

Basic LT1 Intake Options

These are some intake options for the LT1 engines found in the 1994-1996 B-body wagons.

Some of these intake options require a conversion from the mechanical clutch fan to the dual electric fans. Information on this conversion can be found in the "Mod" section of www.longroof.info

“Hockey Puck”

This is a pretty simple mod that allows you to bypass the homeplate (large resonator on top of the engine) You simply get a hockey puck...pop it into the rubber elbow...secure it tightly...and you are done.

Not a huge “seat of the pants” improvement, but it will make your engine sound more powerful. Lol I also kept the look of the homeplate by grinding down the plastic nipple that once went into the intake elbow. This allowed the plate to sit flush on the hockey puck. Most people just discard the homeplate.



An alternative to the hockey puck is to find or buy a LT1 “F-Body” (Camaro/Firebird) elbow. It does not have the hole for home plate. These are not cheap though.



“Sewer Pipe”

Another DIY intake that can add some more flow to your air intake. (ditching 1st base) You simply go to Lowes or HDepot and buy a 3in piece of PVC pipe. You will also need a 3in rubber connector and 2 clamps.

Some people get all-fancy with 45degree angles...you can if you want. I stuck to the basic idea. You can see from my pic that this intake can be used with the mechanical fan. I did notch out the areas on the rubber connector to allow the MAF to seat securely.

Since I went with the straight pipe design, I had to angle the air filter box. To do this you need to unscrew the top portion from the inner fender (you need a torx head) and then “pop” the airbox out of the rubber grommets that hold the bottom. (Which is actually the top cover for the PCM) You can then angle the box and pop the box into one grommet. This still holds the box very securely. I had no issues.

I covered the hole on the inner fender with my snazzy new K&N sticker. To make the sewer pipe NOT look like a sewer pipe, I used a can of rubberized undercoating. Gave it a nice OEM look. You can also use crinkle paint as well.



“Swiss Cheese Airbox”

Simple idea...you drill holes into your airbox to allow more air to flow in. I drilled holes in the front, bottom and driver's side. I did not drill any on the passenger side, as I wanted to avoid sucking up the hotter engine air. I purchased a K&N air filter too.



"K&N 57-3011"

A nice cold air kit from K&N. Try to pick up a used one on EBay if you can. Or better yet...try to make your own version! You know how to make the straight section from 3in PVC pipe! You can go to Pep Boys and buy a filter in the Ricer section ☺ Vroom vroom.

This picture is from my friend Frank's wagon.

<http://www.cardomain.com/ride/684602>



You can get similar intakes on EBay as well...they just don't have the seal around the filter...you could try to fab up your own seal...



“SSRI and RAISS”

Two aftermarket intakes commonly used. You MUST have the dual electric fans for these.

<http://www.clearimageautomotive.com/Products/Engine/SSRI.htm>

<http://www.impalaperformance.com/>

Pretty straightforward to install. I have used the SSRI on a couple of my wagons with great results. If you have the money, try it! If you have the skills...build your own version. If you decide to build an intake where the filter is in front of the throttle body...you will need to relocate the MAF (mass airflow sensor). You will notice that the plug is not quite long enough. Here is a place where you can buy an extension for the MAF plug. If you buy one of the readymade intakes listed above, it will come with the MAF extension.

<http://www.innovativewiring.com/ChevyProductPage2/ChevyCarsPage2/ChevyImpalaPage.htm#>



My old wagon below is pictured with the SSRI and Airforce II Deflector. This takes the place of the upper radiator shroud. Helps to funnel air into the intake...but also collects lots of bugs on a long trip.

<http://www.clearimageautomotive.com/Products/Engine/ColdAirIntakes.htm>



Here we have Gerry's 95 Wagon with his version of the RAISS intake.
<http://www.cardomain.com/ride/221119%5C>



“RAMIT”

This is an intake that sucks the air from under your car. You make a hole in the lower air dam for the air intake to fit....just be careful when you park...or you will end up crushing/cracking the intake tubes. Lol

<http://www.impalasuperstore.com/naisso/superstore40/shopexd.asp?id=362>

