

**YFZ-450**



# **Toomey Racing USA**

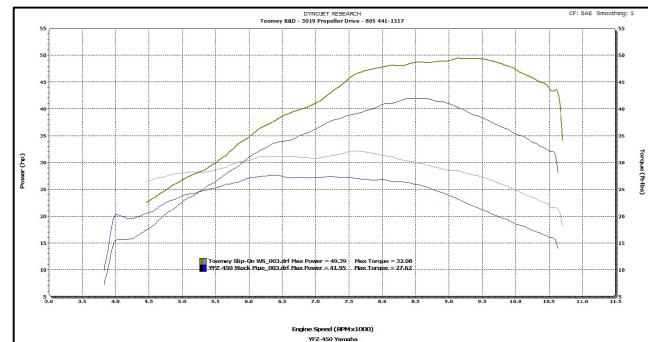
## **High-Performance Racing**

# **YFZ-450 Slip-On**

**Thank you for your confidence in Toomey Racing USA!**

We endeavor to produce products of the highest quality, mechanical beauty and simplest design for best functionality. We hope you will be very satisfied with your purchase from Toomey Racing.

If for any reason you are not, we want to hear about it, so please let us know! Some of the best ideas come from customers! Contact our engineers directly by email at [tech@toomey.com](mailto:tech@toomey.com)



*This new YFZ-450 Slip-On Silencer Kit is the result of many hours of research and development by our highly trained and knowledgeable Toomey Racing USA engineers. Each pipe is hand crafted by our talented in-house craftsmen and women. It is truly a TEAM effort, of which we are all very proud. In keeping with the Toomey Racing USA tradition, this pipe kit is the highest power, finest quality, nicest looking, best fitting YFZ Slip-On kit on the market.*

*This YFZ-Slip-On Silencer kit produces 6.7 more horsepower than the stock pipe, at the stock power peak of 8500 rpm, and 10.67 more horsepower with a new wider powerband, and increased rpm range peak at 9500 rpm, (on a standard engine). As you can see on the dyno chart, the YFZ Kit also produces more power over a much wider rpm range, everywhere in the powerband*

*In addition to the power advantage, you will also realize a weight savings advantage of over 5 pounds over the stock silencer! That is more than HALF the weight of the stock system! This Slip-On Pipe kit fits ALL YEAR MODELS YFZ-450*

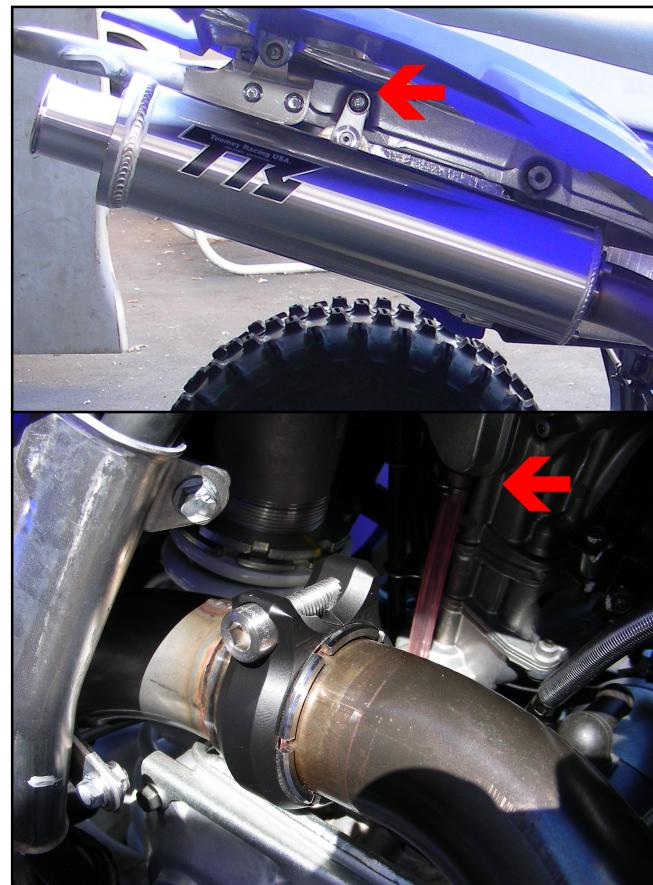
### **Installation Procedure:**

*To install this pipe kit, you will need the following tools:*

- *10mm socket wrench for the forward slip-over pipe clamp*
- *12mm socket wrench for the rear silencer mounts*
- *5mm Allen Wrench for the silencer brackets*
- *17mm box end wrench for the Main Jet access cap on the bottom of the carb.*
- *6mm wrench or socket to change the main jet*
- *#2 Phillips Screwdriver to loosen the carb clamps*
- *4mm Allen wrench for the forward carb clamp*

*Using the 10mm socket, loosen the clamp midway along the pipe above the footrest. With the 12mm socket, remove the two 8mm bolts holding the Silencer to the frame above the muffler. Slip the stock pipe off, (you may want to keep it in the box in which came our Slip-On pipe for protection in storage.)*

*Your new Toomey Racing YFZ-450 Slip-On pipe comes loosely assembled in the pipe to muffler joint. Holding it by the silencer, slip the forward pipe flange end through the frame, and over the headpipe, rotating it back and forth until it seats fully.*



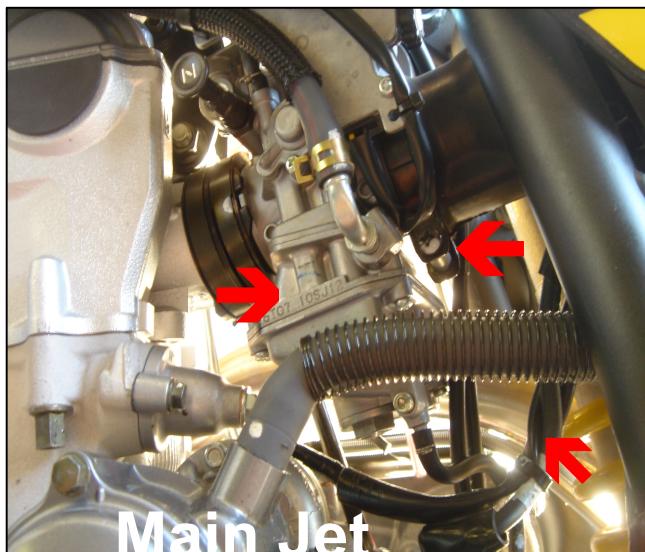
*Locate the top mounting bracket on the silencer body, and swing it up 90 degrees from the silencer. Using one of the stock silencer mounting bolts, run this bolt in the silencer mount and into the frame finger tight.*

*Now, (unique to Toomey Racing's pipe), you have the ability to insure your own perfect fit, because we allow rotational movement about the pipe to silencer mounting flange.*

*Rotate the pipe section until the clearance between frame and airbox and all angles work best for your bike, then tighten the three 6mm Stainless Steel Allen bolts to 1.0kgM (9ft-lbs.)*

*Next, tighten the mounting bolt on top of the silencer, to 1.5kgM.*

*Then, with your 6mm Allen wrench, tighten the Stainless Steel Allen bolt in the aluminum machined billet headpipe clamp until it is a snug fit on the headpipe.*



## **Carburetor Jetting:**

### **MAIN JET CHANGE:**

*Using the Phillips screw driver, loosen the Airbox boot clamp at the back of the carb, and using the 4mm Allen, the forward clamp on the rubber intake manifold of the engine.*

*Now you can rotate the carb to expose the 17mm-Hex, Main Jet Access Cap on the bottom of the carb. Remove the cap.*



*The Main Jet will be exposed in the center of this hole. The Main Jet is the brass hex-shaped jet right in the middle of the hole. Using a 6mm wrench or socket, remove the Main jet and replace it with the included #180 Main Jet we supply.*

*Be sensitive to the torque of this jet, it is soft brass and needs to be only hand tight.*

**Replace the access cap on the float bowl and rotate the carb back to its original position in the manifold, and air boot, making sure the boot fits all the way around the carb inlet mouth.**

**Tighten the air boot and manifold clamps.**

**Check the routing and connections of the fuel line, and all drain and cable connections and exercise the throttle to make sure of proper operation, before starting.**

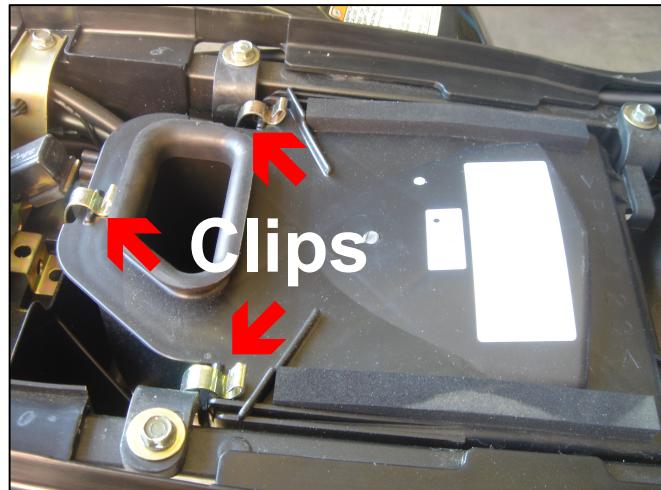
## **Remove the Airbox Lid:**

**Pop off the clips that hold the airbox lid on, and remove the lid for proper breathing.**

**If you are in severe dust or sand conditions, you may want to use an Outerwear Pre-Filter over this filter, but you really don't need the lid, and it will not carburet properly with it on, power will be down.**

**Re-Install the seat, and....**

**You are DONE!**



**From all of us at Toomey Racing USA.... ***Thank you!*****

**If for any reason you wish to discuss matters concerning your YFZ-450 Slip-On Pipe Kit, please direct them to Technical Service (805) 239-8870 or email at [tech@toomey.com](mailto:tech@toomey.com) we are deeply interested in your assessment and satisfaction, and as always are open to suggestions! We usually answer your question in less than an hour. Be sure to visit our website for more products and information including the latest technical documents relating to your Toomey Racing products at:**

**[www.toomey.com](http://www.toomey.com)**

***Thank You from all of us at  
Toomey Racing USA,  
...and please ride safely!***

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# **\* Warranty Limitations \***

**Read and understand!**

*Toomey Racing USA, Inc. (Toomey) warrants only to the original purchaser the equipment purchased is free from defects in material and workmanship under normal use and service. Components of the equipment are supplied to Toomey by others and Toomey warrants such components to the purchaser only to the extent that such components are warranted to Toomey by the supplier. Toomey's obligation under this warranty shall be limited to the repair or exchange of any part or parts which may thus prove defective under normal use and service within one year from date of the invoice and which Toomey's examination shall disclose to Toomey's satisfaction to be thus defective. This warranty is expressly in lieu of all other warranties expressed or implied and of all other obligations or liabilities on our part, and Toomey neither assumes, nor authorizes any other person to assume for Toomey any other liability in connection with the sale of this equipment or any part thereof which has been subject to accident, negligence, alteration, abuse, or misuse. Toomey makes no warranty whatsoever in respect to accessories or parts not supplied by Toomey. The term "original purchaser", as used in this warranty, shall be deemed to mean that person for whom the equipment is originally invoiced. This warrant shall apply only within the boundaries of the continental United States.*

*The remedy defined in this statement shall be the Purchaser's exclusive remedy against Toomey Racing USA. In no case shall Toomey Racing USA be liable hereunder for any consequential damages.*

**THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED,  
INCLUDING ANY WARRANTY OF MERCHANTABILITY,  
WHICH EXTEND BEYOND THE FACE OF THIS STATEMENT.**