



## KFX / Z 400 Duals - INSTALLATION INSTRUCTIONS

### **PLEASE READ INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION**

#### **Included in your pipe kit**

Manifold

- 2- Stainless steel chambers
- 2- Silencers, (quiet core and spark arrester included)
- 2- 6x30mm socket head cap screws, w/flats and locks
- 2- Stainless T-bolt clamps

Main jet (155)

4- Zip ties

Remove battery, rear plastic/fenders, front plastic/fenders, and your stock silencer. Place a drain pan under the right side of the motor. Remove the motor end of the radiator hose on the right side of the ATV and drain into a pan.

Remove water fitting at the front of the head. Remove heat shield from the stock header, then remove stock header from the ATV. Replace the radiator hose & tighten. Replace head fitting, being sure thermostat is positioned the way it came out. Place your fuel petcock on the "ON" position as it will not drain in this position. Remove fuel tank. Remove the air box and the rubber boot going to the carburetor. Remove carburetor from the rubber manifold and rotate upside down leaving throttle and choke cable attached. Remove the four screws attaching the float bowl to the carb, and remove float bowl. Remove your stock main Jet and replace it with the supplied 155 main Jet. Replace your float bowl and remount the carb to the manifold (the way it was removed).

### **EXHAUST INSTALLATION**

Mount the LTE manifold to your cylinder using your stock flange nuts (only snug manifold, to rotate for best fit). Install the right chamber, small end first through the rear of the bike (where your air box was located). Slide the pipe forward between the frame and the motor until you can pull the large end of the pipe outside of the frame to mate up where the silencer will be located.

Place one of the supplied T-bolt clamps on the small end of the pipe, and slide pipe onto the manifold. Mount the pipe on the outside of the frame, and on the inside of the heel guard mount (loosen foot peg bolts to make it easier to move). Slide the right silencer onto the chamber and mount to the rear fender bracket with the supplied hardware.

Remove the regulator from the frame. Slide the left chamber through the frame with the remaining clamp and install onto the header. Mount in the same as the right side was mounted. Unclip electrical connectors fashion and route to the outside of the frame and zip tie (be sure to secure all wires so they will not touch any part of the pipe). Place your air box back into the frame and loosely mount. Connect the regulator back to the harness and lay it inside the air box on the inside left wall and mark holes for mounting, mark where the wires lay across the edge of the box. Remove the air box and drill mounting holes and attach the regulator with the supplied hardware. File the edge of the box down where the wires route so you can replace the stock lid.

Reinstall your fuel tank, front plastic, rear plastic and electrical as it was removed. Install the silencers onto the chambers until the hole lines up with the upper rear fender mounting holes and attach with the supplied 6mm x 30mm bolts, flats, and lock washers, and tighten.

Go back over the entire exhaust system and recheck all connections and mounting brackets. Go back over all your plastic to make sure all your bolts are tight, reconnect your fuel line. Refill your radiator with the fluid you drained from the stock pipe removal.

### **QUIET CORES:**

Quiet cores are an option. If you ordered them with this kit they come not installed. To install the quiet cores remove both rear end caps (turn downs) and install the quiet cores with the tubes facing inward. Re-install the end caps.

### **FIRST RIDE:**

The first ride you will experience white packing from your silencers, (this is normal). You are blowing out the loose packing from assemble. After your first 30 minute ride, **(LET YOUR ATV COOL DOWN)** and recheck all your hardware as the heat will seat all the connections.

### **Silencer Packing**

We recommend checking you're packing every 15 to 20 hours of riding. As your decibel level will increase and without the packing will damage the internals of your silencers. No Warranty will be give for failure from lack of maintaining.

**Jetting Specifications: Jetting Specs provided are for a stock motor with a Looney Tuned Exhaust System at sea level. Other performance modifications to your bike usually require changes in jetting. Final jetting is the customer's responsibility.**

## **WARNING!**

LOONEY TUNED EXHAUST DOES NOT TAKE RESPONSIBILITY FOR DAMAGE THAT MAY OCCUR DURING OPERATION OF YOUR VEHICLE UNDER IMPROPER JET SETTINGS. IT IS THE FINAL RESPONSIBILITY OF THE OWNER/RIDER TO ADJUST JETTING TO SPECIFIC RIDING CONDITIONS AND ELEVATION BEFORE RIDING.

**IMPORTANT MESSAGE—PLEASE READ AND UNDERSTAND!**  
**WARRANTY LIMITATIONS**

**Looney Tuned Exhaust (LTE) 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 LTE by others and LTE warrants such components to the purchaser only to the extent that such components are warranted to LTE by the supplier. LTE'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 invoice and which LTE examination shall disclose to LTE'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 LE neither assumes, nor authorizes any other person to assume for LTE 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. LTE makes no warranty what so ever in respect to accessories or parts not supplied by LTE. The term "original purchase", 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 Looney Tuned Exhaust (LTE).

In no case shall Looney Tuned Exhaust (LTE) 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.**

**Please be sure that no hoses or wiring will vibrate or lay against the exhaust before you take off for your first ride!!!!**

**AND**

**Don't forget to check your silencer packing!!!!!!!**