



5.7 BigBully CAI Installation Instruction Sheet

Please Read Carefully

Our 5.7 BigBully CAI is designed to fit in the stock air box area. If you have altered this area in any way then it is your responsibility to do a test fitment to confirm it will fit.

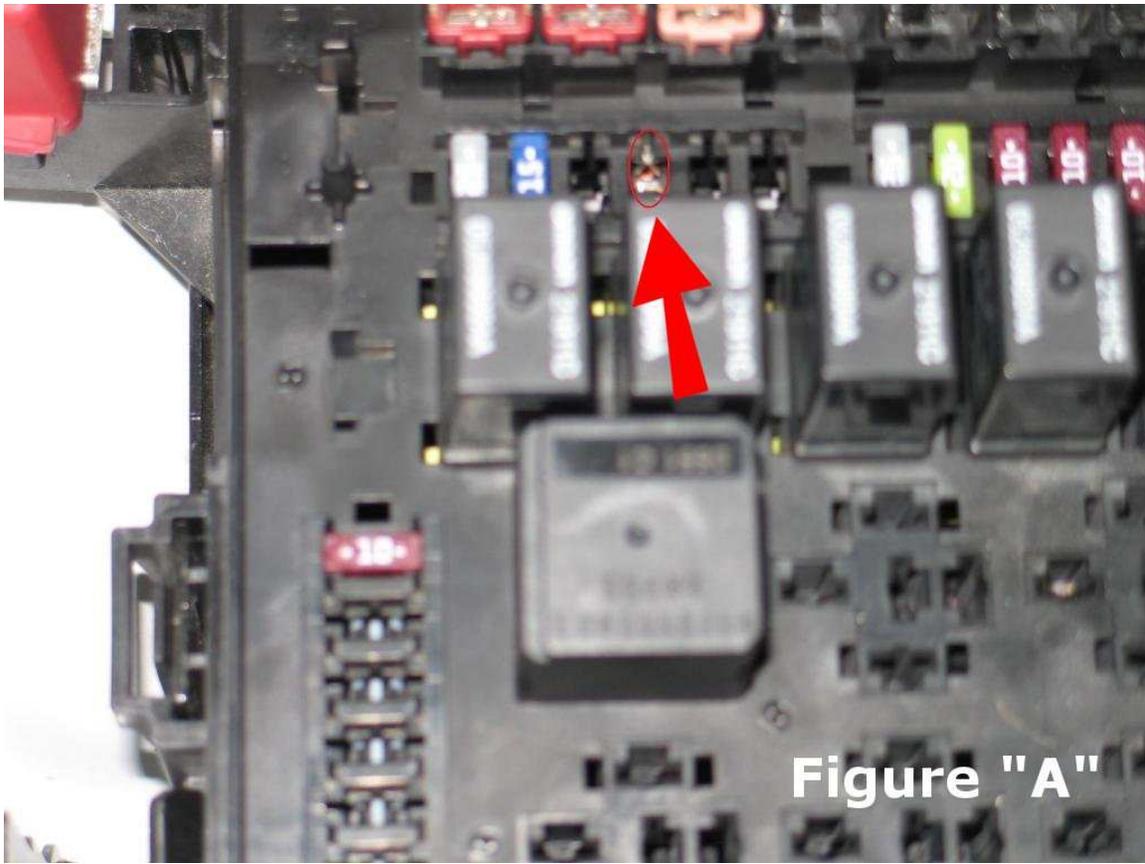
Every model and year will have some little differences therefore we **strongly recommend if you decide to finish your BigBully in a finish other than the powder coat finish that it comes with then prior to prep and paint install your 5.7 BigBully CAI and do a test fitment first.**

Make sure it fits correctly and there no interferences.

Be sure that you have proper clearance on the top, back, sides and bottom and nothing is rubbing.

Removal of the existing CAI system

First remove Fuse #31 from the fuse box (figure "A") to ensure once the CAI goes on the computer will reset and adjust to the new CAI. You don't have to do this but we recommend it.



Pull off the factory engine cover. Just pull up and it should pop right off.

Once the engine cover is removed you will see the entire factory cold air intake system.

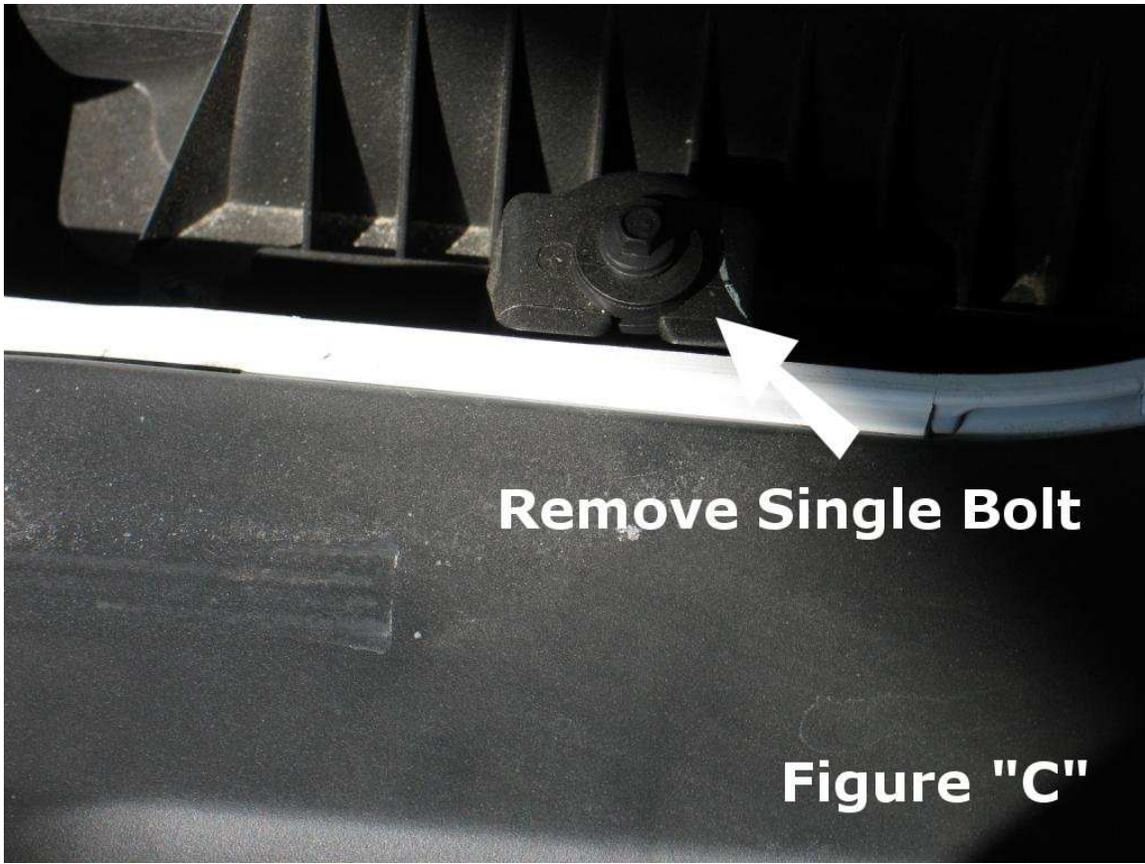
Where the factory intake system connects to the front of the engine is the throttle body area.

Gently unplug the IAT sensor wiring harness. There is a lever that must be lifted up just enough so the lever can clear a tab of plastic. The tab is on the intake and not the sensor. The lever is on the sensor. Lift the lever and twist counter clockwise and clear the tab. Then pull out the IAT sensor. Be careful not to damage this sensor it is fragile see (figures "B" and "G").



Next unscrew the clamp on the tube at the throttle body and remove the single bolt holding the airbox to the engine compartment as shown in (figure "C").

Then detach the hose from the air box to the crankcase. You can use this same hose or rig your own configuration to attach the crankcase breather filter.



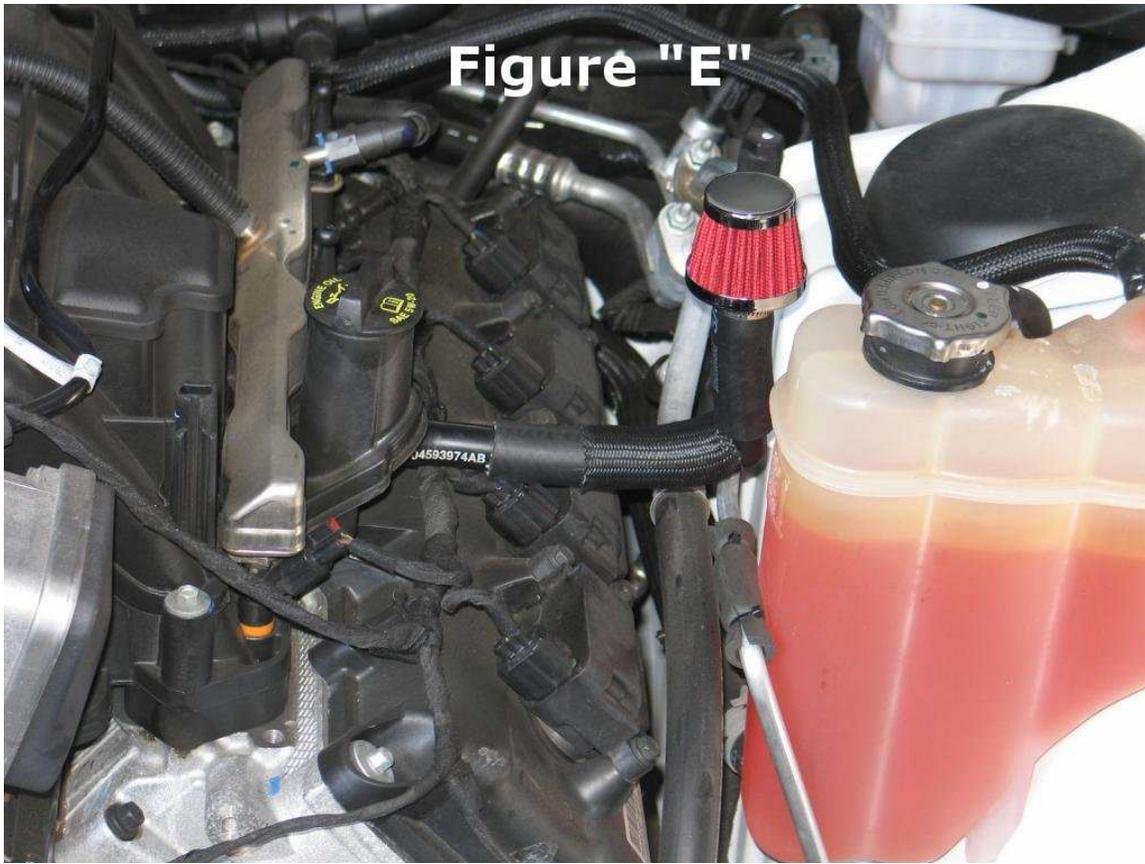
Gently pull out the entire factory assembly. Here is what it looks like when taken out as shown in (figure "D").

Figure "D"



Installation of the 5.7 BigBully CAI

The hose from the air box to the crankcase can be used to fit your own configuration to attach the crankcase breather filter as shown in (figure "E"). If you are going to use your factory engine cover make sure there is enough hose to clear the cover once it's installed again.



Remove the BigBully cold air intake from the shipping box and assemble it before you start the installation. Slide the air filter onto the curved end of the tube and tighten it loose. Do not over tighten yet so you can move or rotate the tube into its final position. Next install the 4" to 3-1/2" silicone adaptor fitting to the cold air intake tube as well as both 4" CAI tube clamp and 3-1/2" throttle body clamp (Large opening for the BigBully and the smaller opening for the throttle body). Orientate them as shown in Figure "F" and clamp loose do not over tighten yet so you can move or rotate the tube into its final position. Clamp loose the 4" CAI tube clamp directly on the BigBully CAI tube. Now start the fitting process onto the throttle body. This is a very tight fit so please make sure it is seated all the way and fully on the throttle body. (The use of a small amount of mild dish soap can be applied onto the silicone adaptor to make the fitting process much easier).

Once fully seated on the throttle body, clamp loose the 3-1/2" throttle body clamp.

Figure "F"



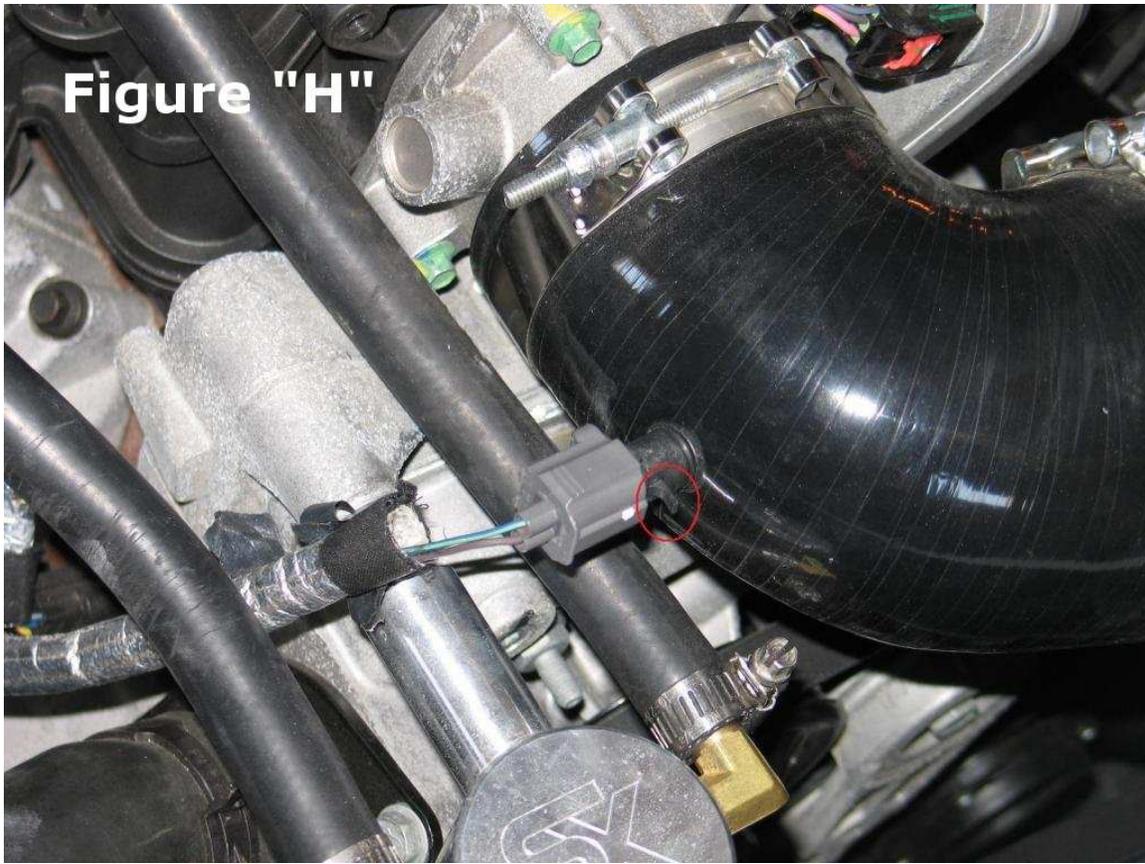
Next line up the mounting bracket on the cold air intake tube with the mount on the engine. Insert the provided M8x125x5/8" stainless steel bolt and 5/8" stainless steel washer as shown in (figure "G").



Use an Allen wrench to tighten the bolt. (Don't forget the washer). Tighten loose do not over tighten yet so you can move or rotate the tube into its final position

Now that you have everything installed go ahead and make final adjustments so everything looks and fits good and there is no rubbing and when you are happy with the fit then go ahead and tighten both clamps, the support bracket bolt and the filter clamp.

You can now re-install the IAT sensor and wiring harness by lightly pushing and twisting it into the hole on the silicone adapter as shown in (figure "H"). Be careful not to damage this sensor it is fragile.



Check your install....make sure the bolt is tight....make sure the hose clamps are tight and that everything is seated properly.

Now replace fuse #31.

Last re-install your engine cover.

Here's the finished product....fully installed.



The following was included in the shipping container

- (1) 3GCUSTOMZ 5.7 BigBully CAI
- (1) Air Filter with Clamp
- (1) Crankcase Breather Filter with Clamp
- (1) 4" to 3-1/2" Silicone adaptor fitting
- (1) 3-1/2" throttle body clamp
- (1) 4" CAI tube clamp
- (1) M8x125x5/8" Stainless Steel bolt
- (1) 5/8" Stainless Steel washer
- (1) Instruction/installation sheet