

INSTRUCTION MANUAL FOR REPLACING THE WICK

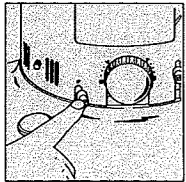
PART # 20458413

MODEL Rainbow (TYPE B, C)
Moonlighter (TYPE H, I)
Sundowner
Sunsprite

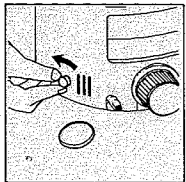


NOTE: Burning the old wick dry before you remove it will eliminate most of the kerosene and make the wick easier to handle.

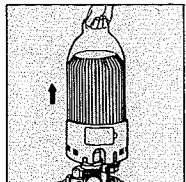
WARNING: Before disassembling your heater, allow it to cool completely. Remove the batteries from the battery holder.



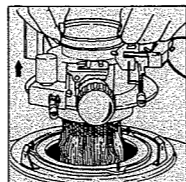
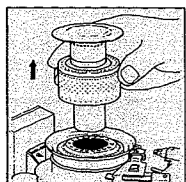
1. Release the automatic extinguisher by pushing down on the manual shutoff.



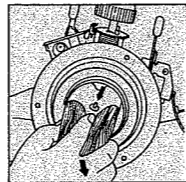
2. Remove the three (3) thumbscrews holding the heater cover, and lift cover off. Remove batteries from the battery holder.



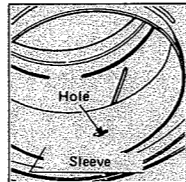
3. Lift the inner heat chamber off the hole in the primary air tube.



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



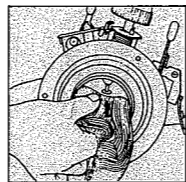
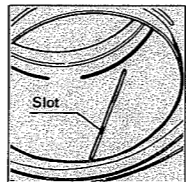
5. Slide two fingers between the orange band on the wick and the silver wick sleeve attached to the wick adjuster. Lift the pins in the wick off the slots in the wick sleeve. After lifting all three (3) pins off the slots, fold the wick and remove it. Leave the wick sleeve in place.



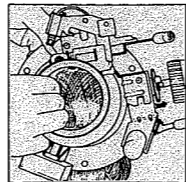
6. Place the wick adjuster on its side. Next, line up the three (3) openings in the wick adjuster: 1) the holes in the sleeve, 2) the diagonal slots in the fixed part of the wick adjuster, and 3) the slots in the moving part of the wick adjuster controlled by the wick adjuster knob.

WARNING: NEVER replace the sleeve up side down.

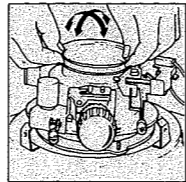
NOTE: The wick sleeve fell into disuse from models Rainbow Type C, Moonlighter Type I and Sundowner.



7. 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.



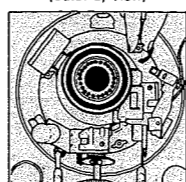
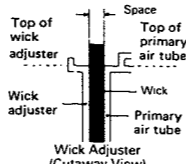
8. Finally, gently press the wick, all along its circumference, against the adjuster to insure that it is firmly in place.



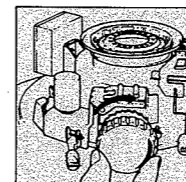
9. Lower the wick adjuster into the fuel tank, guiding the tail of the wick so it fits over the primary air tube and evenly into place. Point the wick adjuster knob to the front of the heater. Insure that the wick adjuster is centered over the studs on the fuel tank.

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 primary air tube are the same height. If they are uneven, the flames tend to be uneven, too.

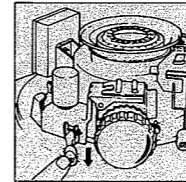


10. Tighten the three (3) wing nuts around the wick adjuster.



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

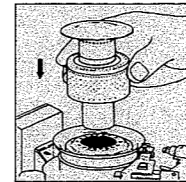
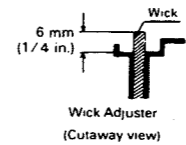
AFTER REPLACING THE WICK, CHECK THE OPERATION OF THE AUTOMATIC EXTINGUISHER.



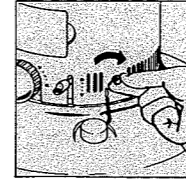
Wick height should be 6mm (1/4 in.) when wick adjuster knob is turned fully clockwise. Be sure to check.

NOTE: If wick does not move smoothly and easily, or wick height is not in the range of 5-6 mm (1/5-1/4 in.), do not use heater. Disassemble and repeat items 6 through 11.

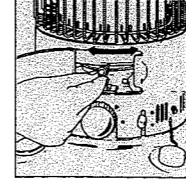
NOTE: If any ragged edges appear on the top of the wick, trim them with a scissors carefully. DO NOT cut the body of the wick.



12. Replace the inner heat chamber on the top of the primary air tube.



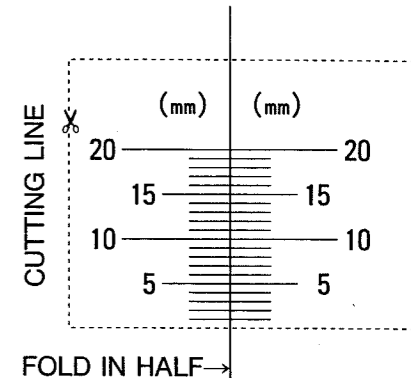
13. Replace the heater cover on the fuel tank and secure it into position with three (3) thumbscrews. Replace batteries in the battery holder. Be sure that the outer heat chamber is properly seated by moving the wire heat chamber handle left and right.



Once again, check the proper 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.

METER SCALE FOR WICK HEIGHT



TOYOTOMI U.S.A., INC.