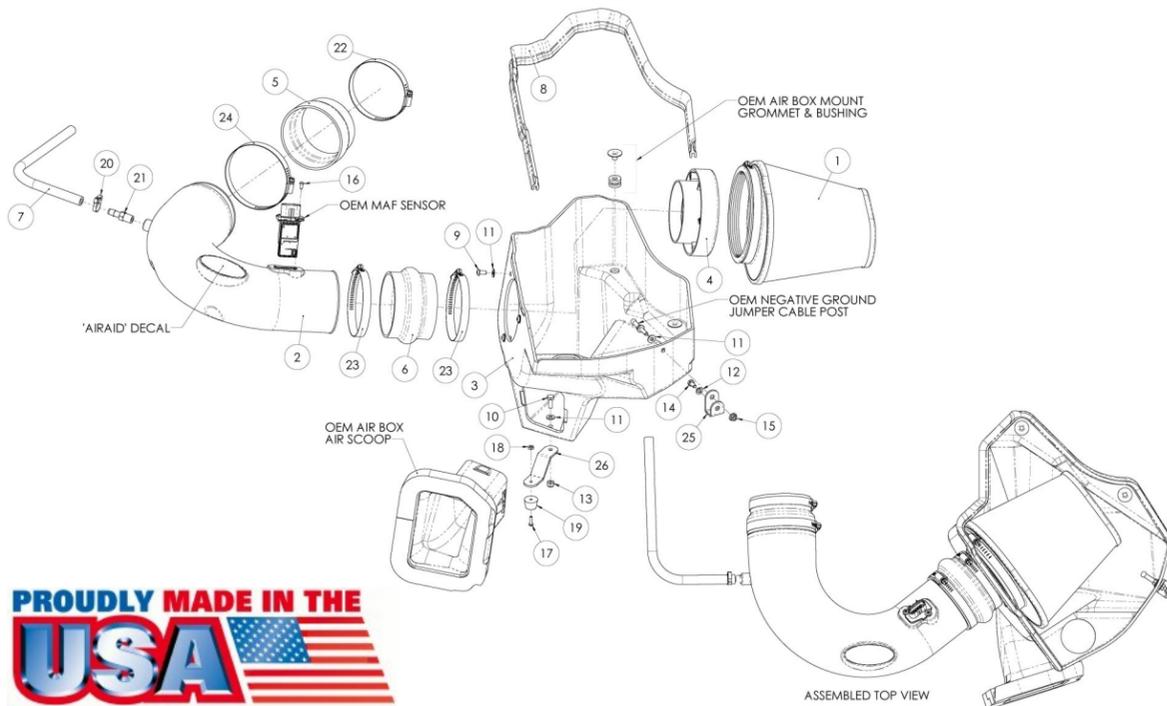




## INTAKE SYSTEMS



## Installation Instructions Part Number 250-243 / 251-243 2010-12 Chevrolet Camaro SS 6.2L V-8

### Packing List:

#1	720-242	Airaid Premium Filter	1
#2	KIT243T	Airaid Intake Tube	1
#3	KIT243CAB	Cold Air box	1
#4	KIT1121MAFADA	Filter Adapter	1
#5	KITRDCR16	Silicone Reducing Coupler	1
#6	KITHUMPS05	Silicone Hump Hose	1
#7	KITHOSE06	3/8" x 18" Breather Hose	1
#8	KITWSTRIP03	Weather Strip 36"	1
	KIT243HP	Hardware & Instructions	1
#9	KIT15DHC3050	1/4-20 x 1/2" Button Head Bolt	3
#10	KIT25C75HCSS	1/4-20 x 3/4" Hex Head Bolt	1
#11	KIT09FWZ019	1/4" Flat Washer	5
#12	KIT09LWZ025	1/4" Lock Washer	1
#13	KIT25CNES	1/4" Nylock Nut	1
#14	KIT60C120HCS	6mm x 12mm Hex Head Bolt	1
#15	KIT60CNFHPZ	6mm Flange Nut	1
#16	KIT15BHC3050	8-32 x 3/8" Button Head Screw	2
#17	KIT10BHC63	8-32 x 5/8" Button Head Screw	1
#18	KIT8CNKEPZ	#8 Kep Nut	1
#19	KITBMP02	Plastic Bumper	1
#20	KITSNP14M4	#14 Speed Clamp	1
#21	KITFITTING01	3/8" x 1/4" NPT Barbed Fitting	1
#22	KITHS60	#60 Hose Clamp	1
#23	KITHS64	#64 Hose Clamp	2
#24	KITHS68	#68 Hose Clamp	1
#25	KIT243SB	Side Bracket	1
#26	KIT243LB	Lower Bracket	1

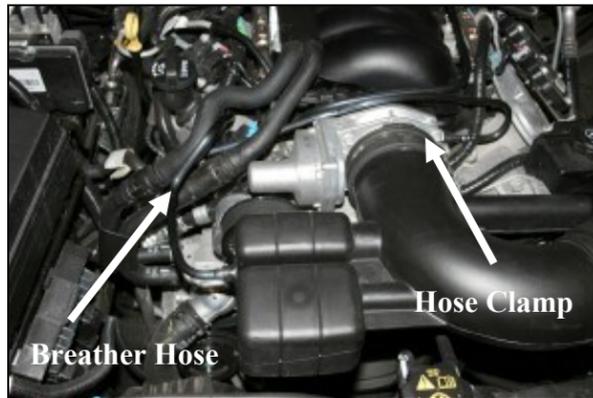
### Tools Required For Installation:

10mm Deep, 9/32", 5/16", 7/16" Sockets  
Ratchet & Extension  
3/32", 5/32" Allen Wrenches  
10mm, 11/32", 7/16", 9/16" End Wrenches



#### 1. Disconnect negative battery cable.

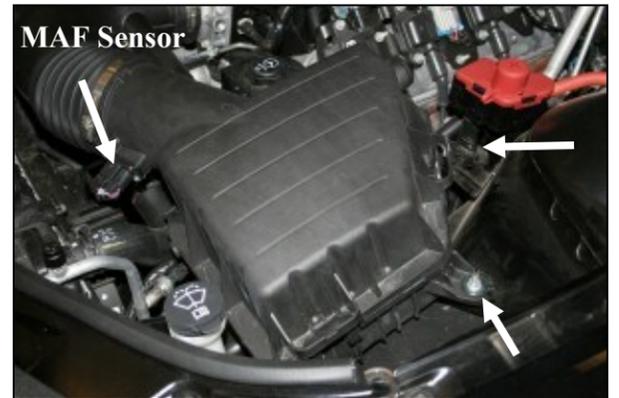
Remove the oil fill cap and then lift up on the front of the engine beauty cover to remove it from the vehicle. Replace the oil cap for now to make sure nothing falls into the crankcase during the install.



Breather Hose

Hose Clamp

2. Pull the crankcase breather hose out of the air intake tube using a firm tug. An O-ring is all that keeps it attached to the tube. Push the small tab on the hard plastic crankcase breather hose on top of the passenger side rocker cover to release it from the steel breather line. Remove it from the vehicle. Next loosen the hose clamp that secures the air intake tube to the throttle body.



MAF Sensor

3. Using a deep 10mm socket, remove and save the two nuts that secure the factory airbox to the fender well. Using a 9/32" wrench or a #20 Torx bit, remove the two screws that secure the Mass Air Flow (MAF) sensor into the air intake tube. Without disconnecting the MAF, carefully remove it from the tube and set it out of the way on top of the engine.



4. Lift the complete air intake assembly straight up and out of the vehicle.



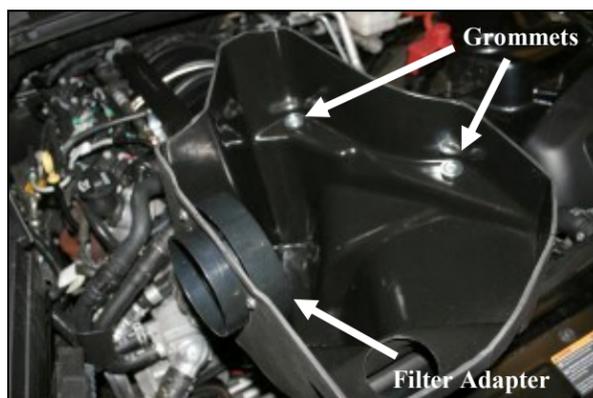
5. Use caution not to lose the factory grommet when you remove the air intake assembly. It will be needed if you ever want to reinstall the factory intake assembly.



6. Squeeze the sides of the factory intake scoop and remove it from the factory airbox. It will be reused in step #10.



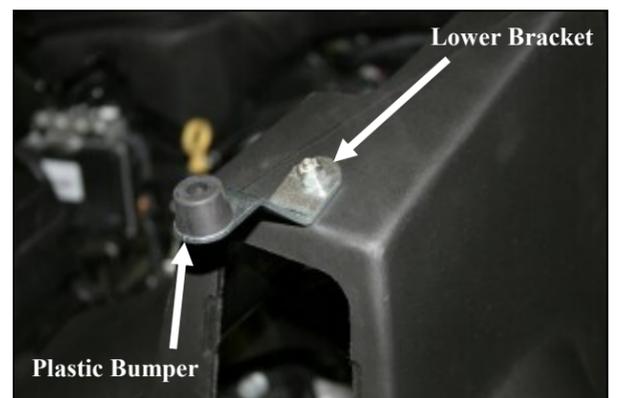
7. Remove the two steel inserts, and grommets from the factory airbox. Save these pieces, they will be reused in step #8.



Grommets

Filter Adapter

8. Reinstall the two steel sleeves and grommets into the Airaid Cold Air Box (CAB) (#3). Next install the filter adapter (#4) into the CAB as shown using three 1/4-20 button head bolts (#9), and 1/4" flat washers (#11). Refer to the line drawing above for details.



Lower Bracket

Plastic Bumper

9. Turn the CAB upside down and mount the lower bracket (#26) to the bottom of the CAD using one 1/4-20x3/4" hex bolt (#10), 1/4" flat washer (#11), and 1/4" Nylock nut (#13) as shown. Next using one 8-32x5/8" button head screw (#17), and one #8 Kep nut (#18), attach the plastic bumper (#19) to the bracket as shown.



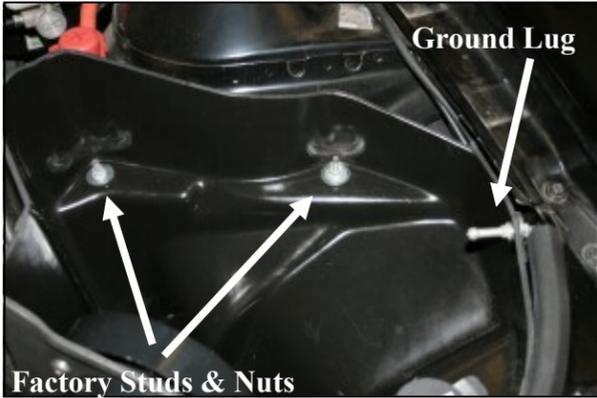
**10.** Reinstall the factory scoop into the Airaid CAB. It will snap into place.



**11.** Using a 10mm wrench, remove and save the ground lug from the driver's side inner fender. It will be reused in step #13.



**12.** Replace the ground lug from step #11 with the side bracket (#25) as shown using one 6mmx12mm hex bolt (#14), and lock washer (#12).



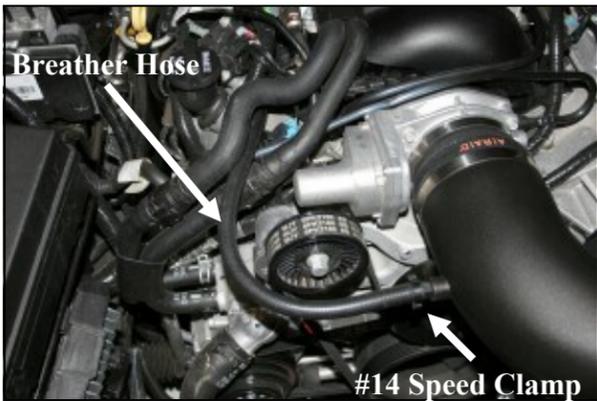
**13.** Install the Airaid CAB assembly into the vehicle locating the factory grommets over the factory studs. Reinstall the factory nuts from step #3 onto the studs. Reinstall the factory ground lug thru the CAB and thru the side bracket using one flat washer (#12), and one 6mm flange nut (#15). Refer to the line drawing on the first page for reference.



**14.** Install the hump hose (#6) onto the filter adapter using two #64 hose clamps (#23). Next install the reducing coupler (#5) with one #60 hose clamp (#22) on the throttlebody and one #68 hose clamp (#24) on the large end.



**15.** Install the Airaid Intake Tube (#2) into the hump hose first, and then into the reducing coupler. Adjust for fit, and tighten all four hose clamps. Next install the MAF sensor into the tube and secure it using two 8-32x3/8" button head screws (#16).



**16.** Install the 3/8x1/4NPT barbed fitting (#21) into the Airaid Intake Tube. Next install the 3/8"x18" breather hose between the barbed fitting and the steel crankcase breather tube on the rocker cover. Refer to step #2. Install one #14 speed clamp (#20) over the breather hose at the barbed fitting as shown.



**17.** Install the Airaid Premium Filter (#1) onto the filter adapter and tighten the clamp. Next install the weather strip onto the top of the CAB. For ease of installation, start the front of the CAB near the radiator and work your way around towards the fender. Reinstall the engine beauty cover and oil fill cap.

### **18. Double check your work!**

Make sure there is no foreign material in the intake path. Make sure all clamps, hoses, bolts, and screws are tight.

**Reconnect the negative battery cable!**

## *Before!*



## *After!*

