

**DIRECTIONS**  
**FOR**  
**OPERATING**  
**FARMOR**  
**KEROSENE MANTLE WICK LAMP**



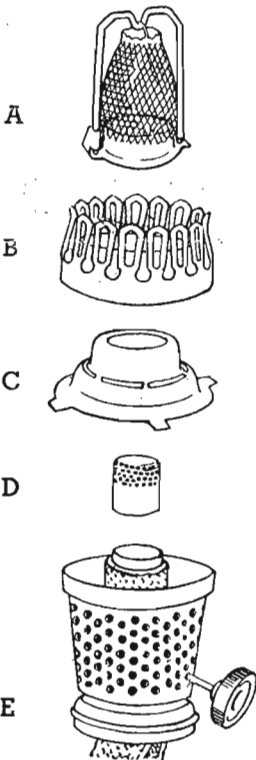
Manufactured By  
**Farmor Manufacturing Co., Inc.**  
St. Louis, Mo.

# FARMOR PARTS

## in Assembly Order

### CHIMNEY

Extra strong, heat-resisting glass . . . designed to give a large amount of white light. Made extra high for proper draft to bring out full brilliance of lamp.



### A. MANTLE WITH HOLDER

The mantle is made of a chemical ash which becomes brilliantly incandescent after wick is lit. *Handle the mantle very carefully by the wire frame; it is fragile and easily broken; the touch of a finger may cause damage.* A special coating which strengthens mantle for shipping burns off the first time it is used; **before or after that the mantle cannot be touched.**

The mantle holder consists of a U-shaped wire frame which supports the mantle over a metal ring. This wire easily detaches from the ring when installing a new mantle. The metal ring fits into the gallery.

### B. GALLERY

The gallery looks like a crown; the mantle with holder fits into it. The chimney fits over the mantle and holder and rests in the gallery. *Always handle and lift the complete unit of chimney, mantle with holder, gallery, and air baffle as one piece.* This complete unit fits over the burner.

### C. AIR BAFFLE

The air baffle fits snugly in the bottom of the gallery. To fit the air baffle into the gallery, place it on a flat surface and press the gallery and chimney over it.

### D. FLAME SPREADER

The flame spreader is a perforated cap which fits into the top of the inside tube of the burner. *It controls the angle of flame and must be pushed in, perforated end up, as far as it will go.*

### E. THE BURNER

The burner is the large unit which fits directly on the fount. In the center of the burner is the wick assembly which consists of two straight tubes, one inside the other. Between these two tubes, the wick slides up or down by means of the adjustment wheel on the outside. As mentioned before, the flame spreader fits into the top of the inside tube.

# TO ASSEMBLE AND OPERATE Farmor Kerosene Mantle Lamp

## READ ALL INSTRUCTIONS BEFORE STARTING TO ASSEMBLE LAMP

Carefully unpack parts of lamp, remove all packing material so that entire lamp is clean and free of foreign material. Fill fount with kerosene.

**To Assemble Burner.** Insert flame spreader (D), perforated end up, in top of inside tube of burner. Seat as far down as it will go, so that bottom of lower line of holes in spreader will be  $\frac{3}{64}$  of an inch above edge of inside tube. *If improperly set, when lit the flame will spread out at an angle and cause carbon spots on side of mantle.* Screw completed burner unit into fount. Be sure burner is straight in threads before screwing tight; do not cross threads or they will be ruined and burner cannot be assembled easily thereafter.

**To Prepare Wick.** *Fill lamp with kerosene and allow the wick to soak for 24 hours for it to become thoroughly saturated with kerosene.* Always keep fount well filled to insure best operation.

**To Handle Mantle.** After wick has been prepared, read instructions on mantle box. Burn off coating by touching flame only to top of mantle. Be sure you do not touch mantle with match stick. Remove mantle with holder from packing carton and fit on gallery. Fit chimney as far into gallery as it will go. Set air baffle on table and press gallery with chimney and mantle down on it. **Always handle chimney, mantle with holder, gallery and air baffle joined together, as a unit.** Set on a level spot and see how mantle hangs. The bottom edge should hang an even distance away from all sides of metal ring. If it does not, carefully bend wire for proper adjustment. Replace complete unit over burner.

**To Light Burner.** Lift off complete unit of chimney, mantle with holder, gallery and air baffle. Turn wick up until top is about  $\frac{1}{16}$  of an inch above edge of central tube. **For best results, the top of the wick must be smooth and clean;** remove any strings of wick material or uneven deposits of carbon. (See paragraph "To Clean Wick"). Apply match flame and let it spread around wick. Set the complete chimney unit (chimney, mantle with holder, gallery and baffle) over burner; be sure unit is secure.

If flame should snuff out when chimney is placed on, turn wick lower, remove complete chimney unit, relight lamp and replace chimney unit.

With a little experience you will soon know how far to turn wick before placing chimney in position.

**To avoid breaking mantle and prolong its life, always remove chimney, mantle with holder, gallery and air baffle joined together.** Lamp shade should be placed on chimney before it becomes very hot. If the cold wire of the shade support is placed on the hot chimney it will cause chimney to crack, therefore, the shade should be placed in position as soon after lighting the lamp as possible so the chimney and wire shade support warm up together.

**To Adjust Light.** Turn wick up until the mantle starts to glow; allow it to burn for a few minutes. As lamp warms, the flame increases. Repeat the adjusting process after burner parts warm up thoroughly (about 5 to 10 minutes). If it goes too high, and spots form, turn wick down a little and they will disappear, slowly burning off.

**To Put Out Light.** Turn wick down as far as it will go and lightly blow across the top of chimney like an ordinary kerosene lamp.

**To Handle Chimney Unit.** After lamp is assembled and protective coating burned off mantle, remove chimney unit only when necessary to relight burner. *Always handle chimney, mantle with holder, gallery and air baffle joined together.* Remove chimney from the gallery only when necessary to clean it.

**To Clean Wick.** Remove flame spreader from inside tube of burner. Adjust wick so it is even with top edge of inside tube of burner. Lay the blade of a sharp knife against the wick and slowly draw the knife toward you. In this way pare off carbon and then smooth with finger, *Do not trim or cut the wick.* Wick edge should always be charred and smooth.

**To Char Wick.** If wick becomes uneven so flame has long tips, remove chimney, mantle with holder, gallery and air baffle as one piece. Take burner off the fount. Heat a piece of flat steel or any other smooth surface metal until red hot. Turn wick up until its edge is about 1/64 of an inch above top of tubes, hold hot metal in pliers and sear top of wick so it is smooth and even with top of tubes. Be sure the wick is even all the way around; never use wick with high or low spots; this will make an uneven flame and you will not get best performance from your lamp.

**To Thread Wick.** With ordinary use the wick which comes with the new Farmor lamp will last about a year. The following directions are for your convenience when a new wick is needed. Remove wick from package. Remove flared end piece from the top of the outer wick tube, pull out the old wick together with its metal band and gear rack.

Now insert the tails of the new wick into the space between the inner and outer wick tubes and work down until they can be reached from the bottom of the burner and pull them through. A string or small wire attached to the bottom of each tail and dropped through the wick space will help in drawing wick down through burner. Be sure to remove such string or wire before assembling lamp. As soon as the rack teeth engage the gear wheel the wick adjusting wheel can be used. When wick is in place, replace flared top of outer wick tube and reassemble lamp.

### **Before Lighting, Check These Four Points:**

1. Make sure flame spreader is properly seated.
2. Make sure wick edge is clean and smooth.
3. Make sure mantle hangs straight and even.
4. Make sure all parts of burner are assembled in proper order, A, B, C, D, and E.

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**St. Louis, Mo., U. S. A.**