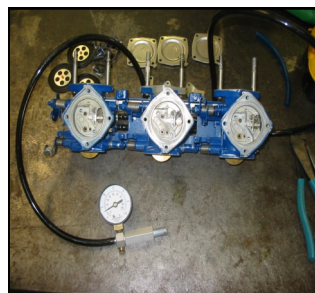


# Instructions for Rebuilding Carburetors on a Polaris Watercraft



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



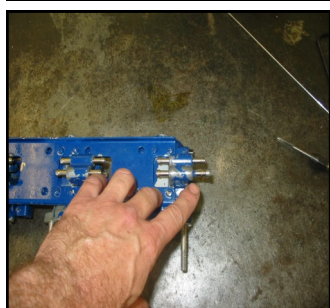
After the carb bodies are clean, test the pop-off pressure as shown. Pump pressure, close the return and other input. The needle will pop open, read the pressure gauge. You can use water on the needle to help you see it pop, if there is a leak. The difference should be no more than 1 pound.



Tap the (in) fitting 5MM X .8. The fuel in-line will be plugged with a 5 X .8 allen head bolt using lock-tite on the threads.



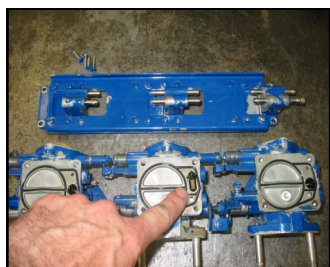
Remove the check valve and lap the plate on 400 wet dry paper. Re-install check valve.



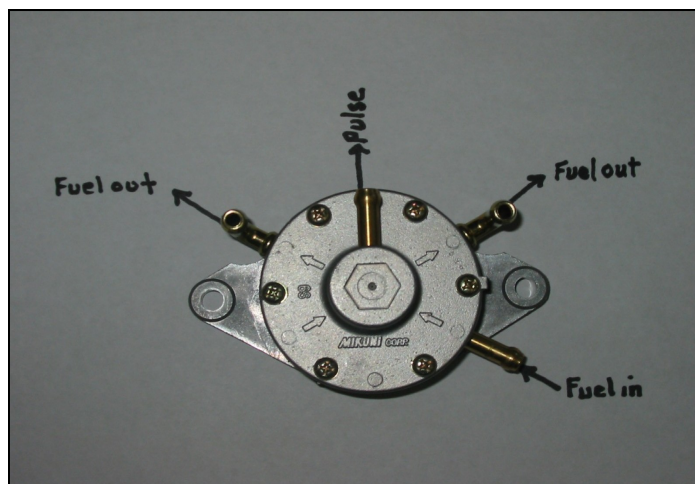
Remove fuel rail plate and or clean fuel filters. Inspect orings and replace if needed.



Dry carbs when you are done with pressurizing the airflow. Spray the inside with W-D 40, Carbs should look like this before reassembling.

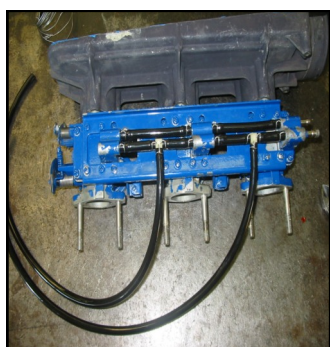


Re-install the fuel rail plate, loosely and use the flame arrestor base to align the carbs. Tighten the fuel rail screws.



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.

Replace original fuel pump with a dual output pump.



When cleaning the carbs, do not dip them, use spray cleaner, only. Dipping them will damage the shaft seals.