

PASSENGER, HAND WARMER, 550 IQ KIT P/N 2878201



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Application

550 IQ Touring

Before you begin, read these instructions twice and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

This Kit Includes:

Qty	Part Description	Part Number
2.....	Heater, Grip, Lo/Med/Hi	2410777
1.....	Harness, Rear Hand Warmer	2411588
1.....	Passenger Heater Switch	4011319
8.....	Cable Tie	7080138
8.....	Nut	7542122
2.....	Nut	7547453
1.....	Template	Included with Instructions
1.....	Instructions	9922929

Tools Required:

Torx Wrench (T-27)	10 mm Wrench
Side Cutter	Scissors
Pliers	Tape
7/16 Wrench	Reciprocating Saw
Compressed Air	Electrical Tape

IMPORTANT: For your safety, and to ensure a satisfactory installation, perform all installation steps correctly in the sequence as shown on the attached instructions.

INSTALLATION INSTRUCTIONS

1. Remove passenger handgrips. **NOTE:** For ease of removal, blow compressed air through the small hole on the end of the handgrip while pulling.
2. Lift hood and remove both side panels.
3. Remove nut holding choke cable on to console. Save for reinstallation.
4. Pull start rope out and tie a loop in rope by recoil, allowing enough slack to work on recoil handle. Untie knot from rope in recoil handle and remove handle. Make sure loop in rope is sound.
5. Unplug wire harness from back side of the ignition switch.
6. Remove fuel cap and filler neck nut.
7. Remove and save for reinstallation the console mounting torx screws and remove console. Reinstall fuel cap.
8. Remove rack, seat and fuel tank. Save washers for reinstallation. Make sure fuel tank is below half tank of fuel before removing.
9. Starting from the middle of the tunnel, moving forward, lay the passenger hand warmer wire harness (PN 2411588) along side taillight harness on tunnel. Align white tape of wire harness, close to the harness protector as shown in Figure 1.

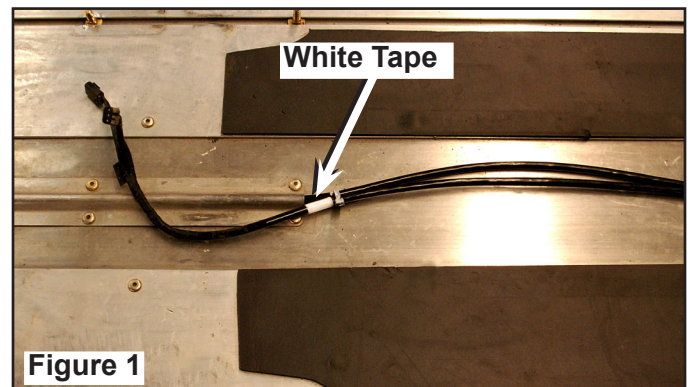
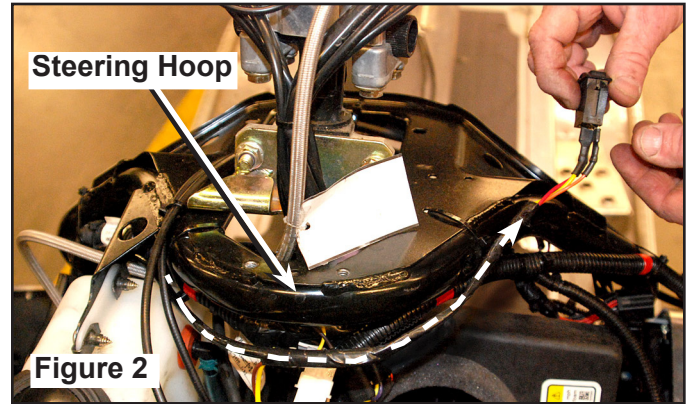


Figure 1

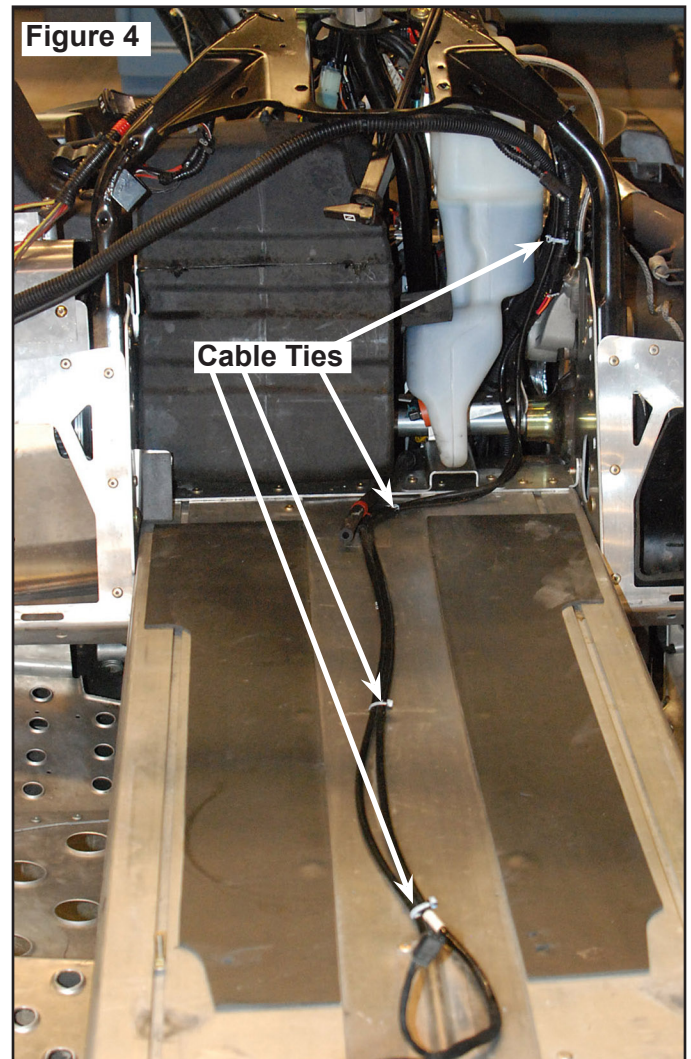
10. Route passenger hand warmer harness alongside taillight wire to main harness on bottom side of steering hoop (Figure 4) to the front side of steering post. Figure 2.



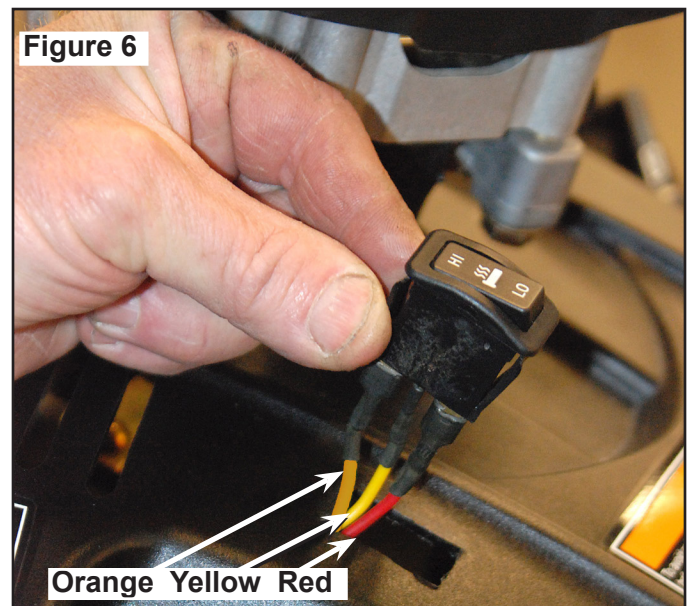
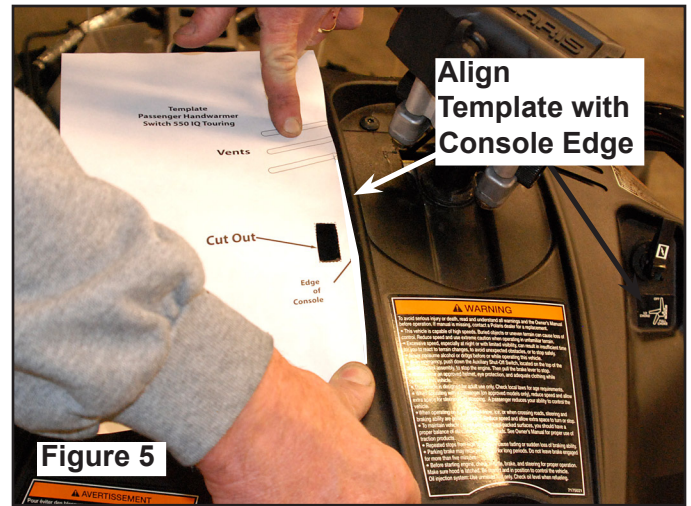
11. Plug three prong connection of hand warmer harness into either of the two accessory breakout connections from the main wire harness on front of steering post. Figure 3.



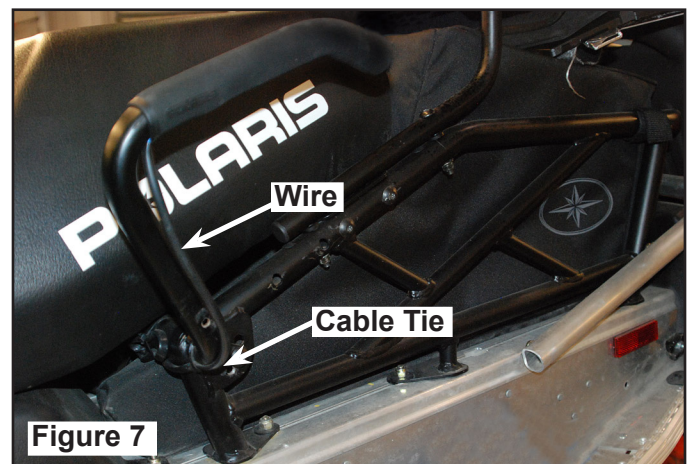
12. Loop harness that goes to switch over top of steering hoop left of steering post. Figure 2. Secure hand warmer harness to main harness with cable ties as shown in Figure 4.



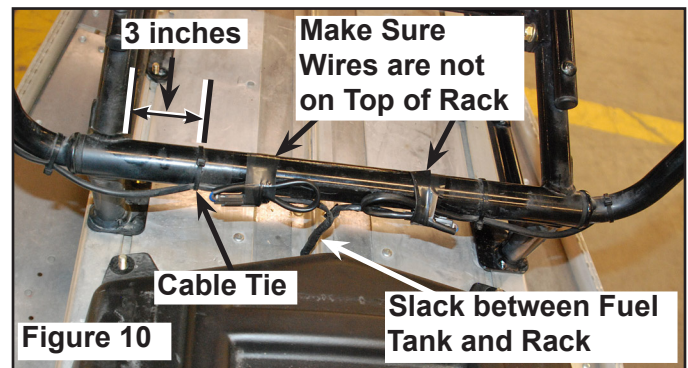
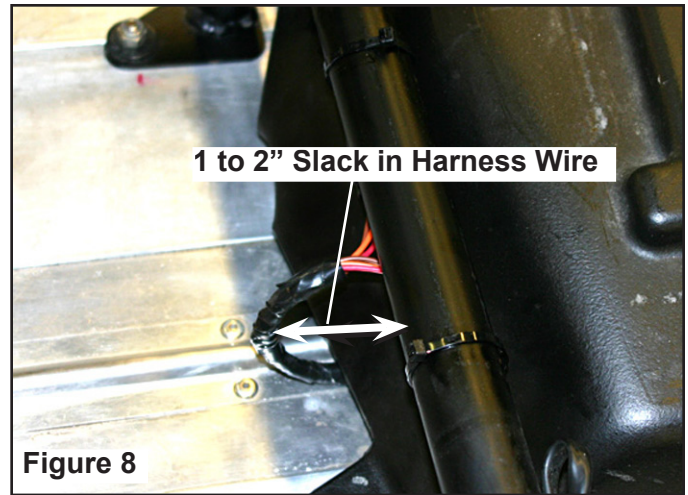
13. Reinstall fuel tank using the washers saved at Step 8 and two nuts (PN 7542122) supplied in kit. Torque nuts to 10 ft lbs. (13.5 Nm).
14. Remove template from Passenger Hand Warmer Kit.
15. Cut template along the featured lines marked.
16. Refer to Figure 5 to place the template on the console, Align template with corresponding feature line on left top side of console. Tape template in place.
17. Mark hole location with marker and remove template.
18. Cut out marked hole with reciprocating saw and deburr.
19. Install console back on machine by reversing Steps 3-7.
20. Pull passenger hand warmer wires that are to be plugged into passenger hand warmer switch up through hole cut for in console. Hook wires up to switch. The top of the switch will be high. Plug wires orange top, yellow middle and red bottom. Figure 6.
21. Push passenger hand warmer switch into hole in console, making sure it is locked in place.
22. Install rack on machine using washers saved at Step 8 and six nuts (PN 7542122) supplied in kit. Do not tighten mounting bolts at this time.



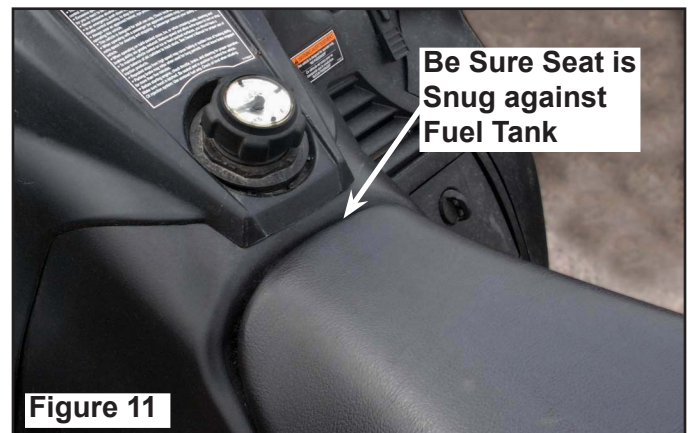
23. Install hand warmers in center of passenger grab handles with the wire located at the bottom of the bars. Reinstall passenger handgrips removed in step one. **NOTE:** Blowing compressed air through the small hole on end of handgrip while pushing on will ease installation. Route wires to front side of handles and run to front center bar of rack. Figure 7. Secure wires at base of passenger handlebars on both sides with cable ties.



24. Connect RH and LH hand warmers to accessory hand warmer harness. Make sure hand warmer harness has one to two inches of slack between fuel tank and rack. Figure 8. Wire should be run on the front side of rack tube. Bundle together any unused length of wire harness and tape to rack with electrical tape. Secure wiring 3" from inside tube of rack with cable ties. Figures 9 and 10.

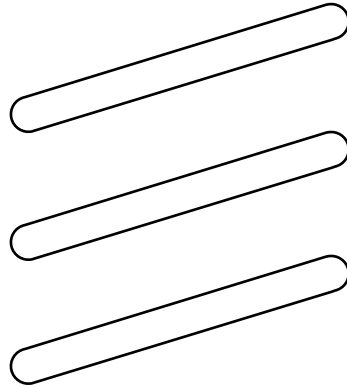


25. Install seat to rack using two nuts (PN 7547453) supplied with kit. Adjust rack to get seat locked all the way on to front mounting to fuel tank. Figure 11. Tighten down rack bolts to 10 ft lbs. (13.5 Nm).



**Template
Passenger
Handwarmer Switch
550 IQ Touring**

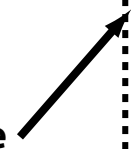
Vents



**Cut Out
for Switch**



Line Up with Edge of Console



Cut On Dotted Line

