

Ceiling Fan

Installation Guide

Read and Save These Instructions

For Model: 1059-L

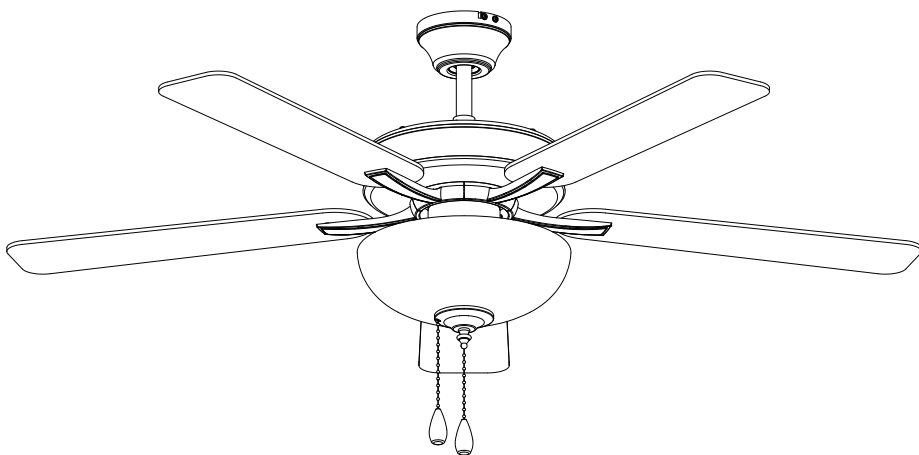


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TOOLS AND MATERIALS REQUIRED

- Ladder
- Pliers
- Wire Strippers
- Phillips Screwdriver



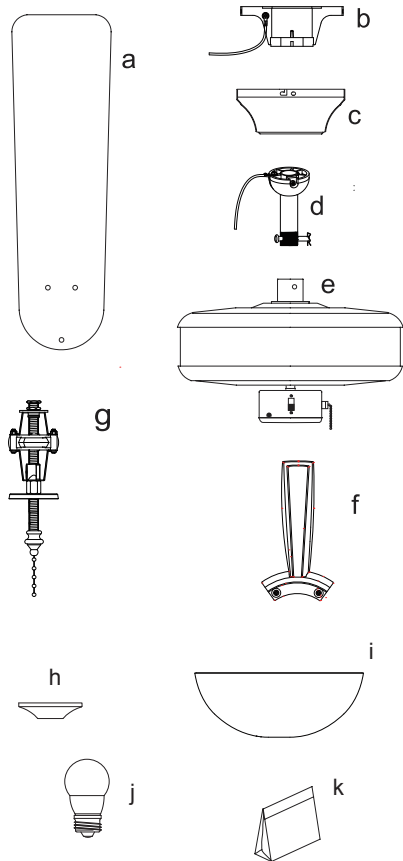
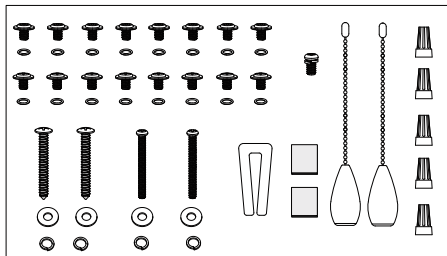
PACKAGE CONTENTS

Unpack your fan and check the contents. You should have the following items:

Parts	Quantity
a. Blade set	5
b. Hanger bracket	1
c. Canopy	1
d. Downrod / ball assembly	1
e. Fan motor / housing assembly	1
f. Blade bracket set	5
g. Light kit	1
h. Decor cover	1
i. Glass shade	1
j. LED Bulbs	2

k. Screw Package

- 1) Mounting hardware :
wood screws (2), washers (2)
hanger bracket screws (2) & washer (2)
wire nuts (5)
- 2) Blade attachment hardware:
screws (16), fiber washers (16)
spare screw (1) for blade bracket
- 3) Pull chain and knob (2)
- 4) Balance Kit (1)



SAFETY RULES

1. To reduce the risk of electric shock, ensure electricity has been turned off at the circuit breaker or fuse box before beginning.
 2. All wiring must be in accordance with the National Electrical Code and local electrical codes. Electrical installation should be performed by a qualified licensed electrician.
 3. **WARNING:** To reduce the risk of electrical shock and fire, do not use this fan with any solid-state fan speed control device.
 4. **WARNING:** To reduce the risk of personal injury, use only the two steel screws (and lock washers) provided with the outlet box for mounting to the outlet box. Most outlet boxes commonly used for the support of lighting fixtures are not acceptable for fan support and may need to be replaced, consult a qualified electrician if in doubt.
- WARNING**
TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR PERSONAL INJURY, MOUNT FAN TO OUTLET BOX MARKED "ACCEPTABLE FOR FAN SUPPORT".
5. The outlet box and support structure must be securely mounted and capable of reliably supporting a minimum of 50 lbs(22kgs) . Use only UL Listed outlet boxes marked **"FOR FAN SUPPORT"**.
 6. The fan must be mounted with a minimum of 7 Ft.(2.1M) clearance from the trailing edge of the blades to the floor.
 7. Do not operate reversing switch while fan blades are in motion. Fan must be turned off and blades stopped before reversing blade direction.
 8. Wooden blades are not intended for storage or installation in spaces that are not temperature controlled. To avoid issues with blade warping do not store or install ceiling fans in areas without air conditioning.
 9. Avoid placing objects in the path of the blades.
 10. To avoid personal injury or damage to the fan and other items, be cautious when working around or cleaning the fan.
 11. Do not use water or detergents when cleaning the fan or fan blades. A dry soft cloth or lightly dampened cloth will be suitable for most cleaning.
 12. After marking electrical connections, spliced conductors should be turned upward and pushed carefully up into outlet box. The wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box.
 13. Electrical diagrams are reference only. Light kit that are not packed with the fan must be UL Listed and marked suitable for use with the model fan you are installing. Switches must be UL General Use Switches. Refer to the Instructions packaged with the light kits and switches for proper assembly.
- WARNING**
TO REDUCE THE RISK OF PERSONAL INJURY, DO NOT BEND THE BLADE BRACKETS (ALSO REFERRED TO AS FLANGES) DURING ASSEMBLY OR AFTER INSTALLATION. DO NOT INSERT OBJECTS IN THE PATH OF THE BLADES.

MOUNTING OPTIONS

If there isn't an existing UL listed mounting box, then read the following instructions. Disconnect the power by removing fuses or turning off circuit breakers.

Secure the outlet box directly to the building structure. Use appropriate fasteners and building materials. The outlet box and its support must be able to fully support the moving weight of the fan (at least 50 lbs). Do not use plastic outlet boxes.

Figures 1,2 and 3 are examples of different ways to mount the outlet box.

NOTE: You may need a longer downrod to maintain proper blade clearance when installing on a steep, sloped ceiling. (Fig. 3)

NOTE:

If your ceiling angled is greater than 12°, you need an angled mounting kit (Slop ceiling adapter sold separately).

To hang your fan where there is an existing fixture but no ceiling joist, you may need an installation hanger bar as shown in Figure 4.

Fig.1

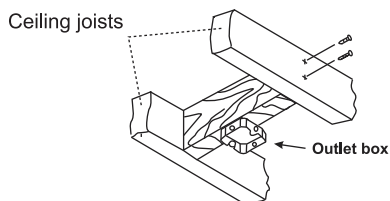


Fig.2

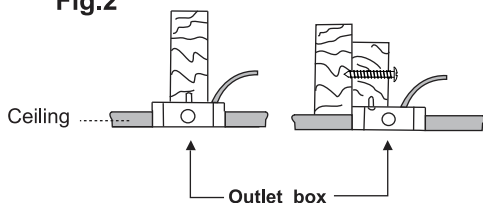


Fig.3

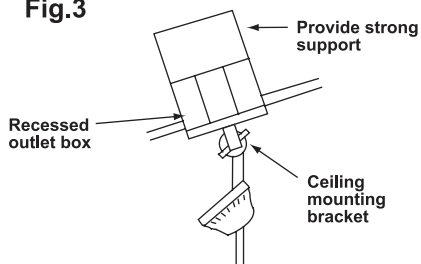
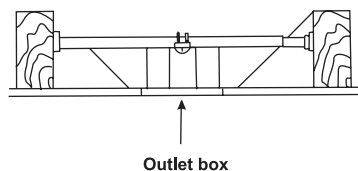


Fig.4



HANGING THE FAN

REMEMBER TO TURN OFF THE POWER. Follow the steps below to hang your fan properly.

NOTE: This ceiling fan is supplied with two types of hanging assemblies; the standard ceiling installation using the downrod with ball and hanger bracket and the “close-to-ceiling” installation. The “close-to-ceiling” installation is recommended in rooms with less than 8-foot ceiling or in areas where additional space is desired from the floor to the fan blades.

STANDARD CEILING INSTALLATION

Step 1.

Secure the hanger bracket to the ceiling outlet box using screws and washers included with outlet box. (Fig.5)

Step 2.

Remove the hitch pin and lock pin from downrod. Loosen two(2) set screws on the coupler.

Step 3.

Loosen ball screw to free cross pin and remove ground screw, and remove the cross pin and slide ball off the rod.

Step 4.

Carefully feed fan wires up through the downrod. Thread the rod into the coupler, make sure the wires do not get twisted. Align holes and replace hitch pin and lock pin, then tighten set screws firmly against downrod

Step 5.

Place canopy over downrod. Reinstall hanging ball into the rod being sure the cross pin is inserted through the rod, wires are not twisted, tighten set screw and ground screw.

Step 6.

Lift motor / housing assembly and place hanging ball onto hanger bracket.

Rotate the entire assembly until the Check Tab has dropped into the Registration Slot and seats firmly. (Fig.7) The entire motor assembly should not rotate left or right when seated properly.

WARNING: Failure to reattach the cross pin and seat the Check Tab could cause the fan to fall from the ceiling during operation.

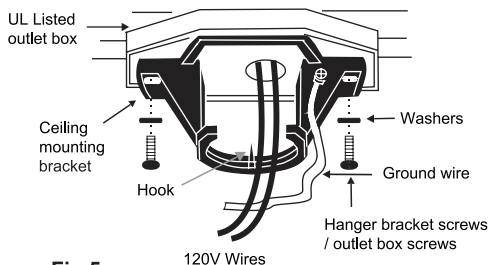


Fig.5

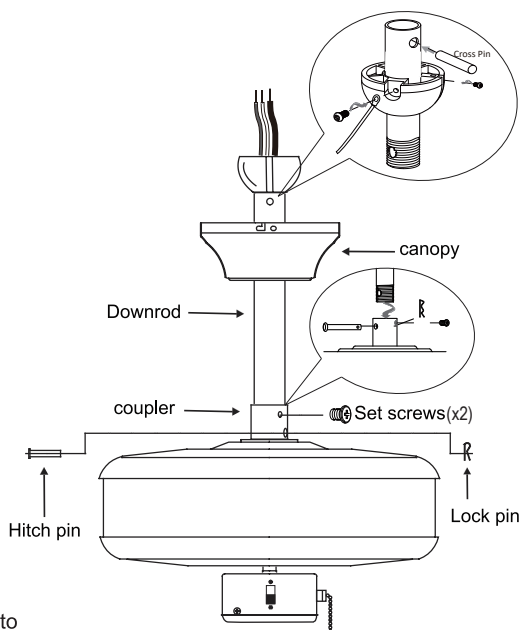


Fig.6

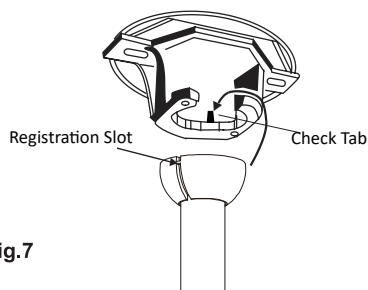


Fig.7

CLOSE-TO-CEILING INSTALLATION

1. Remove the decorative canopy bottom cover from the canopy by depressing the three studs. (Fig.8)
2. Pass the 120-volt supply wires through the center hole in the ceiling hanger bracket as shown in Fig.5.
3. Secure the hanger bracket to the ceiling outlet box with the screws and washers provided.
4. Place the ceiling canopy over the collar at the top of the motor. Align the mounting holes with the holes in the motor and fasten using the screws and lock washers provided (Fig.9).
5. Tighten the mounting screws securely.(Fig.9)

WARNING: Failure to completely tighten the three screws in step 5 could result in fan loosening and possibly falling.

6. Hang the fan on the hook of the hanger bracket. Be certain that the canopy is fully locked into hook as shown in (Fig.10). This will allow you to make the electrical connections.

WARNING:

To reduce the risk of fire, electrical shock, or personal injury, mount fan only on an outlet box or supporting system marked acceptable for fan support.

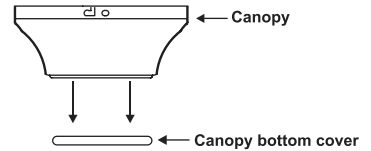


Fig.8

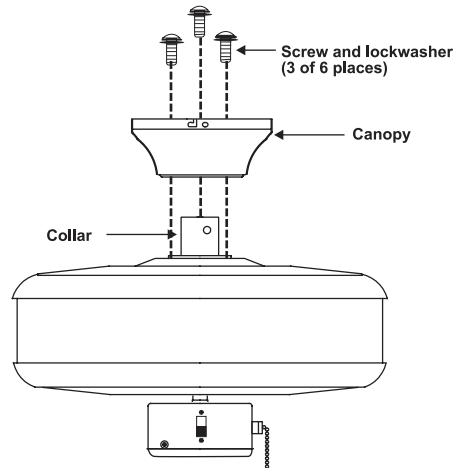


Fig.9

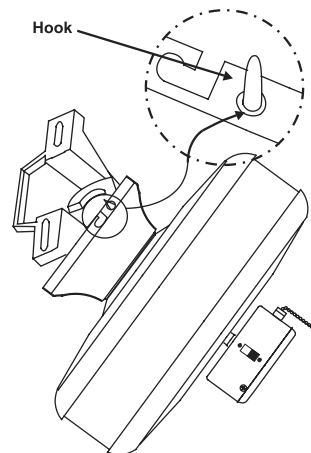


Fig.10

MAKING ELECTRICAL CONNECTIONS

WARNING: Turn off circuit breakers to the current fixture from breaker panel and be sure the switch is turned off.

If you are unfamiliar with electrical wiring or if the house wires are different colors than those referred to below, please contact a qualified electrician and obtain service.

NOTE: Excess lead wire length from the fan can be cut to the desired length and stripped.

When fan is secured in place on the hanger bracket, electrical wiring can be made.

Connect **BLACK** fan wire and **BLUE** light wire to **BLACK** supply wire from ceiling with wire nut provided.

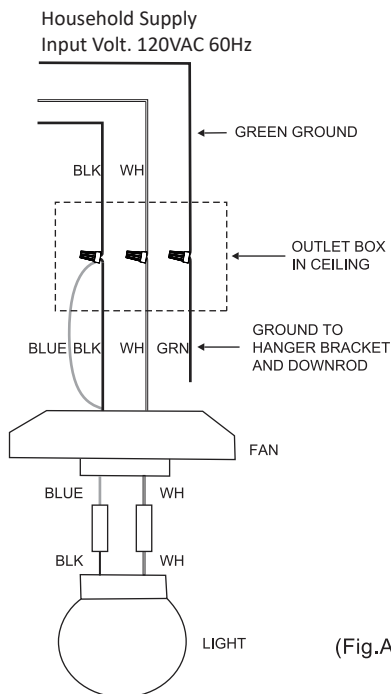
Connect **WHITE** fan wire to **WHITE** supply wire from ceiling with wire nut provided.

Connect a green or bare copper wire from the outlet box to the hanger bracket and downrod ball green ground wires together with wire nut provided.

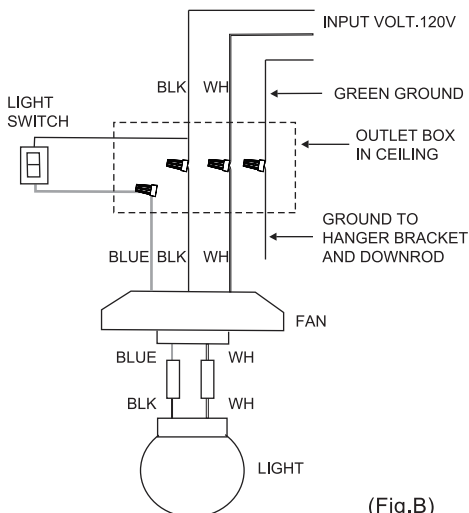
*Wrap each wire connection separately with electrical tape for more secure connection.

After connecting the wires, spread them apart so that the green and white wires are on one side of the outlet box and black wires are on the other side.

Turn the connecting nuts upward and carefully push the wiring into the outlet box.



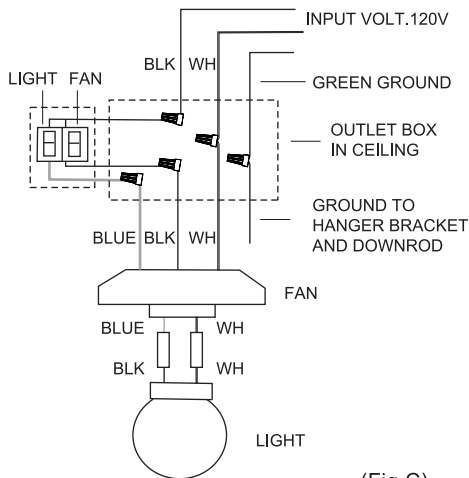
(Fig.A)



(Fig.B)

ELECTRICAL CONNECTIONS (FOR OPTIONAL WALL CONTROL)

Fig. B & C illustrate the wiring connections for optional wall control (The wire color out of wall control may vary, see wall control's installation manual for correct wire connections.)



(Fig.C)

FINISHING THE INSTALLATION

STANDARD CEILING INSTALLATION

Tuck all connections neatly into ceiling outlet box. Remove two screws from the hanger bracket and loosen the other two screws around 1/4". Attach canopy to hanger bracket by placing screws into slot in canopy. Twist clockwise to lock in place, tighten four screws firmly. (Fig.11)

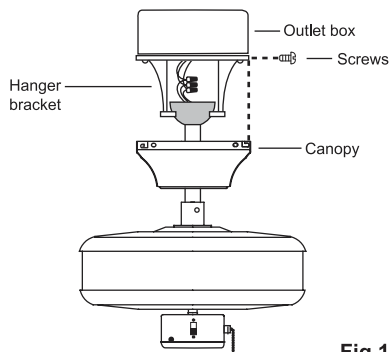


Fig.11

CLOSE-TO-CEILING INSTALLATION

Remove the fan from the hook on the hanger bracket (Fig. 10). Secure the canopy to the hanger bracket by placing screws into slot in the canopy. Twist clockwise to lock in place, and tighten four screws firmly. (Fig. 12)

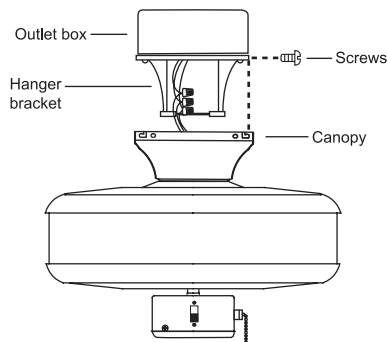


Fig.12

FAN BLADES ASSEMBLY AND BLADE BRACKETS INSTALLATION

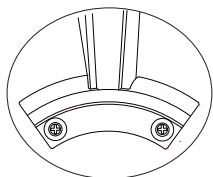
NOTE: Remove rubber motor stoppers before attaching fan blade brackets.

Attach the fan blade to the blade bracket with three(3) blade screws and fiber washers.

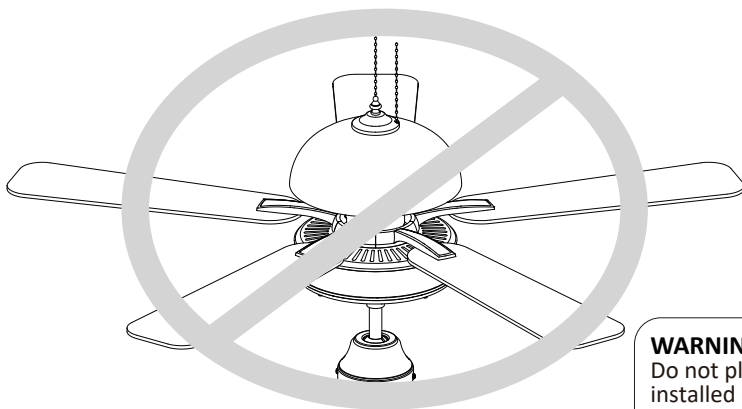
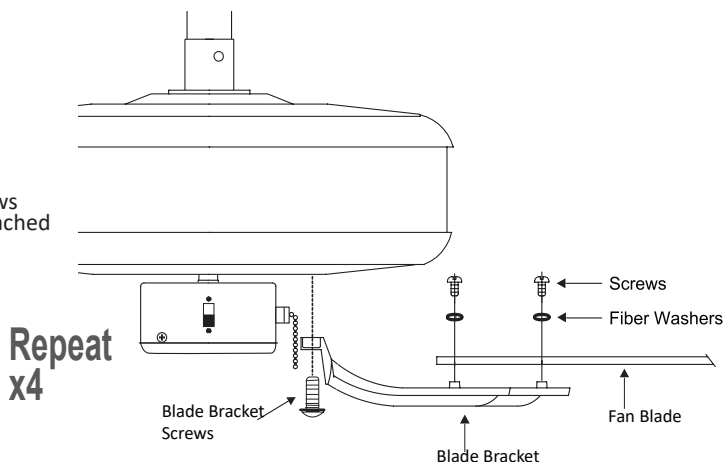
Tighten screws securely, do not overtighten.

Repeat this process for the remaining blades.

Fasten each fan blade assembly to the motor by using two(2) fan blade bracket screws.



*Fan blade bracket screws found that were pre-attached to the fan blade bracket.



WARNING:

Do not place ceiling fan with blades installed on the ground.
To reduce the risk of personal injury, do not bend the blade during assembly or after installation.

LIGHT KIT INSTALLATION

NOTE: Make sure power is off at the electrical panel box before attempting installation of the light kit. Remove the fan switch housing cap by unscrewing 3 attachment screws, then remove a small plug from the center hole of the cap.

Attach light kit to switch housing cap with a hex nut and spring washer provided with the light kit. Be sure it is tight enough to prevent the light kit from vibrating loose.

Connecting the wires.

Connect the BLACK wire from light kit to BLUE wire from switch housing using wire nut provided. Connect the WHITE wire from light kit to WHITE wire from switch housing using wire nut provided. Carefully push all wires back into the switch housing, then attach the cap with the light kit assembly to the switch housing with those 3 attachment screws removed previously.

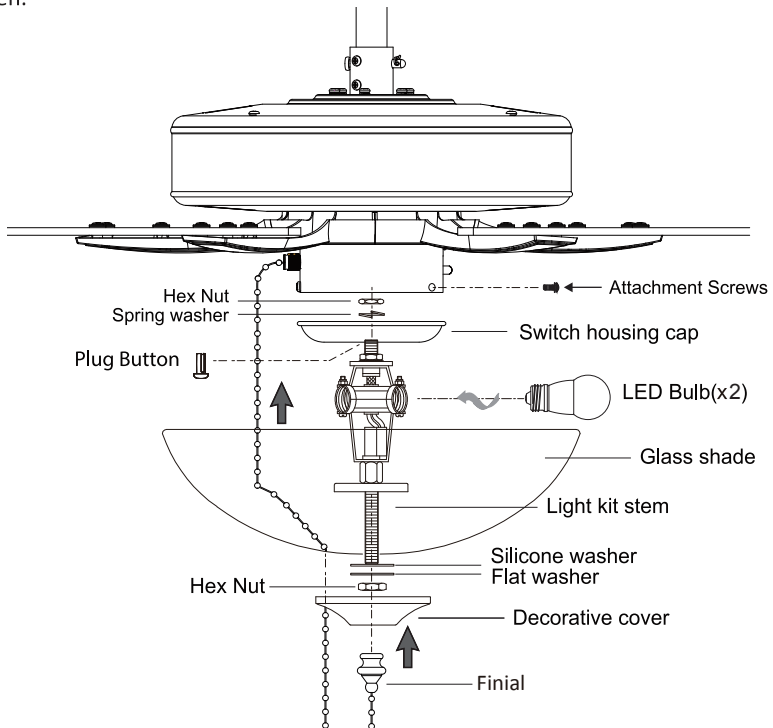
Assembling the light kit and glass shade.

Remove the silicone washer, flat washer, hex nut, and finial from the light kit stem.

Install 2 light bulbs included (E26 base, LED bulbs 2x9W MAX).

Place glass shade over the light kit stem, replace silicone washer, flat washer onto the light kit stem, and secure with the hex nut.

Insert the pull chains through the eyelet in the glass shade and decor cover by securing with finial onto the light kit stem. Do not over tighten.



OPERATING YOUR FAN

Installing the pull chain with wooden knob.

Attach the pull chain knob to the beaded chain coming from the switch housing.

Turn on the power and check the operation of your fan.

The pull chain controls the fan speed as follows;

- 1 pull = High speed
- 2 pulls = Medium speed
- 3 pulls = Low speed
- 4 pulls = Off

Speed settings for warm or cool weather depend on factors such as room size, ceiling height, number of fans, and so on.

The slide reverse switch controls directions; forward (switch down) or reverse (switch up).

Light pull chain controls the light on/off.

NOTE: Wait for fan to stop before changing the setting of the slide switch.

Warm Weather(Forward)- A downward airflow creates a cooling effect as shown in Fig.13. This allows you to set your air conditioner in a warm setting without affecting your comfort.

Cool Weather(Reverse)- An upward airflow move warm air off the ceiling area as shown in Fig.14.

This allows you to set your heating unit in a cooler setting without affecting your comfort.

CAUTION: Even if the fan is mounted with a minimum of 7ft clearance from the trailing edge of the blade to the floor, be careful to avoid raising your arms or inserting foreign objects in between rotating fan blades.

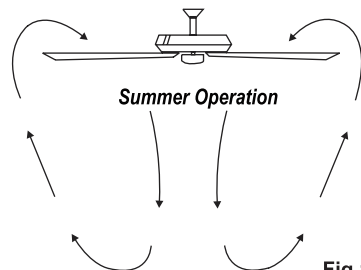
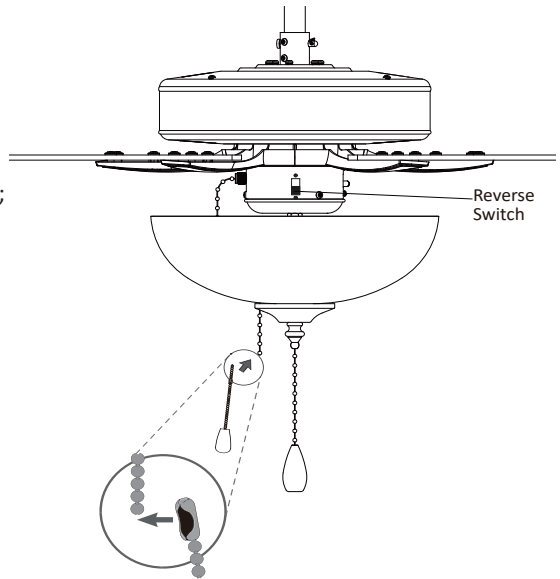


Fig.13

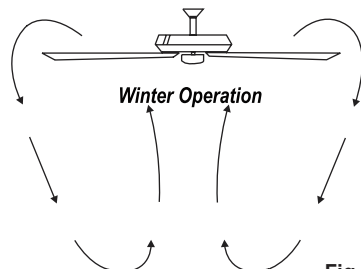


Fig.14

TROUBLESHOOTING

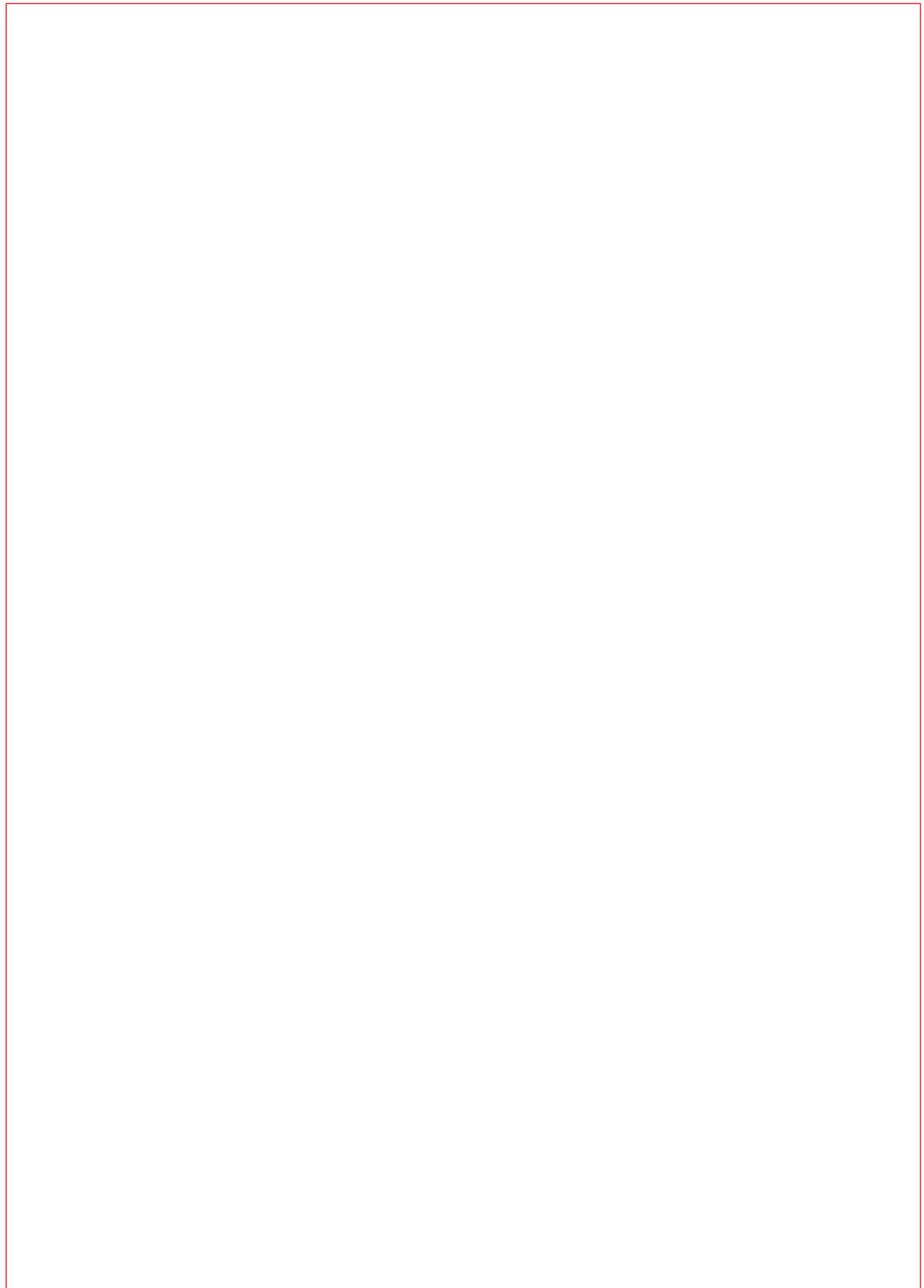
WARNING: Failure to disconnect power supply prior to troubleshooting any wiring issues may result in serious injury.

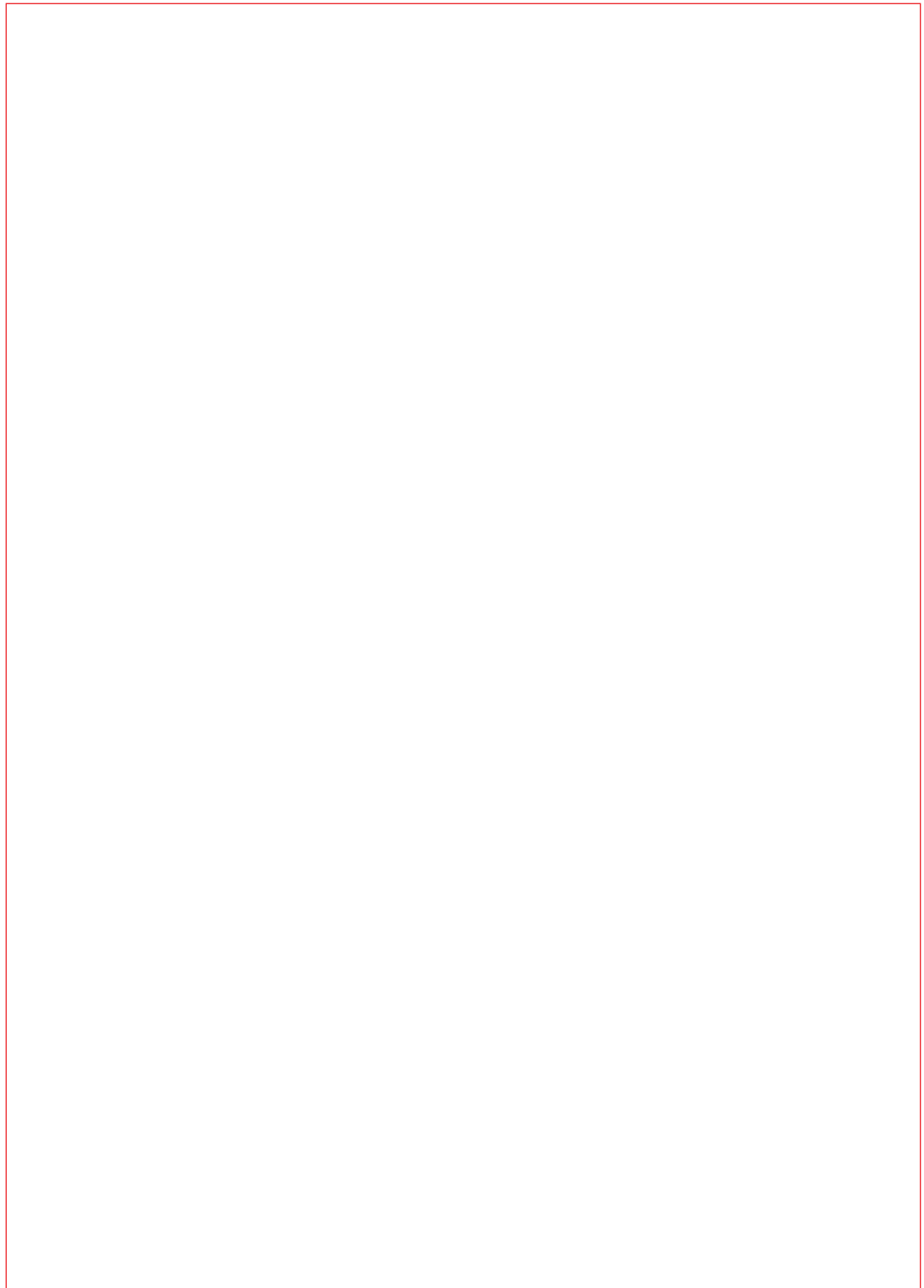
Problem	Solutions
Fan will not start.	- Check circuit fuses or breakers. - Check line wire connections to the fan and switch wire connections in the switch housing.
Fan sounds noisy.	- Make sure all motor housing screws are snug. - Make sure the screws that attach the fan blade bracket to the motor hub is tight. - Make sure wire nut connections are not rubbing against each other or the interior wall of the switch housing. - Allow a 24-hour "breaking-in" period. Most noise associated with a new fan disappear during this time. - If using an optional light kit, make sure the screws securing the glassware are tight. Check that light bulb is also secure. - Some fan motors are sensitive to signals from solid-state variable speed controls. If you have installed this type of control, choose and install another type of control. - Make sure the upper canopy is a short distance from the ceiling. It should not touch the ceiling.
Fan wobbles	- Check that all blade and blade arm screws are secure. - Most fan wobbling problems are caused when blade levels are unequal. Check this level by selecting a point on the ceiling above the tip of one of the blades. Measure this distance. Rotate the fan until the next blade is positioned for measurement. Repeat for each blade. The distance deviation should be equal within 1/8". - Use the enclosed Blade Balancing Kit if the blade wobble is still noticeable. - If the blade wobble is still noticeable, interchanging two adjacent (side by side) blades can redistribute the weight and possibly result in smoother operation.

CARE OF YOUR FAN

Here are some suggestions to help you maintain your fan.

1. Because of the fan's natural movement, some connections may become loose. Check the support connections, brackets, and blade attachments twice a year. Make sure they are secure. (It is not necessary to remove fan from ceiling.)
2. Clean your fan periodically to help maintain its new appearance over the years. Use only a soft brush or lint-free cloth to avoid scratching the finish. The plating is sealed with a lacquer to minimize discoloration or tarnishing. Do not use water when cleaning. This could damage the motor, or the wood, or possibly cause an electrical shock.
3. You can apply a light coat of furniture polish to the wood blades for additional protection and enhanced beauty. Cover small scratches with a light application of shoe polish.
4. There is no need to oil your fan. The motor has permanently lubricated bearings.







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