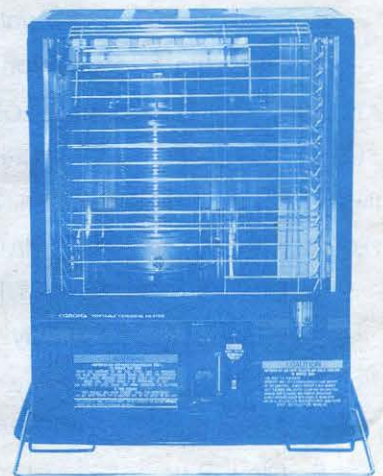


CORONA™

CORONA PORTABLE KEROSENE HEATER OWNERS' MANUAL



MODEL SX-2E



Before using your heater, please read this manual carefully and completely, and keep it for future reference. Use heater only in accordance with state and/or local regulations, ordinances and codes.

This instruction manual is important to you. PLEASE READ IT THOROUGHLY.

This manual will show you how to assemble, operate and maintain your heater for best performance. It shows you simple things to check before you contact your Corona dealer...This will save you the cost of unnecessary service.

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SPECIFICATIONS

MODEL: SX-2E

TYPE: Radiant/Reflection

HEATING OUTPUT: 10,000 BTU/hr.

HEATING AREA: Approx. 370 sq. ft.

TANK CAPACITY: 0.98 gallons

OPERATING TIME: Approx. 13 hrs.

DIMENSIONS: 20½(H)×17(W)×14(D) inches

WEIGHT: 20.3 lbs. (empty)

BATTERIES: 2 "D" size cells

REPLACEMENT WICK: NO. 200-01 (CORONA)

SAFETY INSTRUCTIONS

Before using your heater, read these important words of caution.

⚠ WARNING:

1. Risk of Explosion
 - A. Never use any fuel other than water clear No. 1-K kerosene (ASTM1-K) or synthetic fuels for use with kerosene-fired portable heaters. Never use gasoline.
 - B. Never refill heater fuel tank when heater is operating or still hot.
 - C. Never fill heater fuel tank in living space. Fill heater tank outdoors.
 - D. Never use heater in areas where flammable vapors or gases may be present.
 - E. Never store or transport the fuel in other than a metal or plastic container that is acceptable for use with the specific fuel, nonred in color, for 1-K kerosene clearly marked, "kerosene", or is in the original container for the Synthetic Fuel. Never store fuel in the living space.

⚠ WARNING:

2. Due to high surface temperature, keep children, clothing, and furniture at least three feet away from the heater while in operation. High temperatures can produce severe burns and cause ignition of clothing or furniture.

⚠ WARNING:

3. Risk of indoor air pollution. Use your heater only in well-ventilated areas. People with breathing problems should consult a physician before using the heater.

⚠ WARNING:

4. Do not use heater to heat or boil water or use as a cooking appliance. Placing cooking vessels on top of heater may create a risk of abnormal burning.

⚠ WARNING:

5. Never use containers that have been used for other fuels such as gasoline, paint thinner, alcohol, benzol, No. 2 fuel oil, diesel oil, white gas or camping stove fuel. Contamination may cause wick fouling smoking or high flames.
6. Never move, handle, service or refuel your heater while it is operating or still hot.
7. Never leave your heater unattended while in use.
8. Never allow children to operate or refuel heater.
9. Never place your heater in high traffic areas such as doorways or hallways. Be sure heater is sitting on level surface during operation.
10. Never place your heater in windy or drafty locations.
11. Never use your heater in a moving vehicle.
12. Always extinguish heater before sleeping.
13. Never attempt to modify or repair the Automatic Shut-off System.
14. In the safe operation of the heater, the owner must monitor the heater for at least 15 minutes to be sure heater is working properly and avoid any abnormal burning.

COMBUSTION AND VENTILATING AIR FOR UNVENTED HEATERS:

In a house of typical construction, that is, one that is not of unusually tight construction due to heavy insulation and tight seal against air infiltration, an adequate supply of air for combustion and ventilation is provided through infiltration. However, if the heater is used in a small room where less than 200 cubic feet (5.7m³) of air space is provided for each 1,000 Btu per hour of heater rating (considering the maximum burner adjustment), the door(s) to adjacent room(s) should be kept open or the window to the outside should be opened at least 1 inch (25.4mm) to guard against potential buildup of indoor air pollution. Do not use the heater in a bathroom or any other small room with the door closed.

FUEL GUIDE

⚠ WARNING:

USE ONLY WATER CLEAR NO.1-K KEROSENE (ASTM 1-K) OR SYNTHETIC FUELS FOR USE WITH KEROSENE-FIRED PORTABLE HEATERS. DO NOT USE GASOLINE OR OTHER FLAMMABLE FUELS THAT WILL DANGEROUSLY INCREASE THE RISK OF FIRE.

DO NOT USE KEROSENE OR SYNTHETIC FUEL THAT IS DEGENERATED, CONTAMINATED BY IMPURITIES, OR CONTAINS WATER IN YOUR HEATER.

Degenerated or contaminated kerosene or synthetic fuel refers to;

- Fuel that has been carried over from the previous season.
- Fuel that has been stored in the sun for a long period of time.
- Fuel that has been stored with its container cover left open for a long period of time.
- Fuel that is contaminated by water, dust, oil other than kerosene or synthetic fuel, even if only by a very small quantity.
- Degenerated or contaminated kerosene or synthetic fuel is yellowish in color or smells like acid.

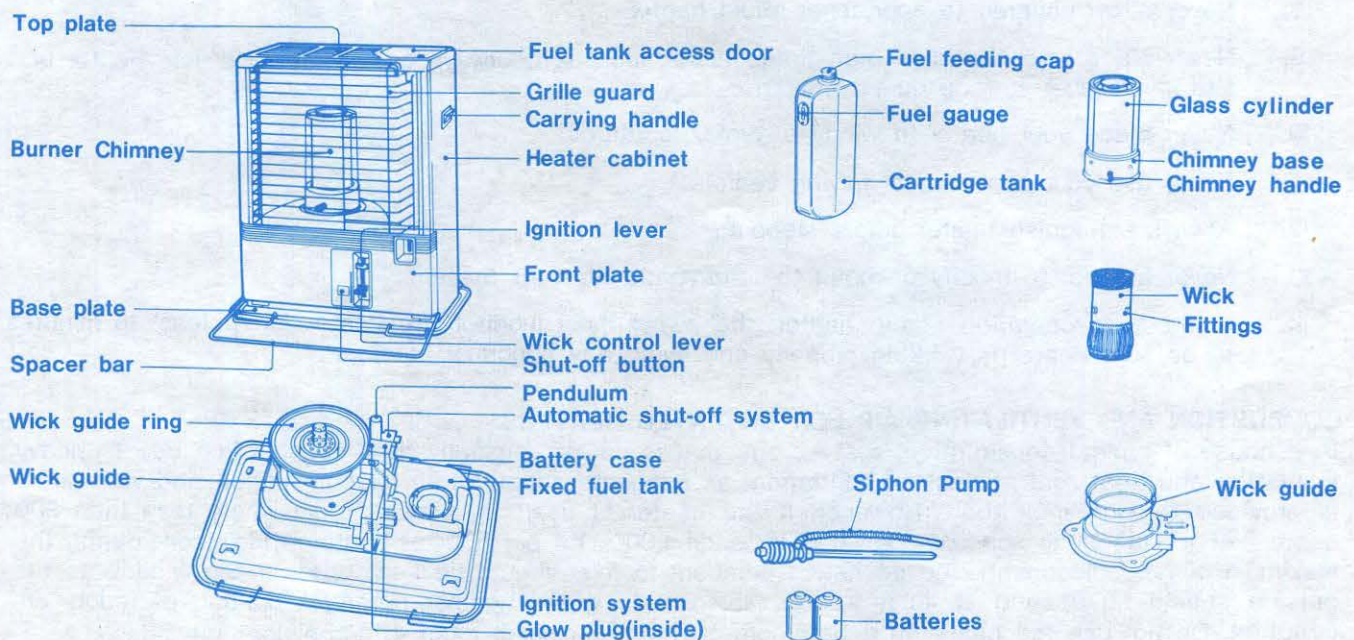
If your heater is fueled by degenerated or contaminated fuel:

- The wick rapidly accumulate large amounts of tar.
- The wick won't move up and down easily, and the heater cannot be ignited or extinguished readily;
- The burner chimney won't heat to redness satisfactorily, resulting in a decrease in heat output;
- The heater will give out an offensive smell;
- Water contaminated fuel will restrict the fuel flow through the wick and cause the flame to extinguish;
- The use of highly volatile fuels, such as gasoline and paint thinner, may result uncontrollable fire;

What to do should the fuel tank be filled with degenerated or contaminated fuel:

- Drain degenerated or contaminated fuel out of the fuel tank completely.
- Wash the fuel tank in clean 1-K kerosene or synthetic fuel two or three times.
- Repair or replace the wick, following the instructions given on page 9.
- If repair does no good, replace the wick with a new one.

MAJOR PARTS



ASSEMBLING YOUR HEATER

1. Unpacking

- 1) Open top of the carton, remove batteries and the top pad.
- 2) Take the heater and the siphon pump out of the carton.
- 3) Remove all external packing materials.
- 4) Remove the band from the grille guard and open it as described below.

Note: The grille guard is designed to open to a halfway position. Do not force it open beyond that position.

- a. Remove the catch on the upper right side of the unit by pushing it in the direction of the arrow (1).
- b. Take off the grille guard by lifting it up in the direction of the arrow (2). (Reverse the process to install the grille guard.)



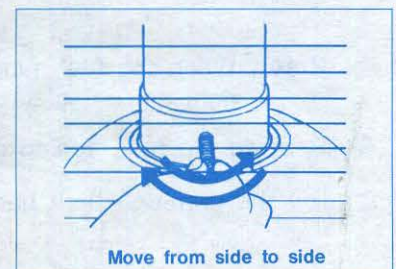
- 5) Take packing material off the burner chimney.
- 6) Open the fuel tank access door and remove packing material.

Note: Keep the carton and all packing materials for use to store the heater during the off-season.



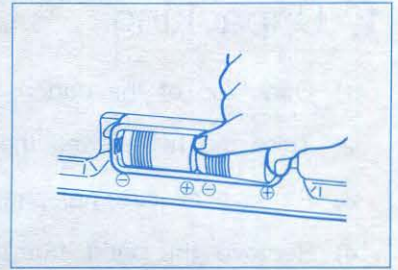
2. Placing burner chimney in right position

Put the burner chimney back to its original position. Move the chimney handle from side to side to make sure that the burner chimney is seated correctly on the wick guide.



3. Loading batteries

The battery case is placed at the back of the heater cabinet. Put two batteries in the battery case according to the (+) and (-) polarity marks.

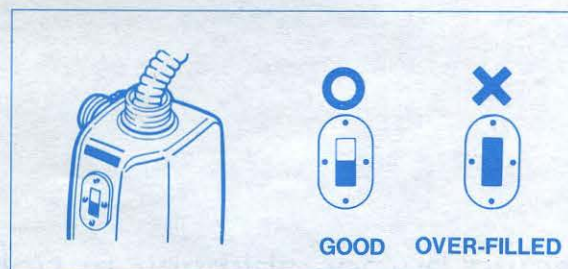
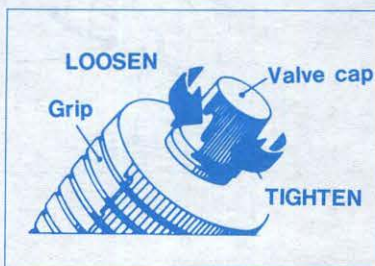


FILLING FUEL TANK WITH FUEL

⚠ WARNING: USE ONLY WATER CLEAR NO.1-K KEROSENE (ASTM 1-K) OR SYNTHETIC FUELS FOR USE WITH KEROSENE-FIRED PORTABLE HEATERS. THE USE OF ANY SUBSTANCE OTHER THAN KEROSENE OR SYNTHETIC FUELS COULD RESULT IN AN EXPLOSION OR FIRE.

⚠ WARNING: NEVER FILL HEATER FUEL TANK IN LIVING SPACE. FILL HEATER TANK OUTDOORS. TURN THE HEATER "OFF" BEFORE REMOVING THE FUEL TANK FOR REFILLING.

1. Open the fuel tank access door and take out the cartridge tank.
2. Place the cartridge tank out of harm's way in the open with the fuel feeding cap upside.
3. Detach the fuel feeding cap by turning it counterclock-wise.
4. Fill the cartridge tank with fuel using the siphon pump, which is placed in the carton, according to the following procedure:
 - 1) Put the straight tube into the fuel container and the flexible tube into the cartridge tank.
 - 2) Tighten the valve cap on the top of the grip (see illustration below).
 - 3) Squeeze the grip to let fuel flow into the cartridge tank.
 - 4) When fuel is filled almost to the middle point of the fuel gauge, loosen the valve cap of the grip and then the fuel flow will come to a stop.

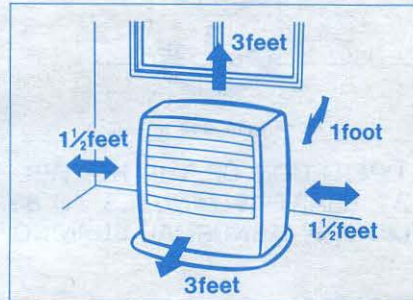


Note: When the fuel gauge turns black halfway up, it indicates that the cartridge tank is filled with right amount of fuel. Do not fill beyond this level.

5. Replace the fuel feeding cap on the tank and tighten it. Clean up all fuel spills.
6. Put the cartridge tank back in the heater.

MAKING PRELIMINARY CHECKS BEFORE LIGHTING

1. Check the heater to make sure that all packing materials are removed from it (see page 4, 6) of section 1 showing where the packing materials are in the heater).
2. Check the grille guard to make sure that it is securely fixed.
3. Check the periphery of the heater to make sure that there are no combustibles or obstacles present within the range indicated below.



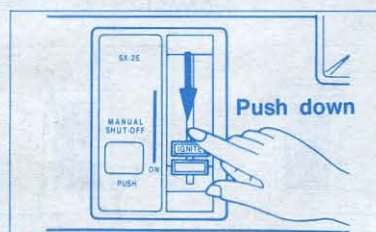
4. Check the heater to make sure that it is placed level. Otherwise the heater won't function properly.

LIGHTING YOUR HEATER

When you use the heater for the first time or after cleaning it or replacing the wick, wait at least 30 minutes before lighting it. Failure to allow sufficient time for the wick to absorb fuel in quantity sufficient to function properly will cause the flame to be too low and can damage the wick.

1. Lighting heater by means of ignition lever

- 1) Push down the ignition lever slowly until it comes to a stop. The wick control lever will go down concurrently. The heater will ignite automatically.

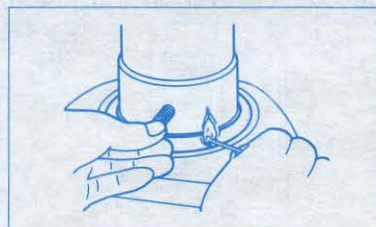


- 2) Release the ignition lever after making sure that the heater has started to burn. The ignition lever will return to the original position automatically.

Note: If the heater just gives out white smoke and fails to start burning, loosen your pressure on the ignition lever slightly and the heater can ignite.

2. Lighting heater manually

- 1) Open the grille guard and push down the wick control lever slowly until it comes to a stop to keep the wick raised to the fully.
- 2) Lift up the chimney handle as illustrated and light the wick with a match.

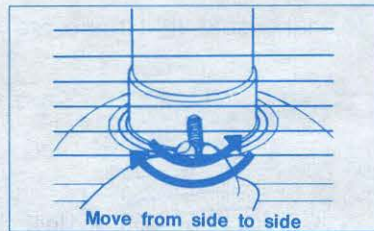


Note: Do not drop a match end inside the assembly.

- 3) Close the grille guard.

3. Checking after ignition

When the heater ignites, move the chimney handle from side to side lightly to make sure that the burner chimney is seated correctly. Failure to seat the burner correctly will cause severe smoke and soot production. And if allowed to remain in this condition for unextended period of time will partially clog the burner and may seriously damage the heater.



⚠ WARNING: IN THE SAFE OPERATION OF THE HEATER, THE OWNER MUST MONITOR THE HEATER FOR AT LEAST 15 MINUTES TO BE SURE HEATER IS WORKING PROPERLY AND AVOID ANY ABNORMAL BURNING.

ADJUSTING WICK DURING OPERATION

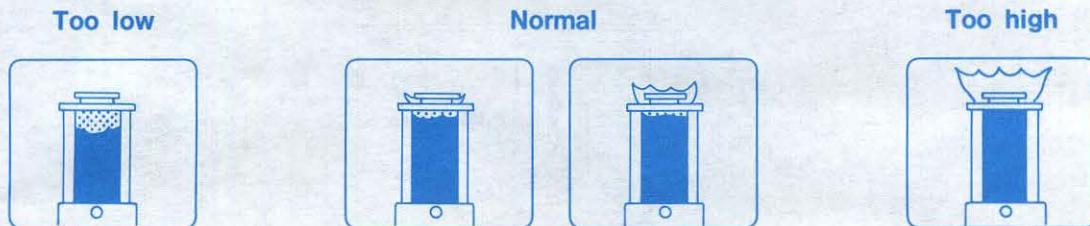
If the flame rises too high partially or red heat spreads unevenly 15-20 minutes after the heater has been ignited, shake the chimney handle from side to side two or three times.

CAUTION: USE CARE TO MOVE THE CHIMNEY HANDLE WHICH IS HEATED WHILE THE HEATER IS IN OPERATION.

If the flame continues to rise too high, adjust the wick by raising the wick control lever slowly.

The flame grows bigger when the wick control lever is lowered and it grows smaller when the lever is raised.

To adjust the wick properly, keep your eyes on the condition of the flame and the red glow (see illustration below).



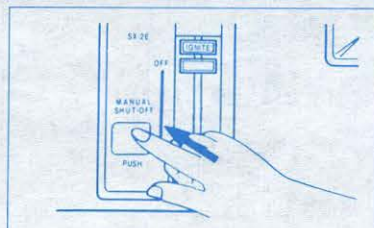
NOTE: Smoke and odor will result if the heater is operated with the flame too high or too low.

If the flame remains too high, shake the chimney handle from side to side two or three times.

CAUTION: The wick control lever is designed to be adjusted only within a limited range. Adjust the wick control lever gently and slowly within the limited range. Do not force the lever beyond this range or damage to the heater may result. If room temperature becomes too hot, either turn off the heater for a while, or increase air ventilation.

TURNING YOUR HEATER OFF

Depress the "Shut-off" button. The wick control lever should automatically return to the "OFF" position.



CAUTION: Do not try to extinguish the heater by raising the control lever. Forcing the lever could damage the heater.

If the heater does not extinguish after pressing the "Shut-off" button, the wick may be lowered by pressing the "Shut-off" button while simultaneously raising the wick control lever. These two operations must be done simultaneously to avoid damage to the heater.

IMPORTANT: If this method must be used to extinguish the heater, take it to the nearest authorized service center for servicing before attempting to use the heater.

IMPORTANT: After depressing the "Shut-off" button, always make sure the wick control lever is in the "OFF" position and the flame is completely out.

INSTRUCTIONS FOR REIGNITING YOUR HEATER AFTER BEING PUT OUT

If the heater is reignited immediately after it has been extinguished, the burner chimney will become hot and give off an odor. It is advisable to wait for about 5 minutes after extinguishing the heater in order to allow the burner chimney to cool down before reigniting it.

DAILY INSPECTION AND MAINTENANCE

CAUTION: LET THE EXTINGUISHED HEATER COOL SATISFACTORILY BEFORE MAKING INSPECTION AND MAINTENANCE WORK.

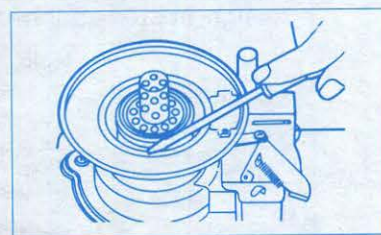
1. Checking Heater and Its Periphery — Each time before use

- 1) Check the base plate and the fuel tank from time to time to see if there are any oil leakages, spills or blots.
- 2) Always keep the heater combustion surfaces including the glass burner cylinder clean using a soft cloth to avoid the damage. If the glass cylinder is cracked or broken, replace with a new one (see page 13).
- 3) Always keep the heater clean. Especially wipe heater clean of kerosene smudges to avoid unpleasant odors.
- 4) Do not leave combustibles near the heater.

2. Wick Guide Assembly — Check once a month

Cinders will accumulate over time at the part of the wick guide assembly where the burner chimney is placed. These accumulated cinders may preclude the burner chimney from being seated properly, having adverse effects on combustion. If this is the case, remove the burner chimney and clean cinders off the assembly.

Take care not to let cinders drop into the wick guide grooves. Scrape off cinders with the tip of a "Minus" (flat blade) screwdriver.



3. Wick — Check once a week

Carbon and tar will attach over time to the upper part of the wick, causing a delay in the spread of the flame or making the heater burn poorly.

If these substances are left uncleaned, the heater will be unable to perform fully as it develops the following troubles:

- The wick will not light readily;
- The heater will give off an offensive smell;
- The heater will suffer from a decline in thermal output;
- The wick won't move up and down easily;
- It will take a lot of time from the ignition of the heater to the state of complete combustion.

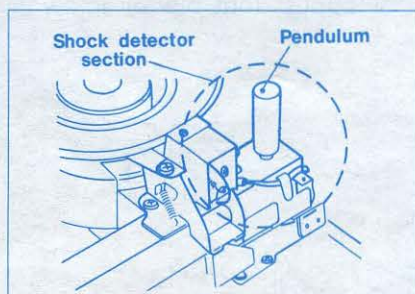
In the event of any of these problems, clean the wick in accordance with the following procedure. Once a week is recommended during seasons of heavy use. We recommend that you replace the wick with a new one each season.

How to clean the wick:

- 1) Take the heater outdoors on a windless day.
- 2) Remove the cartridge tank from the heater.
- 3) Ignite the heater letting it burn at full capacity.
- 4) Keep the heater burning until the fuel runs out and the flame dies out naturally.
- 5) If the wick is hardened due to the presence of degenerated or contaminated fuel, cleaning it once is not enough to eliminate its carbon content entirely. So clean the wick two or three times.
- 6) After you have cleaned the wick, put the cartridge tank back in the heater. Wait 30 minutes or longer to allow the wick to absorb fuel fully, and then ignite the heater.
- 7) If cleaning does not work an improvement in the wick and remains hard at its upper part, then replace it with a new one as described in "How to Replace Parts" on page 10.

4. Automatic Shut-off System — Check once or twice a month

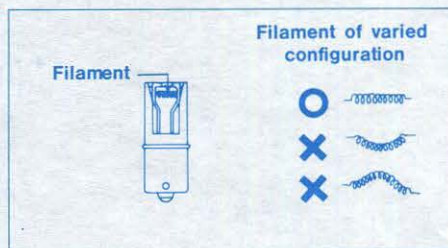
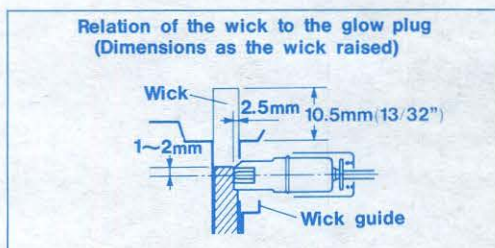
- 1) Check the automatic shut-off system once or twice a month according to the following procedure:
 - a. Remove the batteries.
 - b. Raise the wick by pushing down the wick control lever until it comes to a stop.
 - c. Move the left-hand side of the base plate to make sure that the pendulum falls and the automatic shut-off system works properly.
- 2) The shock detector section of the system will be adversely affected by dust, litter, or other foreign matter attached to it. Keep the unit clean using a soft cloth.



5. Glow Plug — Check once a month or each time before use

- 1) The glow plug is designed to meet the wick when the wick comes out 10.5mm (13/32")

- 2) The wick cannot be lighted easily if the filament of the glow plug is out of position relative to the wick. When you find it difficult to light the wick, check the filament for deformation, disconnection, or any gap relative to the wick.



- 3) If the filament is deformed, set it right using a tooth-pick or some other proper tool.
4) Replace the unmendable or broken filament with a new one (see page 12).

6. Batteries — Each time before use

The continued use of batteries will make the glow plug too weak to light the wick. Replace such batteries with new ones.

7. Ignition System — Each time before use

If the ignition system does not work properly even after the batteries and glow plug have been replaced, please contact an authorized service center or dealer.

HOW TO REPLACE PARTS

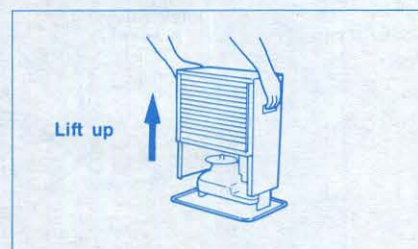
1. Wick

NOTE: Use only a genuine CORONA replacement wick, part No. 200-01 (CORONA).

- 1) Remove batteries. Press the shut-off button to lower the wick. Open the grille guard and take out the burner chimney. Pull out the ignition lever knob and the wick control lever knob, loosen and take two screws off the lower part of the front plate, and remove the front plate by pulling its lower part toward you.

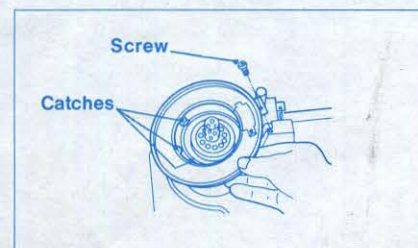


- 2) Take out the cartridge tank, remove two screws at the back of the heater cabinet, and lift the cabinet off the base plate.

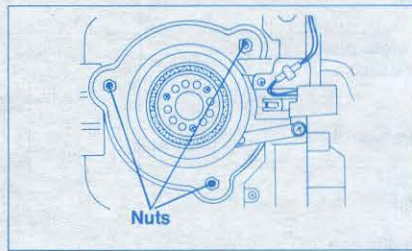


- 3) Remove the wick guide ring by taking the screw out.

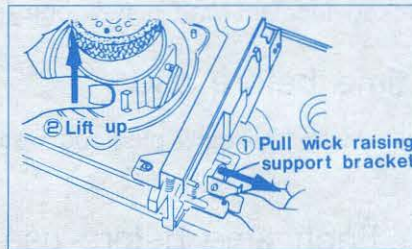
Note: Use care not to disturb the three catches of the wick guide ring.



- 4) Unfasten the three nuts that hold the wick guide in place. Remove the wick guide by pulling it up.



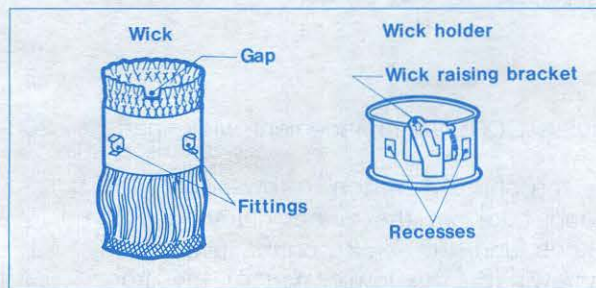
- 5) Pull the wick raising the support bracket to the right and remove the wick and the wick holder from the wick guide tube.



- 6) Detach the old wick from the wick holder and fit a new one in it.

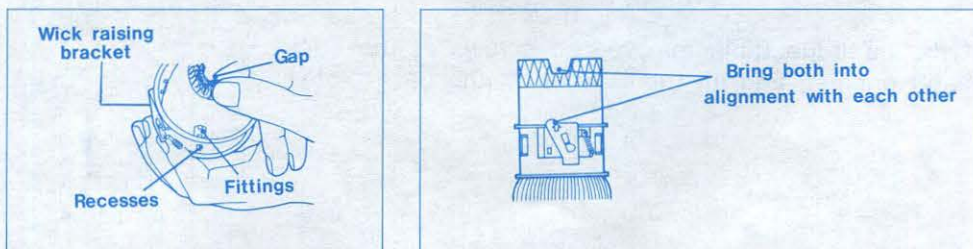
To attach the wick

- a. Adjust the gap of the wick to fit in the wick raising bracket of the wick holder.



Note: The misalignment of the wick gap with the wick raising bracket may result in damage to the glow plug or its failure to function.

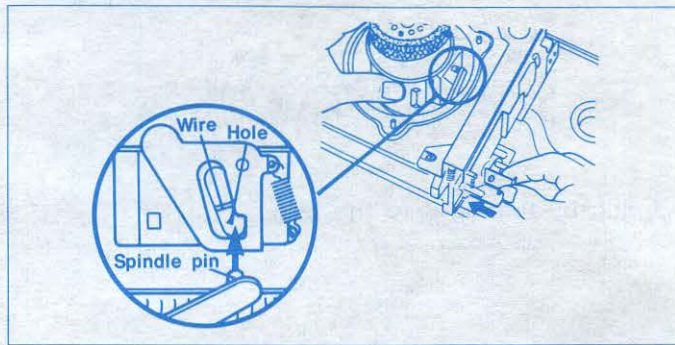
- b. Put the wick fittings (three) into the recesses (three) in the wick holder.



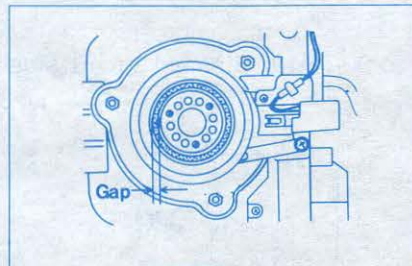
- c. Press the wick against the wick holder catches letting it stick on the catches making it fit evenly in the inner wall of the holder. Use care not to develop wrinkles and bulges.



- 7) Put the wick into the wick guide tube while keeping the wick raising support bracket pulled to the right. Fit the spindle pin into the wick raising bracket hole (beneath wire). Then force the wick raising support bracket into the left-hand side.



- 8) Put the wick guide back in its original place and fasten it with three nuts in such a way as to make an opening between the wick guide and the wick guide tube even.

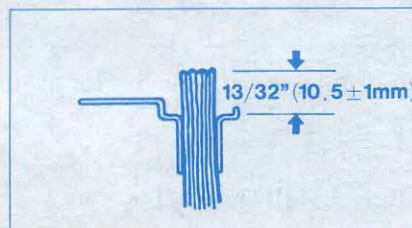


Note: Before installing the wick guide, check it to make sure that the wick guide packing is placed in the right position.

- 9) Check the wick to make sure that it moves up and down smoothly and let the pendulum fall to see that the automatic shut-off system functions properly.

IMPORTANT: If the wick fails to move up and down smoothly, remove it and attach it once again following the abovementioned procedure.

- 10) Raise the wick to the full - $10.5 \pm 1\text{mm}$ (approx. $13/32$ ") above the holder. If the wick cannot be raised to this height, repeat the abovementioned procedure to attach it correctly.

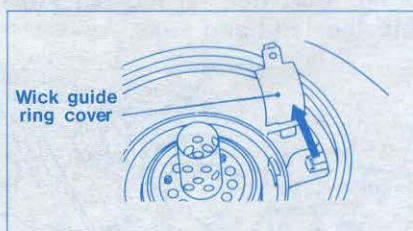


- 11) Replace the wick guide ring on the assembly and fasten it with the screw.
- 12) Install the heater cabinet, front plate, and two lever knobs, respectively.
- 13) Recheck wick height after reassembly and check that the wick adjuster and extinguishing device are operating normally before using your heater.
- 14) Replace the burner chimney and the cartridge tank on the heater cabinet.
- 15) Before ignition, wait at least 30 minutes to allow the wick to absorb sufficient amounts of fuel.

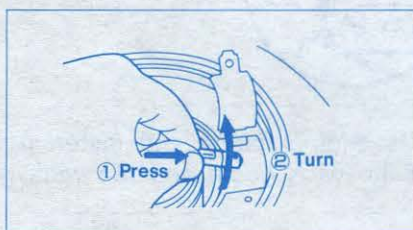
2. Glow Plug

- 1) Remove batteries.
- 2) Detach the grille guard and the burner chimney.

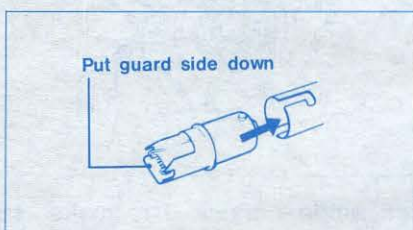
3) Take the screw off the wick guide ring cover, and open the cover.



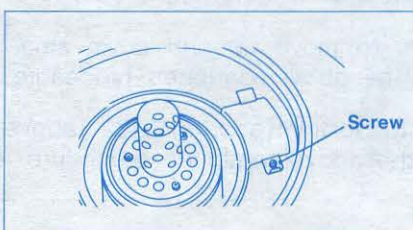
4) Remove the old glow plug by turning it to the left.



5) Put a new glow plug into the socket with filament guard side down.



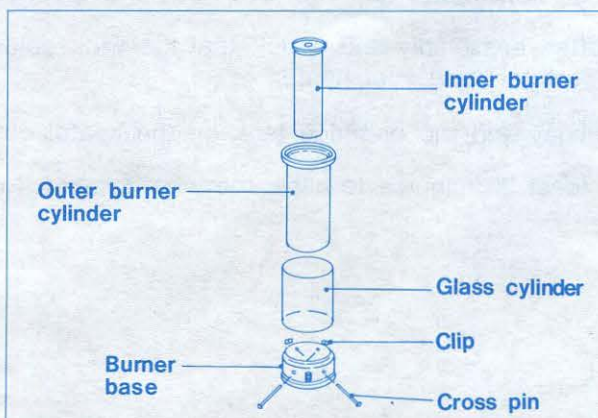
6) Check the cover to make sure that its catch is put correctly in the wick guide ring rectangular hole. Replace it by fastening it with the screw.



7) Replace the burner chimney, the grille guard, and batteries on the heater.

3. Glass Cylinder (Burner Chimney)

If the burner chimney glass cylinder is broken or cracked, replace it with a new one according to the following procedure:



- 1) Remove clips from cross pins.
- 2) Pull cross pins off the burner base.
- 3) Install a new glass cylinder.
- 4) Assemble the burner chimney correctly as illustrated.
- 5) Fasten the burner chimney securely with two clips.

STORAGE

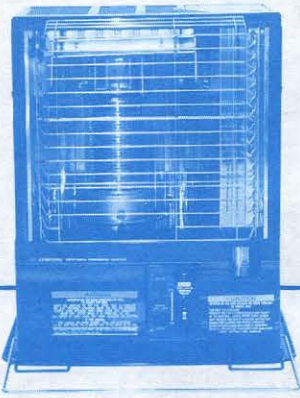
For the off-season or when it will be out of daily use for a long period of time, prepare the heater according to the following procedure before storing it:

- 1) Wash the interior of the cartridge tank with clean fuel and let it drain completely.
- 2) Clean the wick as described in "How to clean the wick" (page 9).
- 3) Remove the front plate and the heater cabinet, and drain all the remaining fuel, water, or dust out of the fixed fuel tank.
- 4) Wipe the fixed fuel tank, automatic shut-off system, wick guide, base plate, and burner chimney clean with a soft cloth.
- 5) Reassemble the heater and make the cabinet and other components clean.
- 6) Remove batteries.
- 7) Press the shut-off button to make sure that the wick control lever is placed in the "OFF" position. Cover the heater with the polyethylene bag and put it in the original carton and keep it in its storage location.
- 8) Keep this Instruction Manual for future reference.

TROUBLESHOOTING GUIDE

In case of trouble, check here before you take your CORONA heater to your dealer.

Possible Cause	Problem										Solution	
	Heater will not ignite.	Burner chimney will not heat to redness.	Flame rises too high.	Heater gives out offensive odor.	Heater burns with red flame and produces soot.	Flame will not grow large enough.	Wick cannot be moved up and down easily.	Wick will not lower.	Flame will not go out.	Flame dies out with fuel tank filled with fuel.	Burner chimney takes too long to glow red.	
Fuel may have run out.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Supply fuel.
Fuel is degenerated or contaminated with water or impurities.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Drain fuel out of cartridge or fixed fuel tank, wash it in clean fuel, and replace wick with new one.
Wick is not allowed to absorb sufficient quantities of fuel.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	After filling fuel tank with fuel, lower wick and wait 30 minutes or longer to allow wick to absorb enough fuel before lighting heater.
Wick is positioned too high.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Adjust wick position to let flame rise to correct height.
Wick is positioned too low.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Burner chimney is not properly positioned.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Move chimney handle from side to side to make burner chimney correctly positioned.
Heater has been used for many hours in closed room.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Open window occasionally to let fresh air into room.
Tar is attached to wick.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Clean wick.
Wick is not correctly fitted in holder.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Attach wick correctly.
Glow plug filament is deformed or broken.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Mend filament or replace glow plug with new one.
Batteries are not correctly positioned or are running down.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Put batteries in right position or replace them with new ones.
Burner chimney is deformed or seized up.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Replace burner chimney components with new ones.
Heater is subjected to wind or vibration.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Use heater in windless place or free it from vibration.
Wick guide assembly is out of order.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Repair or replace wick guide assembly with new one.



CORONA™ SX-2E

Replacement Parts



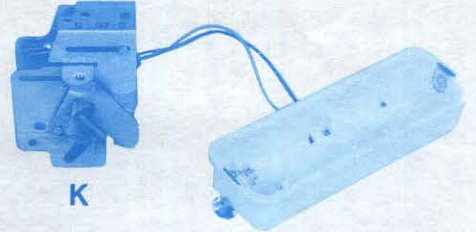
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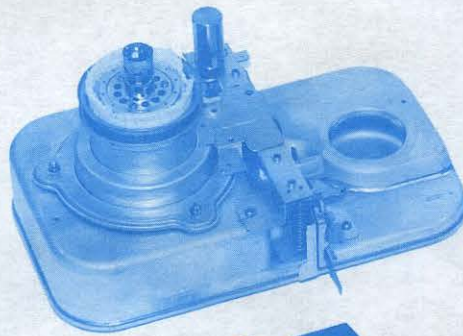
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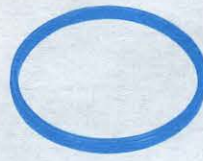
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I



N

	Part Number	Part Name
(A)	200-01	Wick
(B)	199-02	Glow plug
(C)	200-05	Burner chimney
(D)	190-06	Cartridge tank with Fuel feeding cap and Sight glass
(E)	197-07	Fuel feeding cap
(F)	200-08	Fuel receiver pin
(G)	200-09	Wick guide
(H)	200-10	Fixed fuel tank assembly with Automatic shut-off system
(I)	200-11	Wick guide packing
(J)	200-12	Wick control lever knob
(K)	200-18	Ignition system
(L)	200-20	Top plate
(M)	200-27	Glass cylinder
(N)	198-28	Battery case
(O)	200-36	Ignition lever knob

LIMITED WARRANTY

This limited warranty is extended to the original retail purchaser of this Corona heater and warrants against any defects in materials or workmanship for a period of 12 months from the date of retail sale. CORONA U.S.A. CORP. will assume responsibility to repair or replace, at our discretion, any component or unit found to be defective for this reason if the claim is made within a 12 month period. (Shipping costs are not covered by this warranty.)

This warranty does not cover the following:

1. Equipment not used or maintained in conformity with the instructions included with the heater or damage incurred after the sale.
2. Use of improper fuel. This warranty is void if any fuel other than clean, water-clear kerosene (ASTM 1-K) or synthetic fuels for use with kerosene-fired portable heaters, is used. CORONA U.S.A. is not responsible for the availability of good quality fuel in your area.
3. Batteries.
4. Wicks.
5. Ignition plugs.
6. Siphon pumps.
7. Any breakage or damages incurred through misuse.
8. Use of unauthorized or non-standard parts and accessories.

THIS LIMITED WARRANTY IS GIVEN TO THE PURCHASER IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE. THE REMEDY PROVIDED IN THIS WARRANTY IS EXCLUSIVE AND IS GRANTED IN LIEU OF ALL OTHER REMEDIES. IN NO EVENT WILL CORONA U.S.A. CORP. OR CORONA CORPORATION BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you.

CLAIMS HANDLED AS FOLLOWS:

1. Contact your dealer or the nearest Authorized Service Center and explain your problem.
2. If they cannot resolve the problem, write CORONA U.S.A. detailing the heater model, the problem, copy of the sales receipt showing date of purchase. Send letter to the attention of "Warranty Claims Dept."
CORONA U.S.A. CORP.
Polygon Plaza, Suite 450
2050 Center Avenue
Fort Lee, N.J. 07024
3. A representative of CORONA U.S.A. will contact you. **DO NOT RETURN THE HEATER TO CORONA U.S.A.**

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

**DO NOT RETURN THE EQUIPMENT TO CORONA U.S.A.
YOU WILL BE CONTACTED BY OUR REPRESENTATIVE. ALWAYS OBSERVE THE SAFETY PRECAUTIONS STATED IN THIS OWNER'S MANUAL.**

CORONA^{T.M.}
Portable Kerosene Heater

Distributed by CORONA U.S.A. CORP.
Manufactured by CORONA CORPORATION

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