



REICHARD'S Performance Center

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#4442 V-MAX 4 QUAD TRAIL PORTING INSTALLATION INSTRUCTIONS

1. Reassemble engine being certain to properly clean everything. Thoroughly wash cylinders, heads, and pistons in hot soapy water, then rinse completely in hot water. Immediately dry, then lubricate pistons, rings, and cylinders thoroughly with your 2 cycle oil. Piston rings should always be replaced. The 1992 engine should use the stock 1992 head gaskets, and the 1993-94 engines should use their proper gasket. The heads have been machined to allow for using each machines proper gaskets to eliminate confusion of which gasket to use. The 1992 machine must use the stock factory 1993 pistons. The porting has been designed and tested using this piston. **Warning! Do NOT modify the boost port hole in the V-Max piston. Doing this will cause eventual piston failure with serious engine damage!**
2. Pre-mix your first tank of fuel 50-1 with Yamalube 2 cycle oil for proper break in. Do not put oil in the fuel after the first tank of fuel. Do not start engine until fuel in tank is pre-mixed first.
3. Carb sync must be properly set. Use of the #1070 sync gauge is highly recommended for proper adjustment. Carburetor jetting specs are supplied with the RPC quad pipes.
4. Use unleaded premium fuel 92 octane minimum.
5. This porting package has been extensively tested and developed using our #4934 Stealth Quad Pipes. Using any other type or brand of exhaust pipe will cause a substantial performance loss and possible engine damage.
9. Your clutches must be retuned for optimum performance. Our quad pipes have instructions both clutch tuning and jetting.

CAUTION: To avoid engine damage, absolutely no internal engine or carb modifications are encouraged other than what is recommended by Reichard's Performance Center.