Aladdin®

ENJOYMENT MANUAL

MODEL 23A KEROSENE MANTLE BURNER

60 Candlepower Modern, White Light

The Wonderful Aladdin Mantle Lamp

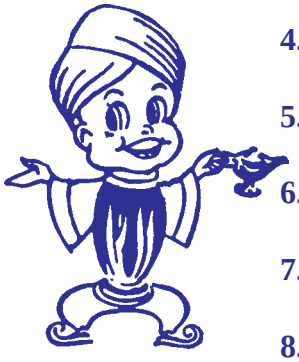
A little bit of its history, and a few hints and tips to enhance your enjoyment of this "Magical and Mystical" Lamp.

This manual is a labor of love as written by John Claypole, Tom Teeter and Steve Covington. It is dedicated to those many Aladdin Knights who had the faith, and Aladdin lovers the world over.

ALADDIN MANTLE LAMP COMPANY
681 International Blvd., Clarksville, Tn. 37040 USA
Tel: 800-457-5267 Tel: 931-647-4949 FAX: 931-647-4517
See the complete line of Aladdin Lamps @ www.aladdinlamps.com

The Trademarks ALADDIN and LOX-ON are used under license from Aladdin Industries LLC

TABLE OF CONTENTS



PAGE

1. **FRONT COVER**
2. **TABLE OF CONTENTS - RESPONSIBILITY STATEMENT AND PARTS LIST**
3. **LETTER OF INTRODUCTION**
4. **ASSEMBLING AND LIGHTING YOUR ALADDIN LAMP**
5. **ASSEMBLING AND LIGHTING CONTINUED**
6. **IMPORTANT INFORMATION ABOUT YOUR ALADDIN LAMP**
7. **GLOSSARY OF TERMS**
8. **ALADDIN LAMP TIPS *(Some good stuff here!)***

RESPONSIBILITY OF THE OWNER

The responsibility of the owner is to follow the instructions below:

1. **Carefully read and follow the instructions for safe operation.**
2. **Follow all assembly and lighting instructions.**
3. **Inspect and maintain your Aladdin lamp periodically.**
4. **Make sure all users of the Aladdin know how to correctly operate it.**
5. **Service your lamp with only genuine Aladdin replacement parts.**
6. **NEVER leave your Aladdin lamp unattended.**

GENUINE ALADDIN BRAND REPLACEMENT LAMP PARTS

PART	DESCRIPTION	PART	DESCRIPTION	PART	DESCRIPTION
R150	Lox-On Mantle	N239AB	Slip Gallery-Brass	N121B	Filler Collar-Brass
N230	#23 Wick	N239AN	Slip Gallery-Nickel	N122B	Burner Collar-Brass
N106	Flame Spreader	1080BR	10” Shade Ring-Brass	N115B	Filler Plug-Brass
N238B	Outer Wick Tube-Brass	1087CR	10” Shade Ring-Nickel	N115N	Filler Plug-Nickel
N238N	Outer Wick Tube-Nickel	1281B	12” Tripod-Brass	R103	Lox-On Chimney
N233	#23 Wick Raiser	N401N	12” Tripod-Nickel	N118B	Wall Bracket-Brass
N236AB	#23A Slip Burner-Brass	1478B	14” Tripod-Brass	N118N	Wall Bracket-Nickel
N236AN	#23A Slip Burner-Nickel	1480N	14” Tripod-Nickel	N101B	Insect Screen-Brass
N186B	#23A Elec.Burner - Brass	R910	Heel-less Chimney	N101N	Insect Screen-Nickel
N186N	#23A Elec.Burner-Nickel	N120B	Filler Cap-Brass	N108B	Light Booster

See your Aladdin retailer for a complete selection of genuine Aladdin glass and parchment shades for your Aladdin lamp.

The World's Finest Non-Electric Lamp

60 Candlepower Modern, White Light

Without Smoke, Odor, Noise or Pumping Up!

Congratulations!

Thank you for joining the family of Aladdin lamp owners.

You are now the proud owner of an oil lamp that has provided light — and pleasure to millions of people in the United States of America and millions more world wide since its invention by a Nebraska farm boy, Victor Samuel Johnson, in 1908. In many parts of the world it is still in daily use. Over these long years it has been loved by millions of people from the Arctic to the equator, as well as throughout the Southern Hemisphere (Australia 1923). Your new Aladdin will be destined to become a family heirloom, something special to be passed on to your children and your children's children. The Aladdin's longevity is legendary; many lamps made seventy or eighty years ago are still in use to this very day.

Nothing can quite match the pure joy of ownership of an Aladdin lamp or the peaceful serenity of living in its wonderful light, even in these 'Hi-Tech' days. You can switch off the intrusion of television and the electric light and enjoy the delightful peace with an Aladdin. Relax and dine with your loved ones in its silent, odorless "magical and mystical" light! Use your Aladdin also as an emergency source of light and heat in case of power outages. A couple of pints of kerosene can provide many hours of beautiful light (and heat — a single Aladdin provides around 2,800 btu's of heat) when everyone else in your neighborhood is in the darkness and shivering in the cold.

The aesthetic beauty of your Aladdin lamp allows it to complement most any room or decor in your home. The Aladdin is available in a wide choice of solid brass, chrome, glass and aluminum models. One surely will reward your needs as table, wall, shelf and hanging models are available. **An optional electric burner is available for your Aladdin, too.** Just ask your dealer.

Please take a moment to complete the consumer research card that was included with your lamp and return to us — no postage necessary. Your information will help us to provide better and more timely products for Aladdin lovers everywhere.

ALADDIN MANTLE LAMP COMPANY

ASSEMBLING & LIGHTING YOUR ALADDIN LAMP

Fig.1

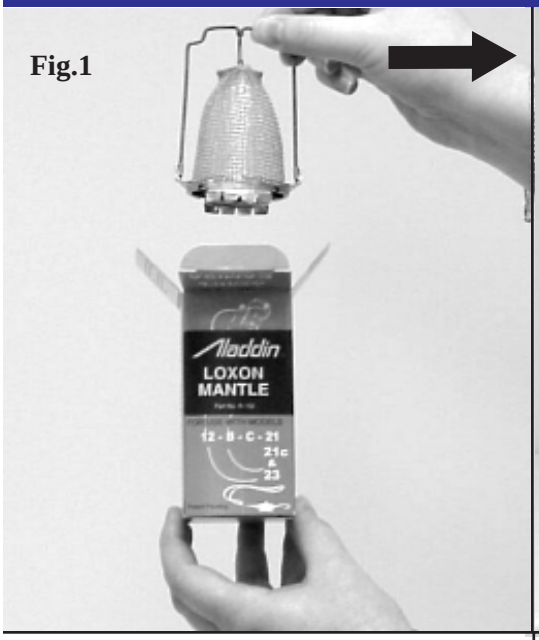


Fig.2

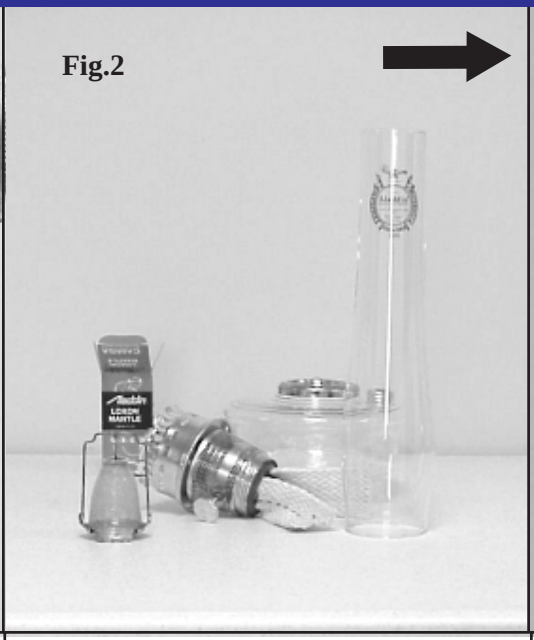


Fig.3

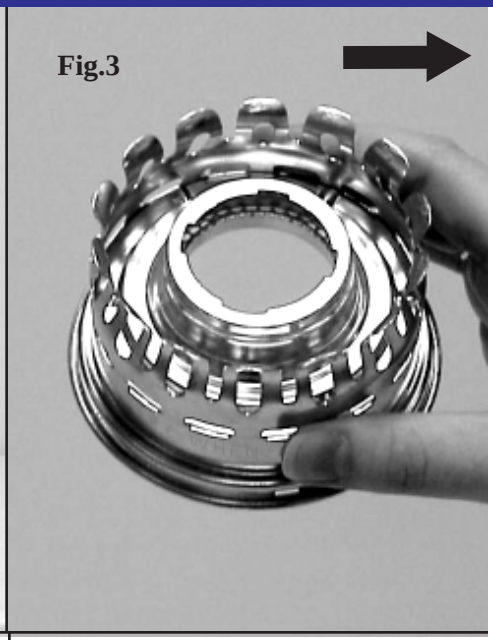


Fig.1
Remove the Lox-On® mantle from the box by handling the wire only!

Be careful not to touch the mantle fabric as it could fracture.

Fig.2
Carefully unwrap all the parts of your lamp including bowl, burner, mantle and chimney. The glass items and mantle are very fragile. Handle with care.

Fig. 3
ADJUST THE GALLERY
Install chimney. If chimney fits too loosely, remove and adjust prongs on gallery until chimney fits SNUGLY.

Remove chimney prior to next step.

Fig. 7
With the gallery assembly removed screw burner bottom into bowl by turning to the right (clockwise) until fully seated.

Fig. 8
Fill lamp bowl with 32 oz. of genuine Aladdin Lamp Oil or fresh, clean K-1 grade kerosene available from many service stations, hardware and farm stores.
NEVER – NEVER put gasoline in your Aladdin lamp. It will cause a fire Emergency!

NEVER USE GASOLINE !

Fig. 9
LIGHTING AND ADJUSTING LAMP
Allow the wick in the burner to soak in the kerosene for at least one hour. This will allow for the full capillary action of the wick to take place for correct supply of kerosene to the burner.

See additional instructions to the right....

Fig.7

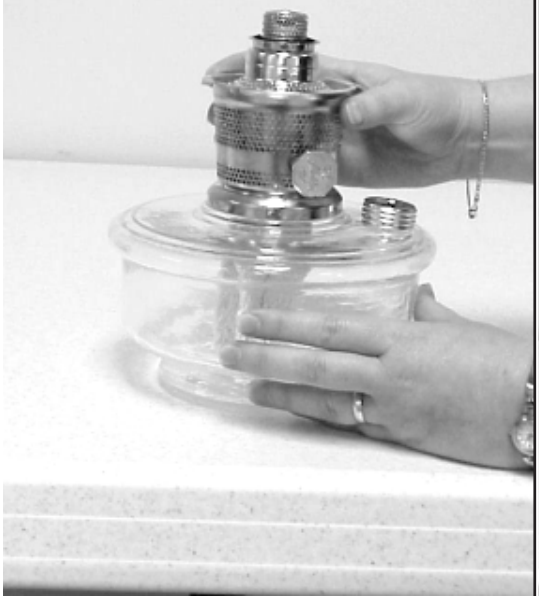
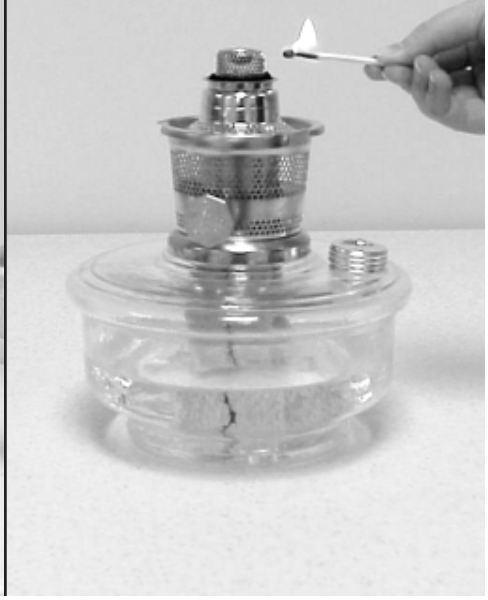


Fig.8

Fig.9



ASSEMBLING & LIGHTING YOUR ALADDIN (CONT.)

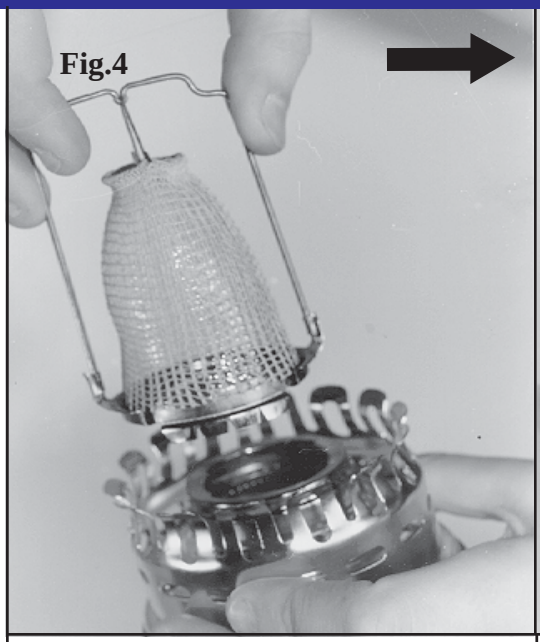


Fig.4
FIT MANTLE TO GALLERY
By holding mantle frame wire gently fit mantle frame assembly to top of burner gallery by turning to right (clockwise) until locked. Avoid touching mantle fabric, as it will fracture.

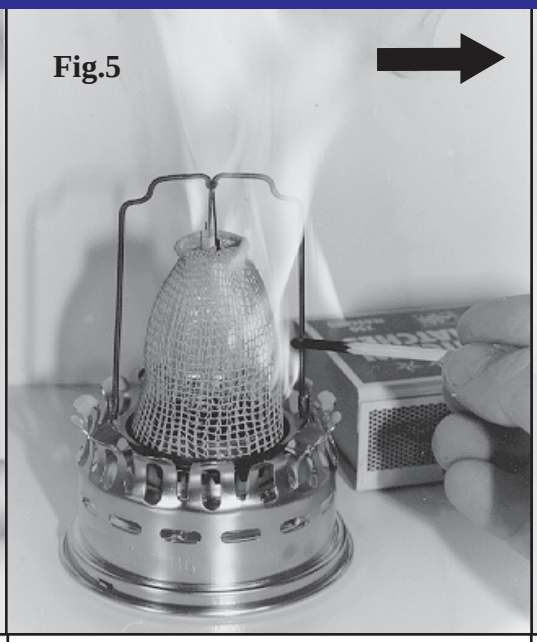


Fig.5 (Avoid Breathing Fumes!)
Burn off the mantle coating by touching the FLAME ONLY to the top of the mantle. **BE CAREFUL** not to allow the match stick to touch the mantle fabric, as it will fracture.
***CAUTIONARY NOTE*:** The mantle coating will burn off in a flash. Do not be alarmed, as this is normal and only occurs the first time.

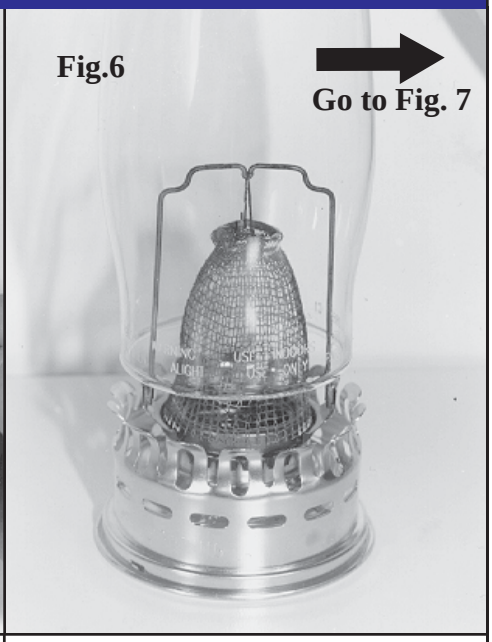


Fig. 6
With gallery resting on a firm surface gently reinstall chimney onto gallery.
GALLERY ASSEMBLY: Always handle the gallery, mantle & chimney as a single unit.
Go to Fig.7 to install burner bottom.

Fig. 10
LIGHTING BURNER: Turn wick up 1/8" above outer wick tube and light. Allow flame to form a complete circle. Gently return gallery assembly to top of burner. Lock into place by turning to right (clockwise).
CAUTION: Do not drop as mantle could fracture.

Fig. 11
Turn wick up slowly until part of mantle glows faintly. Allow burner to warm up for ten (10) minutes After warming period turn wick up until mantle is about 75% of full brightness.

Lamp will achieve full illumination on its own.

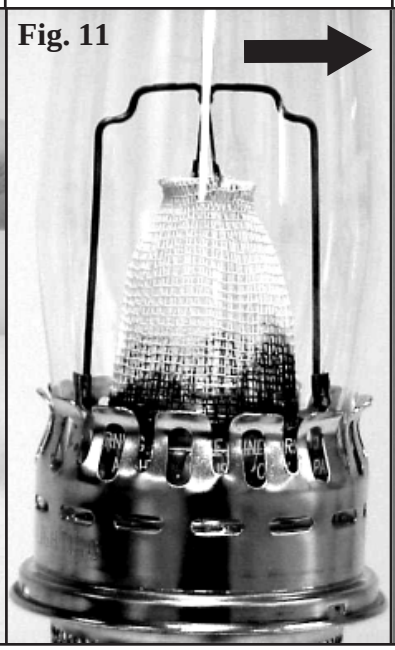


Fig. 12
Mantle is shown below at full brightness. A correct lighting condition exists when no points of flame are coming through the mantle fabric. Mantle fabric should be at least two-thirds illuminated.
BLACK SPOTS: Occur when mantle is overfired. See Fig. 13

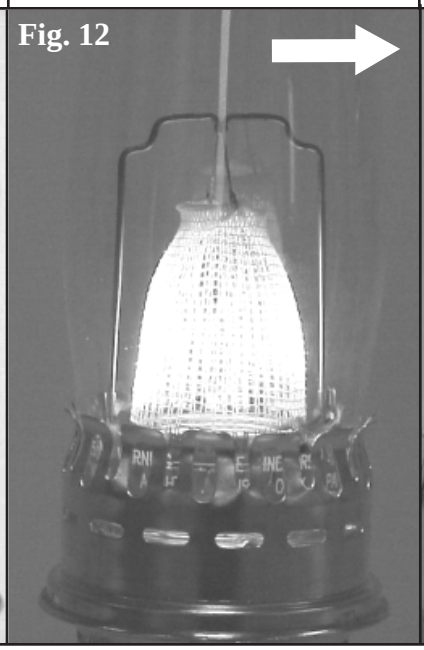


Fig. 13
Black spots, as seen below, are caused by mantle being overfired. To correct the problem, turn down wick and black spots will slowly disappear. Always keep flame within mantle fabric to avoid black spots.
Go to Fig. 14

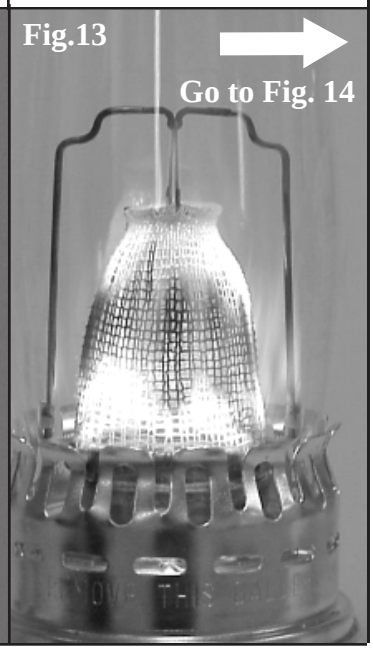


Fig. 14

TO EXTINGUISH LAMP (Fig 14)

Turn wick knob to left until it stops. All glow should be absent from the mantle. Cup your hand behind top of chimney and gently blow across top of chimney. Repeat, if necessary. **CAUTION:** *Do not blow down into chimney breaking mantle.*

ADD SHADE TO LAMP (Fig15)

Install shade ring (pictured) or tripod between burner collar and bottom of burner. Screw burner into collar until it stops. Add shade. It may be necessary to level shade ring or tripod by bending individual arms slightly up or down.

Fig. 15

IMPORTANT INFORMATION ABOUT YOUR ALADDIN LAMP

1. **CAUTION:** **Never leave an Aladdin lamp unattended**. If you must leave the room, turn the lamp way down or extinguish the flame completely. **An unattended lamp can become over fired and become a FIRE HAZARD!**

2. **CHECK FUEL LEVEL OFTEN:** Do not allow your lamp to burn dry. This will cause the wick to burn away and require replacement. Check the fuel level of your lamp frequently.

3. **USING WICK TRIMMER:** Occasionally the top of the wick will require cleaning, as excess carbon will accumulate resulting in a poor flame. Remove gallery assembly and turn wick down until wick is even with top of outer wick tube. Remove flame spreader and insert Aladdin wick cleaner (see below). Turn wick up until top of wick engages wick cleaner. Slowly rotate wick cleaner to right (clock-wise) removing excess carbon from wick top. Be careful not to use a back and forth motion, as this will cause unevenness. This will result in points of flame emitting from the wick top and the mantle will not light correctly.

4. **REPLACING WICK**: When it becomes necessary to replace the wick, please refer to the instructions supplied with the new replacement wick.

5. **FRESH AIR IS NECESSARY**: Your Aladdin requires fresh air to burn with a proper blue flame. Never use your lamp in a sealed, airtight area.

6. **NEVER USE GASOLINE — AN EXPLOSION WILL RESULT!**: Your Aladdin Kerosene Mantle Lamp is designed to operate on genuine Aladdin Lamp Oil or K-1 grade kerosene that is available at many service stations, hardware, and farm stores.

WICK TRIMMER

Wick trimmer is packed inside your burner box. Locate it and put in a safe place!

Slowly turn wick trimmer to right (clock-wise) only to clean excess carbon build up.

CAUTION: Do not use a back and forth motion. This will cause an uneven burning surface and poor flame with points.

GLOSSARY OF TERMS

FLAME SPREADER: Small, perforated, thimble-like object installed in top of inner wick tube. It delivers air to the inside of the wick.
(1) Must be fully seated or mantle will not incandesce properly. (2) Must be removed to use wick trimmer.

FONT: Fuel bowl that holds genuine Aladdin Lamp Oil or K-1 Grade kerosene.

SLIP GALLERY: Removable upper portion of burner.
(1) Holds Heel-less (smooth base) chimney and Lox-On® Mantle in place during operation.
(2) Must be removed in order to light wick. See Illustration above (Fig. 10)

HEEL-LESS CHIMNEY: Clear glass tube that fits on top of gallery which draws air through the burner. Chimney must be in place while lamp is operating to avoid burner overheating / fire hazard. See Illustration below.

INNER WICK TUBE: Tubular center of burner that holds flame spreader as well as channels air to inside of wick for combustion. See illustration below.

LOX-ON MANTLE: The light-emitting portion of the Aladdin lamp. Very fragile. **Requires "burning off" first time prior to lighting**. The mantle is dipped in blue laquer to protect fabric during shipment. HANDLE BY WIRE FRAME ONLY. Never touch mantle fabric as damage will result. See illustrations above (Fig. 4 & 5). Safely dispose old broken mantle by sealing in plastic bag.

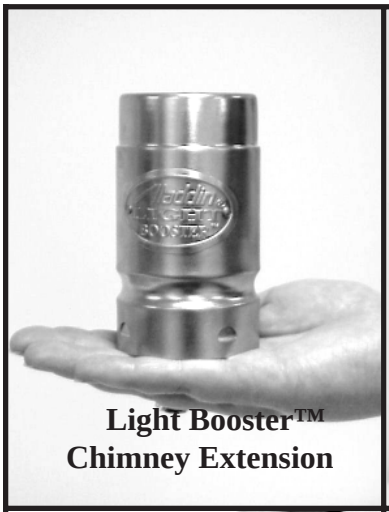
OUTER WICK TUBE: Internal component of burner which encases wick. Needs to be removed prior to replacement of wick.
MUST BE PROPERLY IN PLACE OR BURNER IS UNSAFE FOR OPERATION!. Never operate lamp without outer wick tube properly installed.

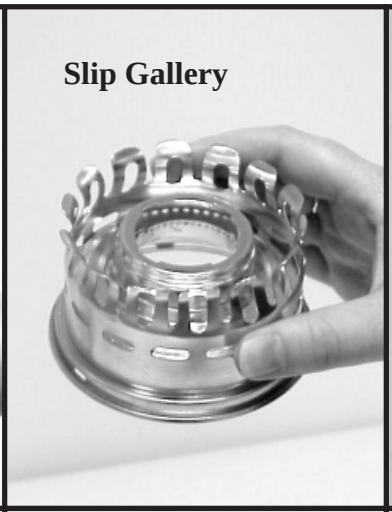
WICK: Woven cotton fabric which: (1) Draws the kerosene or lamp oil from the font with capillary action into burner. (2) The wick is tubular at the top and has two "tails" at bottom. (3) Top of wick must be smooth to create even (without points) flame. See Illustration below. NOTE: When the top circular portion (just over an inch) above the paper band is used up, wick is ready for replacement. (See page 8 on how to char wick tip.)

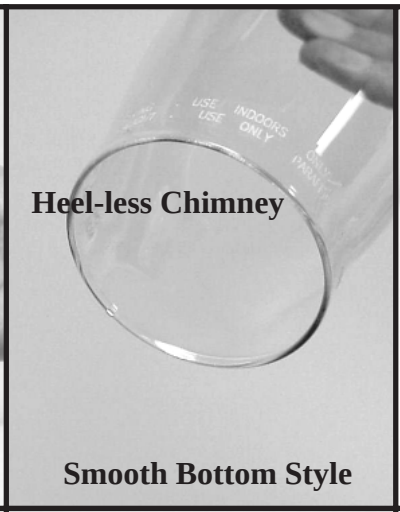
WICK RAISER: Metal arms which attach to wick. Also seats into wick winder in burner via rack and pinion to allow wick to travel upward and downward to adjust flame height. See Illustration below.

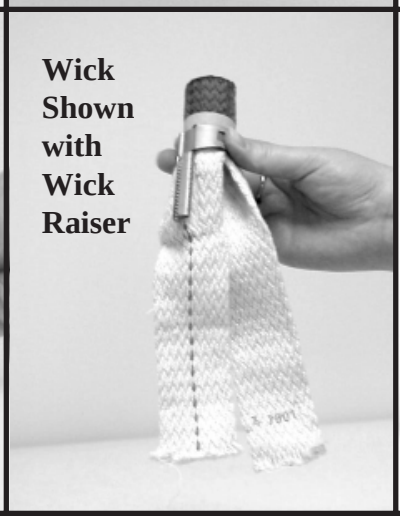
WICK TRIMMER: Circular plastic wick trimming tool. Supplied with burner and designed to keep top of wick smooth and even across burning surface. Remove gallery and flame spreader then insert wick trimmer tool into inner wick tube. See Illustrations on adjacent page on how to use correctly.

LIGHT BOOSTER™: Required for proper burning at 4,000 feet elevations. Above 8,000 feet use two (2) Light Boosters™ to provide adequate draft through burner. Light Booster ™ also provides upwards of 25% additional light output at sea level locations.


Light Booster™ Chimney Extension







Aladdin Lamp Tips

The Aladdin is a tried and tested lamp with nearly a century of use all over the globe. Literally hundreds of thousands of people are still enjoying the use of Aladdins world-wide. These tips are provided to enable you to get the most pleasure and long use from your Aladdin with the minimum of trouble and bother.

TIP ON FILLING ALADDINS IN WINTER: Always re-fill your Aladdin with good, clean fresh, kerosene (genuine Aladdin Lamp Oil or K-1 Grade Kerosene Recommended). The fuel must be at room temperature before adding to the lamp. To do otherwise causes condensation to accumulate inside the bottom of the lamp bowl — the wick will then draw up this condensed water into the wick and cause it to sputter and burn unevenly — thus a poor light.

TIP ON FILLING LEVEL: Fill to about **ONE HALF INCH (1/2) BELOW FILLER CAP**. This will give you many hours of burning without the fuel expanding into the burner and causing a flooding condition, which will result in a lamp dripping fuel. Lamp holds about one quart genuine Aladdin Lamp Oil, which will provide 10 - 12 hours of steady, bright, white light.

TIP ON FILLING IN SUMMER: Your Aladdin will obviously have only limited use during the summer months - perhaps for late romantic dining — or just for sheer pleasure. Always keep the lamp at least half full during the summer months to avoid the wick drying out. Check daily after use. This is especially important with hanging Aladdins. LAMP OIL SWELLS IN SUMMER'S HEAT. If the lamp is filled to capacity, oil will flood the base of the burner and this will cause fuel spillage.

ALADDIN WICKS: Wicks last for hundreds of hours of operation, if used properly and the lamp is kept from running dry. KEEP ALL PARTS OF THE LAMP CLEAN — ALL THE TIME. Stale fuel deposits will cause any oil lamp to smell. Refill often with genuine Aladdin Lamp Oil or fresh, clean K-1 grade kerosene. Always use the genuine Aladdin wick cleaner. It has the correct profile to properly clean the excess carbon from the wick burning surface. **NEVER USE SCISSORS TO TRIM YOUR WICK**. The profile will be incorrect and the mantle will not light properly. The carbon char on the wick's burning surface is necessary for smooth burning, but excess carbon disturbs the profile and should be removed only with the wick clearner. When changing an Aladdin wick, always make sure the wick is absolutely dry. Follow the instructions on the wick carton and refrain from touching the top of the wick itself, as to not deform the burning surface. Make sure the wick slides smoothly up and down after attaching to the wick raiser. After many years of service, it may be necessary to remove the wick and polish the tube upon which the wick moves for smooth operation.

CHIMNEY CLEANING TIP: Use warm water and a mild detergent. MAKE SURE THE CHIMNEY IS THOROUGHLY DRIED BEFORE FITTING ONTO LAMP. Damp chimneys break more easily.

LIGHTING BURNER TIP: Remove the gallery, mantle and chimney as one unit. When lighting the burner, let the flame form a complete ring around the flame spreader without turning up the wick too high. When you put the gallery back onto the lamp (with the mantle and chimney in place) turn up the wick until incandescence of the mantle is just visible — and only just!

BURNING LAMP TIPS: Leave the lamp in this state (above) to warm up for ten minutes or so. This will increase the chimney draft and thus increase the fuel flow to the wick tip. Turn up the light. As the burner heats up, the oil being capillarized by the wick will thin out, thus increasing the oil flow to the wick tip. NEVER turn up the lamp to full brightness immediately — to do so will cause too much fuel to flow into the burner and upset the air-to-fuel ratio - 94% air and 6% fuel — and the result will be a sooted up mantle with black spots at best — and a runaway lamp at worst. **NEVER LEAVE A LIGHTED ALADDIN UNATTENDED. NEVER TOUCH THE GALLERY OR CHIMNEY OF A LIT ALADDIN OR ONE RECENTLY EXTINGUISHED — SERIOUS INJURY COULD RESULT!**

ALADDIN WICK CHARRING TIP: It is important to have a properly charred wick in order for your Aladdin to produce a good even blue flame. To char wick (a) Remove gallery and flame spreader. (b) Turn wick up 1/8" above outer wick tube. (c) Dip top of wick into Aladdin lamp oil briefly (5 seconds). (d) Light wick and let it burn until flame goes out (3 to 5 minutes). (e) Allow top of wick to smolder or glow until completely out. (f) Use Aladdin wick trimmer to smooth top of wick (See page 6 on how to use). Re-install flame spreader and gallery assembly. **NOTE: Wick must be completely dry in order to char wick top.**

ENJOYMENT AND PLEASURE: Your Aladdin Kerosene Mantle Lamp will give you many years of trouble free service with only normal replacement of mantles, wicks and chimneys. Use it — enjoy it — tell a friend about the ***mystical and magical Aladdin lamp*** that gives out the soft, white light without the need for electric power.

Our dear friend, Mr. John Claypole of England, stated it best: "The Aladdin is a ***'Magical and Mystical'*** light. A light without fuss or noise, without cables or pipes, in a shack or a mansion, in a cottage or in a castle — light where you want it and when you want it; that's **TheTimeless Aladdin!**"