



Installation Instructions for 1997-2003 Yamaha

1. **LEFT SIDE:** First you will need to drill out the pop-rivet in the hot-grip and rotate it so that the wires are pointing up. **Note:** Use a 3/16-drill bit to do this. Then re-drill and install new rivet that is provided. Next, remove the two bolts that secure the master cylinder. With the cable already in place, install the Lefty's throttle block using the new stainless bolt that is provided. **Note:** The logo should be facing you when sitting on the sled. Next, install the thumb lever using blue Loctite on the threads of the bolts. Then place the cable in the slot that is on the inside of the thumb lever and push it into the slot until you feel it snap in to place. Next, run your cable in front of the steering post and behind the wiring harness.
2. **RIGHT SIDE:** Mount the two-piece cable adapter to the handlebar, locate it on the inside part of the right side throttle block. Make sure it is mounted up close to the throttle block with the slot at the end pointing down. **Note:** It is helpful if you thread the cable onto the cable adapter before you fasten it to the handlebar.
3. **BELL CRANK:** First look at the bottom side of the OEM throttle lever to see if it has any extrusions sticking down; if so you will need to trim them off with a box-cutter. Then hold the Lefty's bell crank up to the bottom side of the OEM throttle lever with the shouldered portion of the bell crank facing up and against the OEM throttle lever. Position the bell crank so that it is pointing straight forward, and is up close to the OEM throttle pivot pin. Then on the forward hole on the bell crank drill a 5/64" hole through the OEM throttle lever and install one of the provided 5/8" sheet-metal screws. Then inspect that the cable length and adjustment look to be good. Now you can drill and install the back sheet-metal screw. **Next,** attach the Lefty's cable to the end hole on the bell crank with the pivot screw head on the top and the nut on the bottom. **Important:** The cable pivot screw must be able to freely slide on the cable and rotate inside the bell crank. If it does not it will damage the end of the cable. The cable should lead straight to the bell crank without any bends.
4. **ADJUSTING CABLE IN 2 PLACES:** First the cable adapter can be moved left to right on the handlebar. To do this, simply loosen the bolt and move it into the right spot, then re-tighten. The cable can be adjusted in or out by threading it in the right side cable adapter. Your last adjustment should be made after you pull the left throttle all the way down five times. When the throttle is relaxed you must have 1/32 to 1/8 inch of free play between the cable pivot screw and the cable fitting.
5. Once these adjustments have been completed you can secure all bolts, nuts, and screws. Make sure the entire assembly works freely, and does not bind in any position.

Caution! Before starting your machine, **always** pull the thumb lever to full throttle and release. You should hear the snap of the carbs closing. Do this several times to ensure that there is no ice or frost buildup that can cause problems. **Always** think safety first!

Should you have any problems during installation, please call (208) 255-5800



IMPORTANT SAFETY WARNINGS!

**It is your responsibility to READ and SAVE this document
Do not operate any vehicle equipped with this device without
first reading these important warnings.**

- 1 Operating any motorized vehicle is a dangerous activity and can cause serious injury, even death. Do not operate under the influence of alcohol, drugs or prescription medication.
- 2 Read and be familiar with the instructions before proceeding with installation. Compliance with the instructions is imperative for safe operation of this device.
- 3 Inspect cable, bell crank, and fasteners for fit, wear, and freedom of movement before each ride, so as to assure safe and proper operation.
- 4 Before starting your snowmobile, **ALWAYS** free the throttle. Push the throttle lever to the handlebar wide open and then let it snap back. Repeat this process two to three times. This will knock ice or frost loose in the carburetor that could cause the throttle to stick wide open.
- 5 You must wear appropriate safety attire including a helmet, protection for hands, body and feet and all other items necessary for proper protection at all times.
- 6 You are engaged in a hazardous activity. This device will not guarantee protection from injury. You and you alone are responsible for the safe installation and operation of this product on your vehicle.
- 7 You, as operator, absolve LEFTY'S DTC LLC of all liabilities from use of this product and assume any and all legal fees and medical bills should they occur.

DISCLAIMER OF WARRANTIES AND LIMITATION OF DAMAGES

The use of a snowmobile, with or without after-market accessories, is hazardous to its participants, including serious personal injury, death, and/or property damage, regardless of all feasible safety measures which may be taken.

Seller disclaims all warranties, express or implied, including any warranties of merchantability and/or fit to vehicle.

Buyer's sole and exclusive remedies for any breach or damages are limited to the return of the goods at buyer's expense and repayment of the purchase price or to repair and replacement of nonconforming goods or parts, which is at the sole discretion of Seller. Seller specifically excludes and shall not be liable for any consequential or incidental damages, including liability for death or injury to person or property.

Please contact LEFTY'S DTC LLC for clarification if you do not understand this document.

AFTERMARKET SNOWMOBILE ACCESSORIES PRODUCTS