



## Installation Instructions for 2003 Ski-Doo ZX Chassis

1. **LEFT SIDE:** First look at the inside cutout of the left side throttle block. You will notice a cut out section. This cut out fits over the raised portion of the left side handgrip. Next, secure the two halves of the Lefty's throttle block together. **Note:** Do not move the throttle block inward any further than it allows, as you will need the room so the blue head-light switch does not hit the Lefty's throttle block when you push switch in. Also the throttle block should be pointing straight down. **Note:** The cable should be routed on the front side of the handlebars and on the inside of the handlebar cover. Next, install the thumb lever using blue Loctite on the threads of the screws. 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.
2. **RIGHT SIDE:** Remove the plastic cover in front of the kill switch. To do this, place a small screwdriver to the center of the plate and pry in a horizontal direction to release the latch. Next, hold the cable support bracket on the front side and on the bottom (right under the opening) and drill two 3/16 holes through the plastic assembly, using the cable adapter as a guide. Next, secure the cable adapter to the housing with the threaded backing plate located on the inside. Replace cover. **Note:** It is helpful if you thread the cable onto the cable adapter before you fasten it onto the sled.
3. **BELL CRANK:** Remove lower allen head bolt on thumb lever pivot. Next, install bell crank on the lower side of thumb lever with the new shoulder bolt into largest hole. The longest part of bell crank will be pointing forward. Next, align the edge of the bell crank with the edge of the thumb lever. Drill a small pilot hole into the throttle lever using the end hole on the bell crank as a guide. Then secure the bell crank to the thumb lever with the small sheet metal screw that is provided. **Note:** Make sure that the sheet metal screw does not protrude past the inside of the thumb lever. If it does you must file it off. Next, fasten the cable pivot bolt to the long end of the bell crank. **Note:** The cable should lead straight to the bell crank without any bends in the cable. **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.
4. **ADJUST CABLE:** You can now adjust the cable by threading it in or out of 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 1/16 inch of free play between the cable pivot bolt 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 ACCESORIES PRODUCTS**