

Instructions for Rebuilding Carburetors

On a Polaris Watercraft.



These are the tools needed for carburetor rebuild. You will also need a Service Manual and a pop-off pressure gauge tester.



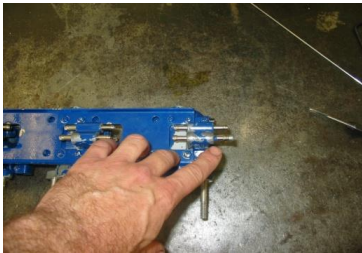
Install the new fuel lines and make 20" tails to be cut to fit later. The fuel line (in) is now fed between the carbs instead of the PTO carb #3 for even delivery.



Tap the (in) fitting 5MM x .8. The fuel (in) line will be plugged with a 5 x 8 Allen head bolt using locktite on the threads.



After the carb bodies are clean, test the pop-off pressure, close the return and other input. The needle will pop open, read the pressure gauge. You can use water on the needle to help you see it pop, if there is a leak. The difference should be no more than 1lb. each.



Remove the check valve and lap the on 400 wet, dry paper, Reinstall check valve.



Remove fuel rail plate and clean fuel filters. Inspect o-rings and replace if needed.



Dry carbs when you are done with pressurizing the airflow. Spray the inside with W-D40. Your carbs should look like this before reassembly.



Reinstall the fuel rail plate, loosely and use the flame arrester base to align the carbs. Tighten the fuel rail screws.



Replace the original fuel pump with a dual output pump. This picture is of a Mikuni Fuel Pump Dual, Round.

WARNING

When cleaning the carbs, **DO NOT DIP THEM!** Use carb cleaner spray, **ONLY.** Dipping them will damage the shaft seals.
