



Installation Instructions for 1997-And Newer Polaris

- LEFT SIDE:** Remove lever and cable from the Lefty's throttle block. Install the Lefty's throttle block around the hand grip. Locate it as far to the inside of the hand grip as possible. It is recommended that the Lefty's lever be pointing straight down; however you may position it to your liking paying attention not to interfere with switches and cable routing. Snug the throttle block bolts so that the block does not move on the grip. **Note:** Use Blue Thread Locker on the throttle block bolts. Take caution not to over tighten the bolts as this may damage the hot grip or wires. **Note:** On 2009 models with Pro Taper bars items on the bars will have to be moved slightly for proper fit. The throttle block will be put directly on the handlebars using the vinyl hose as a spacer. Install the hose over the bars with the cut directly forward.
- RIGHT SIDE AND CABLE:** Remove the four screws that secure the inside end plate of the right side throttle block assembly. Then replace the stock end plate with the Lefty's end plate, which is the cable adaptor for the Lefty's cable. Install the cable into the Lefty's end plate before you fasten it onto the OEM throttle block. Also, make sure that the wires are routed in their proper locations so that they are not cut by the Lefty's end plate. Route Lefty's cable to the left side and install it in the left throttle block. Install the cable end in the Lefty lever slot. Make sure the cable end is completely seated in the lever.
- BELL CRANK:** Inspect the bottom of the of the OEM throttle lever for any extrusions that may interfere with the Lefty's bell crank; if there are any they will need to be trimmed off. Hold the Lefty's bell crank up to the bottom side of the OEM throttle lever with the stepped portion up and the end with the hole pointing forward. Position it as close to the stock pivot pin as possible without making contact with the pivot pin. **Note:** Make sure the bell crank is not against or touching the OEM pivot pin. On the forward hole of the bell crank drill a 3/32" hole through the OEM throttle lever and install one of the provided 5/8" sheet metal screws. Attach the cable end to the bell crank with the nut on the bottom. **Note:** Do not completely tighten screw as it must be able to freely slide on the cable and rotate in the bell crank; if it does not it will bend and damage the cable. Next, you will need to rotate the bell crank on the screw that was just installed on the OEM lever to get initial cable adjustment. Initial adjustment should be no less than 1/32" and no more than 3/16". Once you have achieved this adjustment you can drill and install the rear sheet metal screw on the bell crank. **Note:** Make sure the sheet metal screws do not protrude past the inside of the thumb lever creating interference with anything. If they do the screws must be trimmed off.
- ADJUST CABLE:** You can now adjust the cable by threading it in or out of the right side cable adaptor (end plate). 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.
- Once these adjustments have been completed, 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!! **Installation questions 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

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