Wilton™

A Kichler® Décor™ ceiling fan

Designed to coordinate with a popular Kichler Lighting collection.

Includes our new
CoolTouch™ Control System

Looks permanent, but goes wherever you go!

U.S. Patent Pending

KICHLER® SINCE 1938
CEILING FANS

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Monday - Friday

Instruction Manual

KICHLER® SINCE 1938
CEILING FANS

KICHLER SINCE 1938 CEILING FANS

1. SAFETY RULES

1. To reduce the risk of electric shock, insure 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 fire, electric shock, or personal injury, mount to outlet box marked **"Acceptable for Fan Support of 22.7 kg (50 lbs.) Or Less"** and use mounting screws provided with the outlet box. Most outlet boxes commonly used for the support of light fixtures are not acceptable for fan support and may need to be replaced. Due to the complexity of the installation of this fan, a qualified licensed electrician is strongly recommended.

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 pounds. Use only CUL Listed outlet boxes marked "FOR FAN SUPPORT".

6. The fan must be mounted with a minimum of 7 feet clearance from the trailing edge of the blades to the floor.

7. To operate the reverse function on this fan, press the reverse button while the fan is running.

8. Avoid placing objects in the path of the blades.

9. To avoid personal injury or damage to the fan and other items, be cautious when working around or cleaning the fan.

10. Do not use water or detergents when cleaning the fan or fan blades. A dry dust cloth or lightly dampened cloth will be suitable for most cleaning.

11. 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.

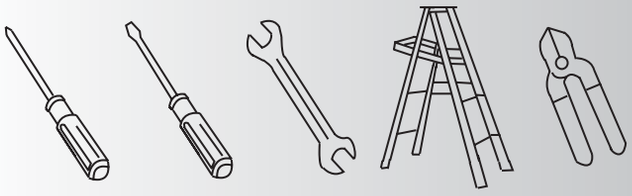
12. Electrical diagrams are reference only. Light kits that are not packed with the fan must be CUL Listed and marked suitable for use with the model fan you are installing. Switches must be CUL General Use Switches. Refer to the Instructions packaged with the light kits and switches for proper assembly.

NOTE: SUITABLE FOR USE WITH SOLID-STATE SPEED CONTROLS.

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.

2. TOOLS AND MATERIALS REQUIRED

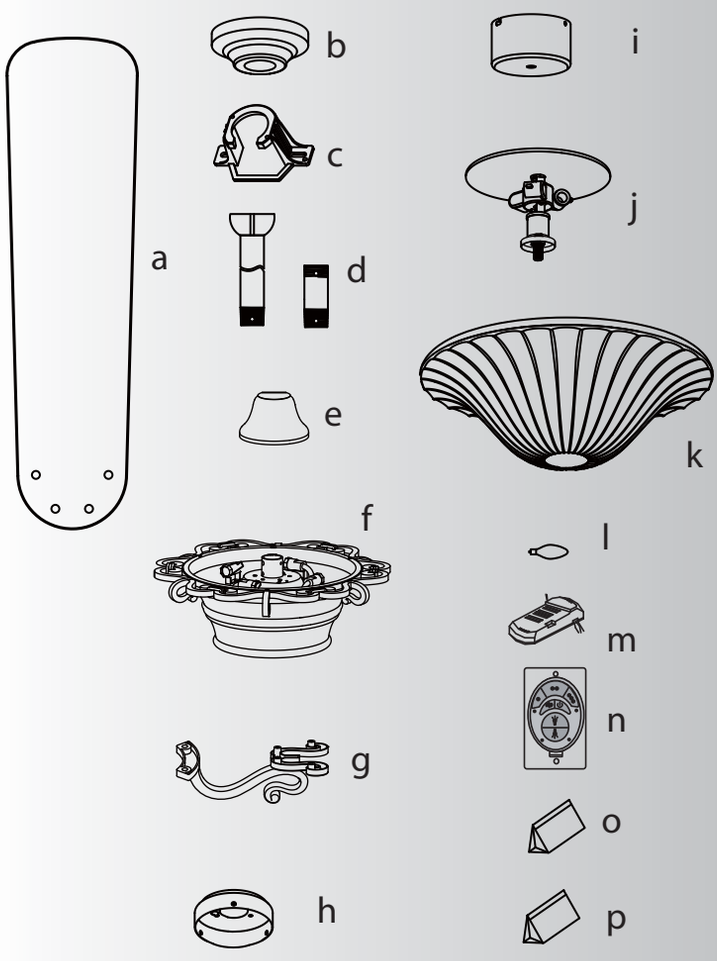
- Philips screw driver
- Slot screw driver
- 11 mm wrench
- Step ladder
- Wire cutters



3. PACKAGE CONTENTS

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

a. Fan blades (5)
b. Canopy
c. Mounting bracket
d. Ball/downrod assembly (1) & extra downrod (1)
e. Coupling cover
f. Fan assembly
g. Set of blades bracket (5)
h. Mounting plate
i. Switch housing
j. Light kit
k. Glass shade
l. Bulb
m. Receiver +7 wire nuts
n. CoolTouch™ Control System
o. Package hardware
   1) Mounting hardware: wood screws (2), flat washers(2), screws(2),wire nuts(4)
   2) Blade attachment hardware: screws (21), flat washers(21), fiber washers(21)
   3) Blade bracket hardware: screws (1)
   4) Safety cable hardware: wood screw (1), spring washer (1), flat washer(1)
   5) Balance kit
p. Decorative plate hardware: decorative plate (1), finial (1), light kit hardware (1)



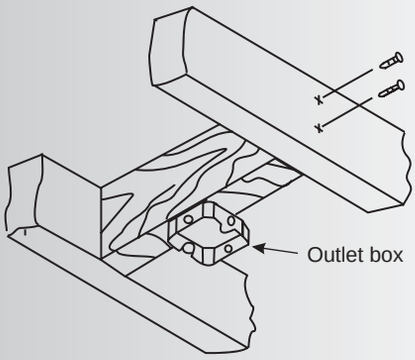


Fig. 1

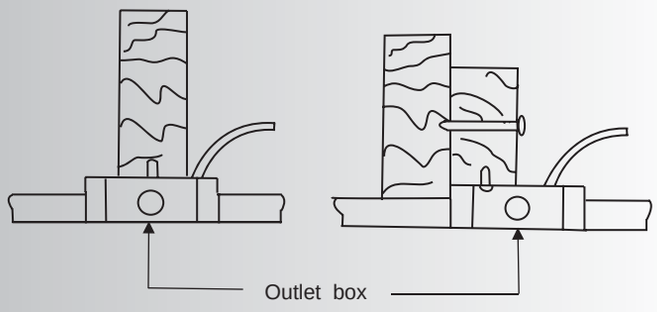


Fig. 2

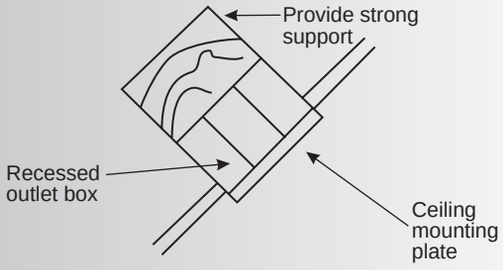


Fig. 3

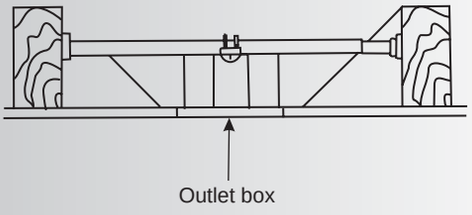


Fig. 4

4. MOUNTING OPTIONS

If there isn't an existing UL (CUL for Canadian Installation) 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)

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

5. HANGING THE FAN

REMEMBER to turn off the power. Follow the steps below to hang your fan properly:

Step 1. Remove the fan motor and housing assembly from the protective plastic bag. Place the fan assembly into the lower pad with the bottom of the motor facing up.(The lower foam pad serves as a holder for the fan during the first stages of assembly). Remove the plastic motor shipping blocks and discard. (Fig. 5)

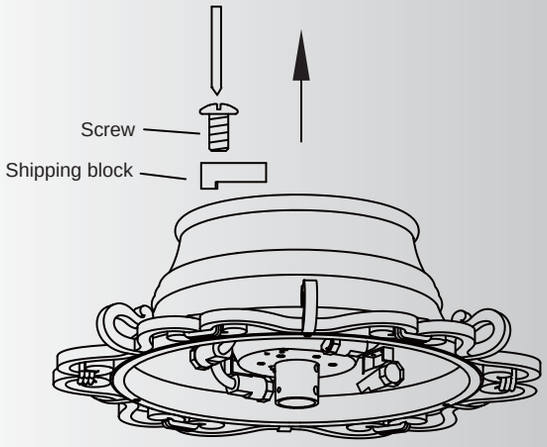


Fig. 5

Step 2. Secure the hanger bracket to the ceiling outlet box using screws and washers provided. (Fig. 6)

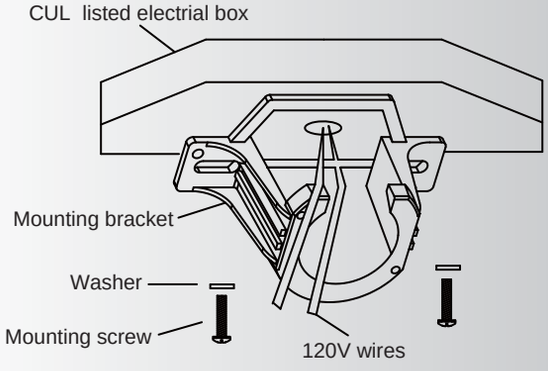


Fig. 6

Step 3. Remove hanger ball from downrod assembly by loosening set screws, removing the cross pin, and sliding ball off the rod. (Fig. 7)

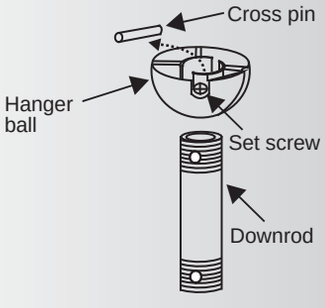


Fig. 7

Step 4. Loosen the two set screws and remove the hitch pin and lock pin from the top coupling of the motor assembly. (Fig. 8)

Step 5. Carefully feed the fan wires up through the downrod.Threaded the downrod onto the motor coupling until the hitch pin holes are aligned. Next , replace hitch pin and lock pin , and tighten both set screws . Install 4pcs bulbs (included) into socket . (Fig 8)

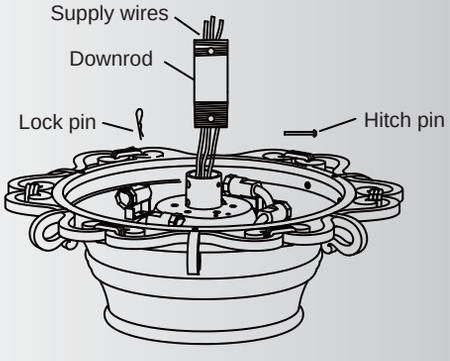


Fig. 8

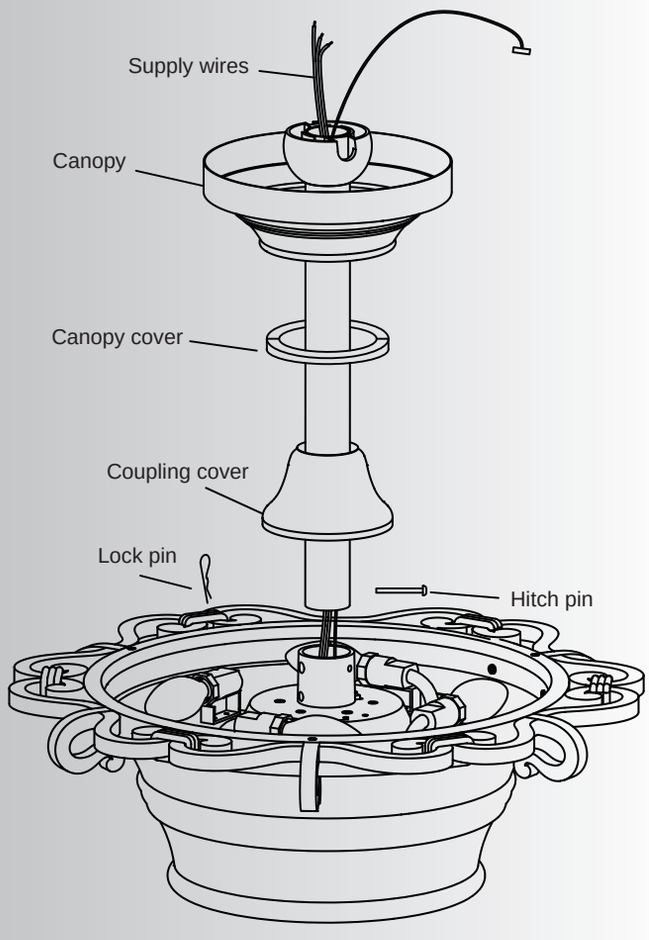


Fig. 9

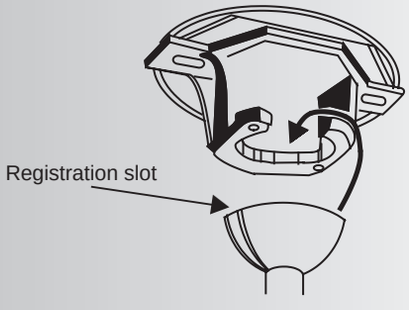


Fig. 10

Step 6. Slip the coupling cover, canopy cover and canopy onto the downrod. Carefully reinstall the hanger ball onto the downrod. Make sure the cross pin is in the correct position and the set screws are tight and the wires are not twisted. (Fig 9)

Step 7. Now lift the motor assembly into position and place the hanger ball into the hanger bracket. Rotate until the “Check Tab” has dropped into the “Registration Slot” and seats firmly. (Fig. 10) The entire motor assembly should not rotate if this is done correctly.

6. INSTALLATION OF SAFETY SUPPORT (For Canadian Installation ONLY)

An additional safety support is provided to prevent the fan from falling. Secure the safety cable to the ceiling joist with screw and washer, as illustrated in Figure 11.

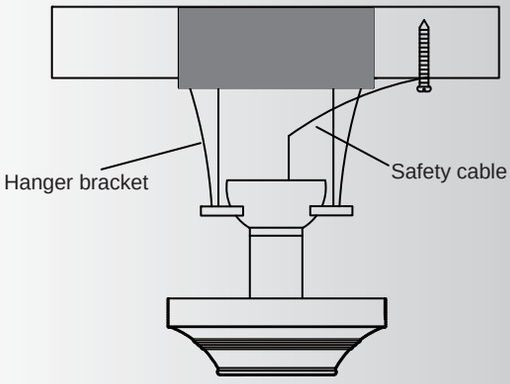


Fig. 11

7. MAKE THE ELECTRIC CONNECTIONS

WARNING: To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring.

NOTE: The CoolTouch™ Control System is equipped with 16 code combinations to prevent possible interference from or to other remote units. The frequency switches on your receiver and transmitter have been preset at the factory. Please recheck to make sure the switches on the transmitter and receiver are set to the same position, any combination of settings will operate the fan as long as the transmitter and receiver are set to the same position. (Fig. 12)

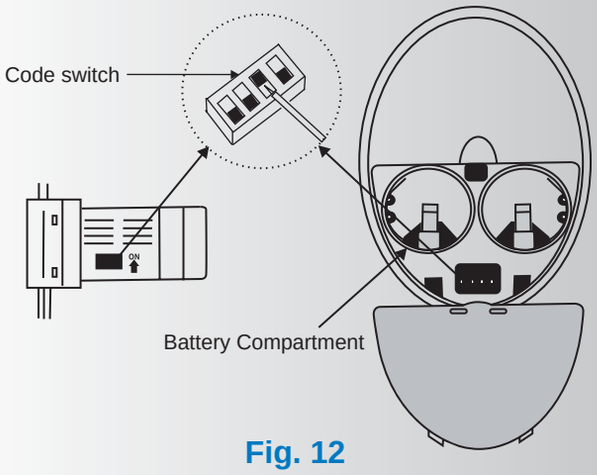


Fig. 12

Step 1. Insert the receiver into the mounting bracket, and keep flat in opposition of ceiling. (Fig. 13)

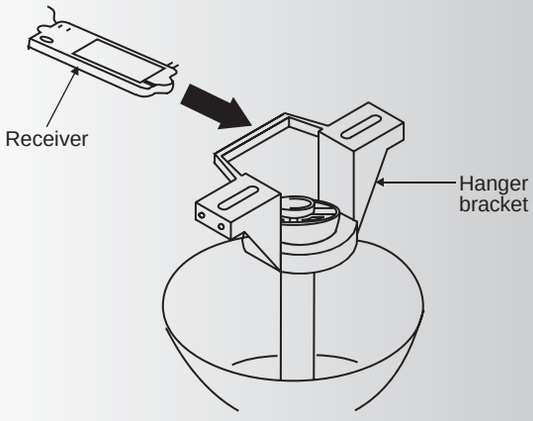


Fig. 13

Step 2. Motor to Receiver Electrical Connections: Connect the black wire from the fan to black wire marked "TO MOTOR L" from the receiver. Connect the white wire from the fan to the white wire marked "TO MOTOR N" from the receiver. Connect the blue wire from the fan to the blue wire marked "For Bottom Light" from the receiver. Connect the orange wire from the fan to the orange wire marked “FOR UPPER LIGHT” from the receiver. Secure all the wire connections with the plastic wire nuts provided. (Fig. 14 on next page)

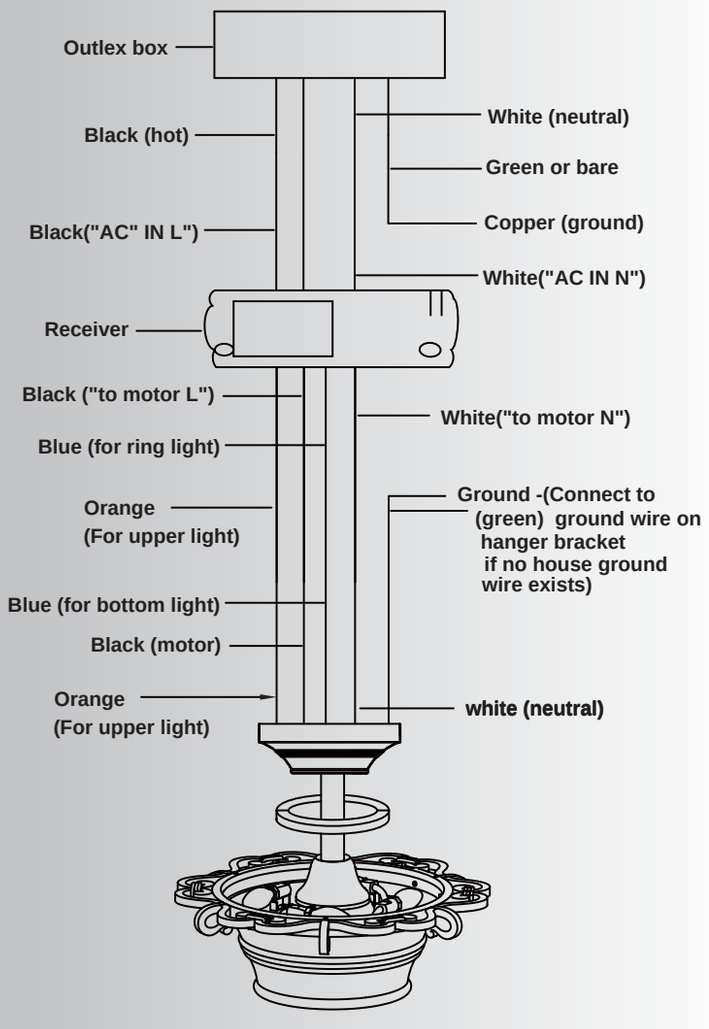


Fig. 14

Step 3. Remote Receiver to Outlet Box Electrical Connections: Connect the black (hot) wire from the ceiling to the black wire marked “AC in L” from the receiver.
Connect the white (neutral) wire from the ceiling to the white wire marked “AC in N” from the Receiver. Secure the wire connections with the plastic wire nuts provided. (Fig. 14)

Step 4. If your outlet box has a ground wire (green or bare copper) connect it to the fan ground wires; otherwise connect the hanging bracket ground wire to the mounting bracket. Secure the wire connection with a plastic nut provided. After connecting the wires, spread them apart so that the green and white wires are on one side of the outlet box and black and blue wires are on the other side. Carefully tuck the wire connections up into the outlet box. (Fig. 14)

Note: Fan must be installed at a maximum distance of 30 feet from the transmitting unit for proper signal transmission between the transmitting unit and the fan's receiving unit.

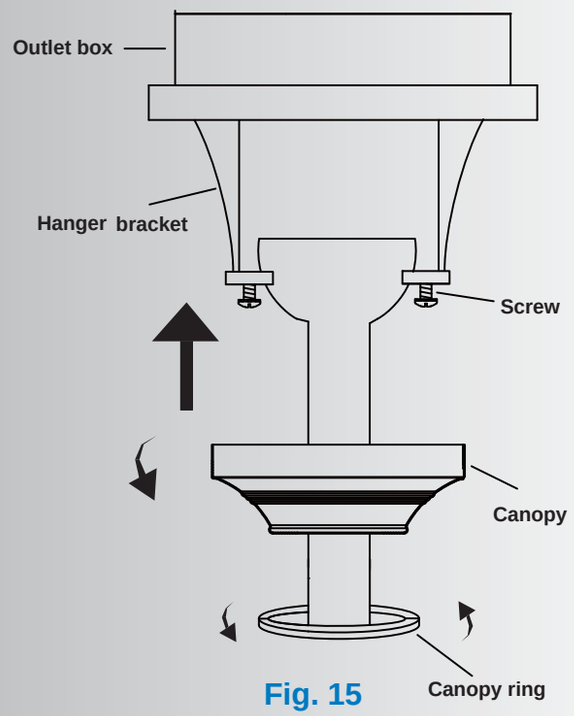


Fig. 15

8. INSTALLING THE CEILING CANOPY

Step 1. Tuck connections neatly into ceiling outlet box.

Step 2. Slide the canopy up to ceiling and onto the two screws on hanger bracket. Rotate the canopy clockwise and tighten both screws.

NOTE: adjust the canopy screws as necessary until the canopy and canopy cover are snug. (Fig.15)

Warning: Make sure the “Check Tab” at the bottom of the hanger bracket is properly seated in the “Registration Slot” on the side of the hanger ball before attaching the canopy to the bracket. Failure to properly seat the“Check Tab” could damage the electrical wires when to ceiling fan blade direction is changed while the fan is running.
CAUTION: All set screws must be checked and retightened where necessary.

9. ATTACHING THE FAN BLADES

Step 1 Attach the blade to the blade bracket using the screws, washers and fiber washers as shown in Figure 16. Start screw into bracket. Repeat for the three remaining screws.

Step 2. Make sure the blade is straight and tighten each screw.

Step 3. Fasten blade assembly to motor using "pre-installed" mounting screws in the blade bracket . (Fig. 17)

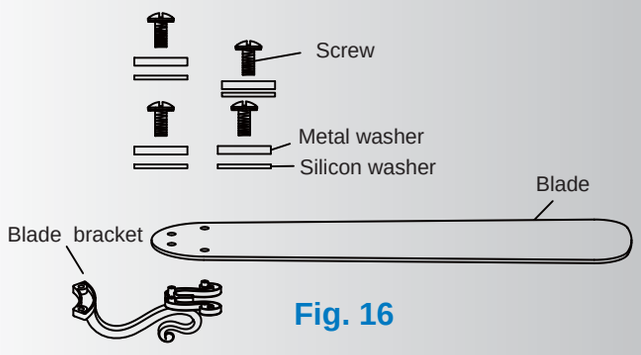


Fig. 16

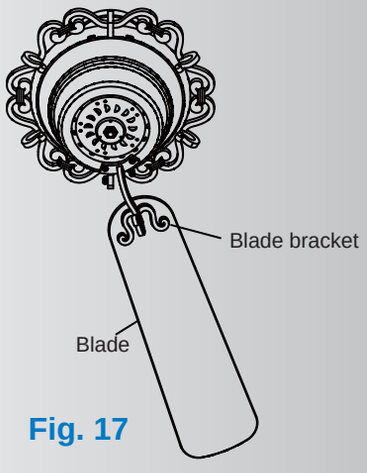


Fig. 17

10. INSTALLATING THE MOUNTING PLATE

Step 1. Remove 1 of the 3 screws in the mounting ring and loosen the other 2 screws. (Do not remove)

Step 2. Place the key holes on the mounting plate over the 2 screws previously loosened and turn the mounting plate until it locks in place at the narrow section of the key holes. Secure by tightening the 2 screws previously loosened and reinstall the one removed. (Fig. 18)

NOTE: If you would like to install the light fixture that came with your ceiling fan, please skip to Step 12 and continue. If you want you ceiling fan installed WITHOUT the light fixturek, follow Step 11 and then skip to Step 14.

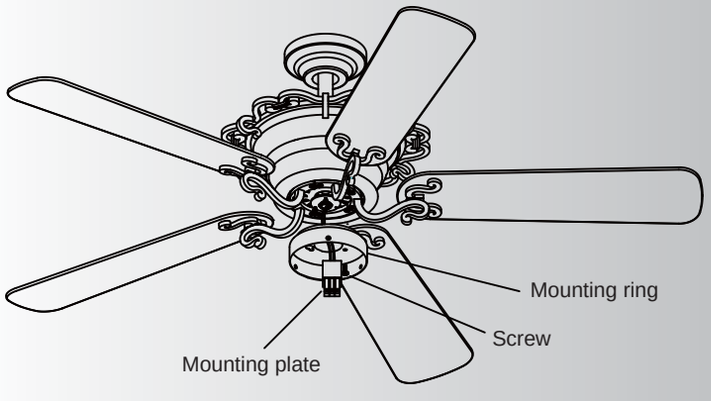


Fig. 18

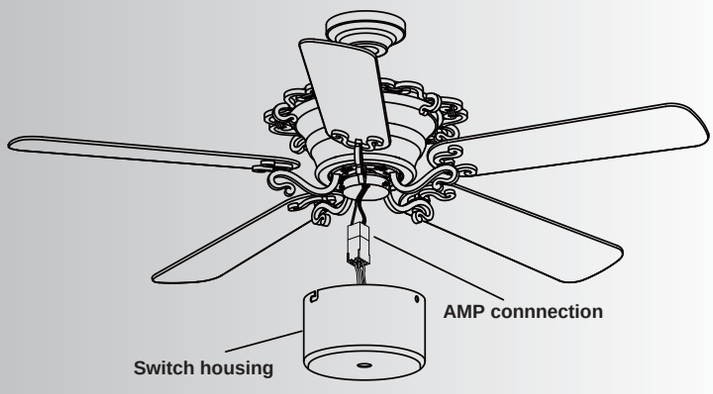


Fig. 19

11. INSTALLING THE SWITCH HOUSING

NOTE: The wire connectors in this step will only fit together “One Way”. Make sure the connectors are properly aligned.

Step 1. Loosen the 3 screws on the switch housing mounting plate.

Step 2. The square plastic wiring connector from the ceiling fan and the switch housing will only fit together one way. Match up the color on the side of the connector, then push them together until the snap engages.

Step 3. Tuck the connections neatly into the switch housing. Align the key holes on the switch housing with the screws on the mounting plate. Turn the switch housing until it locks in place at the narrow end of the key holes. Tighten all 3 screws previously loosened. (Fig. 19)

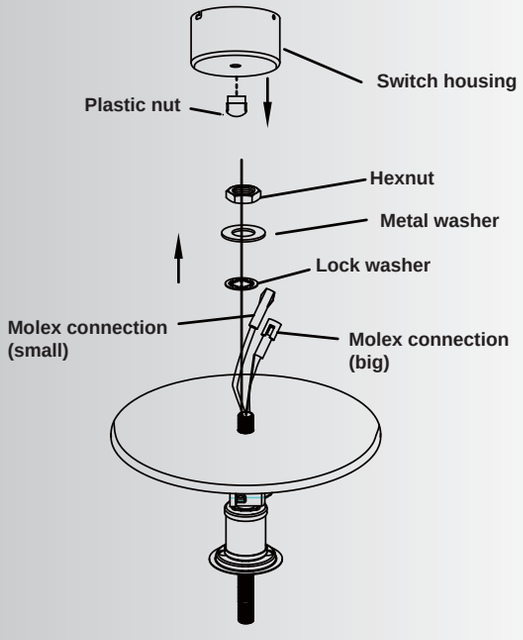


Fig. 20

12. INSTALLING THE LIGHT KIT

Step 1. Locate the switch housing that came with your ceiling fan, then push out the plastic plug located in the center of the switch housing. See Fig 20.

Step 2. Remove the mounting nut / lock washer / metal washer from the light fixture mounting stem.

Step 3. Pass the molex connectors through the bottom hole of switch housing (starting with the larger connector first). Threaded the light kit onto the switch housing and make it snug. Add the nut / lock washer / metal washer and tighten securely.

Step 4. Match the smaller connection of light kit to the bigger one of switch housing and push them together until the snap engages. Follow the same procedure for the other connector. (Fig. 20)

Step 5. The square plastic wiring connector from the ceiling fan and the light fixture will only fit together one way. Match up the color on the side of the connector, then push them together until the snap engages.

Step 6. Tuck the connections neatly into the switch housing. Align the key hole on the switch housing with the screws on the mounting plate. Turn the light fixture until is locks in place at the narrow end of the key holes. Tighten all 3 screws previously loosened. (Fig. 21)

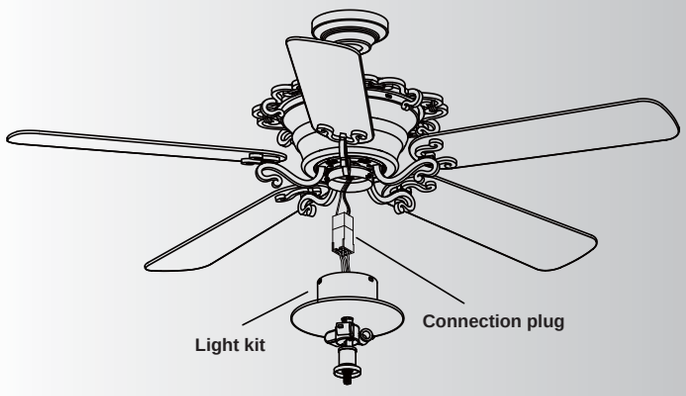


Fig. 21

13. INSTALLING THE LIGHT BULB & GLASS SHAED

Step 1. Slide the glass shade over the threaded pipe. Place the silicon washer/ metal washer and thread the manual nut onto the pipe. Place the decorative plate and tighten the glass bowl with the finial. (Fig. 22)

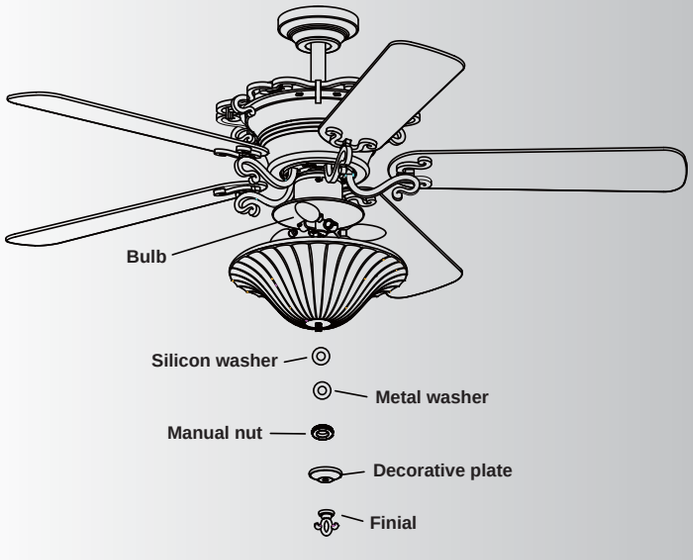


Fig. 22

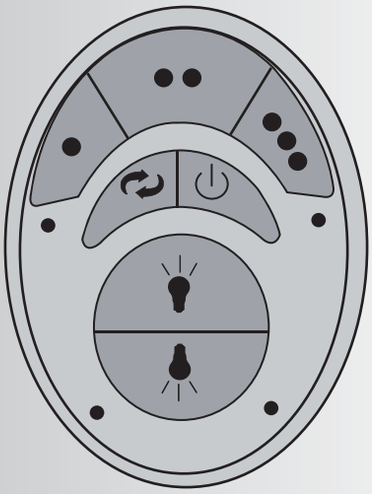


Fig. 23

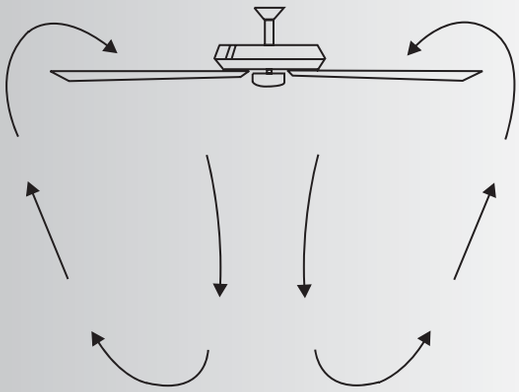


Fig. 24

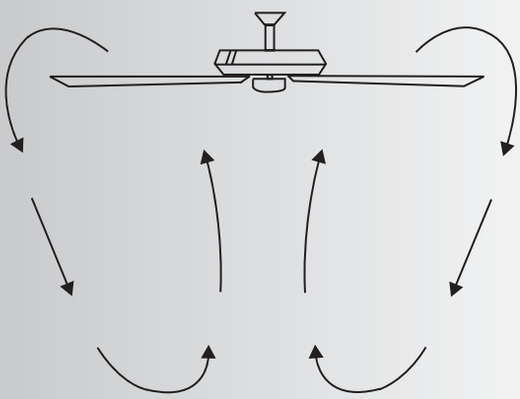


Fig. 25

14. OPERATING INSTRUCTIONS

Restore power to ceiling fan and test for proper operation.

A. ● , ●● , and ●●● buttons:
These three buttons are used to set the fan speed as follows:

● = low speed
●● = medium speed
●●● = high speed

B. ⏻ button:
This button turns the fan off.

C. The " " button:
Press to turn the upper light on and off, hold for full range dimming. (If your ceiling fan is equipped with an “Upper Light”)

D. The " " button:
Press and release the button to turn the light ON or OFF. Press and hold the button to set the desired brightness. The light key has an auto-resume, it will stay at the same brightness as the last time it was turned off.

D. The " " button is used to set the fan forward or reverse, press the button forward (for warm weather) or reverse (for cool weather).

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

NOTE: To operate the reverse function on this fan, press the reverse button while the fan is running.

Warm weather-(Forward) A downward airflow creates a cooling effect as shown in Fig. 24.. This allows you to set your air conditioner on a warmer setting without affecting your comfort.

Cool weather - (Reverse) An upward airflow moves warm air off the ceiling area as shown in Fig. 25. This allows you to set your heating unit on a cooler setting without affecting your comfort.

15. INSTALLING THE CoolTouch™ CONTROL SYSTEM WALL PLATE

To install the coolTouch™ control system wall plate, you can select the following locations to fulfill your wall plate installation.

1. Using the existing wall outlet box:

Step 1. Remove the existing wall plate and the old switch from the wall outlet box. Wire nut the BLACK leads (hot) together and push back inside the outlet box. (Fig. 26)

2. Install on flat wall:

Place the coolTouch™ wall plate on a flat wall using the wall anchors and 2 wood screws provided.

3. Install 2,3 volt #2032 battery included with the coolTouch™ control system.

Note: To prevent damage to transmitter, remove the batteries if not used for long periods of time (months). (Fig. 28)

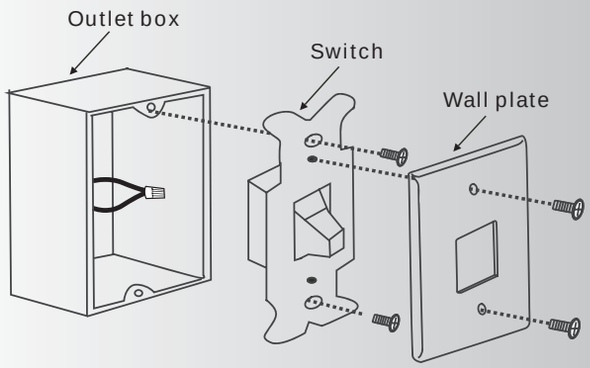


Fig. 26

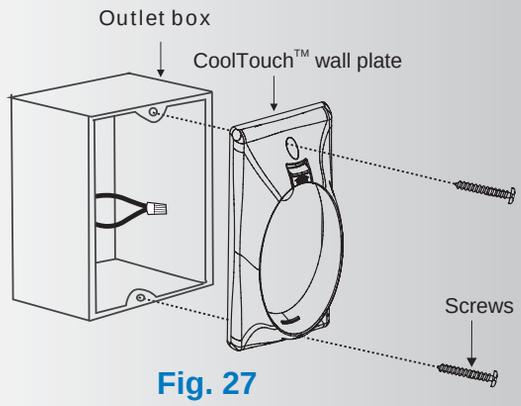


Fig. 27

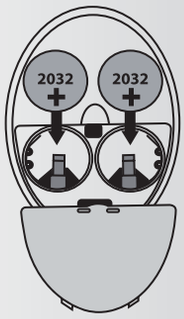


Fig. 28

16. INSTALLING THE TRANSMITTER

1. To place the transmitter in the wall plate, put the bottom end in first and then press the top into the wall plate. The transmitter is now held in the wall plate and will function from here. (Fig. 29)

2. To remove the transmitter from the wall plate, push the release button and the transmitter will fall into your hand.

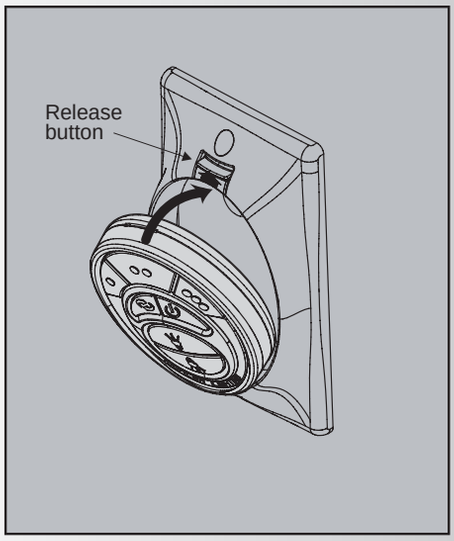


Fig. 29

17. TROUBLESHOOTING

Problem	Solution
Fan will not start.	1. Check circuit fuses or breakers. 2. Check line wire connections to the fan and switch wire connections in the switch housing. **CAUTION:** Make sure main power is off. 3. Check to make sure the dip switches from the transmitter and receiver are set to the same frequency. 4. Check to make sure the batteries are installed porperly. (postive +side facing out) 5 . Check to make sure the batteries are not dead.
Fan sounds noisy.	1. Make sure all motor housing screws are snug. 2. Make sure the screws that attach the fan blade bracket to the motor hub is tight. 3. Make sure wire nut connections are not rubbing against each other or the interior wall of the switch housing. **CAUTION:** Make sure main power is off. 4. Allow a 24-hour "breaking-in" period. Most noise associated with a new fan disappear during this time. 5. If using an optional light kit, make sure the screws securing the glassware are tight. Check that light bulb is also secure. 6. Do not connect the fan with wall mounted variable speed control(s). 7. Make sure the upper canopy is a short distance from the ceiling. It should not touch the ceiling.
Fan wobble.	1. Check that all blade and blade arm screws are secure. 2. 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". 3. Use the enclosed Blade Balancing Kit if the blade wobble is still noticeable. 4. If the blade wobble is still noticeable, interchanging two adjacent (side by side) blades can redistribute the weight and possibly result in smoother operation.
Remote control malfunction.	1. Do not connect the fan with wall mounted variable speed control(s). 2. Make sure the dip switches are set correctly.

18. SPECIFICATIONS

Fan Size	Speed	Volts	Amps	Watts	RPM	CFM	N.W.	G.W.	C.F.
54"	Low	120	0.37	16.7	64	1980	12.69 kgs	13.82 kgs	3.39'
	Medium	120	0.59	47.6	123	4140			
	High	120	0.67	80.5	170	5650			

These are approximate measures. They do not include Amps and Wattage used by the light kit.