Golden Iridescence™

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® Lighting
7711 East Pleasant Valley Road
P.O. Box 318010
Cleveland, Ohio 44131-8010

Customer Service
866.558.5706
8:30 AM to 5:00 PM EST,
Monday - Friday

KICHLER
LIGHTING

Instruction Manual

KICHLER
LIGHTING

KHA9090101

KICHLER
LIGHTING

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 cleaning and maintenace, or attempting installation.

2. All wiring must be in accordance with the National Electrical Code, ANSI/NFPA70-1999 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 this fan to outlet box marked **"Acceptable for Fan Support"** 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 the 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 conductor of a fan identified as grounded condutor to be connected to a grounded conductor of power supply, conductor of fan identified as ungrounded conductor to be connected to an ungrounded conductor of power supply,conductor of fan identified for equipment grounding to be connected to an equipment-grounding conductor.

12. Electrical diagrams are for reference only. Light kits that are not packed with the fan must be marked suitable for use with the model fan you are installing. Refer to the Instructions packaged with the light kits and switches for proper assembly.
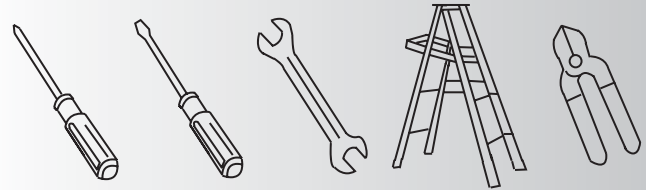
> **WARNING**
> TO REDUCE THE RISK OF PERSONAL INJURY, DO NOT BEND THE BLADE BRACKETS WHEN INSTALLING THE BRACKETS, BALANCING THE BLADES, OR CLEANING THE FAN. DO NOT INSERT FOREIGN OBJECTS IN BETWEEN ROTATING FAN BLADES.
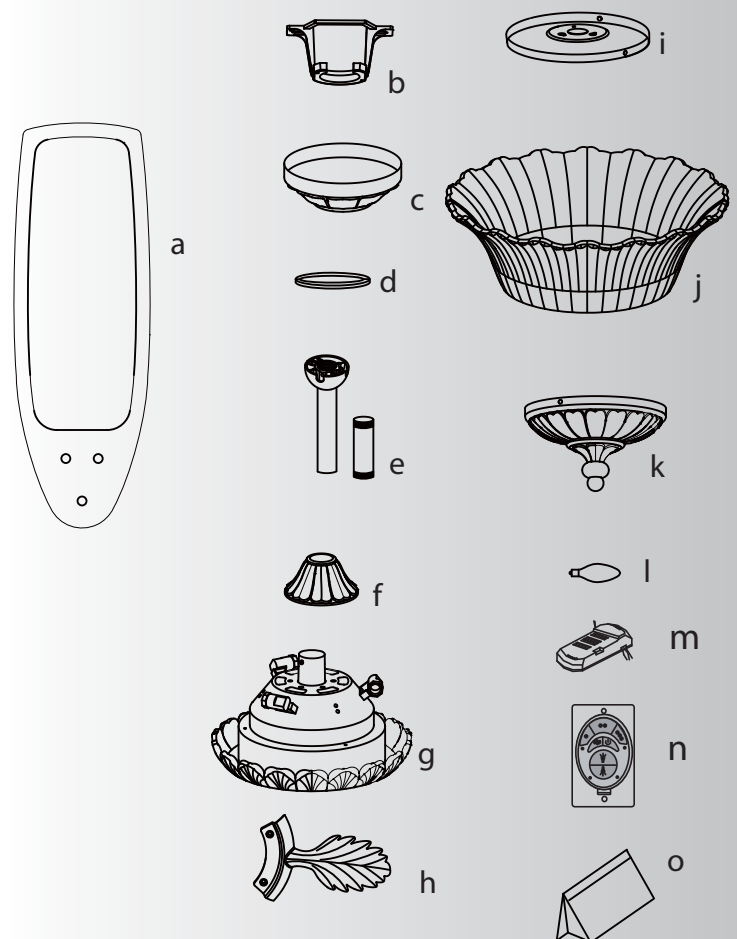
2. TOOLS AND MATERIALS REQUIRED

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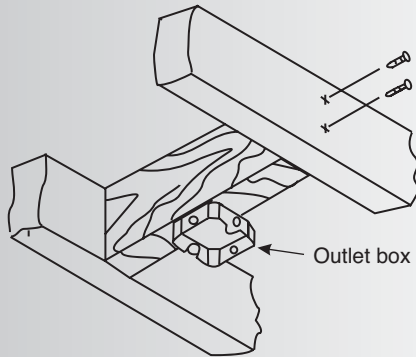- Slot screw driver
- 11 mm wrench
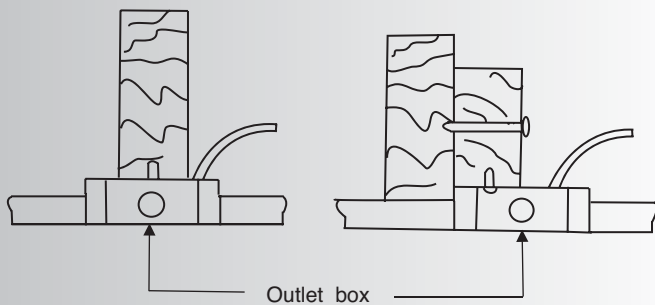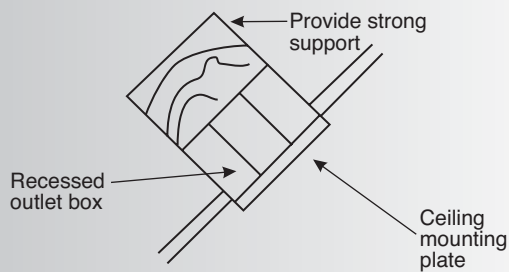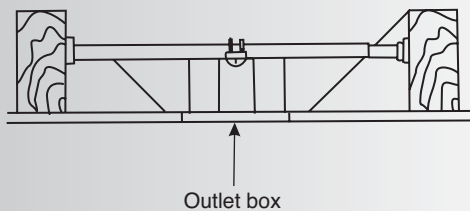- Step ladder
- Wire cutters

3. PACKAGE CONTENTS

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

a.   Fan blades (5)
b.   Mounting bracket (1)
c.   Canopy (1)
d.   Canopy Cover (1)
e.   Ball/downrod assembly (1)
      & extra downrod (1)
f.   Coupling cover (1)
g.   Fan assembly (1)
h.   Set of blade brackets (5)
i.   Mounting plate (1)
j.   Upper glass bowl (1)
k.   Light plate ASM (1)
l.   Bulb (4)
m.   Receiver +7 wire nuts
n.   CoolTouch™ Control System
o.   Parts Bag Contents
      1) Mounting hardware:
      a. wood screws (2), flat washers (2),
      screws (2),wire nuts (4)
      2) Blade attachment hardware:
      a. screws (16), flat washers (16),
      fiber washers (16)
      3) Blade bracket hardware:
      a. screws (1)
      4) Safety cable hardware:
      a. wood screw (1), spring washer (1),
      flat washer (1)
      5) Mounting plate for glass hardware:
      a. mounting plates for upper glass (3),
      manual nuts (3)
      6) Balance kit

KICHLER
LIGHTING

Fig. 1

Outlet box

Outlet box

Fig. 2

Provide strong support

Recessed outlet box

Ceiling mounting plate

Fig. 3

Outlet box

Fig. 4

4. MOUNTING OPTIONS

If there isn't an exsiting 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 a joist hanging bracket 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 and take the lower styrofoam packing pad out of the carton. Place the styrofoam pad on the floor. Then place the fan assembly into the styrofoam 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 block and discard. (Fig. 5)

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

Step 3. Use a screwdriver to loosen the cross pin and remove it from downrod assembly. Loosen the set screw and rotate the hanger ball off the downrod. (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 fan electrical wires up through the downrod. Thread 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. (Fig. 8)
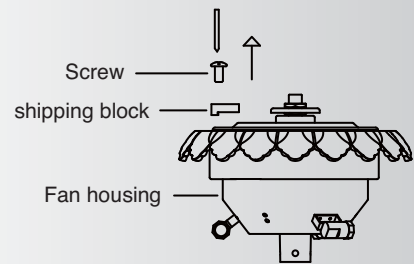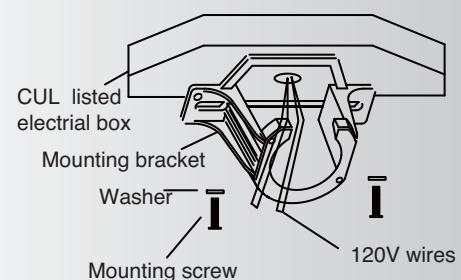
Screw
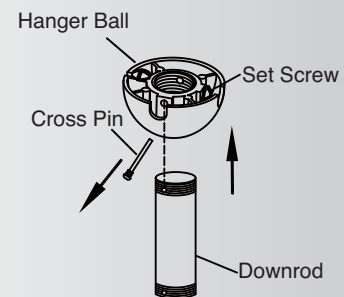shipping block
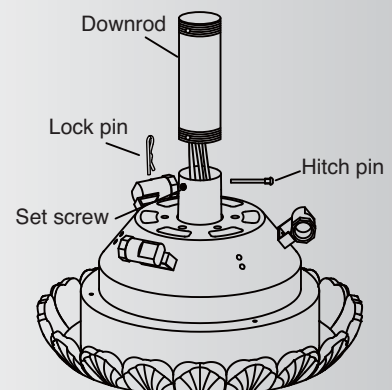Fan housing

Fig. 5

CUL listed electrial box
Mounting bracket
Washer
Mounting screw
120V wires

Fig. 6

Hanger Ball
Set Screw
Cross Pin
Downrod

Fig. 7

Downrod
Lock pin
Hitch pin
Set screw

Fig. 8

KICHLER
LIGHTING

Canopy

Downrod — — Canopy cover

Coupling cover

Fig. 9
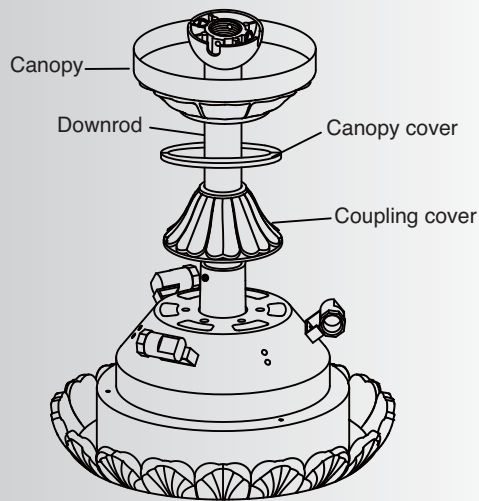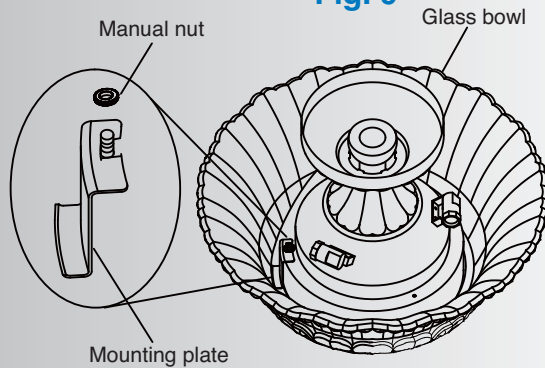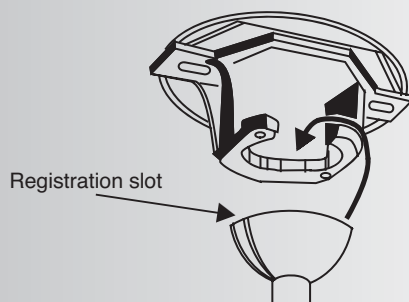
Manual nut

Glass bowl

Mounting plate

Fig. 10

Registration slot

Fig. 11

Step 6. Slip coupling cover, canopy cover and canopy onto the downrod. Carefully reinstall the hanger ball onto the dowrod. Make sure the cross pin is in the correct position and the set screw on hanger ball is tight. (Fig. 9)

Step 7. Carefully pass the upper glass bowl over the downrod and let it rest on top of the motor housing. (Fig. 10) Align the slot on the mounting plate with the screw stem on the motor housing. Set the mounting plate so the screw stem comes through slot on the mounting plate with the bottom curled end of the mounting plate resting against the side of the glass bowl. Tighten the manual nut provided. Repeat this process for the remaining two mounting plates. Install four (4) lamps 15W (included), one in each sochet.

Step 8. Now lift motor assembly into position and place hanger ball into the hanger bracket. Rotate motor assembly until the "check groove" has dropped into the "registration slot" and seats firmly. (Fig. 11)

NOTE: The entire motor assembly should not rotate if this is done correctly.

NOTE: Please make sure all set screws are in place and tight before installation the following steps.

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

A safety support cable is provided to help prevent the ceiling fan from failing, please install it as follows.

Step 1. Attach the provided wood screw and washers to the ceiling joist next to the mounting bracket but do not tighten. (Fig. 12-1)

Step 2. Adjust the length of the safety cable to reach the screw and washers by pulling the extra cable through the cable clamp until the overall length is correct, put the end of the cable back through the cable clamp, forming a loop at the end of the cable. Tighten the cable clamp securely. Now, put the loop in the end of the safety cable over the wood screw and under the washer. Tighten the wood screw securely. See Fig. 12-2
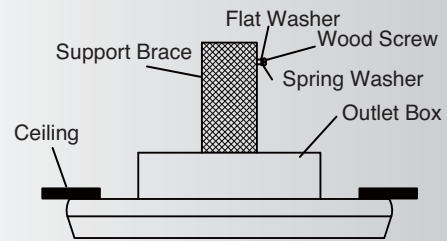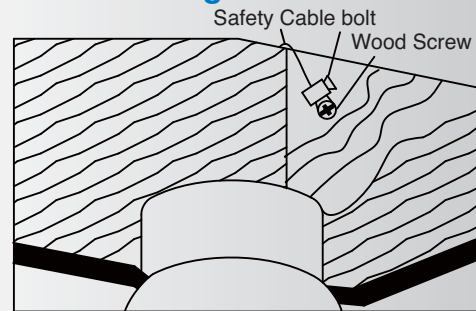

Fig. 12-1

Fig. 12-2

7. MAKE THE ELECTRIC CONNECTIONS

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

WARNING: If your house wires are different colors than referenced in this manual, stop immediately. A professional electrician is recommended to determine proper 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 setting will operate the fan as long as each switch on the transmitter and receiver are set to the same opposition. (Fig. 13) Changing the order of switches on each switch block, changes the operational frequency.

Step 1. Insert the receiver into the mounting bracket, with the flat toward the ceiling. (Fig. 14)

Step 2. Motor to Receiver Electrical Connections:

NOTE: Make all of the following connections with "Wire Nut" connectors.

Connect the black wire from the fan to black wire marded "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 fan to the orange wire marked "FOR UPPER LIGHT" receiver. Secure all the wire connections with the plastic wire nut provided. (Fig. 15 on the next page)
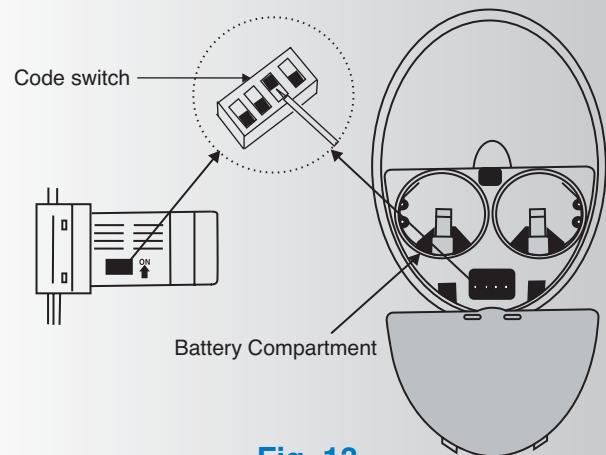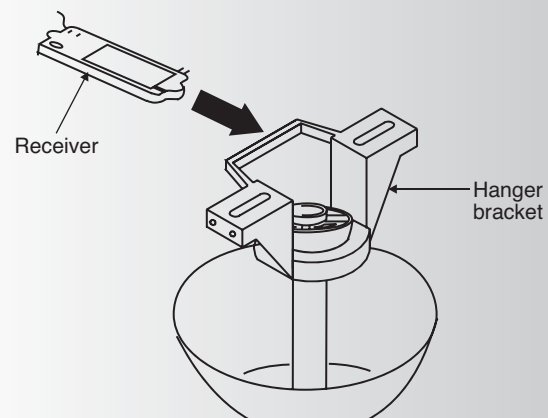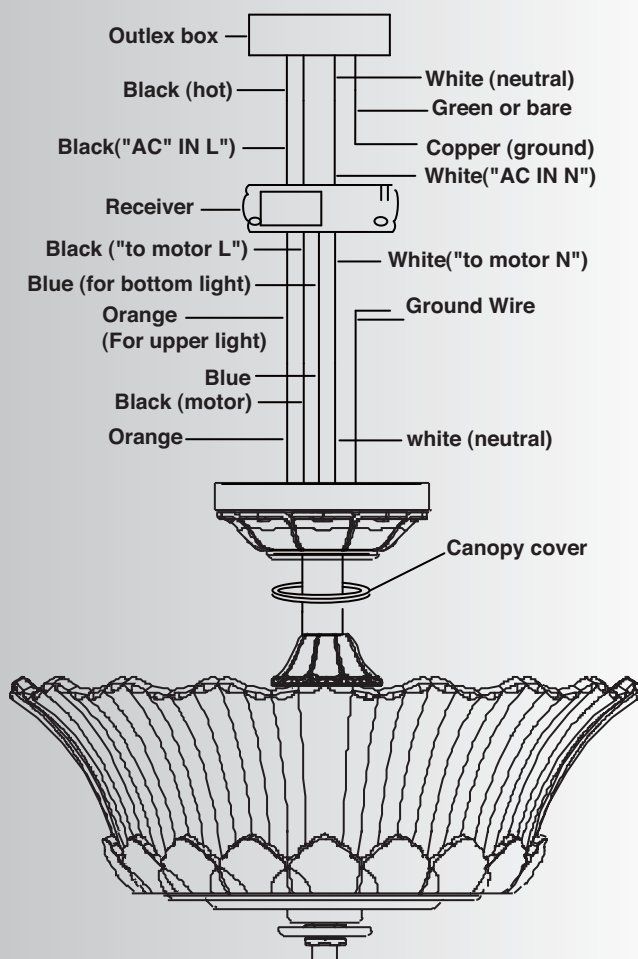

Fig. 13

Fig. 14

KICHLER LIGHTING

Outlex box

Black (hot)

Black("AC" IN L")

Receiver

Black ("to motor L")

Blue (for bottom light)

Orange
(For upper light)

Blue

Black (motor)

Orange

White (neutral)

Green or bare

Copper (ground)

White("AC IN N")

White("to motor N")
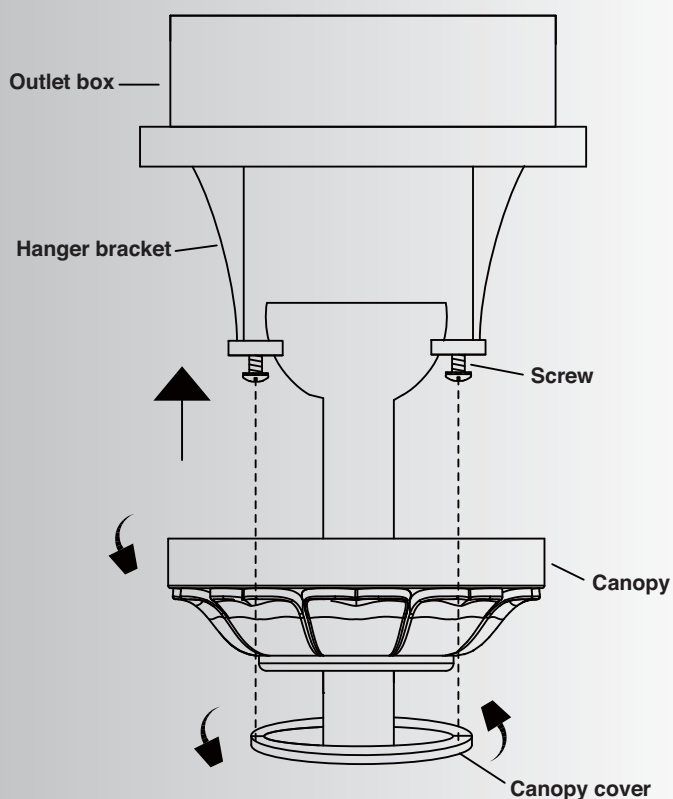
Ground Wire

white (neutral)

Canopy cover

Fig. 15

Step 3. Receiver to House Supply Wires 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. 15)

Step 4. If your outlet box has a ground wire (green or bare copper) connect it to the fan ground wires. Secure the wire connection with a plastic nut provided.

NOTE: Carefully tuck the wire connections up into the outlet box. (Fig. 15)

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

Outlet box

Hanger bracket

Screw

Canopy

Canopy cover

Fig. 16

8. INSTALLING THE CEILING CANOPY

Warning: One last time, 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.

Step 1. Make sure all of the electrical connections are tucked neatly into ceiling outlet box.

Step 2. Slide the canopy up to ceiling fan and onto the two screws on hanger bracket. Rotate the canopy clockwise and tighten the two screws. Next, while holding the canopy with one hand, slide the canopy cover over the screws and rotate clockwise until tight.

NOTE: You may need to adjust the canopy mounting screws as necessary until the canopy and canopy cover are have a snug fit. (Fig.16)

9. ASSEMBLYING AND ATTACHING THE FAN BLADES

Step 1. Attach the blade to the blade bracket using the screws, washers and fiber washers provided. Refer to Fig. 17 as needed. Start each screw into the bracket. Repeat for the two (2) remaining screws.

Step 2. Make sure the blade is straight and tighten each screw until the fiber washer is slightly compressed and all three screws are secure.

Step 3. Attach each completed blade assembly to the face of the motor using the "pre-installed" mounting screws in each blade bracket. (Fig. 18) Make sure each mounting screw is securely tightened.
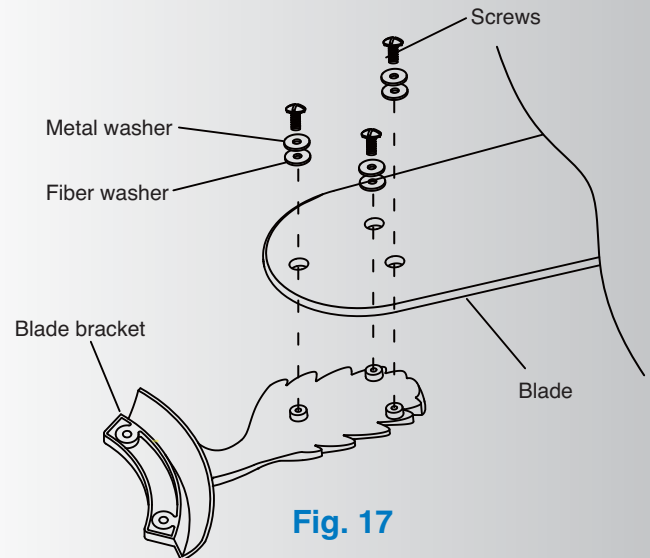
Screws

Metal washer

Fiber washer

Blade bracket

Blade

Fig. 17

Blade bracket

Blade

Screw

Fig. 18

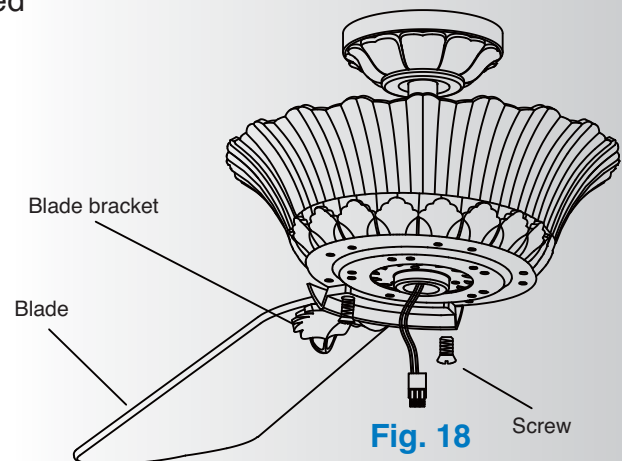## 10. INSTALLATING THE MOUNTING PLATE

1. Remove 1 of the 3 screws on the mounting ring and loosen the other 2 screws. Do not remove the mounting ring located on the motor shaft.

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. 19)
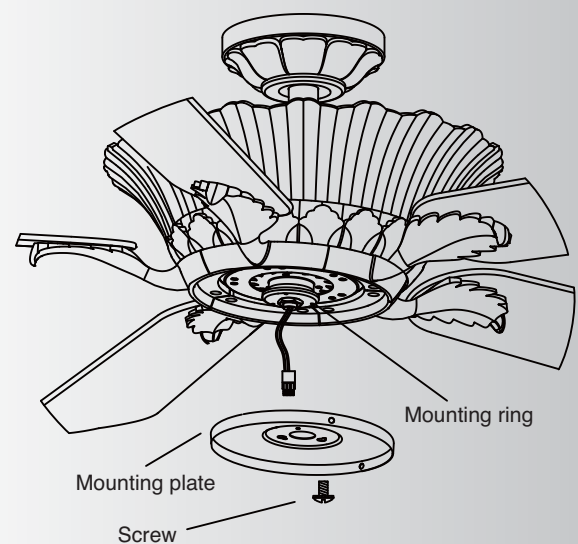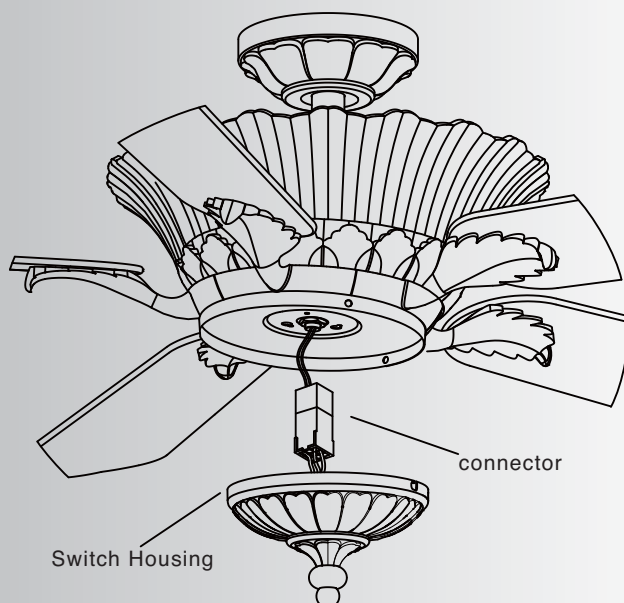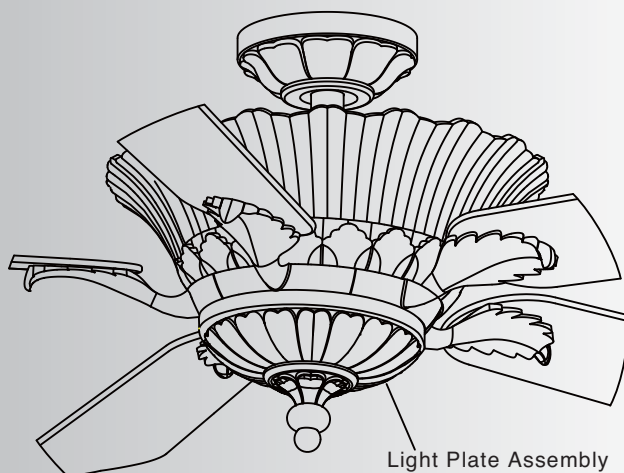
Mounting ring

Mounting plate

Screw

Fig. 19

KICHLER
LIGHTING

11. INSTALLING THE LIGHT PLATE

NOTE: Before continuing, make sure the power is disconnected by turning off the circuit breaker or removing the fuse at the circuit box.

Step 1. Loosen the 3 screws from the mounting plate.

Step 2. The square plastic wiring connectors from the ceiling fan and the switch housing will only fit together one way. Match up the color on the side of each connector, then push them together until the snap engages. (Fig. 20)

Step 3. Tuck the new connections neatly into light plate assembly, place the light plate key holes over the 3 screws previously loosened on the mounting plate, turn light plate until it locks in place at the narrow section of the key holes. Secure by tightening the 3 screws previously loosened. (Fig. 21)

YOUR NEW KICHLER CEILING FAN IS NOW REDAY TO USE. REMEMBER TO RESTORE ALL POWER.

connector

Switch Housing

Fig. 20

Light Plate Assembly

Fig. 21

12. 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 the button to turn the upper light on.

Fig. 22

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.

E . The " " button is used to set the fan forward or reverse. Press the button for 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.

Fig. 23

Warm weather-(Forward) A downward airflow creates a cooling effect as shown in Fig. 23. 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. 24. This allows you to set your heating unit on a cooler setting without affecting your comfort.
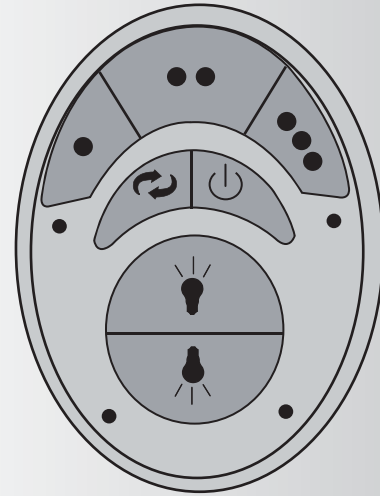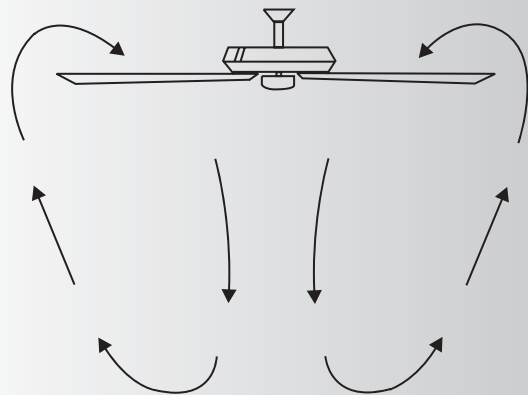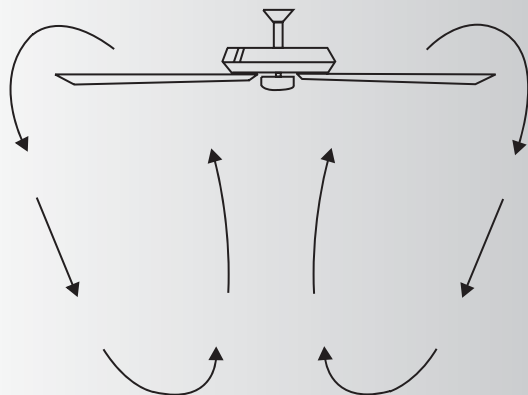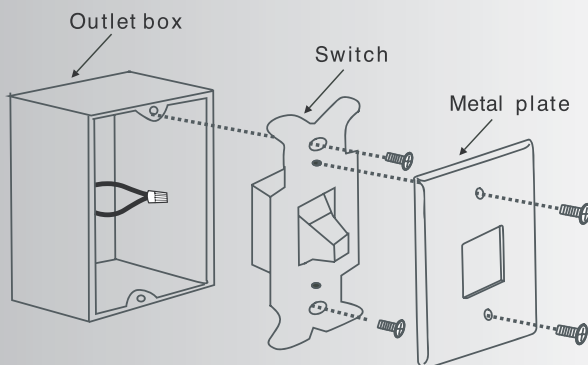

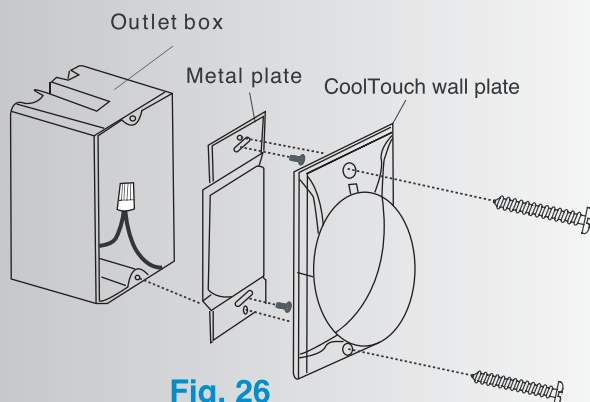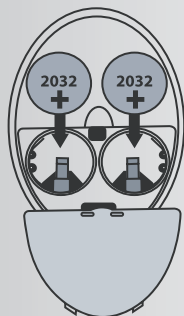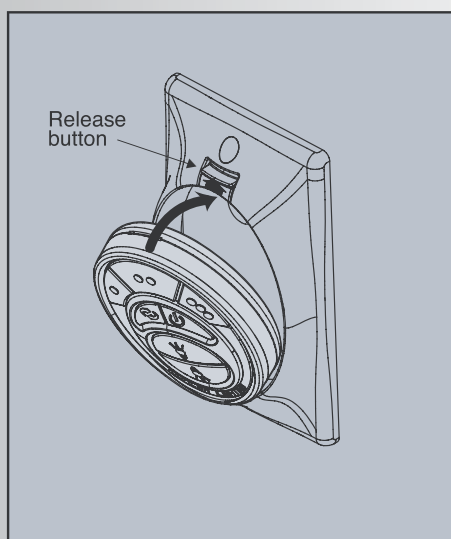**Fig. 24**

Fig. 25

Fig. 26

Fig. 27

13. INSTALLING THE COOLTOUCH™ CONTROL SYSTEM WALL PLATE

MAKE SURE THE ELECTRICITY IS TURNED OFF AT THE MAIN JUNCTION BOX OR THE CORRECT FUSE HAS BEEN PULLED AT THE MAIN JUNCTION BOX BEFORE CONTINUING.

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. 25)

2. Install on flat wall:

Attach the metal plate to outlex box by two (2) screws. Place the CoolTouch™ wall plate on a metal plate using the wall anchors and 2 wood screws provided. (Fig. 26)

Note: To prevent damage to transmitter, remove the batteries if not used for long periods of time (months). (Fig. 27)

3. Install 2, 3 volt #2032 batteries included with the CoolTouch™ Control System .

Fig. 28

14. INSTALLING AND REMOVING THE HAND HELD TRANSMITTER

1. To place the transmitter in the wall plate, put the bottom end in first and the press the top into the wall plate. The transmitter is now held in the wall plate and will function from here. (Fig. 28)

2. To remove the transmitter from the wall plate, push the release button and the transmitter will fall into your hand. Now the transmitter can be use "Any where" as long as you are within 30 feet of the ceiling fan.

15. LIGHT FIXTURE INSTALLATION

NOTE: Two (2) light fixtures are available for this ceiling fan. If you purchased one, please select the appropriate set of installation instructions below.

BOWL FIXTURE

Step 1. Remove the Wiring Harness from the Ceiling Fan "Switch Housing". This includes the Reverse Module, Capacitor and 9 Pin Connector. Refer to Fig. 29.

Step 2. Connect the Black wire from the Light Fixture to the blue wire from the Wiring Harness by pushing them together. Repeat this procedure for the White wires. Now, remove the paper from the double sided tape on each of the components of the Wiring Harness and attach them to the inside of the Light Fixture Switch Housing. Refer to Fig. 30.

Step 3. Attach the Light Fixture wiring to the Ceiling Fan wiring by taking the "Square 9 Pin Connector" from the Light Fixture and pushing it into the "Square 9 Pin Connector" from the Ceiling Fan until the snap engages. *Please note each connector is Color Coded and will fit together one way only.* Refer to Fig. 31.

Step 4. Now tuck the wiring connections neatly into the switch housing. Align the key hole slots on the side of the switch housing to the three (3) screws on the side of the mounting plate. Turn the Light Fixture until it locks in place at the narrow end of the key holes. Secure by tightening the three (3) screws previously loosened. Install the proper size and wattage lamps (provided). Refer to Fig. 32.

Step 5. Feed the light fixture stem through the hole in the center of the glass bowl. Slip the silicon washer, metal washer and manual nut onto the light fixture stem and tighten. Slip the decorative plate and decorative ball onto the light fixture stem, then thread the finial nut onto the stem and tighten snugly but do not over tighten. Refer to Fig. 33.
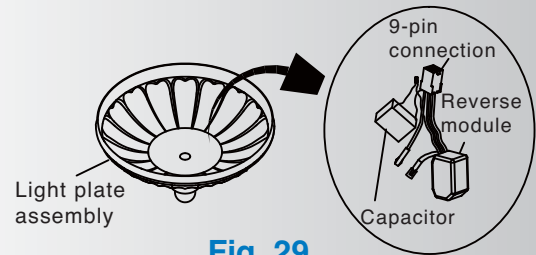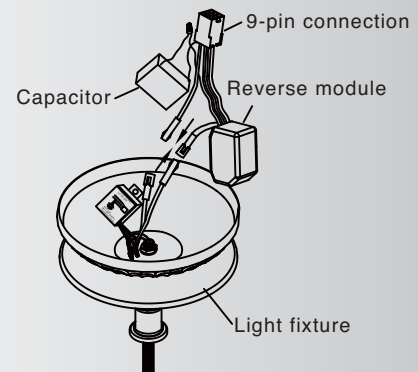

Light plate assembly — 9-pin connection — Reverse module — Capacitor

Fig. 29

9-pin connection — Capacitor — Reverse module — Light fixture

Fig. 30

Mounting plate — Connector — Light fixture

Fig. 31

Bulb

Fig. 32

Glass bowl — Silicon washer — Metal washer — Manual nut — Decorative plate — Decorative ball — Finial

Fig. 33

KICHLER LIGHTING
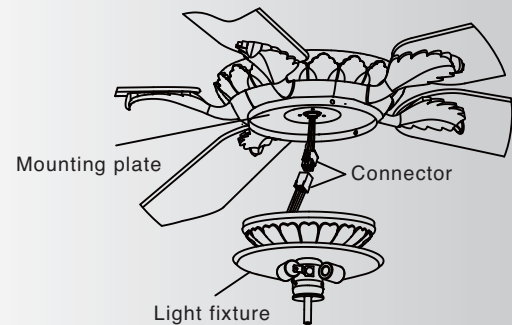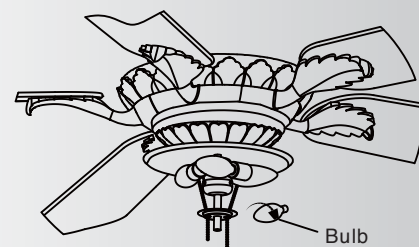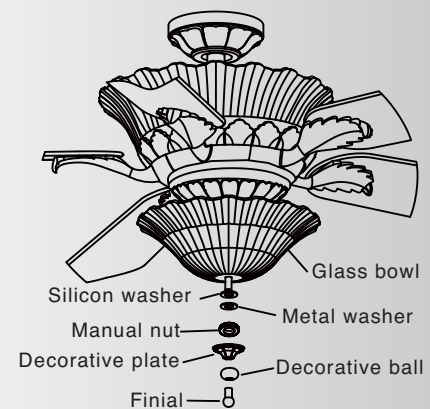
THREE LIGHT FIXTURE

Step 1. Remove the Wiring Harness from the Ceiling Fan "Switch Housing". This includes the Reverse Module, Capacitor and 9 Pin Connector. Refer to Fig. 34.

Step 2. Connect the Black wire from the Light Fixture to the blue wire from the Wiring Harness by pushing them together. Repeat this procedure for the White wires. Now, remove the paper from the double sided tape on each of the components of the Wiring Harness and attach them to the inside of the Light Fixture Switch Housing. Refer to Fig. 35.

Step 3. Attach the Light Fixture wiring to the Ceiling Fan wiring by taking the "Square 9 Pin Connector" from the Light Fixture and pushing it into the "Square 9 Pin Connector" from the Ceiling Fan until the snap engages. Please note each connector is Color Coded and will fit together one way only. Refer to Fig. 36.

Step 4. Now tuck the wiring connections neatly into the switch housing. Align the key hole slots on the side of the switch housing to the three (3) screws on the side of the mounting plate. Turn the Light Fixture until it locks in place at the narrow end of the key holes. Secure by tightening the three (3) screws previously loosened. Refer to Fig. 36.

Step 5. Remove the Socket Nut from each of the lamp sockets. Place a glass shade over a socket and replace the socket nut using the plastic socket nut tool provided. Repeat for each socket. Finally install the proper size and wattage lamps (provided). Refer to Fig. 37.

Special Notice: *This appliance is equipped with a "Wattage Limiting Device" required by the United States Department of Energy. The device has been installed at the factory and can not be removed.*

Installing Lamps in excess of 190 total watts will disable the unit's light fixture. If this should happen, you will need to reset the lighting fixture by turning the power off to the ceiling fan and /or light fixture, reinstalling lamps totaling less than 190 watts and then turning the power back on.
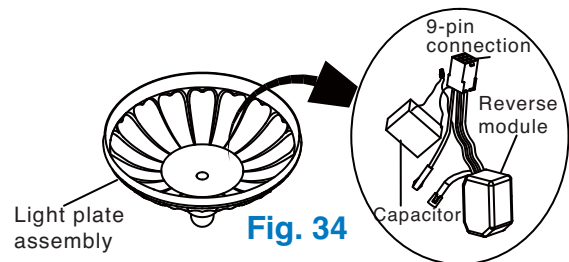
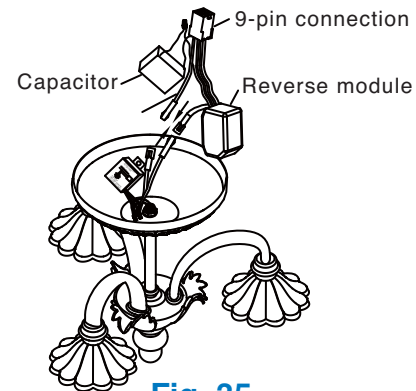9-pin connection
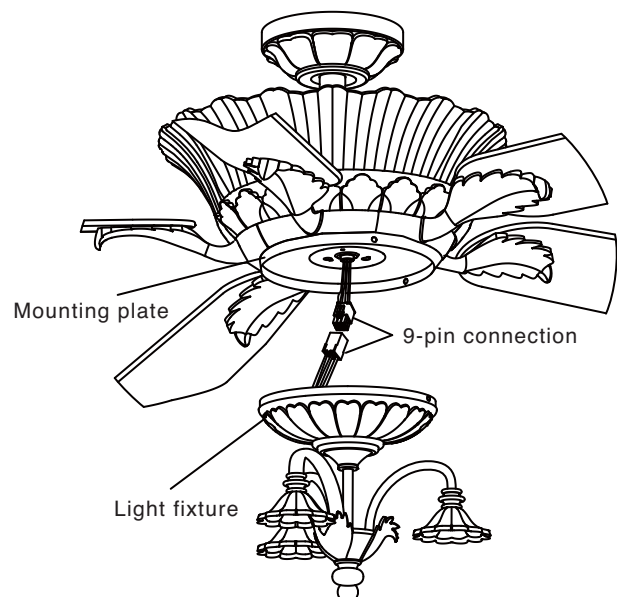Reverse module
Capacitor
Light plate assembly
Fig. 34

9-pin connection
Capacitor
Reverse module
Fig. 35

Mounting plate
9-pin connection
Light fixture
Fig. 36

Light fixture
Glass shade
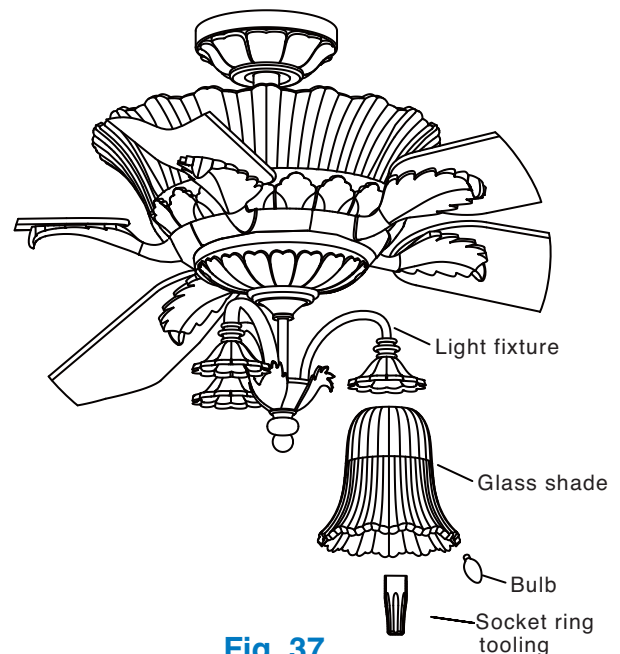Bulb
Socket ring tooling
Fig. 37

16. TROUBLESHOOTING

Problem & Solution

Fan will not operate:

1. Check main circuit breakers or fuses.

2. Check all main wiring connections to the fan and the connections in the switch housing. CAUTION: Make sure main power is off.

Fan makes a noise while running:

1. Make sure all motor housing screws are snug.

2. Make sure the screws that attach the fan blade brackets to the motor face are 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 lamp and make sure it is snug and not touching the glass.

6. Some fan motors are sensitive to signals from solid-state variable speed control. If you have installed this type of control, your ceiling fan and that control may not be compatible.

7. Make sure the ceiling canopy is short distance from the ceiling. It should not touch the ceiling.

Fan wobbles while running:

1. Check that all blade and blade arm screws are secure.

2. Most fan wobbling problems are caused when blade level 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 balance 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.

17. SPECIFICATIONS

Fan Size	Speed	Volts	Amps	Watts	RPM	CFM	N.W.	G.W.	C.F.
52"	Low	120	0.27	14	68	1959	12.00 kgs	13.5 kgs	2.65'
	Medium	120	0.45	38	114	3716			
	High	120	0.63	76	168	5858			

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