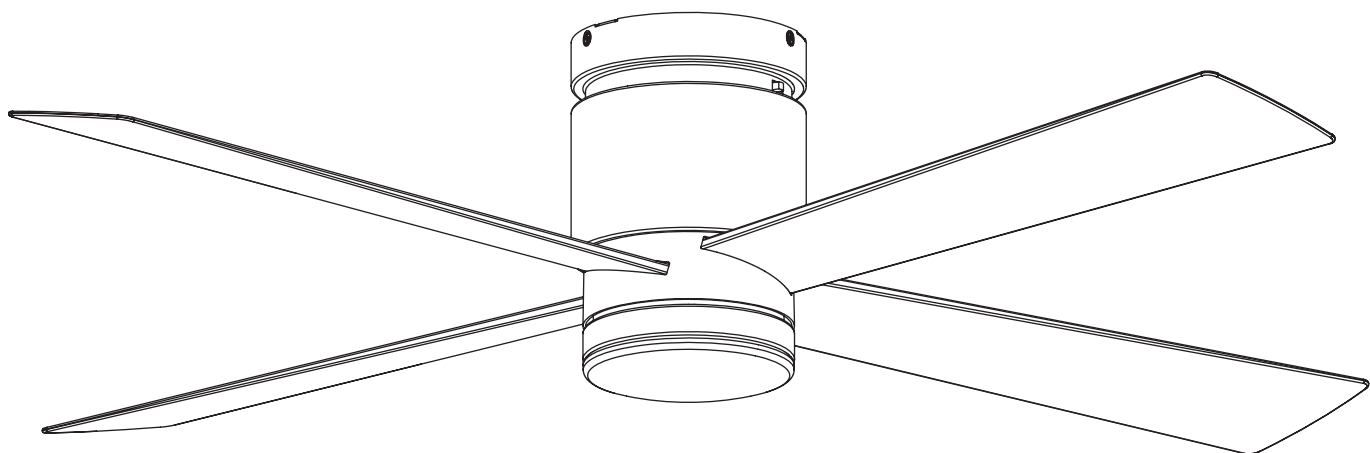


FG52 CEILING FAN



Important Safety Instructions

WARNING: To avoid fire, shock and serious personal injury, follow these instructions.

1. Read your owner's manual and safety information before installing your new fan. Review the accompanying assembly diagrams.
2. Before servicing or cleaning unit, switch power off at service panel and lock service panel disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a warning device, such as a tag, to the service panel.
3. Be careful of the fan and blades when cleaning, painting, or working near the fan. Always turn off the power to the ceiling fan before servicing.
4. Do not insert anything into the fan blades while the fan is operating.
5. Do not operate reversing switch until fan blades have come to a complete stop.
6. The appliance is not intended for use by young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the appliance.

Additional Safety Instructions

1. To avoid possible shock, be sure electricity is turned off at the fuse box before wiring, and do not operate fan without blades.
2. All wiring and installation procedures must satisfy National Electrical Codes (ANSI/ NFPA 70) and Local Codes. The ceiling fan must be grounded as a precaution against possible electrical shock. Electrical installation should be made or approved by a licensed electrician.
3. The fan base must be securely mounted and capable of reliably supporting at least 35 lbs. See page 5 of owner's manual for support requirements. Consult a qualified electrician if in doubt.
4. The fan must be mounted with the fan blades at least 7 feet from the floor to prevent accidental contact with the fan blades.
5. Follow the recommended instructions for the proper method of wiring your ceiling fan. If you do not have adequate electrical knowledge or experience, have your fan installed by licensed electrician.
6. Suitable for use with solid-state speed controls.
7. This fan is to be used in damp locations.
8. Use only with light kits marked suitable for use in damp locations.
9. For supply connections, if the conductor of a fan is identified as a grounded conductor, then it should be connected to a grounded conductor power supply. If the conductor of a fan is identified as an ungrounded conductor, then it should be connected to an ungrounded conductor power supply. If the conductor of a fan is identified for equipment grounding, then it should be connected to an equipment grounding conductor.

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, THIS FAN MUST BE INSTALLED WITH A GENERAL USE ISOLATING WALL CONTROL/SWITCH.

WARNING: This product is designed to use only those parts supplied with this product and/or accessories designated specifically for use with this product. Using parts and/or accessories not designated for use with this product could result in personal injury or property damage.

WARNING: To reduce the risk of personal injury, do not bend the blade bracket (flange or blade holder) when installing the brackets, balancing the blades, or cleaning the fan. Do not insert foreign objects in between rotating fan blades.

WARNING: Mount to an outlet box marked acceptable for fan support of 15.9 kg (35 lbs) or Less.

WARNING: Do not operate this fan with a variable (Rheostat) wall controller or dimmer switch. Doing so could result in damage to the ceiling fan's remote control unit.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Please note that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

Table of Contents

Unpacking Instructions	4	How to Operate Your Ceiling Fan	12
Energy Efficient Use of Ceiling Fans	5	How to Install Your Remote Control	13
Electrical and Structural Requirements	5	Maintenance	14
How to Hang and Wire Your Ceiling Fan	7	How to Clean Your Ceiling Fan Blades	14
How to Assemble Your Ceiling Fan	9	Troubleshooting	14
How to Assemble Your Ceiling Fan Blades	10	Parts List	15
How to Assemble Your Light Kit or Cap	10	Exploded-View illustration	16



This manual is designed to make it as easy as possible for you to assemble, install, operate and maintain your ceiling fan

Tools Needed for Assembly (Not Included)

- One Phillips head screwdriver
- One step ladder
- One 1/4" blade screwdriver
- One wire stripper

Materials

Wiring outlet box and box connectors must be of type required by local code. The minimum wire would be a 3-conductor (2-wire with ground) of the following size:

Installed Wire Length	Wire Size A.W.G.
Up to 50 ft.	14
50-100 ft.	12

NOTE: Place the parts from the loose parts bags in a small container to keep them from being lost. If any parts are missing, contact your local retailer.

⚠ WARNING

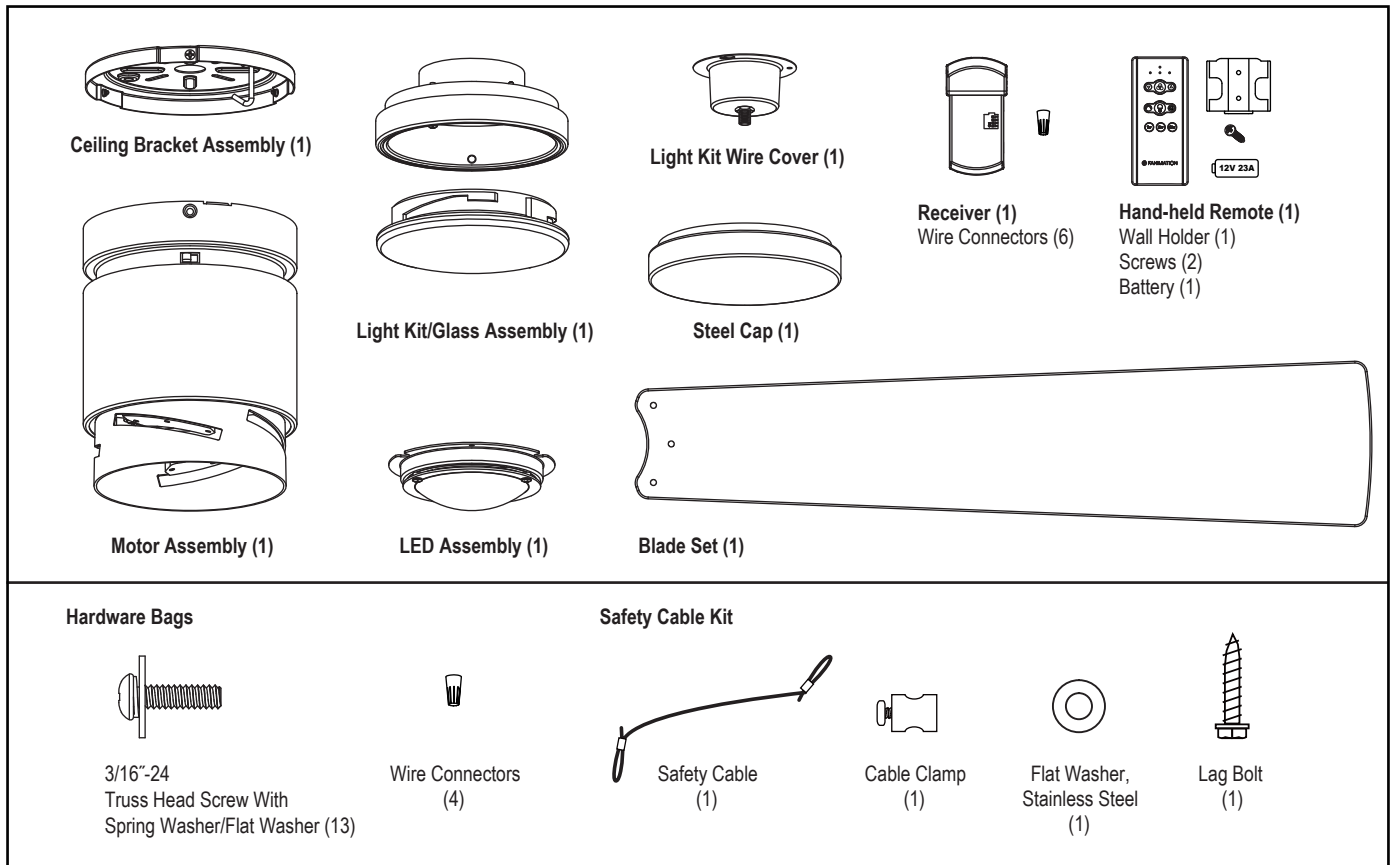
Before assembling your ceiling fan, refer to section on proper method of wiring your fan (page 8). If you feel you do not have enough wiring knowledge or experience, have your fan installed by a licensed electrician.

Unpacking Instructions

For your convenience, check-off each step. As each step is completed, place a check mark. This will ensure that all steps have been completed and will be helpful in finding your place should you be interrupted.

1. Check to see that you have received the following parts:

NOTE: If you are uncertain of part description, refer to exploded view illustration.



Energy Efficient Use of Ceiling Fans

Using the Ceiling Fan Year Round

Summer Season: Use the ceiling fan in the counterclockwise direction. The airflow produced by the ceiling fan creates a wind-chill effect, making you “feel” cooler. Select a fan speed that provides a comfortable breeze, lower speeds consume less energy.

Winter Season: Reverse the motor and operate the ceiling fan at low speed in the clockwise direction. This produces a gentle updraft, which forces warm air near the ceiling down into the occupied space. Remember to adjust your thermostat when using your ceiling fan-additional energy and dollar savings could be realized with this simple step!

Electrical and Structural Requirements

Your new ceiling fan will require a grounded electrical supply line of 120 volts AC, 60 HZ, 15 Amp Circuit. Electrical code requires use of a fan-rated outlet box to support the extra weight and motion associated with a ceiling fan. A fan-rated box will be labeled as such and typically supports up to a 70lb ceiling fan. Fan-Rated Outlet Boxes vary in ratings and design. Ensure the ratings of your ceiling fan outlet box meet the requirements for the ceiling fan being installed. Figure 1, Figure 2 and Figure 3 depicts different structural configurations that may be used for mounting the outlet box.

Low profile box (Figure 1)

A 1/2-in.-deep pancake box is meant to be screwed to a joist or block. It's used if only one cable is coming into the box. It is also available in a saddle-mount configuration.

Deep box (Figure 2)

A 2-1/4-in.-deep box can be attached to blocking between joists and is roomy enough to handle more than one cable.

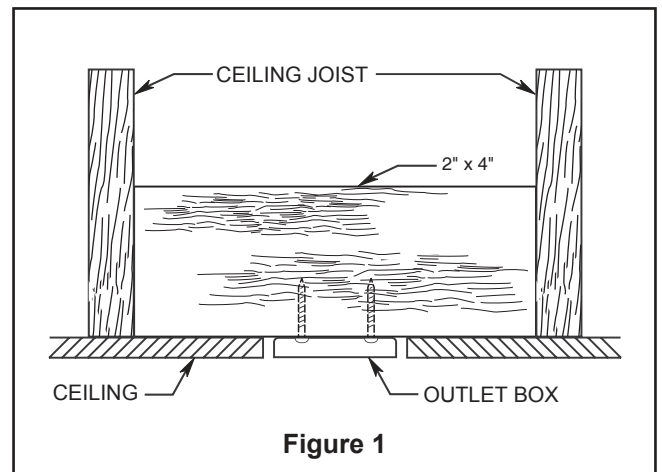


Figure 1

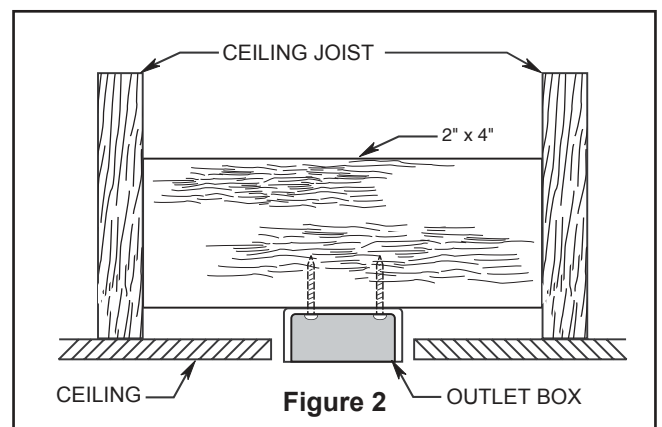


Figure 2

Electrical and Structural Requirements (Continued)

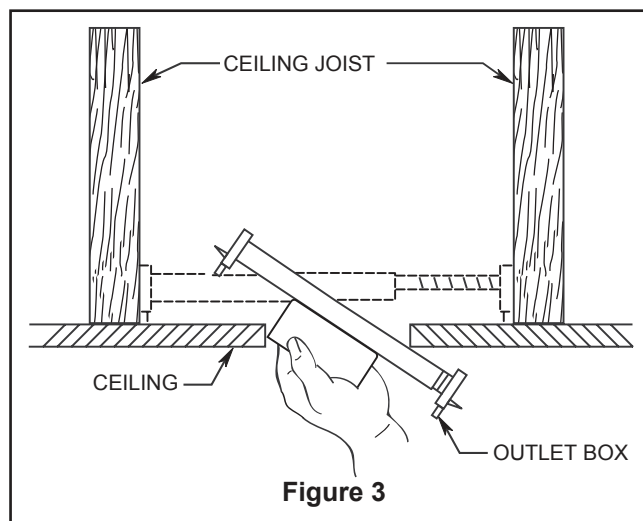
Deep box with brace (Figure 3)

Paired with a deep box, this hanger is meant to span between two joists and takes the place of wooden blocking.

⚠ WARNING

To reduce the risk of fire, electric shock, or personal injury, mount to outlet box marked acceptable for fan support of 15.9 kg (35 lbs) or less and use mounting screws provided with the outlet box. Most outlet boxes commonly used for the support of luminaires are not acceptable for fan support and may need to be replaced, consult a qualified electrician if in doubt.

If your fan is to replace an existing light fixture, turn electricity off at the main fuse box at this time and remove the existing light fixture.



⚠ WARNING

Turning off wall switch is not sufficient. To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring. All wiring must be in accordance with National and Local codes and the ceiling fan must be properly grounded as a precaution against possible electrical shock.

⚠ WARNING

To avoid fire or shock, follow all wiring instructions carefully. Any electrical work not described in these instructions should be done or approved by a licensed electrician.

⚠ WARNING

Do not operate this fan with a variable (Rheostat) wall controller or dimmer switch. Doing so could result in damage to the ceiling fan's remote control unit.

How to Hang and Wire Your Ceiling Fan

⚠ WARNING

To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before hanging and wiring. (Figure 1)

NOTE: If you are not sure if the outlet box is grounded, contact a licensed electrician for advice, as it must be grounded for safe operation.

⚠ WARNING

The fan must be hung with at least 7' of clearance from floor to blades. (Figure 2)

⚠ WARNING

It is critical that the outlet box and the screws are securely anchored to the building structure and capable of withstanding a load of at least 35 lbs. Failure to verify that the screws are properly installed could result in the fan falling.

CAUTION

Do not connect fan blades until the fan is completely installed. Hanging fan with blades connected may result in damage to the fan blades.

1. Securely attach the outlet box acceptable for ceiling fan support into the building structure. Outlet box is not supplied with the fan. (Figure 3)

2. Remove the three screws from the ceiling bracket assembly and retain for later. (Figure 4)

3. Using the 3/8" x 2" lag bolt and flat washer, attach safety cable to ceiling joist or wood structural member. The lag bolt will pass through the flat washer, safety cable loop, and into the building structure (Figure 5). You will first drill a 1/4" pilot hole into the building structure to prevent splitting or cracking.

4. The ceiling support cable need to pass through the center hole of ceiling bracket when mounting. Using the two #8-32 screws and washers securely attach the ceiling bracket to ceiling outlet box as shown. (Figure 5)

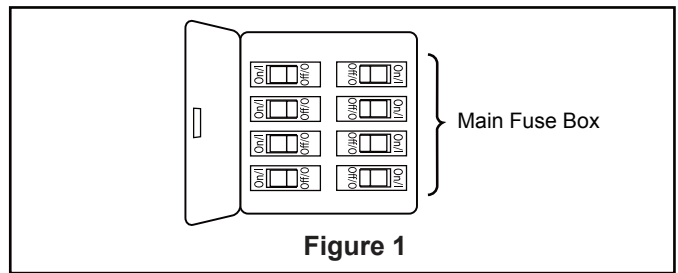


Figure 1

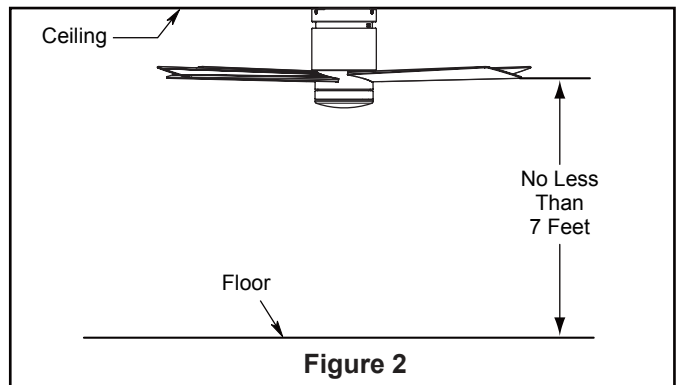
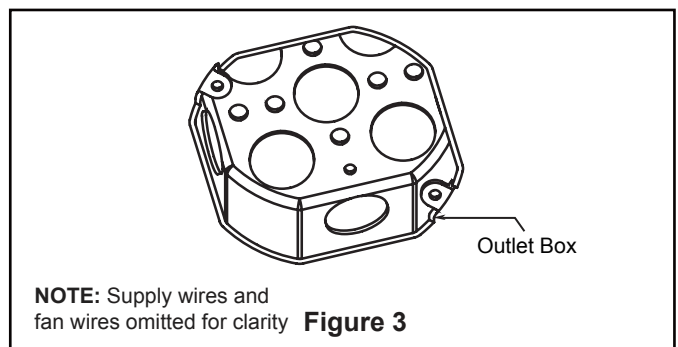
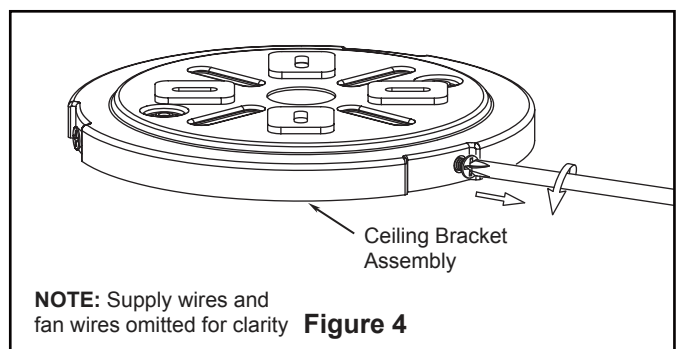


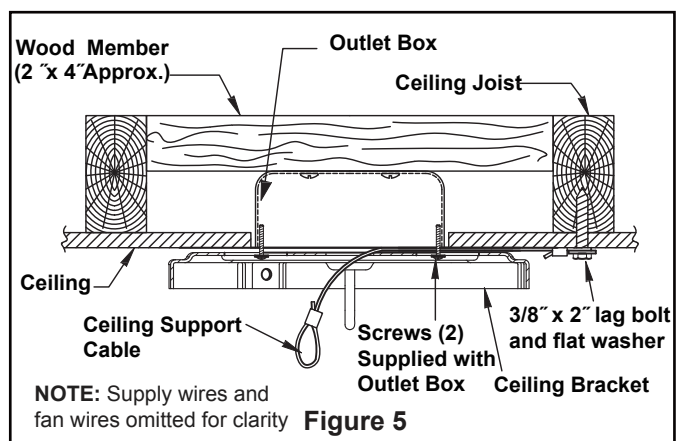
Figure 2



NOTE: Supply wires and fan wires omitted for clarity **Figure 3**



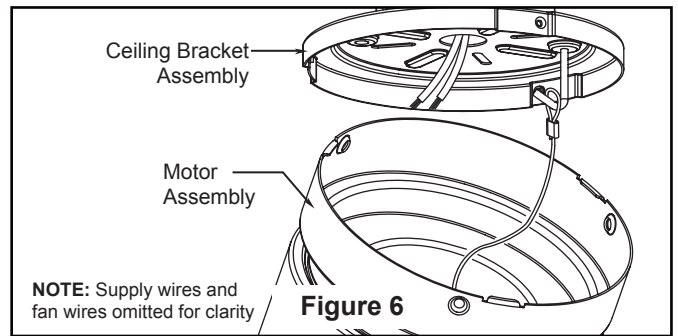
NOTE: Supply wires and fan wires omitted for clarity **Figure 4**



NOTE: Supply wires and fan wires omitted for clarity **Figure 5**

How to Hang and Wire Your Ceiling Fan (Continued)

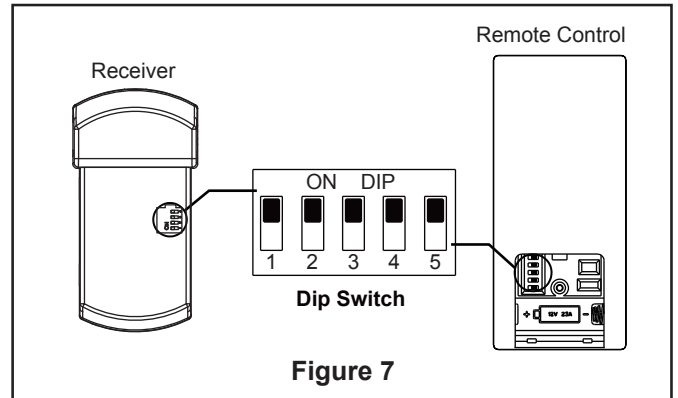
- 5. Hang the motor assembly from the ceiling bracket assembly using the hook on the ceiling bracket assembly and the cable loop from the motor assembly as shown. (Figure 6)
- 6. Make sure the electrical supply wires, including the ceiling bracket grounding wire and safety cable are pulled through the center hole of ceiling bracket, between the ceiling bracket and the motor assembly so that electrical connections can be made later.



NOTE: The remote unit has 32 different code combinations. To prevent possible interference from or to other remote units, simply change the combination code in the remote and receiver.

NOTE: Factory setting is all up. Do not use this position.

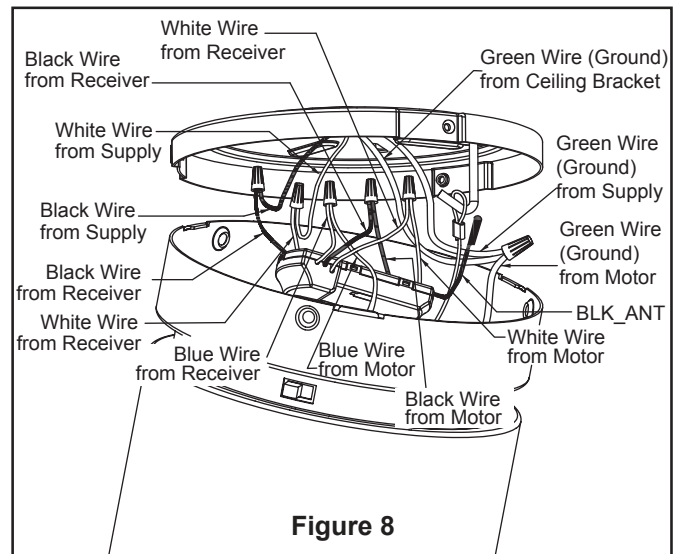
- 7. To set the code on receiver unit, slide dip switches to the same positions as set on the remote. (Figure 7)



CAUTION: INCORRECT WIRE CONNECTION WILL DAMAGE THIS RECEIVER.

NOTE: If you feel that you do not have enough electrical wiring knowledge or experience, have your fan installed by a licensed electrician.

- 8. Connect green wires from ceiling bracket, motor and ground from supply using wire connector. Connect black wire from receiver unit marked "AC IN L" to black supply wire using wire connector. Connect white wire from receiver unit marked "AC IN N" to white supply wire using wire connector. Connect white wire from receiver unit marked "TO MOTOR N" to white wire from fan using wire connector supplied with receiver unit. Connect black wire from receiver unit marked "TO MOTOR L" to black wire from fan using wire connector supplied with receiver unit. Lastly, connect blue wire from receiver unit to the blue fan light wire using wire connector supplied with receiver unit. (Figure 8)



HARDWARE USED:

Wire Connectors  x 6

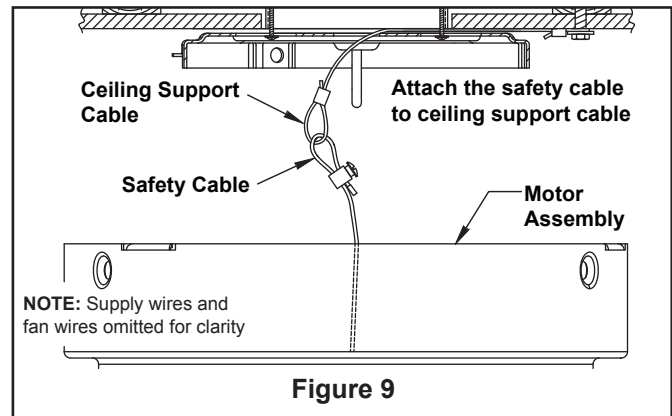
- 9. After splicing and making the wire connections, the wires should be spread apart and turned upward with the grounded conductor (white), the equipment-grounding conductor (green) on one side of the ceiling bracket and the ungrounded conductor (black and blue) on the other side of the ceiling bracket. (Figure 8)

WARNING

Check to see that all connections are tight, including ground, and that no bare wire is visible at the wire connectors except for the ground wire. Do not operate fan until the blades are in place. Noise and motor damage could result.

How to Hang and Wire Your Ceiling Fan (Continued)

10. Attach the safety cable to ceiling support cable. Slide cable clamp onto safety cable (from fan). Place the end of cable through the loop of ceiling support cable. Pull as much cable through loop as possible. Feed end of cable into clamp hole and firmly tighten screw (Figure 9). Cut off excess safety cable.



HARDWARE USED:

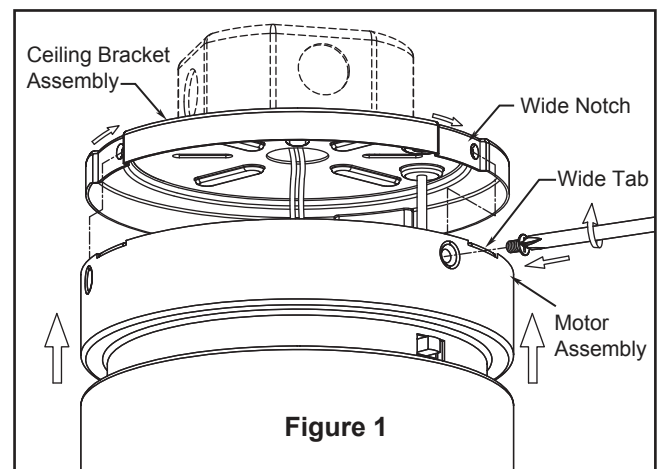
Ceiling Support
Cable Clamp
W/Screw



x 1

How to Assemble Your Ceiling Fan

1. Align the wide tab of motor assembly to the wide notch of ceiling bracket. Carefully secure the motor housing onto the mounting slots on ceiling bracket by twisting in a clockwise direction. Be sure the receiver and all wiring are tucked into the motor housing and is not pinched. Once the motor assembly is flush with your ceiling, replace the previously removed screws and securely tighten all three screws. (Figure 1)



How to Assemble Your Ceiling Fan Blades

1. Slide blades through slots in motor housing and attach to the motor hub using the 3/16"-24 truss head screw with spring washer/flat washer. Make sure the screws securing the blades to the motor hub are tight and are properly seated. (Figure 1)

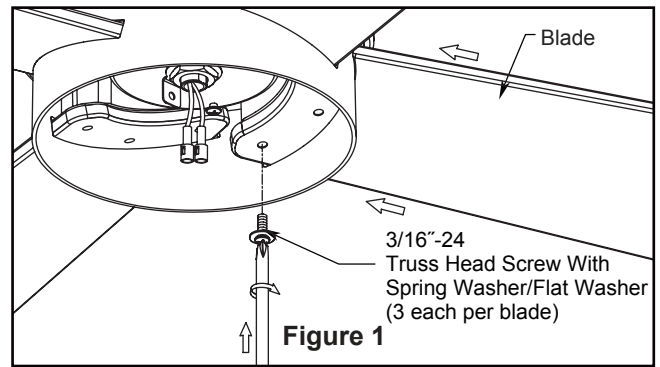
NOTE: Periodically check blade hardware and resecure if necessary.

CAUTION

Do not connect fan blades until the fan is completely installed. Installing the fan with blades assembled may result in damage to the fan blades.

WARNING

To reduce the risk of personal injury, do not bend the blades when installing, balancing or cleaning the fan. Do not insert foreign objects in between the rotating blades.



HARDWARE USED:

3/16"-24
Truss Head Screw
With Spring Washer/
Flat Washer X 12

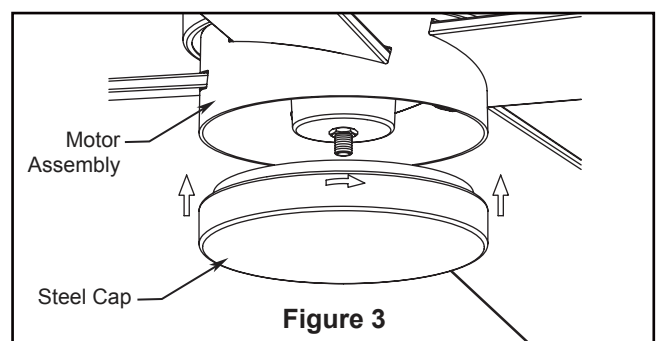
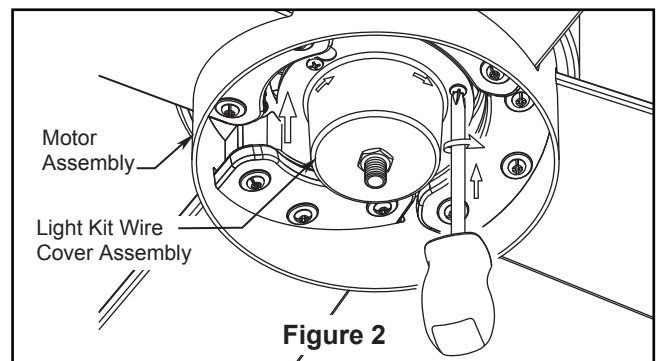
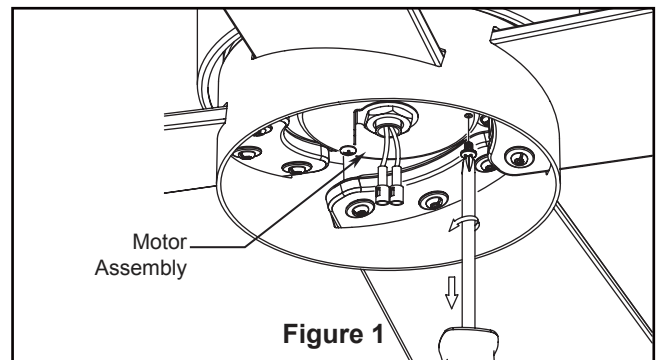
How to Assemble Your Light Kit or Cap

1. Remove one of the three screws in the support bracket at the bottom of the motor assembly. Retain the screw for later and slightly loosen the remaining two screws. (Figure 1)

Option A--for use with steel cap

NOTE: If installing the light kit, please skip to Step 4.

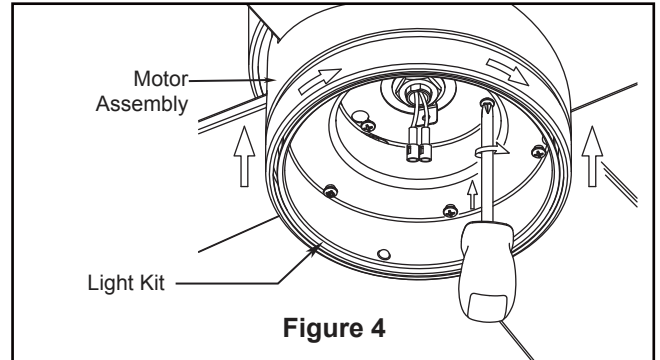
2. Assemble the light kit wire cover to the motor assembly using the two key slots. Replace the removed screw and secure all three screws. (Figure 2)
3. Assemble the steel cap to the motor assembly by twisting in a clockwise direction. (Figure 3)



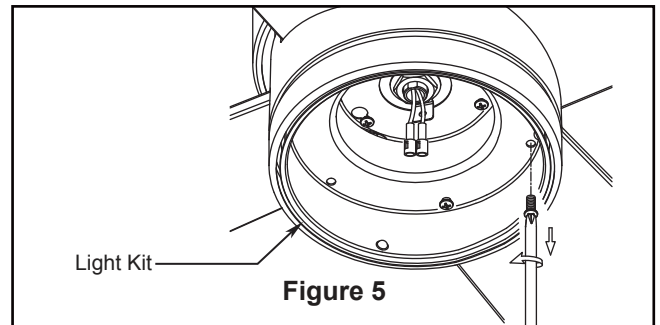
How to Assemble Your Light Kit or Cap (Continued)

Option B--for use with light kit

4. Assemble the light kit to the support bracket using the two key slots in the light kit. Replace the previously removed screw and securely tighten all three screws. (Figure 4)



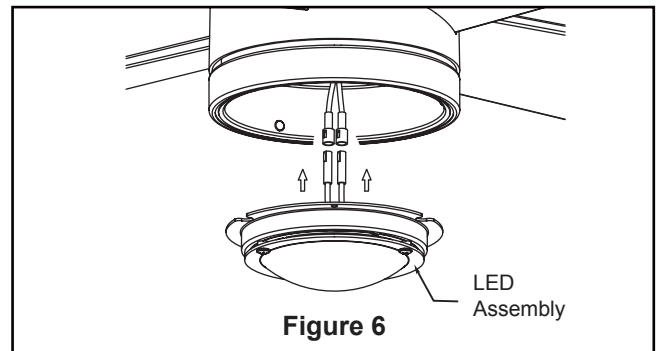
5. Remove the three screws in the light kit and retain the screws for later. (Figure 5)



6. Connect the 2 single pin connectors from the LED assembly to the 2 single pin connectors from motor assembly. (Figure 6)

CAUTION

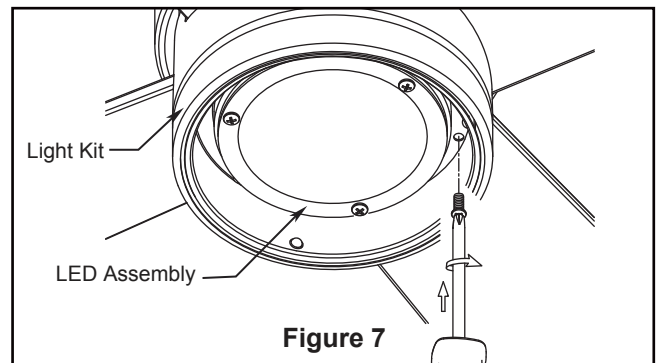
To reduce the risk of electric shock, disconnect the electrical supply circuit to the fan before installing your light kit.



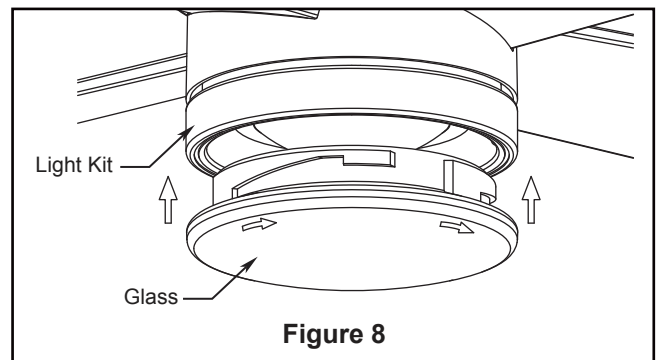
7. Assemble the LED assembly to the light kit using the previously removed screws and secure all three screws. (Figure 7)

CAUTION

The light source is designed for this specific application and can overheat if serviced by untrained personnel. If any servicing is required, the product should be returned to an authorized service facility for examination or repair.

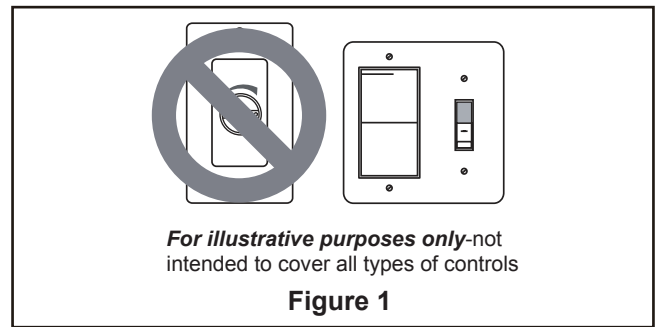


8. Secure the glass to light kit by twisting in a clockwise direction. Twist the glass gradually **until it snaps onto the light kit**. Do not over-tighten. (Figure 8)



How to Operate Your Ceiling Fan

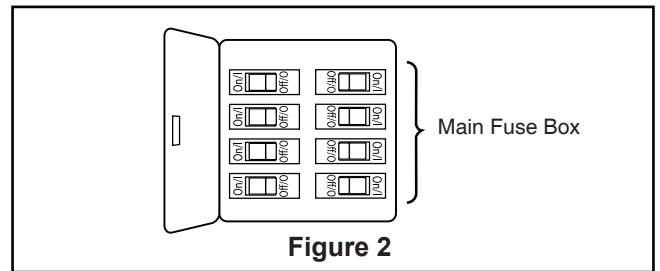
- 1. IMPORTANT:** Using a full range dimmer switch (not included) to control fan speed will damage the fan. To reduce the risk of fire or electrical shock, do not use a full range dimmer switch to control the fan speed. (Figure 1)



- 2.** Restore electrical power to the outlet box by turning the electricity on at the main fuse box. (Figure 2)

⚠ WARNING

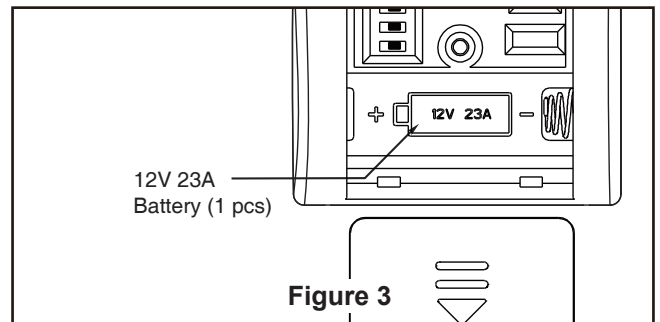
Check to see that all connections are tight, including ground, and that no bare wire is visible at the wire connectors, except for the ground wire. Do not operate fan until the blades are in place. Noise and fan damage could result.



⚠ WARNING

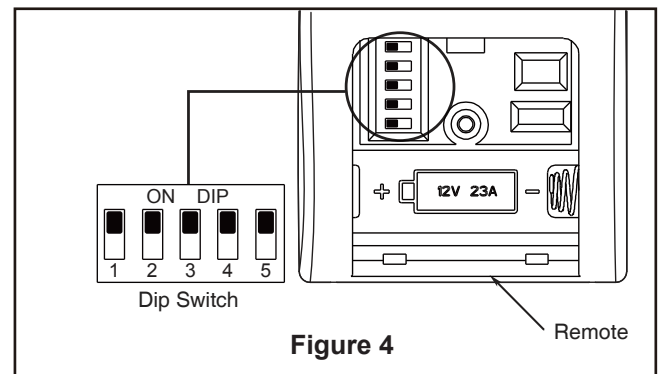
Do not operate this fan with a variable (Rheostat) wall controller or dimmer switch. Doing so could result in damage to the ceiling fan's remote control unit.

- 3.** To make fan operational, install 23A/12V battery (included) in hand-held remote transmitter, with fan power off. Then follow the remote code setting process. (If not used for long periods of time, remove battery to prevent damage to transmitter). Store the remote away from excessive heat or humidity. (Figure 3)



NOTE: The remote unit has 32 different code combinations. To prevent possible interference from or to other remote units, simply change the combination code in the remote and receiver.








- 4.** To set the remote code in the same positions as the receiver, use a small screwdriver or ball point pen (neither included) to slide dip switches firmly up or down. (Figure 4)



NOTE: Factory setting is all up. Do not use this position.

How to Operate Your Ceiling Fan (Continued)

5. Remote functions: (Figure 5)

- • • • Indicator LED light: fan speed
-  button: Turns fan off.
- Fan Speed:
 - △ Turns fan on and turns speed up.
 - ▽ Turns fan on and turns speed down.
-  Light button: Turn ON\OFF the light.
-  Press to turn on the light and hold to dim or brighten light to desired level, then release.
-  Press this button to switch color temperature when the light is on.
- Sleep Timer:
 -  Tap and the fan and light will turn off after 1 hour.
 -  Tap and the fan and light will turn off after 3 hours.
 -  Tap and the fan and light will turn off after 6 hours.

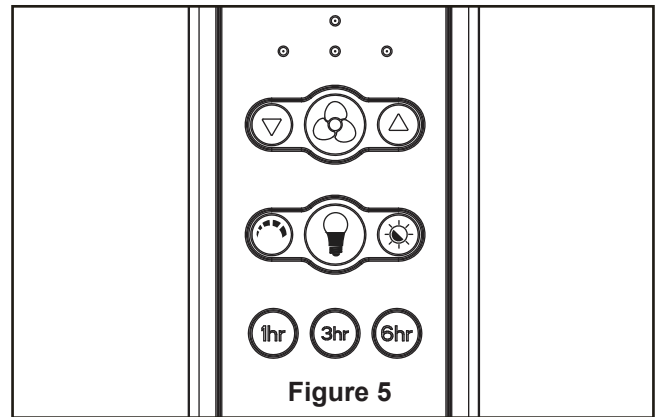


Figure 5

- ### 6. If airflow is desired in the opposite direction, turn the fan off and wait for the blades to stop turning. Then slide the reverse switch on top of motor assembly to the opposite position and turn fan on again. (Figure 6)

Reverse Switch Information		
Season	Rotation Direction	Switch Position
Summer	Counterclockwise	Left
Winter	Clockwise	Right

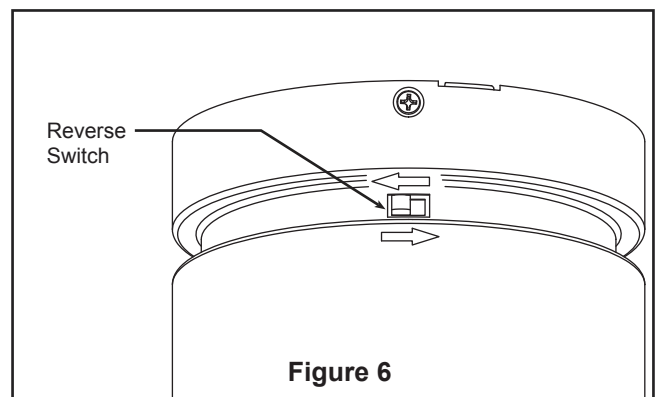


Figure 6

How to Install Your Remote Control

- ### 1. Installing Wall Holder: (Figure 1)
- Attach wall holder using the two provided screws.

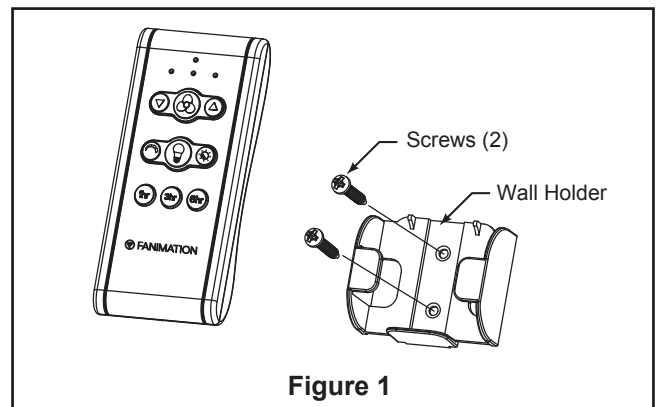


Figure 1

Maintenance

Periodic cleaning of your new ceiling fan is the only maintenance necessary.
 When cleaning, use only a soft brush or lint free cloth to avoid scratching the finish.
 Abrasive cleaning agents are not required and should be avoided to prevent damage to finish.

CAUTION

Do not use solvents when cleaning your ceiling fan. It could damage the motor or the blades and create the possibility of electrical shock.

How to Clean Your Ceiling Fan Blades

Periodic light dusting of the blades is recommended. A feather duster will work best.

Avoid using water, cleansers, or harsh rags, which can warp and ruin the blades.

Troubleshooting

⚠ WARNING

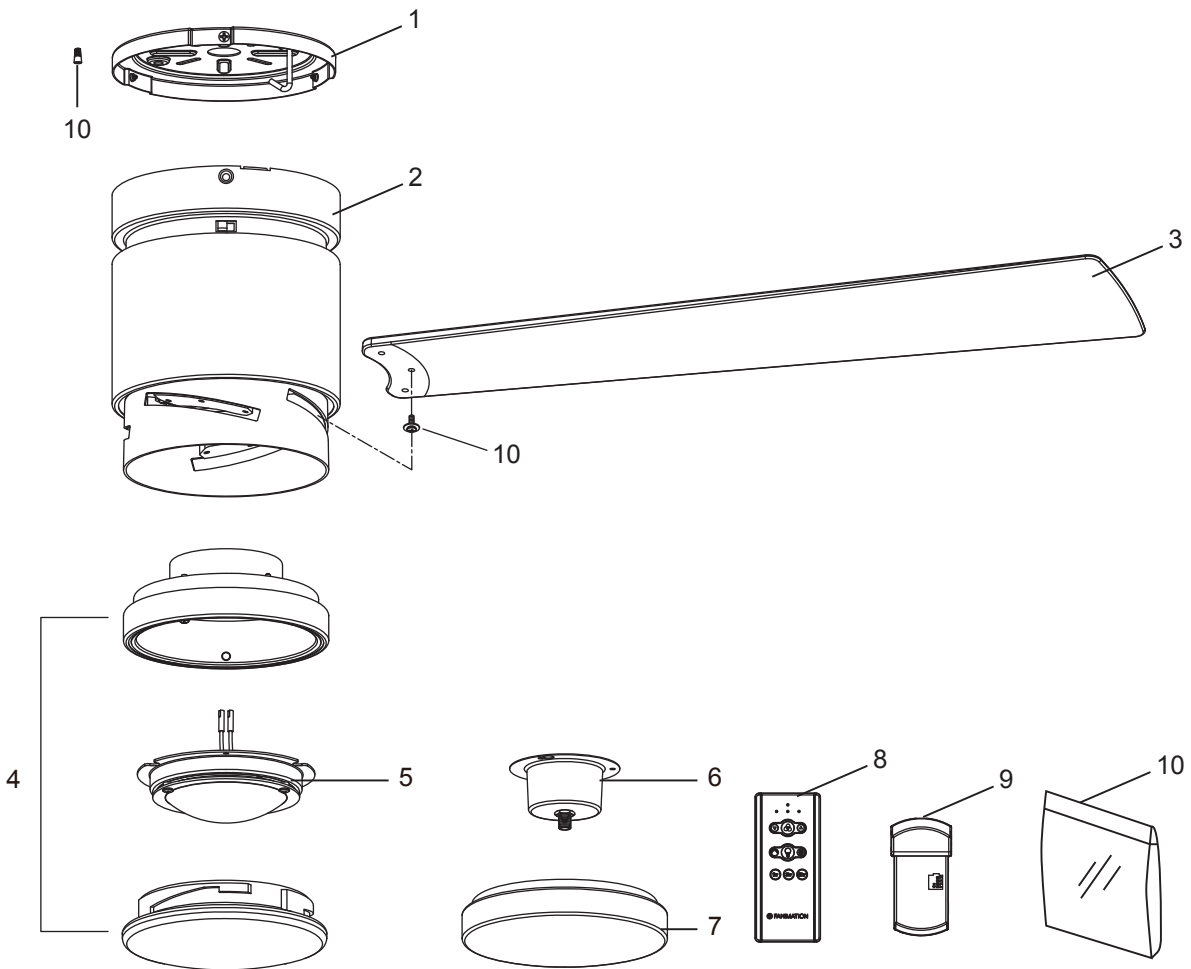
For your own safety turn off power at fuse box or circuit breaker before trouble shooting your fan.

Trouble	Probable Cause	Suggested Remedy
1. FAN WILL NOT START	<ol style="list-style-type: none"> 1. Fuse or circuit breaker blown. 2. Loose power line connections to the fan, or loose switch wire connections in the switch housing. 3. Dead battery in remote control. 4. Reverse switch in neutral position. 	<ol style="list-style-type: none"> 1. Check main and branch circuit fuses or circuit breakers. 2. Check line wire connections to fan and switch wire connections in the switch housings. <p>CAUTION: Make sure main power is turned off !</p> <ol style="list-style-type: none"> 3. Replace with new battery. 4. Make sure reverse switch position is all the way to one side.
2. FAN SOUNDS NOISY	<ol style="list-style-type: none"> 1. Blades not attached to fan. 2. Loose screws in motor housing. 3. Wire connectors inside housing rattling. 4. Motor noise caused by solid state variable speed control. 	<ol style="list-style-type: none"> 1. Attach blades to fan before operating. 2. Check to make sure all screws in motor housing are snug (not over-tight). 3. Check to make sure wire connectors in switch housing are not rattling against each other or against the interior wall of the switch housing. <p>CAUTION: Make sure main power is turned off !</p> <ol style="list-style-type: none"> 4. Some fan motors are sensitive to signals from solid-state variable speed controls. Solid-state controls are not recommended, choose an alternative control method.
3. FAN WOBBLERS EXCESSIVELY	<ol style="list-style-type: none"> 1. Screws securing fan blade to motor hub are loose. 2. Ceiling bracket and/or ceiling outlet box is not securely fastened. 	<ol style="list-style-type: none"> 1. Check to be sure screws which attach the fan blade to the flywheel are tight. 2. Tighten the ceiling bracket screws to the outlet box, and secure outlet box.

Parts List

Ref. #	Description
1	Ceiling Bracket Assembly
2	Motor Assembly
3	Blade Set
4	Light Kit/Glass Assembly
5	LED Assembly
6	Light Kit Wire Cover Assembly
7	Steel Cap Assembly
8	Hand-held Remote
9	Receiver
10	Hardware Bag Containing:
	Wire Connector (4)
	Safety Cable Kit
	Blade Mounting Hardware Bag Containing:
	3/16"-24 Truss Head Screw With Spring Washer/Flat Washer (13)

Exploded-View Illustration



NOTE: The illustration shown is not to scale or its actual configuration may vary.
Product/parts are subject to change without notice.