

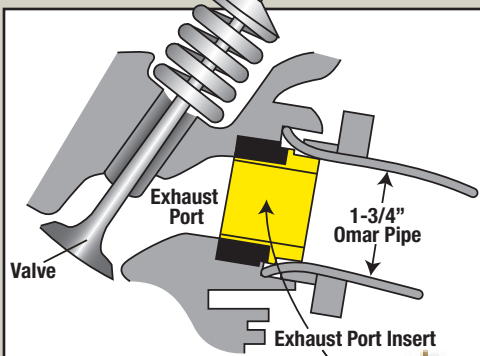
New XtremeXhaust Optimizer™

Revolutionary kit turns a 650 Yamaha with Omar exhausts into a fire breathing monster.

- **Increases acceleration-engine screams to red line**
- **More power and torque throughout power band**
- **Crisper and smoother throttle response**

Basic principle behind this exhaust insert kit

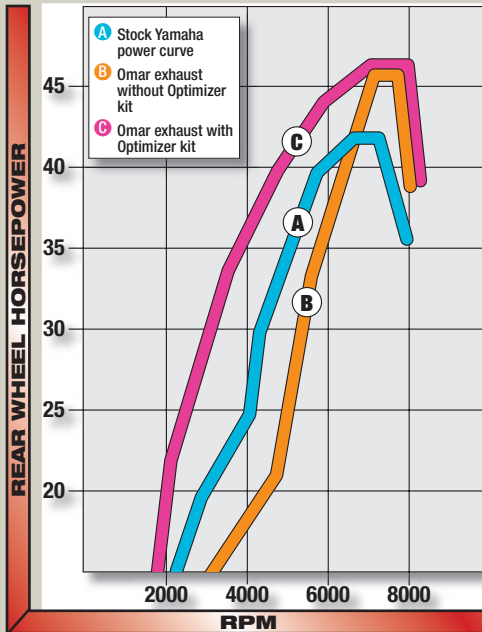
My exhaust pipes use proven racing technology 1-3/4" diameter pipes. The stock Yamaha pipes were only 1.15" ID. My pipes improve flow by about 200% over stock for increased top end horsepower. The XtremeXhaust Optimizer™ kit fattens out the power band with a bunch more power and torque over the entire useable RPM band but the biggest gains are in mid and low range.



- Sleeve of Exhaust Port Optimizer bridges the gap (black area) between pipe and port thus minimizes heat exposure to the head, allowing the engine to run cooler for more power
- Narrower diameter inserts blocks some of the returning back pressure wave, contributing to more efficient exhaust flow through

Exhaust Port Optimizer

These EPO inserts fit between the head and exhaust pipe. The sleeved portion of the insert reaches into the port and "fools" the exhaust port into improving valve flow. It also reduces cylinder head heat retention by filling the back-pressure gap (black area) previously filled by narrow stock pipe. A cooler head and hotter exhaust gases make more power. After an exhaust valve opens, the exhaust pressure wave rushes down the pipe, hits the end of the pipe, then turns right around and pulses back toward the cylinder. These narrow diameter port inserts minimize some of that reversion wave in anticipation of the next outward wave. This improves low and mid range carburetion efficiency. You will find carb tuning for maximum output is much more precise. This insert works wonders with stock engines but it is highly effective with tight lobe center acceleration cams in high performance engines. They "bolt-in" as you tighten pipe flange.



Guaranteed Results of the XtremeXhaust Optimizer™ kit

These are not actual dyno readings but represent trends we know to be true but cannot prove at this time because we have not been able to get dyno time. I guarantee the XtremeXhaust Optimizer kit-if you are not satisfied with the increased performance, you'll get a 100% refund of the \$185 purchase price-providing your engine is in a proper state of tune. When dyno results are available they will be shared on line and via mail.

No your Optimizers will not come all dressed up with stickers and paint-they are exhaust inserts after all. I could not make literature with ugly looking raw metal parts. So now you know I'm one of those felonious hucksters.

New XtremeXhaust Optimizer™

Kit -\$185

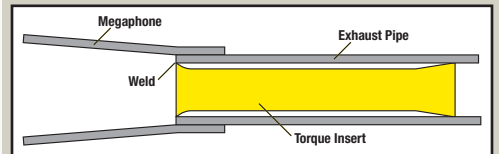
- Two exhaust port optimizers
- Two torque peak optimizers

Option-\$2.00

- Two exhaust gaskets (This price with kit only)



- **Pipes sound deeper, more throaty**
- **Provides maximum results from carb tuning**
- **Smoother idle**

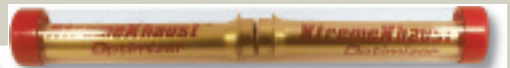


Torque Peak Optimizer

This TPO insert is tack welded into the back end of the pipe, ahead of the megaphone. It is narrower than my pipe and its vortex principle helps accelerate the exhaust flow. The dimensions of the inserts are designed to create the torque peak for the 650 Yamaha engine. Your engine will pull like a freight train even with my silenced megaphones. This Torque Peak Optimizer is a terror on big bore engines.

Warnings

One-This will be hard to hear. The power increase from this kit is so significant that it will reveal quickly a sub standard clutch. Yours may start to slip with this kit. The only remedy is to buy new clutch parts. Hey, power has its price. You are happily warned. **Two**-The torque inserts slide easily into the rear end of my 1/2 mile pipes and are welded into place. But my mile pipes have bends at the exit. This means the long tapered end of the torque insert has to be ground to fit-this will not effect the power increase.



Horsepower in a Tube

Guarantee

How good can this kit be? Here's what you do. 1) Go run your properly jetted 650 Yamaha with stock pipes. Measure the performance by any standard you want. 2) Then run the same bike with my properly tuned pipes and record the results. 3) Now install this performance kit in your Omar pipes and repeat your test. If you are not entirely impressed with the increased power from steps 1 thru 3 or 2 and 3, I will return the \$185 kit cost to you after you return the properly installed optimizer inserts. Note-if you blow your engine up or encounter some other catastrophe due to factors beyond using my product-that's not covered by my guarantee!

Thanks for your trust, Phil Little

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