



2877363

Handwarmer KIT
2876860

Application:

Sportsman Models

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

Components:

<u>QTY.</u>	<u>Part Description</u>
2	Heating elements
1	Power wire, red
1	Ground wire, light brown
1	Rocker switch
6	5" cable ties (black)
3	4" cable ties (clear)
1	Instruction sheet

Tools Required for Installation:

Sharp utility knife
Phillips screw driver
Electrical tape

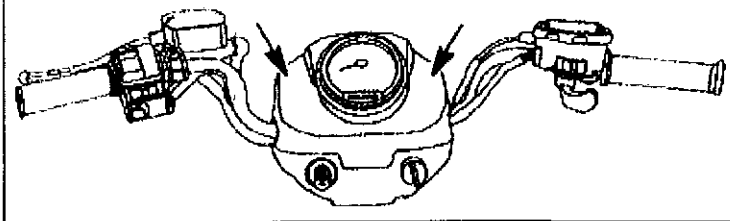
⚠ WARNING

To prevent damage to heating elements, do not test elements prior to installation to handlebars. Do not touch "energized" elements without handgrips installed.

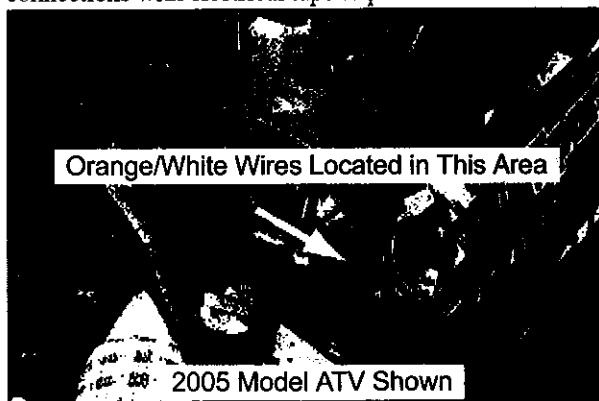
IMPORTANT: Your Polaris accessory kit is exclusively designed for your Polaris vehicle. Please read the installation instructions and operator's manual thoroughly before beginning. Installation of any item is easier if the vehicle is clean and free of debris.

1. Remove the 3 Phillips head screws from the upper headlight pod.
2. Unplug the electrical connections on the bottom side of the pod.
3. Remove the pod.
4. Remove the handlebar grips from the handlebars.
5. Clean the handlebars where the heaters are to go.
6. Test the handwarmer location over the handlebar ends. They will be located under the grips with the wiring on the underside of the handlebars. Verify that the wiring does not interfere with the throttle or brake controls. Route the wires from the elements as desired at this point.
7. Peel off the sticker backing from one element and carefully wrap it around the handlebar. Repeat with the other element.
8. Locate switch position on the left or right side of the speedometer on the headlight pod (there are "knock outs" on the bottom side of the pod). Make certain there is adequate wire length from each heating element to the switch. Make certain that the switch location will have adequate depth for the switch and wiring.

General Areas for Possible Switch Locations on Pod



9. Place the pod onto a firm surface with the speedometer facing down. Use a towel or rag to prevent scratches from occurring on the speedometer face.
10. Using a sharp utility knife (with the pod facing down), cut out the desired knockout. Do not cut the hole any larger than necessary for the rocker switch.
11. Install the switch in the hole.
12. Connect the red power wire to the center terminal.
13. Connect the white wire (from the heating elements) to the terminal behind the “low” setting on the switch.
14. Connect the blue wire (from the heating elements) to the terminal behind the “high” setting on the switch.
15. Connect the light brown wire from the heating elements to the light brown jumper.
16. Connect the red power wire from the switch to the ATV’s main wiring harness. There is an orange/white wire located under the front access panel below the headlight pod. Cover any bare connections with electrical tape to prevent shorts.



17. Connect the light brown jumper to a good ground, such as the frame.
18. Turn the handlebars both directions and make certain that all wires have adequate clearance. Secure wires using cable ties. Carefully replace handlebar grips over heating elements.
19. Reconnect all the electrical connections made in step 2.
20. Re-install the 3 Phillips head screws into the upper headlight pod.
21. To verify proper installation, shift vehicle into park and start engine. Turn hand warmers on high.
IMPORTANT: The vehicle must be run in a well ventilated area. Never run engine indoors without proper ventilation. It may take several minutes for elements to warm up depending on ambient temperature and if you are wearing gloves.