

# INSTRUCTION MANUAL FOR REPLACING THE WICK

PART # 20450113

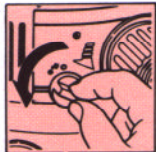
MODEL DC-100/DC-90/KRA-105  
WC-105/WC-105R C, D  
Omni 105 J, K, L  
SC-200/Omni 200



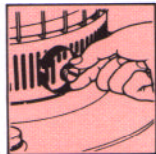
**Note:** Burning the old wick dry before you remove it will eliminate most of the kerosene and make the wick easier to handle.

**WARNING:** Before disassembling your heater, allow it to cool completely. Remove the batteries from the battery holder.

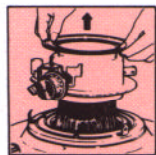
KRA-105 / DC-100 / SC-200 / DC-90 / Omni 105 J, K  
Omni 200 / WC-105 / WC-105R C, D



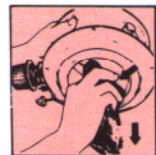
- 1. RELEASE THE AUTOMATIC EXTINGUISHER**  
To release the automatic extinguisher, turn the set knob counterclockwise.



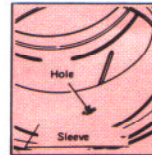
- 2. REMOVE THE HEATER COVER**  
Remove the three (3) large thumbscrews holding the heater cover; lift off the cover with the carrying handle.



- 3. REMOVE THE WICK ADJUSTER ASSEMBLY**  
Remove the four (4) wing nuts around the wick adjuster assembly. Lift the assembly off the heater while moving it slightly back and forth.



- 4. REMOVE THE OLD WICK**  
Slide two fingers between the orange band on the wick and the silver wick sleeve attached to the wick adjuster. Lift the pins in the wick off the slots in the wick sleeve. After lifting all three (3) pins off the slots, fold the wick and remove it. Leave the wick sleeve in place.



## 5. INSTALL THE NEW WICK

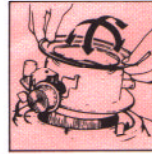
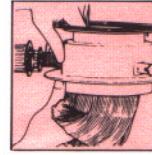
Use of substitute wicks can severely degrade heater performance.

Place the wick adjuster assembly on its side. Insure that the wick is in the wick adjuster with the three (3) holes in the section of the sleeve closer to the inside burn chamber.

At this time, you must line up the three (3) opening in the wick adjuster: 1) the holes in the sleeve, 2) the diagonal slots in the fixed part of the wick adjuster, and 3) the slots in the moving part of the wick adjuster controlled by the wick adjuster knob.

Fold the new wick in quarters and insert it into the assembly. Place one of the pins in one of the lined-up openings. If you experience difficulty, gently turn the wick adjuster knob clockwise. Then place the two other pins, turning the wick adjuster knob if necessary. Do not bend the sleeve.

Finally, gently press the wick, all along its circumference, against the wick adjuster to insure that it is firmly in place.



## 6. REPLACE THE WICK ADJUSTER ASSEMBLY

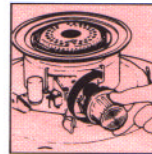
Lower the wick adjuster assembly into the fuel tank, guiding the tail of the wick so it fits over the primary air tube and evenly into place.

Point the wick adjuster shaft to the front of the heater. Insure that the wick adjuster is centered over the studs on the fuel tank.

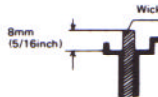


- The space between the wick adjuster and the primary air tube should be even all around.
- Make certain the top of the wick adjuster and the top of primary air tube are the same height. If they are uneven, the flames tend to be uneven, too.

Tighten the four (4) wing nuts around the wick adjuster assembly.



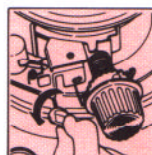
Insure that the wick moves smoothly up and down. Engage the automatic extinguisher reset knob by turning it clockwise. Turn the wick adjuster knob clockwise to raise the wick. Then turn it back and forth to observe the movement of the wick. If the wick does not move smoothly and easily do not use heater. Disassemble and repeat Items 5 and 6. Wick height on position ① of 3-step wick adjuster should be 8 mm (5/16 in.) when wick adjuster knob fully clockwise. Please check.



## AFTER REPLACING THE WICK, CHECK THE OPERATION OF THE AUTOMATIC EXTINGUISHER.

**Note:** Be careful to trim ONLY stray fibers. DO NOT cut the body of the wick.

**Note:** Remember always start new wick on position ① of 3-step wick adjuster.



## 7. REASSEMBLE THE HEATER