

Installation Instructions

Important!

Before installation please read Product Liability Disclaimer attached

Skidoo Finger Throttle Removal



(1) Use a small screwdriver to remove the E-clip holding the throttle cable housing in place. Pull the cable housing out and slide the cable through the slot to detach the housing.



(2) Remove the pivot bolts from the thumb lever with an Alan key to detach it from the assembly. With the thumb lever off, pull the cable end out of the thumb lever by pulling on the cable housing. Try not to kink the cable while removing it from the lever.

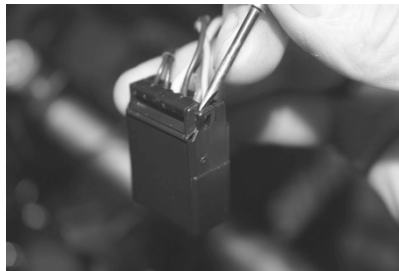


(3) Using an Alan key, undo the bolt on the clamping plate of the thumb throttle. Use a flat head screwdriver to push in the small tab while sliding the plastic clamping plate away from your grip. (Some models may have different style throttle block) You may have to take off the kill switch by removing the torx screw before

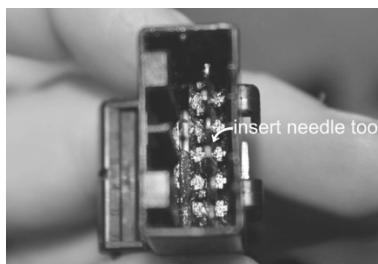
taking off the throttle clamping plate.



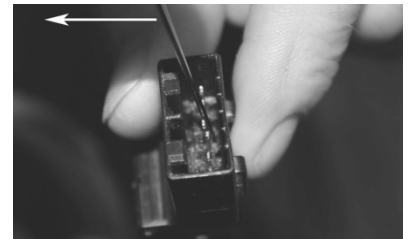
(4) Take off the riser cover to expose the wiring harness plugs. Follow the wires from the thumb heater and the right hand grip heater to the wiring harness, cutting the zip ties to expose the wires. Unplug the harness plug that the wires go to.



(5) Using a small flat head screwdriver release the small clips on the plug and flip the locking tab back to expose the pin connectors in the plug.



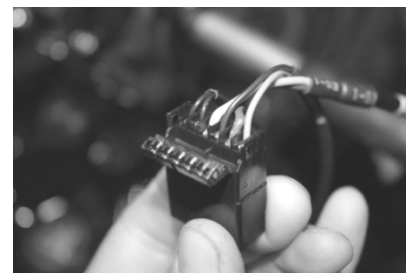
(6) With the locking tab flipped back, locate the wires coming from the right hand grip heater. Push the wires into the plug to make sure they are fully inserted before removal. Flip the connector over. Using the small needle tool provided, push the needle end lightly into the hole behind the pin connector you are trying to release as shown in the picture above.



(7) Pull the needle tool towards the pin connector to pry the locking mechanism inside the plug away from the pin connector. At the same time, pull on the individual wire you are trying to release. You may want to get someone to help you for this step. If done correctly, the wire should pull out easily. If the wire is pulled before you pry back the locking mechanism the pin connector will not release.

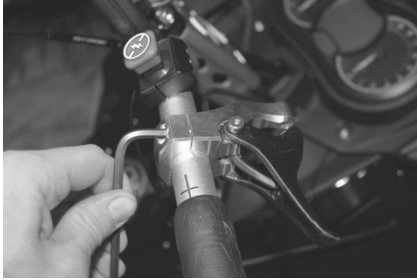


(8) Remembering which wires go where, repeat step 6 to remove the other grip heater wire(s) going to the plug. Once the grip heater wire(s) are free from the plug remove the throttle block, pulling the grip heater wires through the hole in the block. Reinsert the grip heater pin connectors into the plug in their original location.

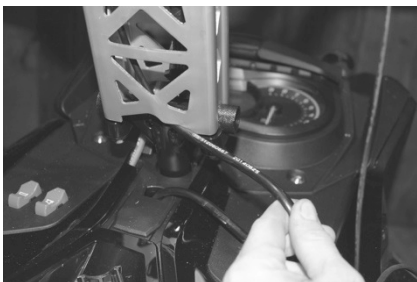


(9) Locate the wires coming from the thumb heater. Repeat step 6 to remove all thumb heater wires from the plug.

Installation



(10) Undo the 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.



(11) Re-route the throttle cable through your riser so it can be installed in front of the handlebars. Keep in mind the cable must be clear of the riser cover when it is installed later. Make sure the cable housing is away from any pinch points. Check your steering for full range of motion making sure it doesn't put any tension or stress on your throttle cable housing.

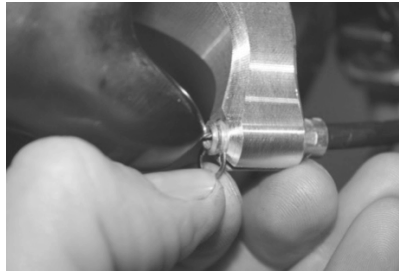


(12) Insert the throttle cable end into the finger lever slot.

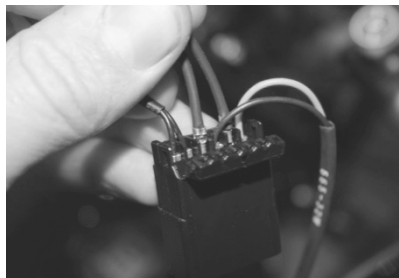


(13) Pull on the cable housing to extend the cable and slide the

cable through the slot in the aluminum block. Release the cable housing allowing it to slide into place.

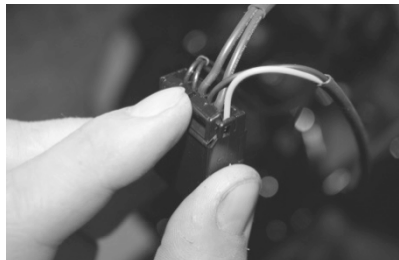


(14) Using the low profile C-clip provided with your finger throttle, install it over the end of the cable housing to secure it in place.



(For E-tec Models)

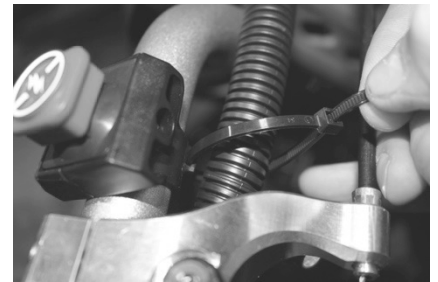
(15.1) Plug the pin connectors for the finger heater into the plug where the thumb heater was. The wires can be inserted in any order. Make sure they are inserted in the right direction. Flip the plug locking mechanism closed, making sure both locking tabs snap shut. Plug the connector plug back into the wiring harness.



(For All Other Models)

(15.2) Plug the pin connectors for the finger heater into any two of the three available spots in the plug. The wires can be inserted in any order. Make sure they are inserted in the right direction. Flip the plug locking mechanism closed, making sure both locking tabs snap shut. Plug the connector plug back into the wiring harness. Start the sled and test the finger heater to see if it works on one of

the two heat settings. Regardless of which setting the heater works on, you will now be limited to the options of having full finger heat or no finger heat. If the finger heater does not work, repeat step 6 in the "Removal of Stock Thumb Throttle" section to remove any one of the two finger heater wires. Plug the wire you removed into the other pin connector port that wasn't being used. Close the locking tab on the plug and plug it back into the harness. Start the sled again and test to make sure it works on one of the two heat settings.



(16) Tuck all heater and kill switch wires back together and use zip ties to fasten to the handle bar.



(17) Reinstall the riser cover making sure all wires are routed in their original location.



(18) Readjust and tighten kill switch if it was loosened. Adjust finger throttle for rider preference. You may move the finger throttle away from the grip a little bit to improve product performance.

Enjoy!

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