

## WICK REPLACEMENT

**WARNING:** Before disassembling your heater, allow it to cool completely.

1. Release the automatic extinguisher by pushing the manual shutoff button.

2. After the heat chamber has cooled completely, open the grille, and remove the heat chamber. Remove batteries from the battery holder on the rear of the cabinet.

3. Take off the wick adjuster knob from its shaft by pulling outward.

4. Lift out the removable tank and set it aside. Remove the three (3) thumbscrews at the sides and rear of cabinet, and lift cabinet off, bringing it slightly forward to clear the wick adjuster shaft.

5. Disconnect the two electrical leads (red and white) attached to the battery holder.

6. Remove the three (3) wing nuts around the wick adjuster. Lift the wick adjuster off the heater while moving it slightly back and forth.

7. 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.

8. Replace the wick adjuster knob on the wick adjuster shaft. Place the wick adjuster on its side. Next, line up the three (3) openings 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.

**WARNING:** NEVER replace the sleeve upside down.

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

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

11. Lower the wick adjuster into the fuel sub tank, guiding the tail of the wick so it fits over the primary air tube and evenly into place. Point the wick adjuster knob to the front of the heater, insure that the wick adjuster is centered over the studs on the fuel sub tank.

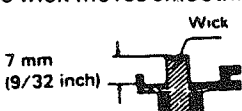
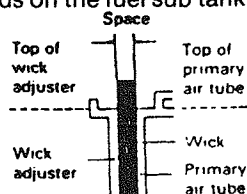
**NOTE:** The space between the wick adjuster and the primary air tube should be even all around.

**NOTE:** Make certain the top of the wick adjuster and the top of the primary air tube are the same height. If they are uneven, the flames tend to be uneven, too.

12. Tighten the three (3) wing nuts around the wick adjuster.

13. Turn the wick adjuster knob to be sure the wick moves smoothly up and down.

AFTER REPLACING THE WICK, CHECK THE OPERATION OF THE AUTOMATIC EXTINGUISHER. Wick height on position (1) of the wick life extender should be 7 mm (9/32 in.) when wick adjuster knob is turned fully clockwise. Be sure to check.



**NOTE:** If wick does not move smoothly and easily, or wick height on position (1) of the wick life extender is not in the range of 6-7 mm (1/4-9/32 in.) do not use heater. Disassemble and repeat item 8 thru 13.

**NOTE:** If any ragged edges appear on the top of the wick, trim them with a scissors carefully. DO NOT cut the body of the wick.

14. Reconnect the red and white electrical leads to the battery holder. Remove the wick adjuster knob from the wick adjuster shaft.

15. Replace the cabinet, tilting it forward enough to clear the wick adjuster shaft. Secure the cabinet with three (3) thumbscrews. Replace the wick adjuster knob on the wick adjuster shaft. Replace the removable fuel tank. Replace batteries into the battery holder. Install the heat chamber. Use the wire handle to move the heat chamber left and right to insure that it is properly seated. Once again, check the operation of the automatic extinguisher.

**NOTE:** Before lighting a new wick for the first time, turn the wick to its lowest position and allow the wick to saturate with kerosene for about thirty (30) minutes.

# WICK #2A



5 1/2" wide x 7" long (Dia. 85mm/3 3/8")

ENVIROTEMP .....Radiant 101 (30497), Radiant Fan 111 (30494)

KERO SUN .....Omni 85 Types I, J, K (since 1987) (#20450013)

Sunstream II, Radiant 40, Radiant 101,  
Radiant Fan 111, Radiant 10 Types N & O

KOGY .....500

SEARS.....699.35135, 35210, 35211, 35212

TOYASET

by KERO SUN .....Radiant 101, Radiant Fan 111

TOYOSTOVE.....RC-41, RC-41F, DC-60, DC-80, DR-86, DR-86F;

RCA-87, SC-150, SC-150B; SR-400;

RC-11, Types D & E, RSA-850

## INSTALLATION INSTRUCTIONS