



## Thumbwarmer Kit 2876612

### 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:

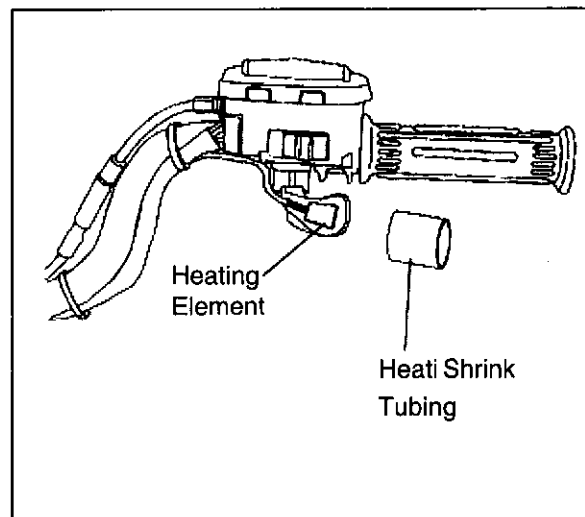
| QTY. | Part Description          |
|------|---------------------------|
| 1    | Heater with resistor      |
| 1    | Rocker switch             |
| 1    | Shrink tube               |
| 2    | Black cable ties          |
| 2    | Clear cable ties          |
| 1    | 18" power cable           |
| 1    | 18" ground extension wire |
| 1    | Instruction sheet         |

### Tools Required for Installation:

Sharp utility knife  
Phillips screw driver  
Electrical tape  
Heat gun  
Wire cutter

**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. Clean the throttle of and dirt, grease or oil. Peel the release paper from the warmer and press it in place where the thumb rests on the throttle. **NOTE:** Metal throttle levers have a rubber cover that **must not** be removed.
5. Slide the shrink tubing over the end of the throttle so that it covers the thumbwarmer.
6. Use a heat gun to shrink the tubing.  
**Important:** Keep the heat moving. Overheating in one area can split or burn the tubing.
7. 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.



8. 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.

9. 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.

10. Install the switch in the hole.

11. Route the heater wires along the handlebar and secure with the cable ties supplied with this kit. **NOTE:** The lead wire in the throttle area cannot be too slack or too tight. You must ensure that no binding is occurring when operating the throttle and that there is enough wire when the throttle is wide open.

12. Connect the red power wire to the center terminal.

13. Connect the blue wire (from the heating element) to the terminal behind the "low" setting on the switch.

14. Connect the black wire (from the heating element) to the terminal behind the "high" setting on the switch.

15. Connect the light brown wire from the heating element 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.

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 thumbwarmer 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 element to warm up depending on ambient temperature and if you are wearing gloves.

