

FREQUENTLY ASKED QUESTIONS YAMAHA 701 WAVERAIDER (FIN701WR01)

Q. Where should I set my headpipe screws for the best performance?

A. The 701 Waveraider should give the best performance with the bottom screw open 1/2 - 3/4 turn and the other two closed. Feel free to experiment with the screws for your particular application. You may use any combination of the three screws as long as one screw remains 1/2 turn open. **DO NOT COMPLETELY CLOSE ALL THREE SCREWS.**

Q. After installing the pipe I do not notice a big difference in the performance of my watercraft.

A. There are several items to check for lack of performance: **1.** Double check all hoses, clamps & bolts used in the installation and look for signs of any exhaust or water leaks. **2.** Make sure the proper carb adjustments have been made as per the instructions. Remember, because of the number of variables involved, these carb settings are only a starting point. Your particular craft may require different settings for optimum performance. **3.** Check the pipe temperature. Too much water being injected will cause a lack of performance. Run the craft hard for a few minutes and remove the engine cover as quick as possible. Drip some water on the chamber body after the blue 4" coupler. The water should slightly sizzle for best performance. If not, close the injection screw 1/8 turn and retest. If the water instantly steams hard, open the screw 1/4 turn and retest.

Q. My headpipe screws are stuck and will not turn.

A. The screws are lubricated prior to shipping and, as per the instructions, must be relubricated on a regular basis as part of your watercraft maintenance. You can try using penetrating oil and/or slightly heating the headpipe to remove the screw.

Q. Are any other modifications required to make the pipe work?

A. No, the only modification we highly recommend is aftermarket flame arrestors but they are not required.

Q. Do you have any recommendations for props, heads, ride plates, etc to work with your pipe?

A. We recommend the Solas I or a stock Waveblaster impeller. Both of these work very well on the Raider with or without our pipe.

Q. The pipe is performing well but my heat sensor keeps kicking in?

A. We have heard of this problem from several Raider riders. After a little investigation we found that Yamaha put an extremely low temp sensor (compared to the other 701 engines) in the Raider for no real reason. Through all of our testing we experienced no problems with the cylinder head temperature while running the Factory Pipe. There are two options to fix this problem: 1. Purchase a sensor for another 701 engine (about \$80) 2. Disconnect the sensor.