

# WICK REPLACEMENT INSTRUCTIONS FOR REFLECTION HEATERS

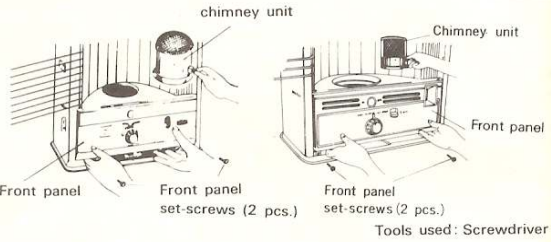
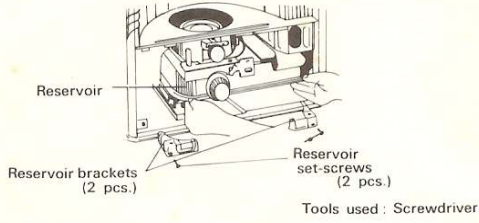
This replacement wick is of a new two piece design. It replaces the one piece wick that you may have in your heater. It has been designed to allow replacement of the top portion of the wick only. Once this wick has been installed any further replacement need be only the top portion or head. Consult your owners manual or order by stating your heater model number.

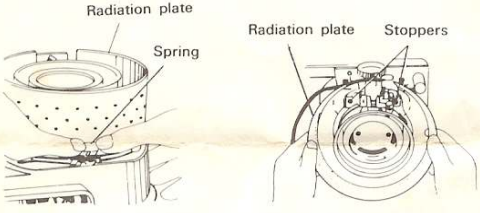
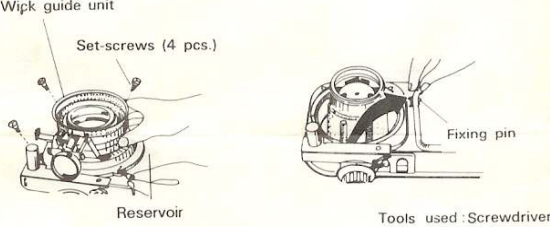
## IMPORTANT INFORMATION:

1. Since special fiber is used for the wick tip, do not trim
2. Be sure to use pure kerosene. Deteriorated or impure kerosene may cause failure of lighting, defective movement of the wick or shortening of the wick life.
3. After installing the wick, adjust it up and down to check that the wick can be smoothly moved.
4. Wipe off spilled kerosene completely.
5. After replacing the wick, fill the cartridge tank with kerosene, set it into the cabinet and wait for about 30 minutes before lighting the heater.
6. Do not cut, pull or soil wick part A and B.
7. Take care not to deform the projections of the wick A and B holders. (It may cause the wick not to move up and down.)

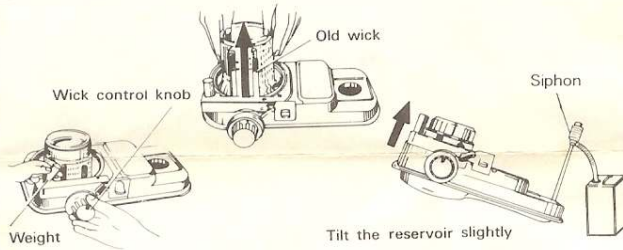
## HOW TO INSTALL THE WICK

Install the wick according to the following procedure.

1 Procedure before removing the Reservoir	2 Removal of Reservoir
	
<ul style="list-style-type: none"> <li>● Lower the wick by depressing the OFF button.</li> <li>● Remove the cartridge fuel tank and open the safety guard. Remove the chimney unit and the batteries.</li> <li>● Remove the front panel set-screws (2 pcs.) and pull the panel towards you to detach.</li> </ul>	<ul style="list-style-type: none"> <li>● Remove the reservoir set-screws (2 pcs.) and the reservoir brackets (2 pcs.).</li> <li>● First pull out the reservoir a little on the right side, and then pull it out towards you. (Put the removed reservoir on a cushion such as newspaper to protect the reservoir bottom.)</li> </ul>

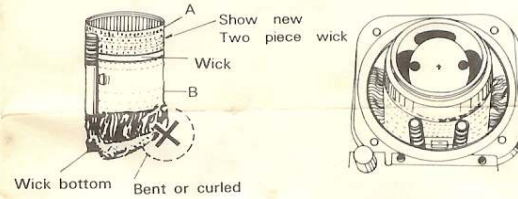
3 Removal of Radiation plate	4 Removal of Wick guide unit and Fixing pin
	
<ul style="list-style-type: none"> <li>● Push the radiation plate spring forward with the thumbs of both hands to remove the spring, and remove front stoppers (2 pcs.), then lift the plate.</li> </ul>	<ul style="list-style-type: none"> <li>● Remove the wick guide unit set-screws (4 pcs.) to detach the wick guide unit from the main tank.</li> <li>● Pull out the fixing pin.</li> </ul>

## 5 Removal of Old wick



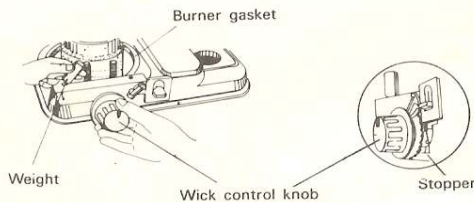
- With the weight shifted to the right, pull the wick control knob.
- Remove the old wick.
- Drain the kerosene from the reservoir and then clean the tank with fresh kerosene, and again drain the kerosene completely.  
(If bad kerosene is mixed in with new fuel, the combustion will be defective.)

## 6 Installation of Wick



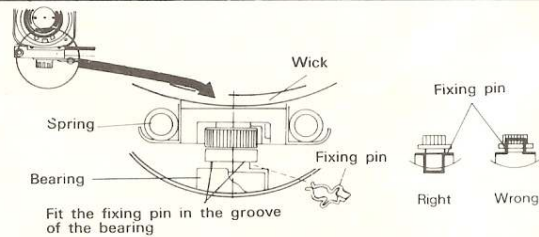
- Handle the wick with care not to deform it.
- Insert the wick until it touches the bottom of the reservoir, taking care not to bend or curl at the wick bottom.

## 7 One Step Adjustment of Control



- With the weight shifted down to the right, push in the wick control knob with the mark set to the up position and the stopper down.
- Turn the knob to the right and left to slip it in.
- Make sure that the wick can be smoothly moved up and down, and then lower the wick.

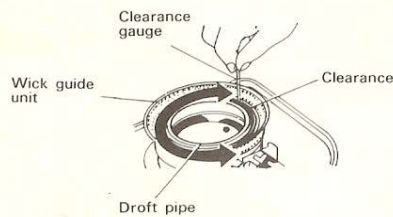
## 8 Insertion of Fixed pin



- With the weight shifted down to the right, pull the wick control knob to make sure that it cannot be pulled out.
- The fixing pin should be installed in the correct position, otherwise it will rotate along with the wick control knob.

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## 9 Completion, Clearance Adjustment



● Clearance gauge.

- Assemble the parts by reversing the procedure 1~4.
- Remember to place the burner gasket and fixing pin.
- When installing the wick guide unit, take care not to deform the wick tip.
- Evenly tighten the wick guide unit set-screws (4 pcs.) so that the clearance between the wick guide unit and draft pipe is uniformly provided, while checking it with the attached clearance gauge.

- If the clearance is not uniform, it may be unable to lower the wick resulting in defective combustion.
- Completely tighten the set-screws. Loose screws may cause serious troubles to occur.
- Depress the OFF button and make sure that the wick control knob is shifted back to the OFF position. If the operation is defective, readjust and check.

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**Use the smooth end of a 5/32" drill bit as a clearance gauge.**

**The "Wick Replacement Tool" has not been available in decades - and is not needed.**