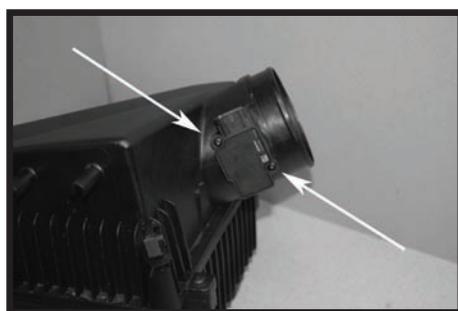
Step 3
Disconnect the PCV breather line from the back of the factory intake tube.



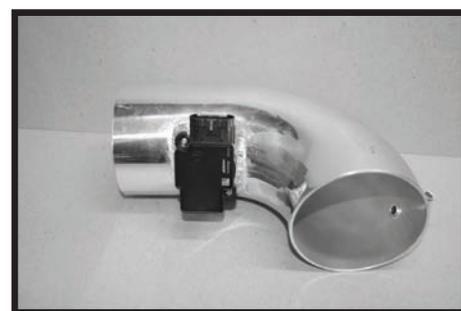
Step 4
Loosen the two clamps at both ends of the intake tube and disconnect the Mass Air Flow Sensor (MAFS) electrical connector. Remove the factory intake tube.



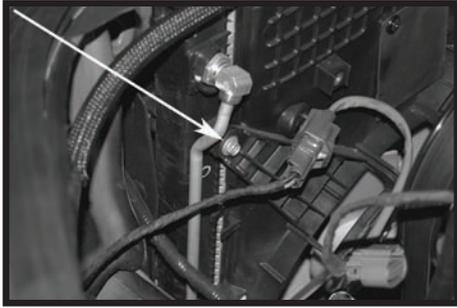
Step 5
Unclip the radiator hose from the clip on the side of the air box. Remove the bolt on the air box and then lift the air box assembly up and out of the engine bay.



Step 6
Remove the two T15 torx screws from the MAFS and remove the sensor from the air cleaner lid.



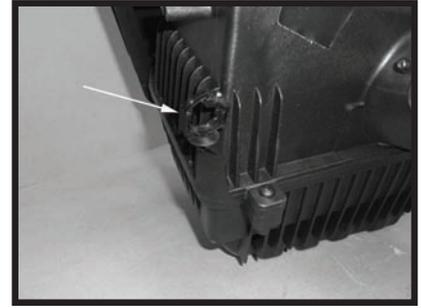
Step 7
Install the MAFS into the aluminum intake tube.



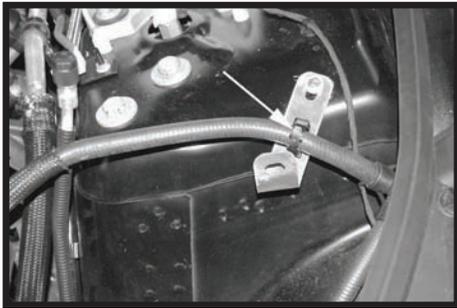
Step 8
Remove the bolt pictured that is supporting the fan shroud.



Step 9
Install the 4" 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 10
Remove the factory hose clip from the factory air box.



Step 11
Install the heat shield bracket as shown in the image. Install the factory hose clip removed from previous step onto bracket as shown.



Step 12
Install the heat shield bracket with the supplied spacer between the heatshield bracket and the fan shroud using the supplied hardware.



Step 13
Install the rubber bulb seal on the heat shield as shown.



Step 14
Install the engine cover bracket to the heat shield using the supplied hardware. Also install the supplied zip tie into the hole in the heat shield.



Step 15
Assemble the air filter with the velocity stack adapter and tighten clamp.



Step 16
Install the heatshield as shown making sure the filter assembly is set in place. **NOTE:** To access the filter, the heat shield will need to be removed. Bolt the heat shield to the brackets with the hardware that was supplied in the kit and attach the zip tie to the cooling line, making sure it is clear from hitting any belts or pulleys.



Step 17

Place the filter assembly in the heat shield and install the coupler secondly, making sure the flex boot is pushed completely against the heat shield. Once the adapter and flex boot are tight against the heatshield, fully tighten the clamp.



Step 18

Install the intake tube into the coupler on the heat shield and then into the coupler on the throttle body. Tighten all clamps.



Step 19

Reconnect the mass air flow sensor electrical sensor.



Step 20

Remove the PCV breather fitting from the back of the factory intake tube.



Step 21

With the supplied small rubber hose, connect the barbed end of the PCV breather fitting to the hose.



Step 22

Connect the assembled hose from step 29 to the aluminum intake tube and the factory PCV breather line.

Step 23

Make sure that all clamps and hardware are fully tightened. Reinstall the engine covers. 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! Your installation is now complete. Periodically check all clamps and brackets.

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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www.SpeedBySpectre.com