



**Honda TRX 400EX  
INSTALLATION INSTRUCTIONS**

**PLEASE READ INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION**

Included in your LTE Racing Pipe Kit, are the following parts:

Right Header and Tailpipe  
Left Header and Tailpipe  
2 Billet Aluminum Flanges  
2 Stainless Steel T-Bolt Clamps  
Right and Left Aluminum Silencers  
Complete Air Box and Hardware  
Main Jet (190)  
Pilot Jet (48)  
2 Zip Ties  
2 Stainless Steel 10/32 Self Tapping Screws  
1 Ring Terminal

If anything listed above is not found upon opening this package **CALL US NOW!!** Do not attempt any installation unless you have read and understand the installation instructions, and have made certain you have all of the above listed parts. We check over and verify each box that leaves our shipping department for accuracy and completeness.

**TOOLS REQUIRED:**

7/16, 10mm and 12mm sockets  
7/16, 10mm and 12mm Combination Wrenches  
Phillips Screwdriver, Standard Screwdriver, Hax Saw

## **QUIET CORES**

Quiet cores are supplied with this kit but 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.

## **REMOVAL**

Remove seat, disconnect battery and remove. Remove front fenders and side skirts. Remove fuel tank (make sure to shut fuel off and drain remaining fuel in the line before removing). Remove stock muffler first, then remove stock headers. Retain the 4 stock header bolts to install on your new exhaust system.

Remove the rear bolt from your stock air box. Loosen stock intake clamp at carburetor. Remove stock boost bottle from the side of the boot. Loosen stock snorkel clamp at the air box, remove stock retaining clip at the front of the snorkel. Remove stock air box, intake boot and snorkel together from the ATV. Slide starter solenoid off of stock mounting prongs. Remove Phillips screws from fuse holder and remove from plastic housing. Remove plastic battery housing from the ATV. Unplug tail light from harness. Unclip harness from the 2 clips above the battery.

## **CARBURATION**

Now would be a good time to replace your stock main jet, with the supplied 190 main jet and replace your stock pilot jet with the supplied 48 pilot jet. Make certain that all hoses are tight and routed as stock. Be certain carb clamp is tight when re-installed.

## **INTAKE BOOT**

Remove the intake boot from the stock air box. Take an exacto knife or razor blade and trim off the rubber piece that the hard plastic snorkel slips into. Trim around the intake boot staying the same distance as the rest of the lip. Take a hax saw and cut the groove as the rest of the boot is, being careful not to cut all the way through (Picture Fig.2).



### **AIR BOX INSTALLATION**

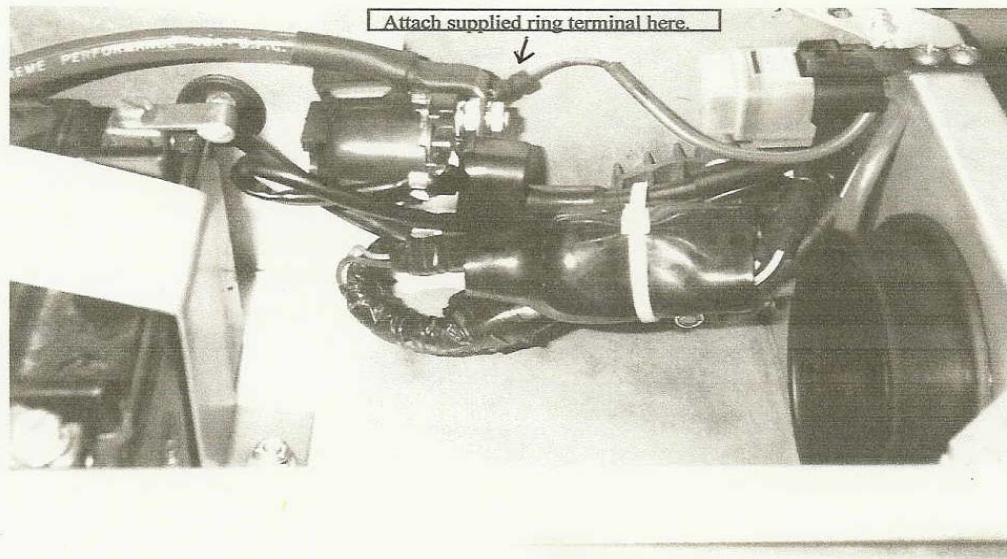
Install the intake boot into the aluminum air box. Remove stock rubber drain from the stock air box, and re-mount it on the aluminum air box. Place air box and boot into ATV, clamp boot to carb, using stock hose clamp.

Disconnect starter solenoid from harness leaving positive (red) cable attached. Unplug the remaining 3 wires from the harness to completely remove solenoid.

Fish all the remaining harness and wires through the 1 ½ rubber grommet near the intake boot. Place the starter solenoid onto the supplied bracket riveted to the inside of the box, pointing the studs towards the front of the ATV. Rotate the solenoid so it is vertical with the pos. (red) lead to the inside of the box (picture fig 3).

fig 3).

FIG 3



Reconnect the black cable to the solenoid with the boot covering the bolt. Place zip tie on the boot if necessary to keep from grounding out on the box. Reconnect all wires that were unplugged; be sure they go back from where you removed them. If you are unsure, all wires are color coded.

Remove stock negative battery cable from rear of frame. Move up to the next threaded hole and remount. Fish the other end of the negative cable through the 3/4" grommet in the air box.

Place the battery in the rear right hand corner of the air box with the terminals facing forward (in its plastic cover). Attach the negative battery cable to the negative terminal. Route your brake light wires through the negative battery cable hole and reattach to harness.

Place the fuse holder above the wiring harness and use the supplied 10/32 self tapping screws to mount it to the air box.

### **REGULATOR**

Remove regulator from rear of frame (retain one of these bolts for the rear of the air box), place it inside the box with the plug facing to the rear of the ATV. Bolt it to the box through the pre-punched holes with the supplied bolts, washers and lock nuts. Plug harness into regulator.

Remove positive (red) cable from the starter solenoid. Cut the small red wire from stock positive cable and attach the supplied ring terminal. Place this wire on the solenoid. Place the 90 degree bent end of your supplied

battery cable on the starter solenoid. Attach the other end to the Positive lead on the battery, routing it over the top of the battery and under the battery bracket. Attach your supplied battery bracket to the upper hole first using one of the bolts you removed from your regulator. After it is snug, place remaining bolt, washers and lock nut to the bottom hole and tighten. Zip tie all electrical together and bundle them snugly under solenoid. Remount your air filter as you removed it. Remount boost bottle in stock location.

## **EXHAUST INSTALLATION**

Take the right and left headers and place billet flanges on, with the countersunk holes facing towards the nuts when mated to the cylinder. Using your stock nuts snug them to the cylinder so you can rotate them slightly for fit. At this time slide and bolt clamps onto headers.

Snake the left and right chambers through the frame from the rear, small end of the chamber first. Attach the bracket behind the rods that hold your fender out. Mount to this location with the supplied 6x25mm bolt, lock washers and flat washers.

Remove tool kit on the left rear of frame. Spray a little WD-40 on the end of the chamber and slide the left silencer onto the chamber. Mount to one of the tool box mounting holes with the supplied 8mm bolts. Repeat this step on the right silencer and mount to the stock silencer mounting location with the supplied hardware.

With the supplied zip ties, tie boost bottle hose back against the rear shock so the hose does not touch the pipe. Check down both exhaust pipes to make sure no electrical or hoses touch the exhaust.

## **FIRST RIDE**

After your first 20-30 minute ride re-check all connections and make sure there are no exhaust leak as it will rob horsepower.

### **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.

**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!!!!!!!**