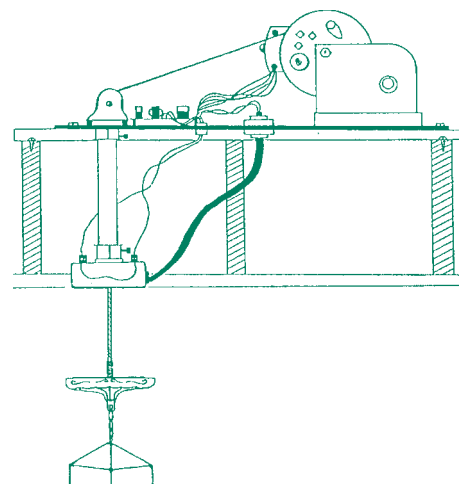


For use only in locations with above ceiling access.

CAUTION:

MAX 1560 WATTS — 1 CIRCUIT UNLESS CHECKED BELOW

- ❑ MAX 2200 WATTS — 1 CIRCUIT FIXTURE
- ❑ MAX 3300 WATTS — 2 CIRCUIT FIXTURE
- ❑ MAX 4400 WATTS — 2 CIRCUIT FIXTURE

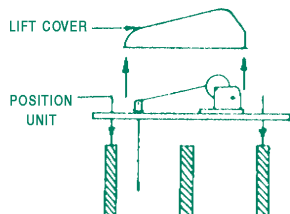


READ THE INSTRUCTIONS AND STUDY THE DRAWINGS CAREFULLY. FAMILIARIZE YOURSELF WITH EACH PART & STEP.

FIVE INSTRUCTION KEYS:

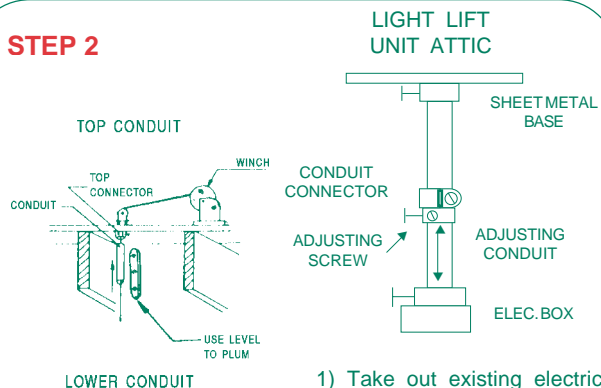
1. KEEP MOTOR & LIGHTS ON SEPARATE CIRCUITS (STEP 5).
2. MAKE SURE CABLE IS CENTERED IN ELECTRICAL BOX (STEP 4).
3. DO NOT RUN UNIT WITHOUT WEIGHT ON CABLE (SEE STEP 3).
4. DO NOT REVERSE THE CABLE ON THE WINCH (SEE OPERATIONAL INSTRUCTIONS).
5. USE PERMANENT SCREW COLLAR LOOP (NOT FURNISHED) TO HANG FIXTURE (STEP 9).

STEP 1



- 1) Take unit out of box - remove cover.
- 2) Determine where unit will sit on joist in relationship to where light fixture will hang. If joist interferes with where light fixture will hang, see STEP 10.
- 3)

STEP 2



- 1) Take out existing electrical box - must use box furnished.
- 2) Slide upper conduit up into the top connector and tighten.
- 3) Attach the lower conduit to the bottom connector in the electrical box.
- 4) Loosen adjusting screw in connector in center of conduit and raise or lower the bottom conduit until the box is adjusted so the canopy will fit flush with

the ceiling.

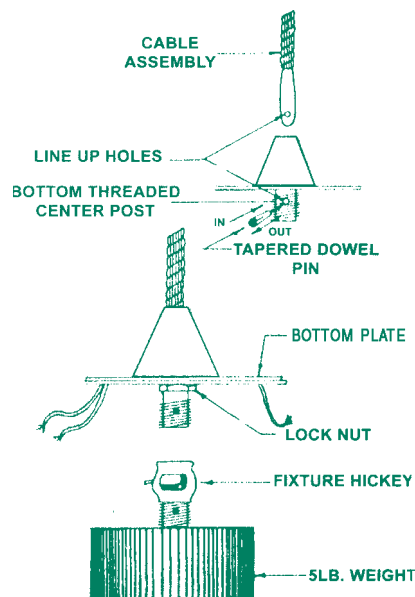
Note: There is no weight on the electrical box (on the cable and winch).

Note: The conduit can be adjusted up or down later if necessary (adjusting screw).

STEP 3 - ASSEMBLED AT FACTORY

- 1) Line up the hole in the cable assembly inside the threaded center post and insert the dowel pin.
- 2) Screw the fixture hickey up over the dowel pin and tighten against the lock nut under the bottom plate.
- 3) Screw the 5 lb. weight to the fixture hickey.
- 4) Lower the bottom assembly down, weight first.

Important: Make sure the dowel pin is all the way in and flush.

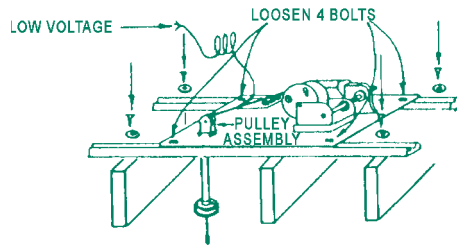


INSTALLATION INSTRUCTIONS

**ALADDIN
LIGHT LIFT
INCORPORATED**

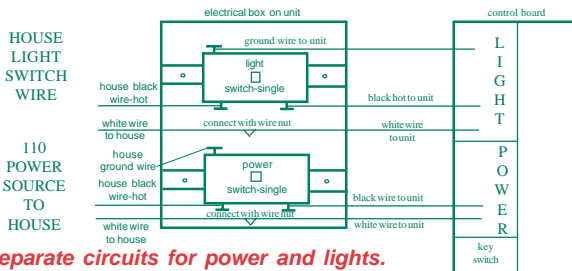
STEP 4

- 1) MOUNT UNIT LEVEL
- 2) Loosen four bolts on unit if necessary to adjust unit so the pulley assembly will be over where the light fixture will go.
- 3) Mount the unistrut to the joist using the four wood screws and washers.



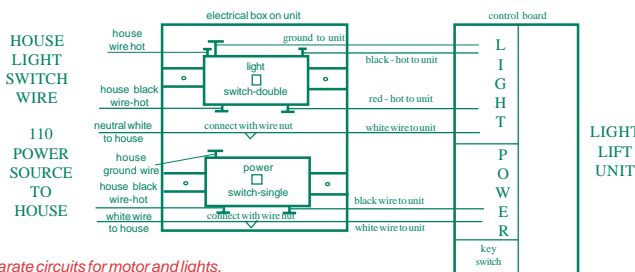
Note: Look up at ceiling to make sure cable is centered in hole in electrical box. If not, the plastic cone in the bottom plate will hit the top plate on the electrical box. SHIM UNIT WITH WASHERS UNDER UNISTRUT UNTIL CABLE IS CENTERED IN BOX

STEP 5 ONE CIRCUIT CHANDELIER WIRING



Run separate circuits for power and lights.

TWO CIRCUIT CHANDELIER WIRING



Run separate circuits for motor and lights.
Run separate phases for lights (2 hots - 1 neutral).

- 1) After unit is installed, run existing light switch wire to light switch inside electrical box on unit as shown.
- 2) Run a 110 power source from house to inside electrical box on unit as shown. This source does not have to be dedicated. Motor - 5.0 amps.

NOTE: DISCONNECT POWER SOURCE BEFORE SERVICING UNIT TO AVOID ELECTRICAL SHOCK.
DIMMER SWITCH MAY BE USED AS LONG AS LONG AS THE MOTOR IS WIRED ON A SEPARATE CIRCUIT FROM THE LIGHTS

STEP 6 TEST UNIT

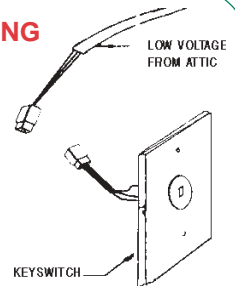
- 1) Remove tape from winch.
- 2) Turn on power & light switch on electrical box on front of unit.
- 3) To test unit, locate low voltage wire and keyswitch. Plug the keyswitch to low voltage wire and turn key. If the lift doesn't run see troubleshooting guide. Once tested, raise unit completely to keep electrical contacts clean.
- 4) Wait 5 seconds between reversing the motor or it could blow the motor fuse.

STEP 7 WARNING: DO NOT OPERATE WITHOUT WEIGHT ON CABLE!

- 1) Make sure the cable is not kinked up or off the side of the winch assembly.
- 2) Put the canopy parts, key switch and directions inside the cover where it will not hit the cable or winch. Mount cover back on the unit. These parts will be used when the light fixture is installed.

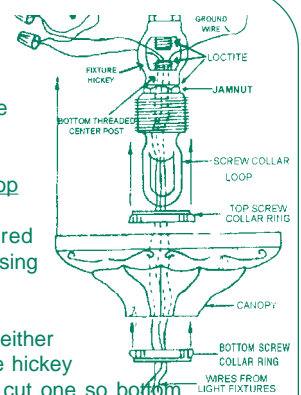
STEP 8 LOW VOLTAGE WIRING

- 1) Run the low voltage wire (50' included) to mount the keyed wall switch in a separate box. This can be beside the light switch on the first floor or the landing, if necessary for an existing house. You need to be able to see the light fixture moving down to stop when necessary.
- 2) Mount the key switch and switch plate cover (included) to an electrical box (not furnished).
- 3) Make sure the keyswitch is not touching the single gang box. (Will Short Out).



STEP 9 MOUNTING LIGHT FIXTURE

- 1) Let unit down by turning keyed wall switch. Remove 5 lb. weight. Keep tension on cable.
- 2) Install permanent screw collar loop to hold fixture (not furnished). Cut light fixture chain to desired hanging height. Install canopy using screw collar rings on both sides of canopy.
- 3) Jamnut must be secure against either inside or outside bottom of fixture hickey
- 4) Use threaded nipple included or cut one so bottom plate will fit slightly above canopy. Loosen bottom screw collar ring and drop canopy. Run wires from light fixture up through screw collar ring, canopy, then through screw collar and out both sides of the fixture hickey. Connect wires to pigtail wires under bottom plate with wire nuts. Replace canopy and tighten bottom screw collar ring.



Note: For two circuit chandelier wiring, black and red wires should be kept separate (hot). For one circuit black and red wires together as one hot wire.

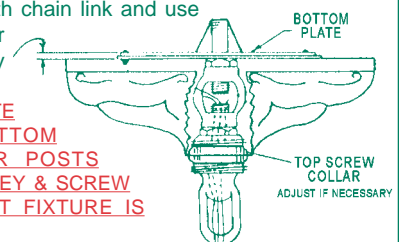
CRITICAL ADJUSTMENT: DISTANCE FROM TOP OF BOTTOM PLATE TO TOP OF TOP THREADED CENTER POST IS PRE-SET AT THE FACTORY AND CANNOT EXCEED 15/16" OR UNIT WILL NOT OPERATE PROPERLY. CONTACT YOUR ALADDIN LIGHT LIFT REPRESENTATIVE IMMEDIATELY IF THIS DIMENSION EXCEEDS 7/8".

Note: Another canopy can be used as long as bottom plate is slightly above canopy to avoid damage to ceiling.

Note: A longer bottom threaded center post can be used for deeper canopies or if canopy does not fit flush with ceiling.

Note: Conduit can be adjusted up or down or unit moved up to adjust electrical box up in ceiling to hang fixtures with eye bolt. Connect bolt to screw collar with chain link and use bottom threaded center post to allow the canopy to fit flush with ceiling.

IMPORTANT: APPLY LOCTITE TO TOP AND BOTTOM THREADED CENTER POSTS INSIDE FIXTURE HICKEY & SCREW COLLAR ONCE LIGHT FIXTURE IS INSTALLED.



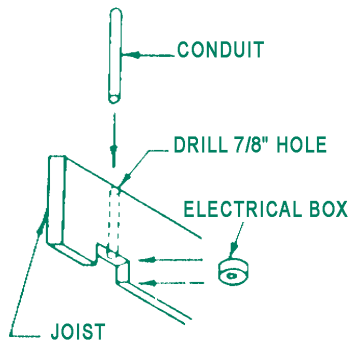
IMPORTANT: Adjust the adjusting screw on the conduit in attic until the canopy will not hit the ceiling first, (the plates have to meet first) but so the canopy will be flush with the ceiling. (SEE STEP 2)

INSTALLATION INSTRUCTIONS

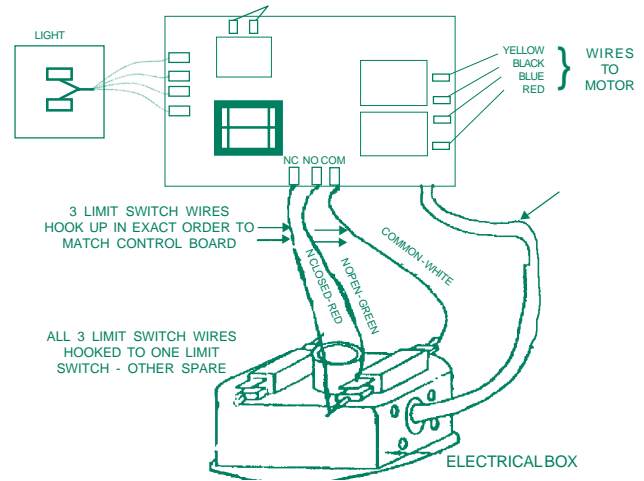
STEP 10 SPECIAL INSTALLATION

- 1) For elec. box on joist, drill out 7/8" hole & notch out for box under joist. Run lower conduit through hole.
- 2) Frame unit up until lower conduit is above floor.

Note: Move box off joist (no weight on box). Use medallion to cover previous hole.



ELECTRICAL CONTROL PANEL ON UNIT



Note: For special framing the wires from the box to the unit above may need to be disconnected. If the wires are disconnected, make sure they are reconnected in the same way as above.

OPERATING INSTRUCTIONS

- 1) Make sure you use a permanent screw collar loop rated to hold the fixture weight to hang the fixture.
- 2) A safety hazard can exist if the key switch is continuously held in the down position (right) allowing the cable to fully extend and start back up again (reverse itself). This will cause the disc brake to be inoperative and possibly cause the fixture to fall. If the unit is operating properly, it will go up when the key switch is turned to the left and down when turned to the right. If it goes in the opposite direction, the cable is reversed. The unit will not shut off at the ceiling. If this happens, call your Aladdin Light Lift Representative.
- 3) The standard cable length is 35 feet and should exceed the ceiling height. Order longer cable if necessary.

NOTE: IF THERE IS AN ELECTRICAL PROBLEM, THE ELECTRICAL CONTROL PANEL CAN BE REMOVED FROM THE UNIT BY REMOVING THE FOUR SCREWS ON TOP OF THE PANEL, DISCONNECT THE WIRING, AND RETURNING THE PANEL FOR SERVICING. THE UNIT DOES NOT HAVE TO BE RETURNED.

PARTS LIST

ITEM	DESCRIPTION	QUANTITY
A	9x1-1/4" Pan Phillips-Wood Screw	4
B	3/16"x1 Fender Washer	4
C	Fixture Hickey	2
D	Steel Nipple	2
E	Locknut (Jamnut)	1
F	Wall Switch Cover	1
G	Keylock Switch	1
H	Screw Collar Ring	1
I	Loctite Capsule	1

