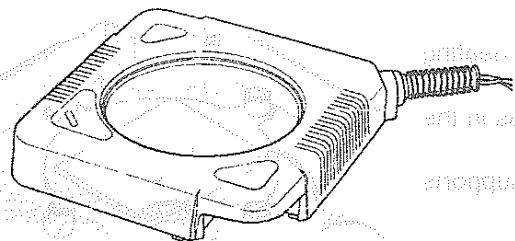


HAKKO CUP WARMER

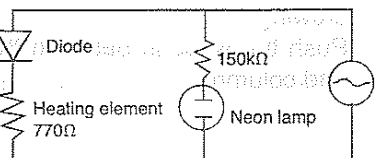
Assemble manual for HAKKO Cup Warmer

⚠ Caution

- * The temperature of the heating plate and around it is become over 90 degrees Celsius, do not touch the heating plate directly by hands.
- * Do not put off the socket by pulling the power cord.
- * Do not put the plastic products and aluminium products on the heating plate.
- * This product is not for heating up the drinks in the cup but is for keeping warm them.

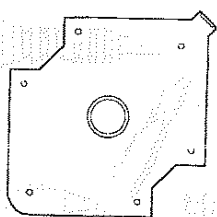
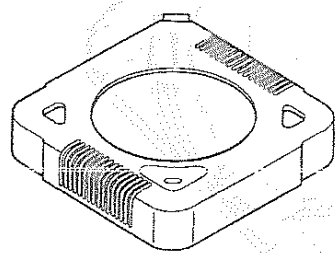


Drawing diagram

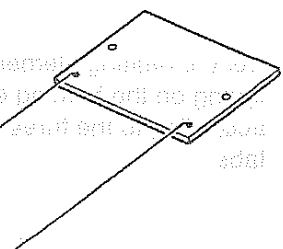
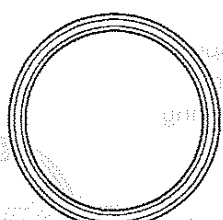
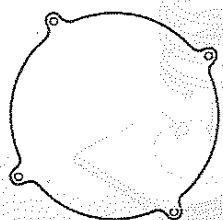


Packing list (Parts list)

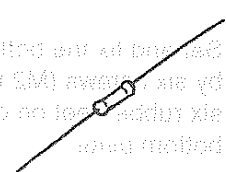
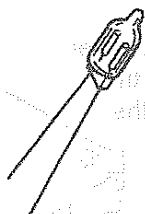
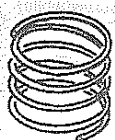
1. Cover -----1pc 2. Base plate (Chassis) -----1pc



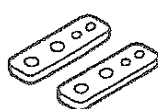
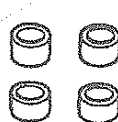
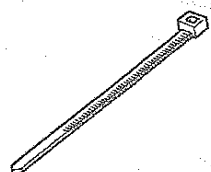
3. Heating plate ----1pc 4. Ring gasket-----1pc 5. Heating element ---1pc.



6. Heating element support spring ----1pc. 7. Neon lamp ----1pc. 8. Resistor -----1pc.



9. Tie wrap -----1pc 10. Spacer -----4pcs 11. Terminal -----2pcs.



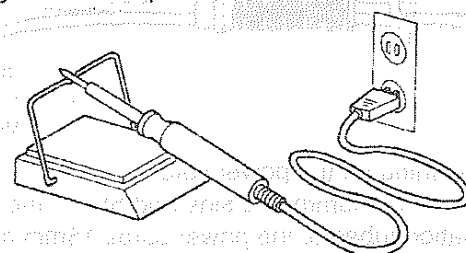
12. Heater lead/Red/300mm. -----1pc.
 13. Glass tube/ ϕ 2.5mm/300mm. -----1pc.
 14. Glass tube/ ϕ 1.0mm/39mm. -----1pc.
 15. Washer -----4pcs.
 16. Screw/Gold/M2.6x6 -----2pcs.
 17. Screw/White/M2.6x8 -----10pcs.
 18. Power cord -----1pc.
 19. Cord bush -----1pc.
 20. Plug -----1pc.
 21. Rubber foot -----6pcs.
 22. Sticker -----1pc.
 23. Solder wire -----Some
 24. Manual -----1pc.
 25. Diode -----1pc.
 26. Glass tube/ ϕ 2.5mm/37mm.-----1pc.

Required tools for assembling

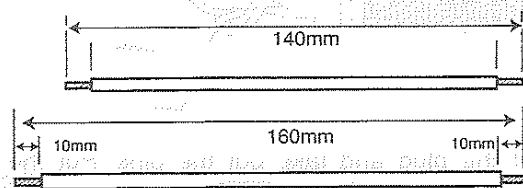
1. Soldering iron
2. Screw driver (+)
3. Pliers
4. Scale
5. Wire cutter

Assembling the neon lamp

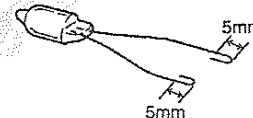
- ① Plug the soldering iron in and place it on the iron holder.



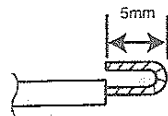
- ② Cut the heater lead (Red 300mm) into 160mm and 140mm pieces. Strip the insulation 10mm both ends of each wire. After stripping the insulation, twist the strands together to prevent the strands from separating.



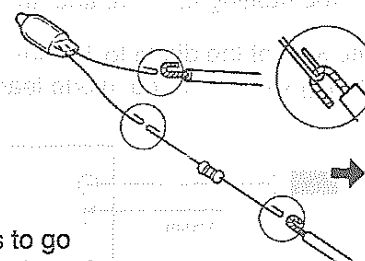
- ③ a. Form the leads of the resistor and the neon lamp with a 5mm hook.



- b. Form the red wires with a 5mm hook.

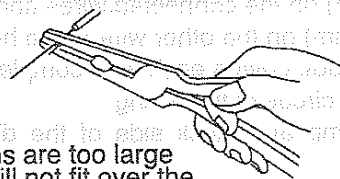


- c. Connect the hooks of the neon lamp and the cut wire (Red 140mm), the other side of the hook of the neon lamp and the resistor and the other side of the hook of the resistor and the cut wire (Red 160mm).



* Compare the assembled parts with the drawing to check

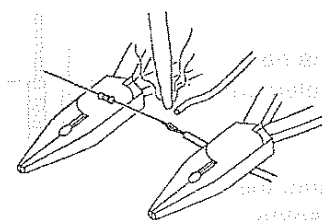
- d. Press all connections to go through the glass tubes by using



⚠ Caution

If the connections are too large the glass tube will not fit over the wire and leads.

- e. Soldering all connections (three points) of the hooks.



The process of soldering

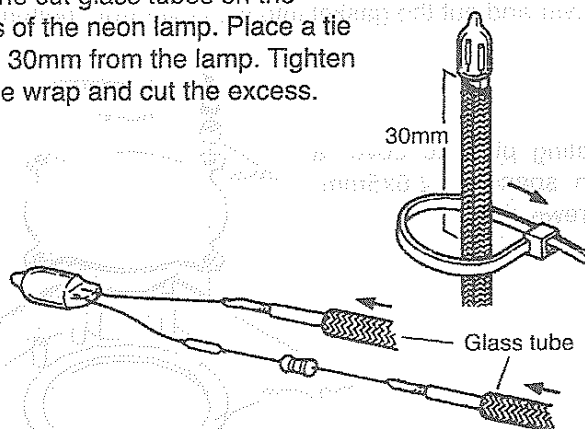
- 1) Put the heated tip of a soldering iron on the connection.
- 2) Feed the solder wire to the point.
- 3) Remove the soldering iron tip carefully.
Leave the wires still for a few seconds while as the solder to solidifies.

- ④

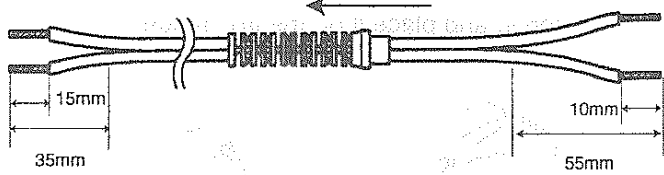


Cut the glass tube (300mm) in the middle (make 150mm tube x 2pcs).

- ⑤ Put the cut glass tubes on the wires of the neon lamp. Place a tie wrap 30mm from the lamp. Tighten the tie wrap and cut the excess.

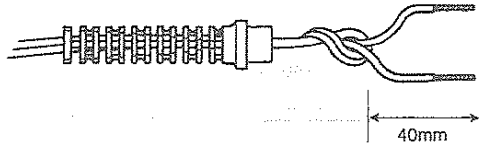


⑥ Assembling the power cord

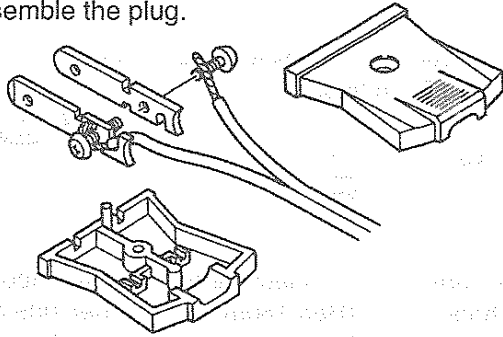


1. Put the cord bushing on the power cord.
2. Split the power cords 35mm one side and 55mm the other side.
3. Strip the insulation tubes of the power cords 15mm at 35mm split side and 10mm at 55mm side.

⑦ Tie the 55mm split side of the cords as shown in the drawing.

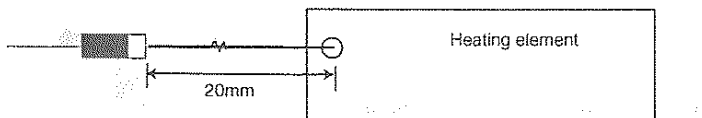


⑧ Remove the cover of the plug and take out the pins. Put the wire through the indent of pin from the inside, hook it on the screw in the outside of the pin clockwise as the drawing, and tighten the screw tightly. Then, reassemble the plug.



⑨ Put the diode between the heating element and the terminal.

- a. Cut the wire on the white side of the diode to 10 mm.
- b. Twist the wire of the heating element to cut diode lead. Make the total length 20mm.

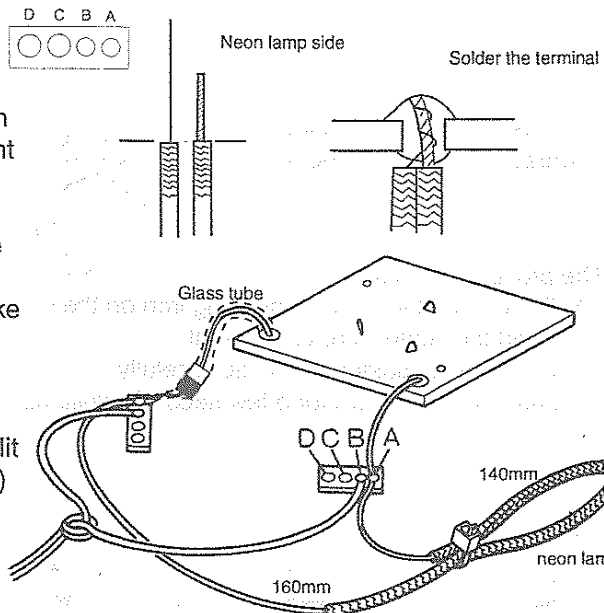


- c. Put the glass tube (φ 2.5 x 37mm) on the connected wires and the diode.
- d. Put the glass tube (φ 1.0 x 39mm) on the other wire of the heating element.
- e. Make sure that each the glass tube covers each wire completely. If not, it may cause an electric shock or short circuit of the wiring.
- f. Twist the wires of the neon lamp and black side of the diode together as drawing.

Twist the wires from the neon lamp and the heating element together as the drawing.

Put the twisted wires into the terminal hole (A) and solder them from the bottom side like the drawing.

Put the power cord 55mm split side into the terminal hole (B) and solder it from the bottom side (2pcs). Cut any surplus wire from the connection.

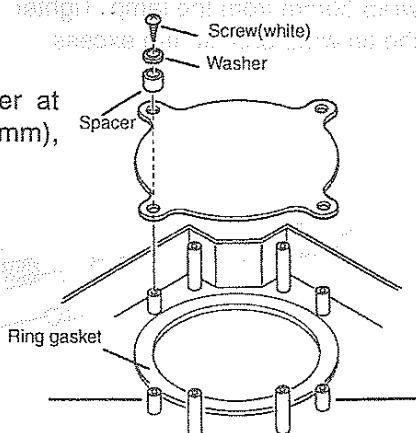


⑩ Unplug the soldering iron and let it cool.

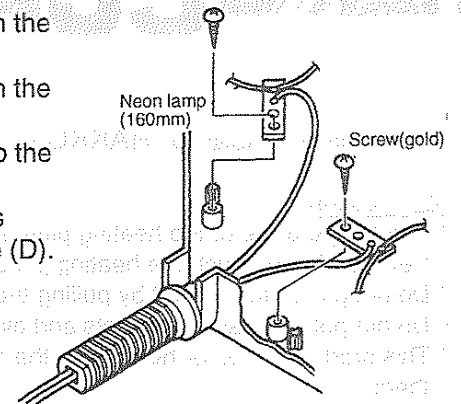
Assemble the mainframe

⑪ Turn the cover over and put the gasket into the cover from bottom side.

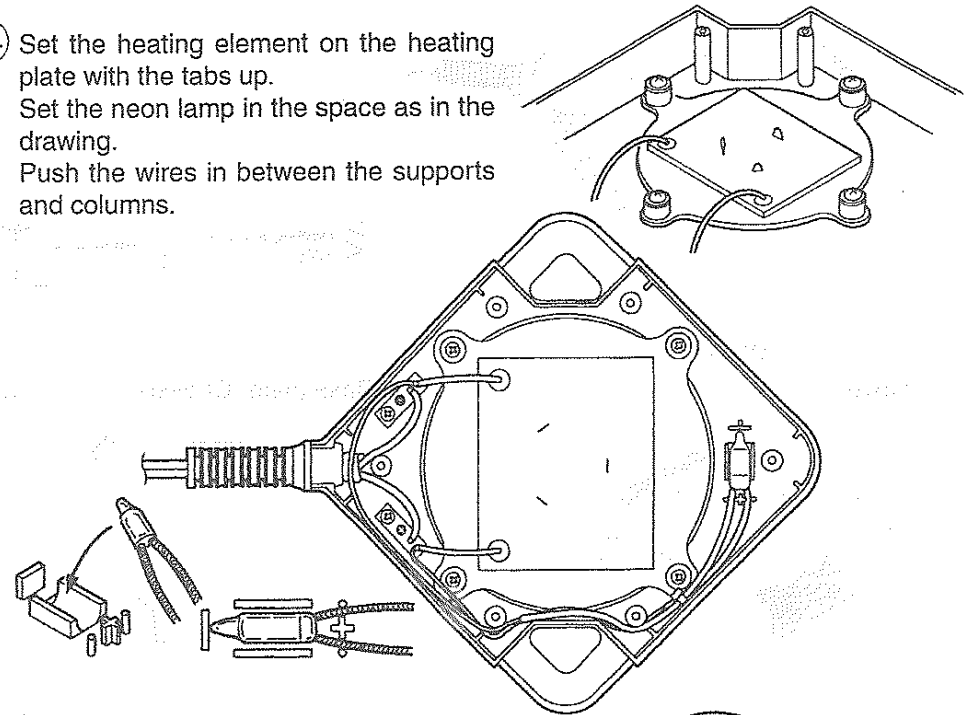
⑫ Secure the heating plate to cover at four points with spacers (φ 6x5mm), washers and screws.



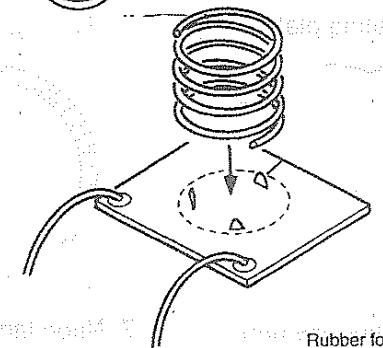
- ⑬ Push the cord into the cover. Secure the terminal with 160mm wire on the left side of the support. Secure the terminal with 140mm wire on the right side of the support.
 - * At this time set each terminal hole (C) to the support shaped plus.
 - Fix each terminal to the cover by screws (M2.6x6 Gold) through the terminal hole (D).



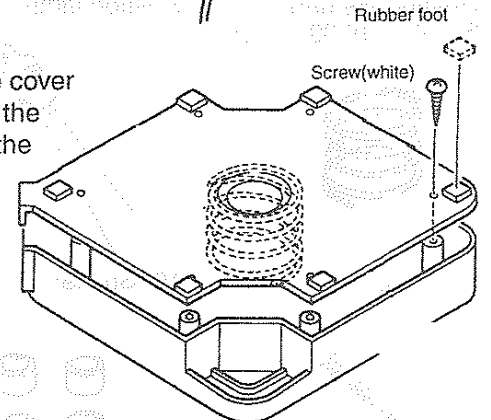
- ⑭ Set the heating element on the heating plate with the tabs up. Set the neon lamp in the space as in the drawing. Push the wires in between the supports and columns.



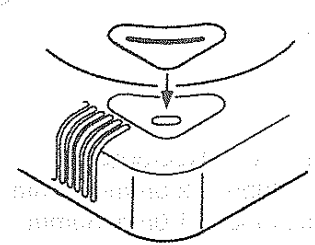
- ⑮ Set the heating element support spring on the heating element according to the three supporting tabs.



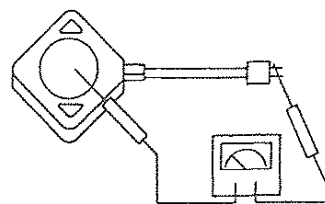
- ⑯ Set and fix the bottom plate to the cover by six screws (M2.6x8 White). Put the six rubber feet on each corner of the bottom plate.



- ⑰ Put the sticker on the cover over the neon lamp at the corner.



Check the completed cup warmer by the multi meter.



Check the insulation between the heating plate and the pins of socket. - No conduction.

If it can conduct DO NOT PLUG IN THE CUP WARMER. - Read the manual again and check the assemble.

產品中有毒有害物質或元素的名稱及含量

部件名稱	有毒有害物質或元素					
	鉛(Pb)	汞(Hg)	鎘(Cd)	六價鉻(Cr(VI))	多溴聯苯(PBB)	多溴二苯醚(PBDE)
泵組件	x	o	o	o	o	o
過濾管接合套	x	o	o	o	o	o
吸錫槽部分	x	o	o	o	o	o
插頭	x	o	o	o	o	o

o : 表示該有毒有害物質在該部件所有均質材料中的含量均在SJ/T 11363-2006標準規定的限量要求以下
 x : 表示該有毒有害物質至少在該部件的某一均質材料中的含量超出SJ/T 11363-2006標準規定的限量要求
 注有「附帶BS插頭」之時,表示「插頭」為含有有害物質的部件。

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May 2002
 MA01162XU020528