

Installation Instructions

Important!

Before installation please read Product Liability Disclaimer attached

Polaris 850 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 plastic rivets holding the hood and console on by prying the centers out. Remove the hood.



(2) Undo the two bolts around the steering column. Remove the two plastic rivets holding the console to the intake and remove the console. Remove the remaining plastic rivets holding the plastic panel in front of the tank and remove the panel, being careful to disconnect the wiring harness plug to the panel switches.



(3) Undo the Velcro pouch to expose the harness plugs on the left side of the machine.



(4) Cut the zip ties holding the wires running from the throttle block to the harness plug in the Velcro pouch.



(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.



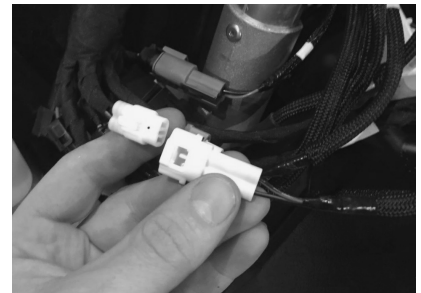
(7) Remove the pivot pin from the thumb lever by removing the E-clip and sliding the pin out. Slide the throttle cable end out of the thumb lever to detach the thumb lever from the assembly.



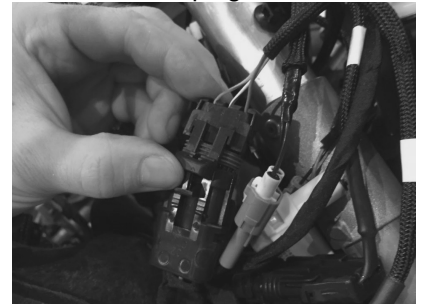
(8) Use a pick tool to remove the C-clip holding the throttle cable housing in. Pull the cable housing out and slide the cable through the slot to detach the housing.



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

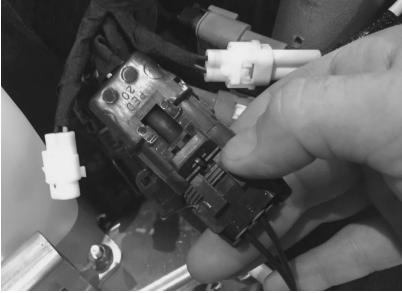


(10) Follow the wires from the throttle safety switch to the harness plug. Using your thumb, press down the lock tab to disconnect the plug connector.

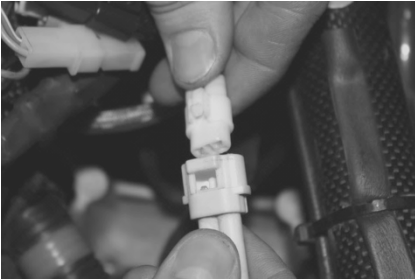


(11) Follow the wires from your thumb heater to the harness plug and disconnect the plug.

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 throttle safety switch plug.

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.

Installing a tether safety shutoff switch is highly recommended with this product. Please read step 8 (Throttle adjustment) carefully. Refer to Liability Disclaimer for more information.



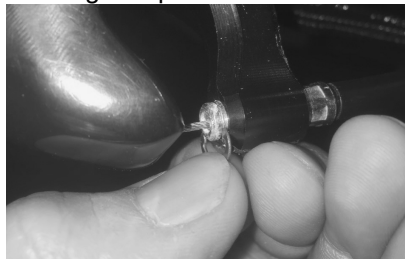
(14) Undo the two clamp bolts on your new finger throttle using an Alan key. Route the wires from the heated grip through the slot in the throttle block. Clamp the finger throttle assembly to the handle bar and snug up the clamp bolts being sure not to pinch the wires.



(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

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.



(21) Fasten the wires with zip ties to the locations you previously cut. Put the dash panel, console and hood back on making sure to connect all the harness plugs that were disconnected earlier. Fasten console bolts and all plastic rivets, making sure to reconnect the air intake to the console. Install side panels.



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

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