

Thanks for purchasing a Stephenson Speed Shop Bazooka Mouth Tomos A55 Velocity Stack! This is a direct replacement for the stock carb-to-airbox adapter that increases horsepower, rpm range, and throttle response. This install will require a minimum of mechanical understanding but no other bike modifications beyond the carb settings.

The suggested carb setting assumes the airbox is unmodified and still has the air filter inserted. If the airbox has been modified by adding holes or opening up the 15mm inlet, then the settings may not work and will need to be changed to increase the fuel amount.

This works perfect for a stock bike but works even better with the 17.5mm PHVA upgrade, a decent pipe (Treats Black Pipe, Techno Estoril, ect.), and 26:22 gearing. The jetting suggestions are the same if the bike has oil injection or not. This list will work on \*most\* bikes with no issue but Tomos bikes were not very consistent in their build quality so your specific bike may be different so understand this is a starting point if the bike does not run perfectly. The air fuel screw should be 1-2.5 turns out from bottomed out, and idle works best at 1700-1900 rpms.

Setup	Idle Jet	Main Jet	Slide	Needle	Clip From Top
All Stock	25	55	40	A7	3rd
Stock carb, Stock pipe, Bazooka Mouth	25	58	30	A12	3rd
Stock carb, Performance Pipe, Bazooka Mouth	25	60	30	A12	3rd
17.5mm Carb, Performance Pipe, Bazooka Mouth	25	68	30	A12	4th

\*NOTE\* If you upgrade to the 17.5mm PHVA it is a direct bolt on but you will have to block off the vacuum port and sort the oil injector port for your application. You can run the oil injector with the larger carb and I do that on my own bike and have done so for over a year. The slide is different between the two carbs so be sure to get the right part, while the other parts will swap over.

This will also work with the Aircal 70cc kit but not enough testing has been done with that setup. If you are using it, start with the above settings and then increase the main jet by about 10-15 points. It will be up to you to do fine tuning.

I am always looking for feedback to add to the research so please send me your final jetting and bike settings so that I can use it to help others. You can e-mail me at [srsblastersonly@gmail.com](mailto:srsblastersonly@gmail.com)

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