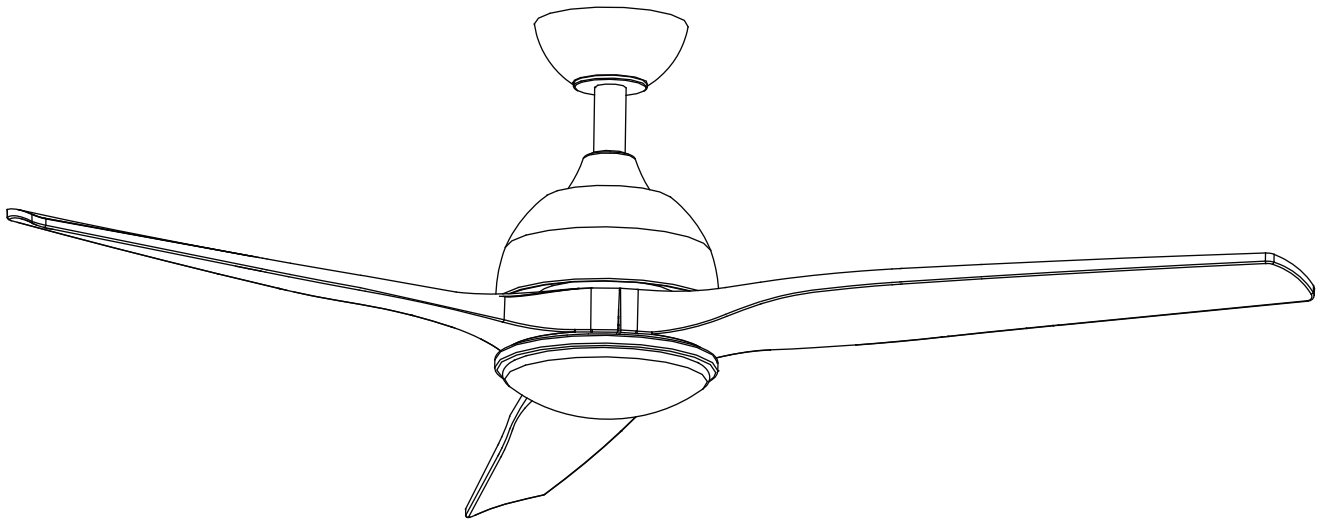


CEILING FANS

INSTALLATION INSTRUCTION



IN-0714-3-BK

READ AND SAVE THESE INSTRUCTIONS

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Safety Information

READ AND SAVE THESE INSTRUCTIONS.

1. To reduce the risk of electric shock, ensure electricity has been turned off at the circuit breaker or fuse box before you begin.
2. All wiring must be in accordance with the National Electrical Code "ANSI/NFPA 70" and local electrical codes. Electrical installation should be performed by a qualified licensed electrician.
3. The outlet box and support structure must be securely mounted and capable of reliably supporting a minimum of 35 lbs (15.9 kg). Use only UL Listed outlet boxes marked "Acceptable for Fan Support of 35 lbs. (15.9 kg) or less.
4. Do not place objects in the path of the blades.
5. 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.
6. After making electrical connections, spliced conductors should be turned upward and pushed carefully up into the outlet box. The wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and ungrounded conductor on the other side of the outlet box.
7. All setscrews must be checked and retightened where necessary before installation.

 **WARNING:** To reduce the risk of electrical shock or fire, not use this fan with any solid-state fan speed control device. It will permanently damage the electronic circuitry.

 **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.

 **WARNING:** To reduce the risk of fire, electric shock or personal injury, mount to outlet box marked " acceptable for fan support of 35 lbs. (15.9Kg)or less" and use screws provided with the outlet box.

 **WARNING:** To avoid possible electrical shock, turn the electricity off at the main fuse box before wiring.

 **CAUTION:** To reduce the risk of personal injury, use only the screws provided with the outlet box.

 **CAUTION:** To avoid personal injury or damage to the fan "and other items, use caution when working around or cleaning the fan.

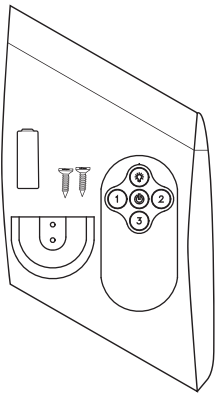
 **CAUTION:** The fan must be mounted with a minimum of 7 ft (2.1 m) clearance from the trailing edge of the blades to the floor.

 **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 electrical shock, this must be installed with an Isolating wall control/switch.

Pre-Installation

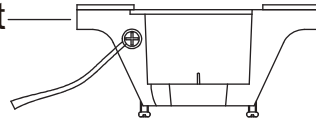
Package Contents



Remote Control Transmitter
(included batteries)

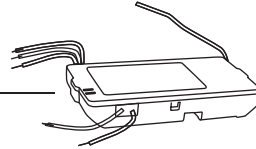
Blades X 3 pcs

Hanging Bracket

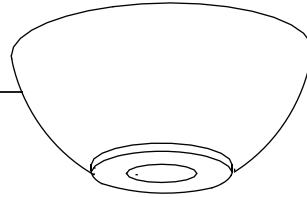


Wiring beans
X 5 pcs

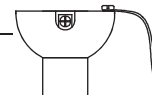
Remote Control Receiver



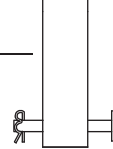
Canopy



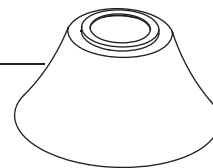
Hanging Ball



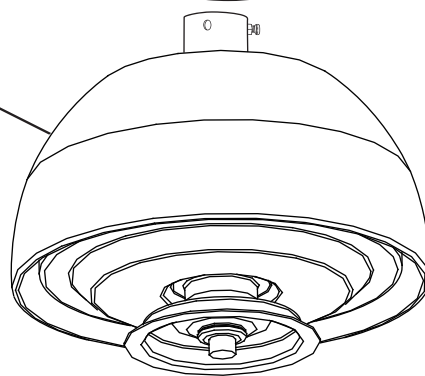
Downrod



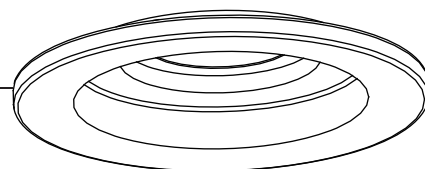
Cover



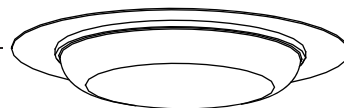
Motor Assembly



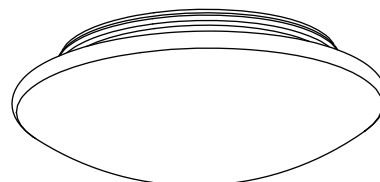
Fitter Plate



Bulbs



Shade



1

Blade Screws
X 10 pcs
Paper Washers X 10pcs

2

Wood Screws X 2pcs
Machine Screws X 2pcs
Hex Nut X 4pcs

3

Wiring beans X 3pcs
1/4(-20) Screws X 1pcs

Hardware Packs(3 pack)

Initial Installation

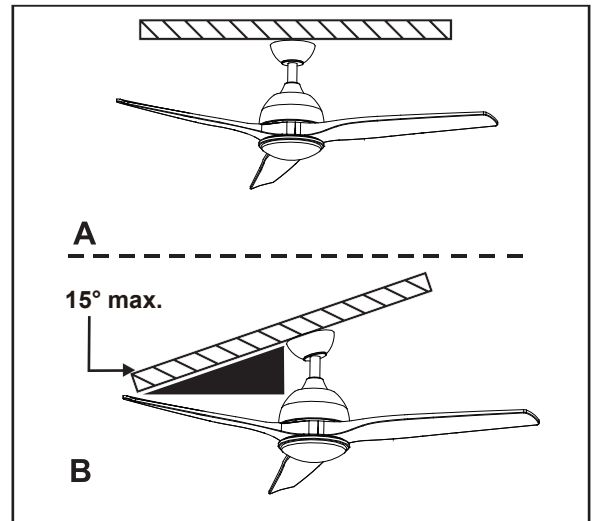
Determine mounting method to use.

- A. Standard mount
- B. Angle mount

IMPORTANT: If using the angle mount, ensure the ceiling angle is not steeper than 15°.

NOTE: Closemount option is not available for this fan.

***Helpful Hint:** Downrod-style mounting is best suited for ceilings 8 ft. high or higher. For taller ceilings you may want to use a longer downrod (not included). Angle-style mounting is best suited for angled or vaulted ceilings. A longer downrod is sometimes necessary to ensure proper blade clearance.



Hanging Bracket Installation

Turn off circuit breakers to current fixture from breaker panel and be sure operating light switch is turned to the OFF position.

WARNING: Failure to disconnect power supply prior to installation may result in serious injury.

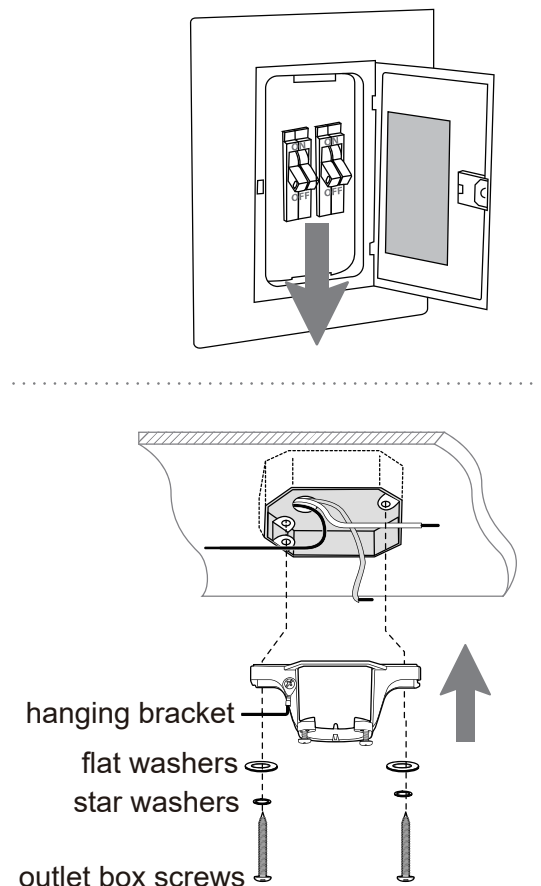
Remove existing fixture.

WARNING: When using an existing outlet box, be sure the outlet box is securely attached to the building "structure" and can support the full weight of the fan. Ensure outlet box is clearly marked "Suitable for Fan Support." If not, it must be replaced with an approved outlet box. Failure to do so can result in serious injury.

CAUTION: Be sure outlet box is grounded properly and that a ground wire (GREEN or bare) is present.

Install hanging bracket to outlet box using outlet box screws provided (or original outlet box screws). star washers and flat washers provided with new or original outlet box.* If installing on a vaulted ceiling, face opening of hanging bracket towards high point of ceiling. Arrange electrical wiring around the back of the hanging bracket and away from the bracket opening.

***Note:** It is very important that you use the proper hardware when installing the hanging bracket as this will support the fan.

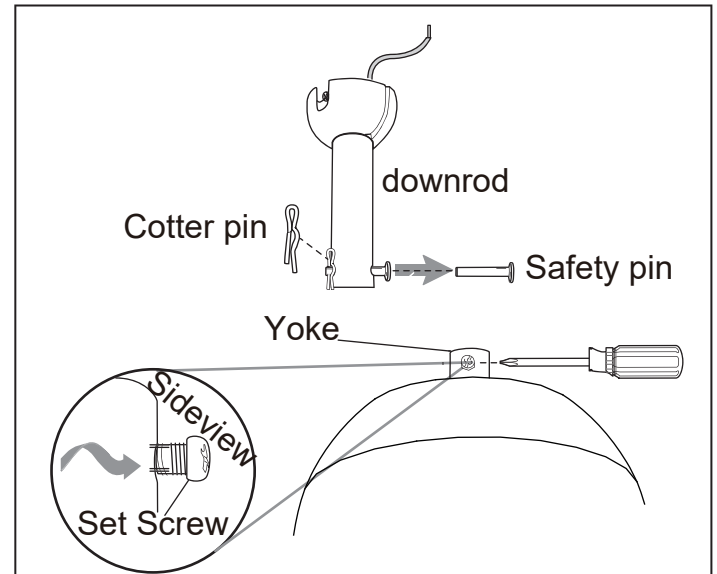


Fan Assembly

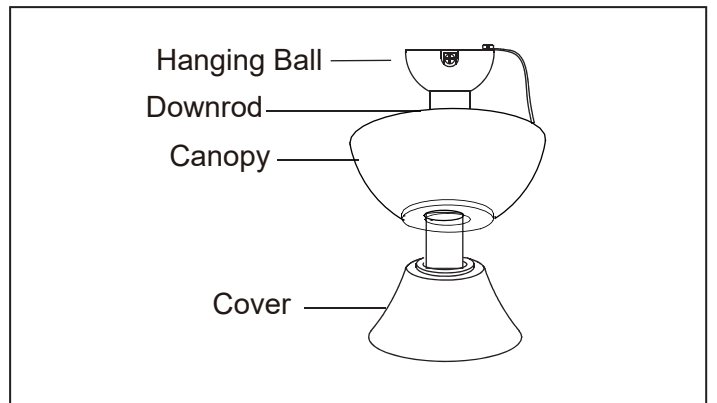
ATTACH THE SUPPORT ASSEMBLY

Remove Safety pin and Cotter pin from downrod .

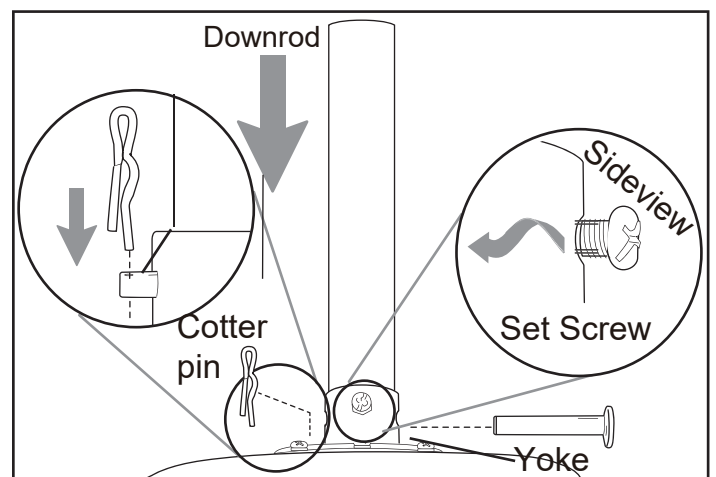
Partially loosen preassembled set screws in yoke at top of motor assembly.



Insert downrod through canopy and cover. Then, thread wires from motor assembly through downrod .



Slip downrod into motor assembly yoke, align holes and Safety pin and cotter pin. Tighten set screws in motor assembly yoke on the set screws. Then until it rests on top of motor assembly.

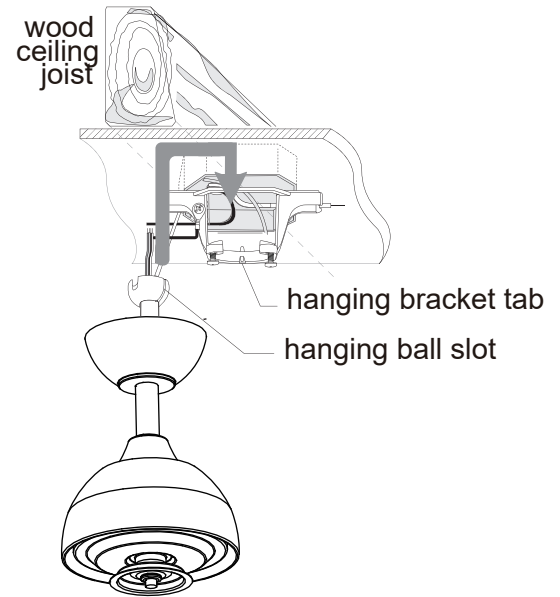


With the hanging bracket secured to the outlet box and able to support the fan, you are now ready to hang your fan. Grab the fan firmly with two hands. Slide downrod through opening in hanging bracket and let hanging ball rest on the hanging bracket. Turn the hanging ball slot until it lines up with the hanging bracket tab.

Fan Assembly (cont.)

WARNING: Failure to align slot in hanging ball with tab in hanging bracket may result in serious injury or death.

Tip: Seek the help of another person to hold the stepladder in place and to help lift the fan up to you once you are set on the ladder. Find a secure attachment point (wood ceiling joist highly recommended) and secure safety cable. It will be necessary to use a heavy duty wood screw, washer and lock washer (not supplied) with the safety cable loop. If necessary, adjust the loop at the end of the safety cable. The loop at the end of the safety cable should just fit over the threads on the wood screw. Test safety cable by pulling on loose end of safety cable with pliers. If the safe slips, the loop must be adjusted smaller. Extra cable slack can be left in ceiling area.



Warning

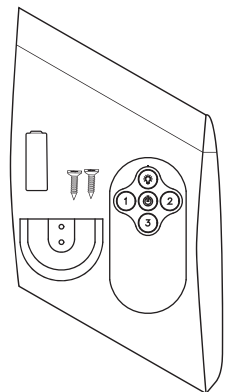
! WARNING: To reduce the risk of fire, electrical shock or personal injury, wire connectors provided with this fan are designed to accept only one 12-gauge house wire and two lead wires from the fan. If your house wire is larger than 12-gauge or there is more than one house wire to connect to the corresponding fan lead wires, consult an electrician for the proper size wire connectors to use.

! CAUTION: Be sure outlet box is properly grounded and that a ground (green or bare) wire is present.

! WARNING: If house wires are different colors than referred to in the following steps, stop immediately. A professional electrician is recommended to determine wiring.

! WARNING: Using a full range dimmer switch (not included) to control fan speed will cause a loud humming noise from fan. To reduce the risk of fire or electrical shock, do NOT use a full range dimmer switch to control fan speed.

IMPORTANT: Make the necessary wiring connections for remote control operation as detailed on next page. For each wire connection, use one of the wire connectors from the remote pack, making sure to screw wire connector on in a clockwise direction.



Wiring

1. Connect all GROUND (GREEN) wires from fan (on downrod , if applicable, mounting bracket) to BARE/GREEN supply wire from ceiling.

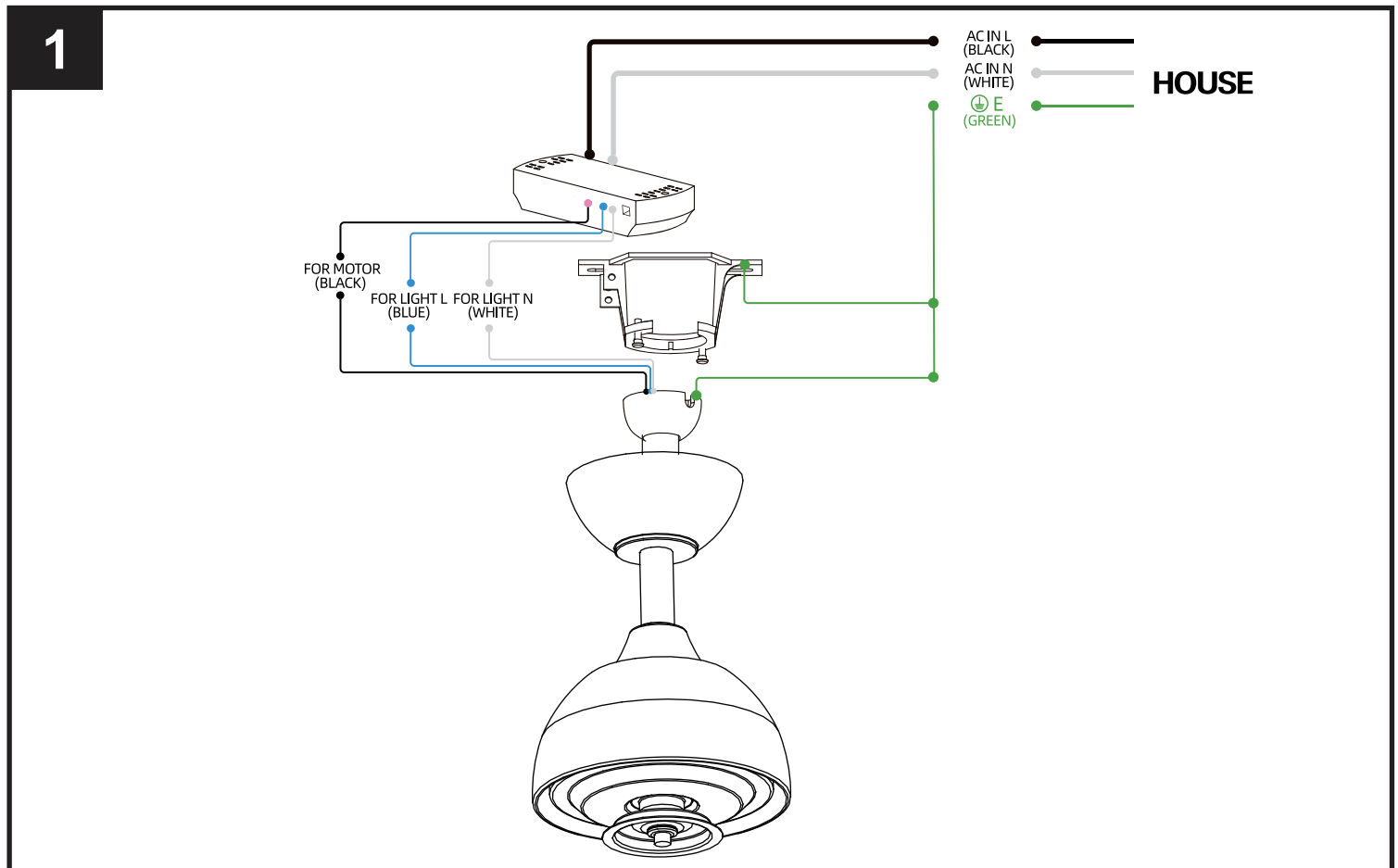
Connect BLACK wire (labeled AC IN L) from remote control receiver to BLACK supply wire from ceiling.

Connect WHITE wire (labeled AC IN N) from remote control receiver to WHITE supply wire from ceiling.

Connect WHITE wire (labeled TO MOTOR N) from remote control receiver (R) to WHITE wire from motor housing.

Connect BLACK wire (labeled TO MOTOR L) from remote control receiver (R) to BLACK wire from motor housing .

Connect BLUE wire (labeled FOR LIGHT L) from remote control receiver to BLUE wire from motor assembly.



Wiring (cont.)

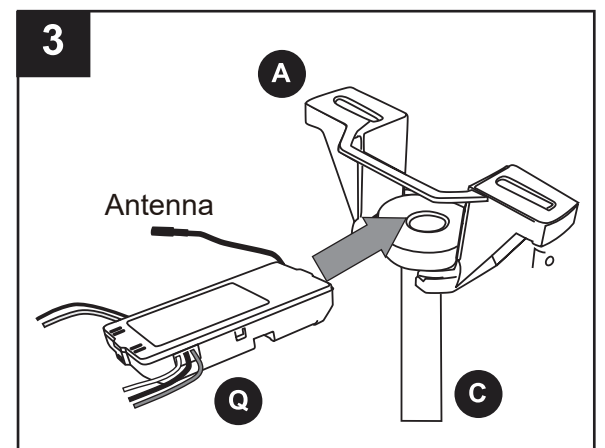
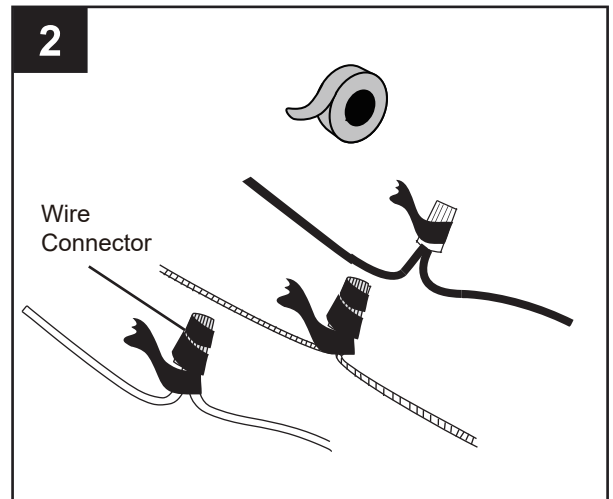
2. Wrap electrical tape (not included) around each individual wire connector down to the wire.

⚠ WARNING: Make sure no bare wire or wirestrands are visible after making connections. Place GREEN and WHITE connections on opposite side of the outlet box from the BLACK and BLUE (if applicable) connections.

3. Gently slide remote control receiver flat-side up into mounting bracket. Turn spliced/taped wires upward and gently push wires and wire connectors into outlet box. Let antenna from remote control receiver hang to the side.

NOTE: The remote control included with this fan meets the following requirements:

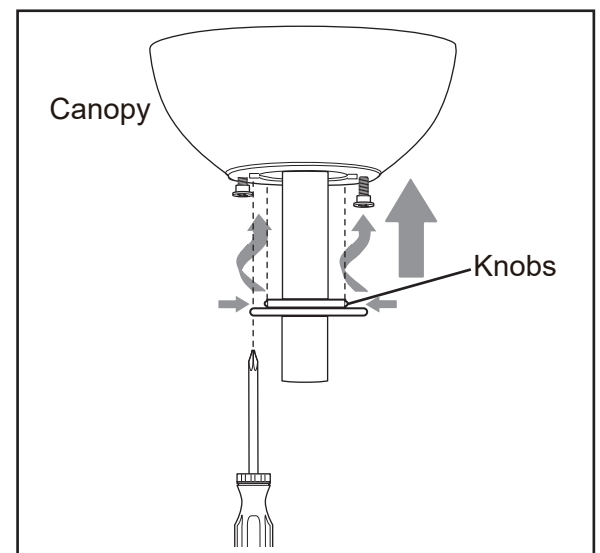
- a. Not for use with solid state fans.
- b. Electrical rating: 120V / 60 Hz; motor max:150 W.



Final Installation

Locate two canopy mounting screws on underside of mounting bracket and remove canopy mounting screw closest to the open end of the mounting bracket. Partially loosen the other canopy mounting screw. Lift canopy to mounting bracket. Place rounded part of slotted hole in canopy over loosened canopy mounting screw and push up. Twist canopy to lock. Re-insert canopy mounting screw that was removed, then tighten both canopy mounting screws.

Use arrows on inside of canopy cover to locate knobs on center ring of canopy cover. Slide canopy cover up to canopy, aligning knobs on canopy cover with openings in bottom of canopy. Press up firmly on the canopy cover until it fits into the bottom of the canopy. Twist canopy cover to lock.

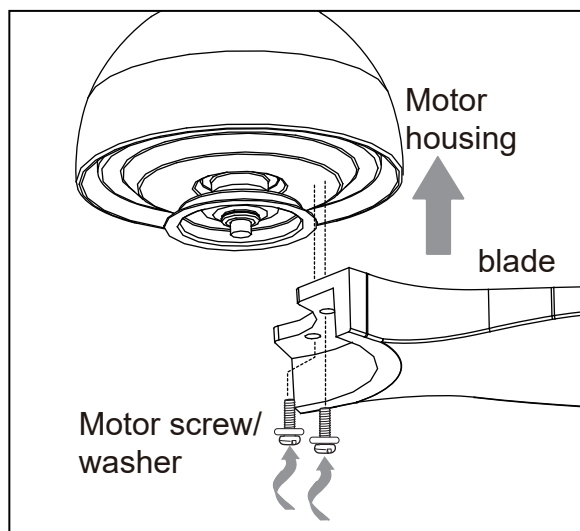


Final Installation(cont.)

Place one blade plate under blade , aligning holes. Then, insert one motor screw/washer into one of the holes at the end of the blade,turning until the motor screw comes through the other side of the blade. Repeat with the other motor screw/washer.

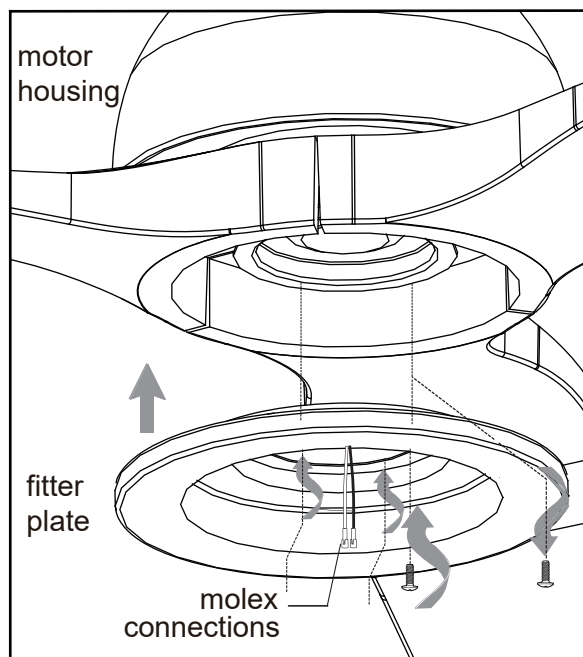
Align the protruding ends of the motor screws/washers with the corresponding holes on the underside of the motor housing. Tighten both motor screws/ washers.

Repeat Step 2 for the other two blades .



Light Kit Assembly

Remove 1 screw from motor plate on underside of motor housing and partially loosen the other 2 screws. Align slotted holes in center of fitter plate with loosened screws in motor plate, allowing molex connections from motor housing to come through hole in middle of fitter plate. Twist fitter plate to lock. Re-insert screw that was just removed and securely tighten all 3 screws with a Phillips screwdriver.

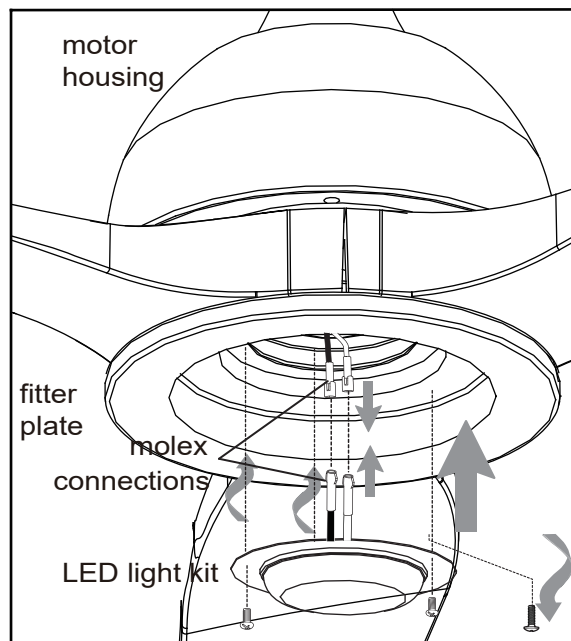


Light Kit Assembly(cont.)

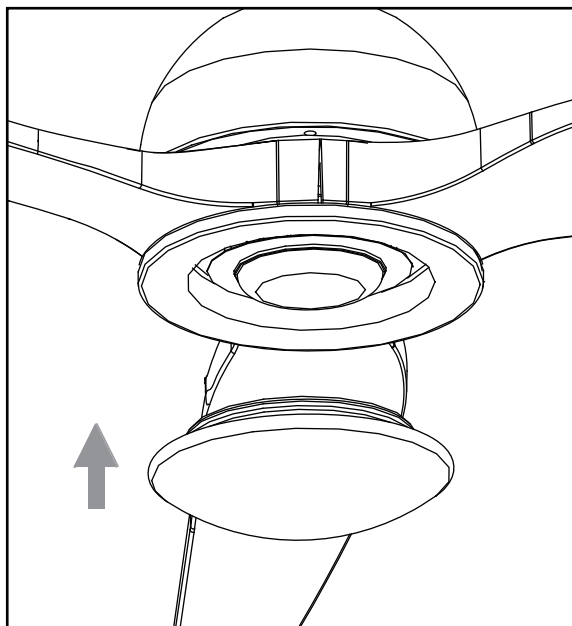
Remove 1 screw from underside of fitter plate and partially loosen the other 2 screws.

Connect WHITE wire from motor housing to WHITE wire from LED light kit. Connect BLUE (or BLACK) wire from motor housing to BLUE wire from LED light kit. Be sure moxex connections snap together securely.

Carefully arrange wiring within fitter plate. Align slotted holes in LED light kit with loosened screws in fitter plate. Twist LED light kit to lock. Re-insert screw that was previously removed and tighten all 3 screws securely.

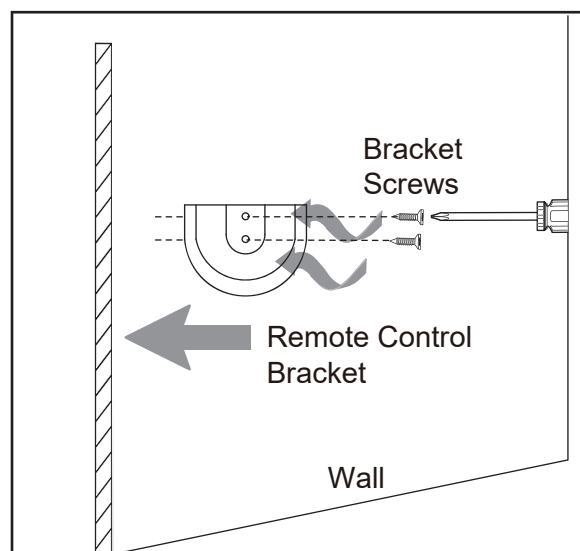


Align grooves on shade with nodules on inside of fitter plate and push up gently on shade. Twist shade to the RIGHT (clockwise) until shade locks into place. Pull down VERY GENTLY on shade to make sure that shade is secure.



Remote Control Bracket Installation

If you wish to use the remote control bracket from remote pack on a wood surface, install bracket screws from remote pack through bracket and into the desired installation site.



Operating Instructions

⚠ CAUTION: "DO NOT DISPOSE OF BATTERIES IN FIRE, BATTERIES MAY EXPLODE OR LEAK."
- When disposing of household alkaline batteries, it is best to check with your local and state recycling or household hazardous waste coordinators concerning the specifics of the program in your area. You may also locate a recycling center by calling 1-800-8-BATTERY or 1-877-2-RECYCLE or visit www.epa.gov/epawaste/index.htm or www.earth911.org for more information.

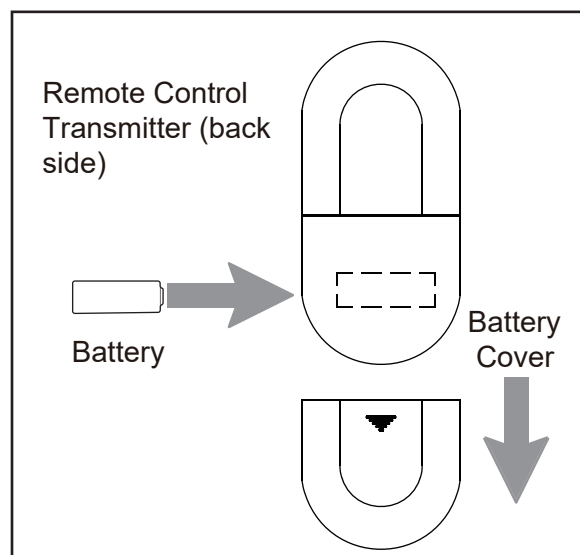
IMPORTANT: To prevent damage to remote control transmitter, remove the battery if not used for long periods. Store the remote control transmitter away from excess heat or humidity.

1. Remove the back of remote control transmitter in remote pack to remove battery cover. Install one batteries (included).

Replace battery cover on remote control transmitter with screw just removed.

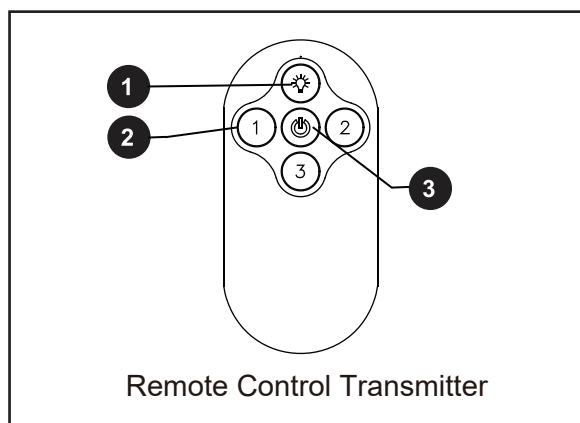
⚠ WARNING: Choking Hazard-Small parts.
Keep battery away from children.

NOTE: Battery is NOT rechargeable. Remove battery with low or no charge and dispose of properly.



2. Operation buttons on the panel of the remote control transmitter:

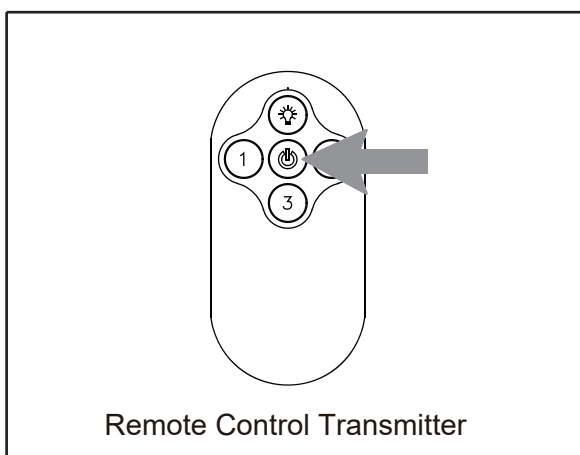
- 1 - Tap button quickly to turn lights off or on. Hold button down to increase or decrease lights. If you press button in excess of 0.7 seconds, it becomes a dimmer. The lights vary cyclically in 8 seconds. The light button has an auto resume function, which keeps the light at the same brightness as the last time it was turned off.
- 2 - Fan speeds: 1 (lowest) to 3 (highest) .
- 3 - To turn fan OFF.



3. Restore electrical power.

IMPORTANT: To prevent damage to remote control transmitter, remove the batteries if not used for long periods. Store the remote control transmitter away from excess heat or humidity.

NOTE: If fan and/or remote control fail(s) to operate or you have purchased a new remote control transmitter, make sure to turn the power off first. Restore electrical power. Within 30 seconds of restoring electrical power, press and hold the ON/OFF button (⏻) on the remote control transmitter for 5 seconds or until fan beeps. Use the remote control transmitter to test the light and fan functions to confirm the learning process is complete.



1. Fan will not start:

1. Check circuit fuses or breakers.
2. Check all electrical connections to ensure proper electrical connection. **CAUTION:** Make sure the main power is OFF when checking any electrical connection.

2. Fan sounds noisy:

1. Make sure all motor housing screws are snug.
2. Make sure the screws that attach the fan blade brackets to the motor 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 disappears during this time.
5. If using an optional light kit, make sure the screws securing the PMMA shade are tight. Make sure the light puck is not touching any other component.

3. Fan wobble:

1. Check that all blade and blade arm screws are secure.
2. Most fan wobbling problems are caused by blade levels unequal. Check this level by selecting a point on the ceiling above the tip of one of the blades.
3. Measure this distance. Rotate the fan until the next blade is positioned for measurement. Repeat for each blade. This distance deviation should be equal within 1/8".

4. Fan operates but light fails.

1. Wires in canopy not wired properly. Check wires in canopy and, if necessary, re-wire according to instructions on pages 6.
2. Wall switch to fan is off. Make sure wall switch to fan is on.
3. Wires from LED light kit not wired correctly. Check wires from LED light kit and, if necessary.