

Installation Instructions

Important!

Before installation please read Product
Liability Disclaimer attached

Polaris Finger Throttle

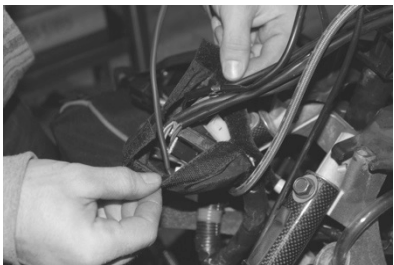
Removal



(1) Take off the side panels of your machine by undoing the latches and pulling the panels off. Using a small flat head screwdriver release the two rivet tabs on either side of the hood by prying the centers out.



(2) Undo the two bolts around the steering column holding the hood on and slide the hood forward to release it. Undo all wire harness plugs connected to the hood to properly remove the hood from the machine.



(3) Pull out the black cloth cover that contains the wiring harness tucked in front of the steering column. Undo the Velcro to expose the harness plugs.



(4) Cut zip ties holding the wires running from the throttle block to the handlebars.



(5) Using a Philips screwdriver, undo the four screws to remove the backing plate on your thumb throttle block.



(6) With the backing plate off, undo the bolt on the clamping plate of the thumb throttle and slide it away from your grip to remove it.



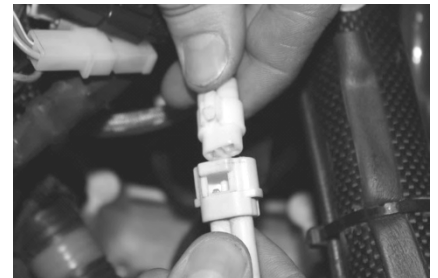
(7) Remove the pivot pin from the thumb lever by removing the E-clip and sliding the pin out. Slide the throttle cable end out of the thumb lever to detach the thumb lever from the assembly.



(8) Use a pick tool to remove the C-clip holding the throttle cable housing in. Pull the cable housing out and slide the cable through the slot to detach the housing.



(9) Remove the throttle position switch from the throttle block and remove the throttle block from the handle bar.

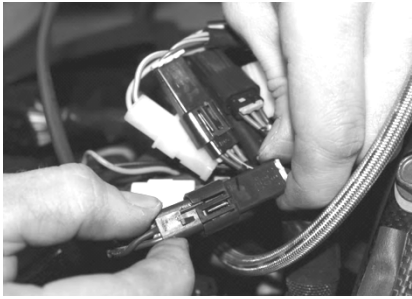


(10) Follow the wires from the throttle position switch to the harness plug. Using your thumb, press down the lock tab to disconnect the plug connector.

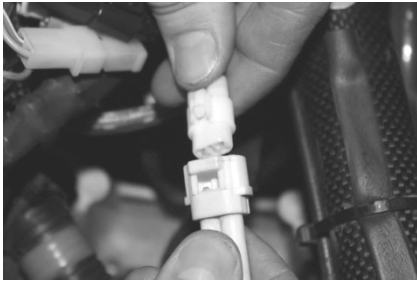


(11) Follow the wires from your thumb heater to the harness plug and disconnect the plug by prying up the locking tab with a screwdriver.

Installation



(12) Plug your new finger throttle into the plug you disconnected the thumb heater from.



(13) Plug the white jumper connector provided with your finger throttle into the plug the throttle position switch was disconnected from.

WARNING!!!

This jumper connector bypasses your throttle safety switch and in doing so your machine will not sense your finger on the throttle. If for some reason your throttle is stuck open due to ice/snow build up or poor throttle adjustment, your machine will continue to accelerate whether or not your finger is on the throttle. Please read step 8 (Throttle adjustment) carefully. Refer to Liability Disclaimer for more information.



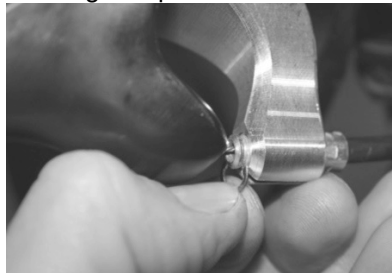
(14) Undo the two clamp bolts on your new finger throttle using an Alan key. Route the wires from the heated grip through the slot in the throttle block. Clamp the finger throttle assembly to the handle bar and snug up the clamp bolts being sure not to pinch the wires.



(15) After routing the throttle cable in front of the handlebars, insert the throttle cable end into the finger lever slot.



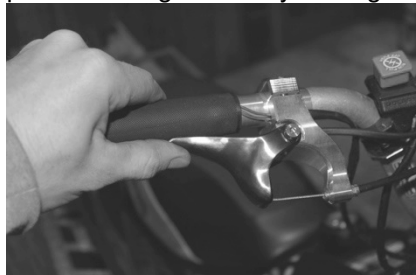
(16) Pull on the cable housing. Slide the cable through the slot in the aluminum block and release the housing into place.



(17) Using the C-clip provided with your finger throttle, install it onto the end of the cable housing.



(18) Pull the rubber boot to expose the throttle cable adjuster in front of the handlebars and undo the plastic locking nut with your fingers.



(19) With the throttle lever in the full throttle position, tighten the cable

tension by unscrewing the plastic adjuster until you feel the finger lever start to pull away from the bar. Screw the adjuster back in one full turn. The finger lever should contact against the grip firmly with no excess tension on the cable.

IMPORTANT:

When the throttle is released make sure there is at least 1/8" of free play in the cable between the lever and the throttle cable housing. If the gap between the lever and the housing is too tight or touching, loosen off the cable adjuster to allow for proper clearance. **IMPROPER CABLE ADJUSTMENT CAN LEAD TO MACHINE DAMAGE, INJURY, OR DEATH!** Tighten locking nut and slide rubber boot back over the cable adjuster. Check again for proper clearance.



(20) Cover up the harness plugs with the cloth boot and tuck them back into the machine. Put the hood back on making sure to connect all the harness plugs that were disconnected earlier. Fasten hood bolts and rivets. Install side panels.



(21) Using zip ties, fasten loose wires to your handlebars.



(22) Adjust finger throttle for rider preference. Tighten clamp bolts, and you're done!

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