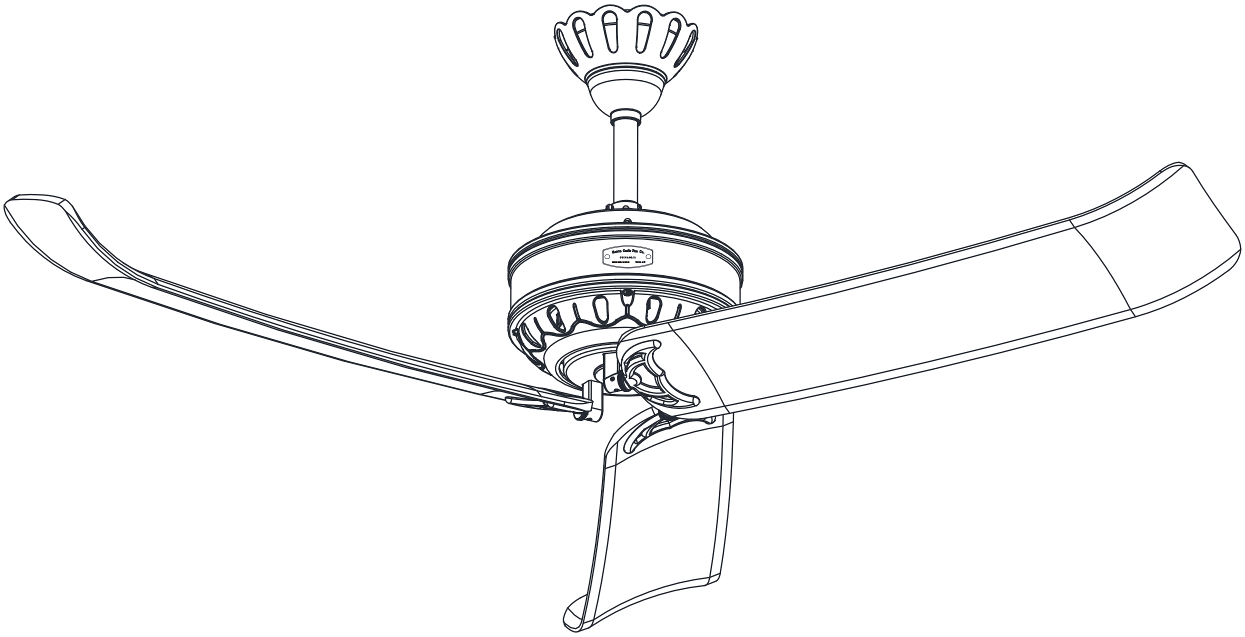
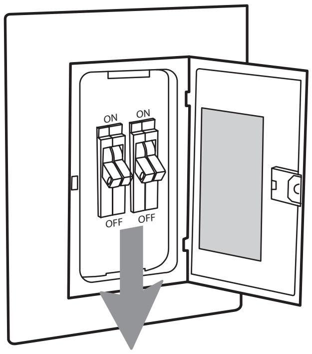
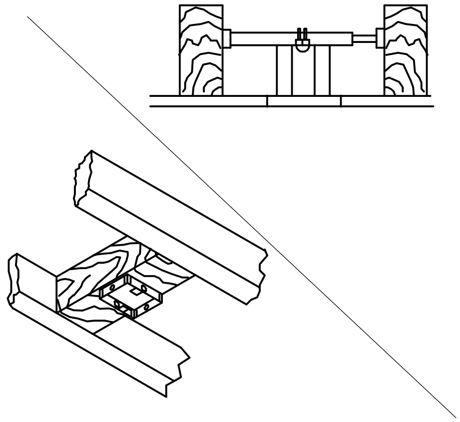
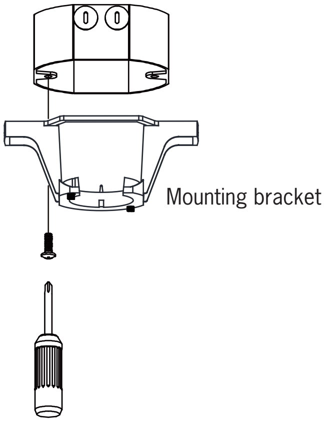

Monte Carlo Fan Co.
CHICAGO, IL



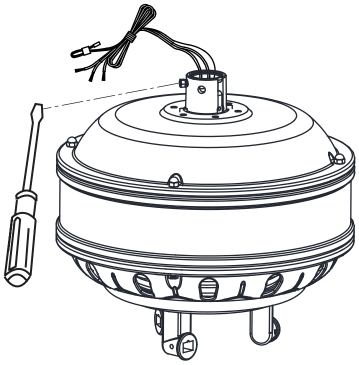
Before you begin installing the fan, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a warning device, such as a tag, to the service panel.
Use AC 120V/60HZ power supply only.



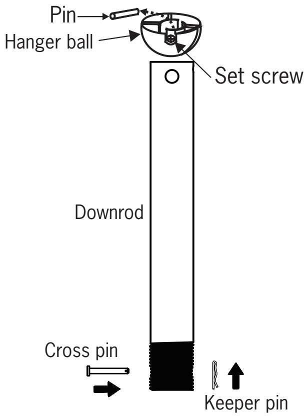
Before installing this fan make sure the outlet box is properly installed to the house structure. To reduce the risk of fire, electric shock, or personal injury, mount to outlet box or supporting system acceptable for fan support.
(Mounting must support at least 35 lbs.)



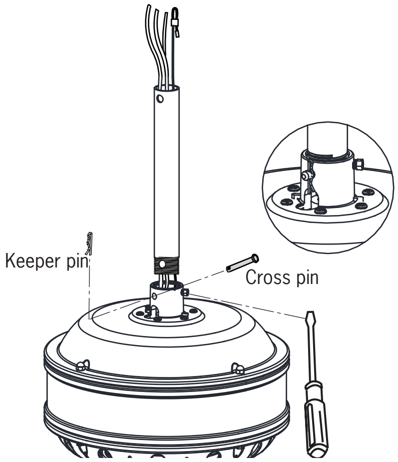
Use metal outlet box suitable for fan support and use only the screws provided with the outlet box (must support 35 lbs). Before attaching fan to outlet box, ensure the outlet box is securely fastened by at least two points to a structural ceiling member (a loose box will cause the fan to wobble). Remove the two outlet box screws provided with the box, aligning the holes of the mounting bracket with the holes of the outlet box. Reinstall the 2 outlet box screws securely.



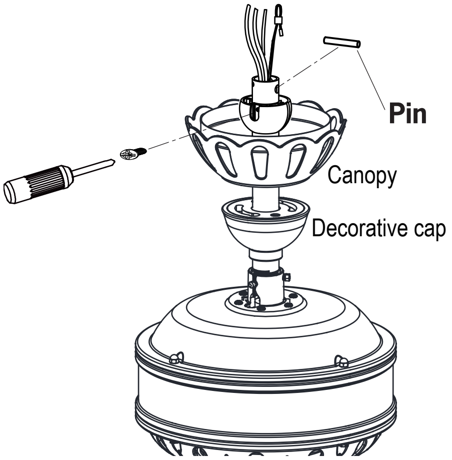
Partially loosen downrod set screw from yoke at top of the motor assembly.



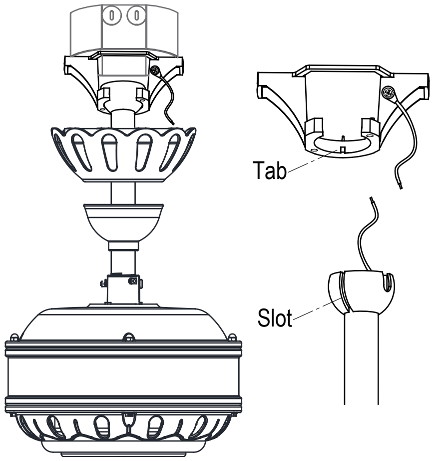
Remove hanger ball from downrod by loosing the set screw and removing the pin as shown in illustration. Keep parts. Remove preassembled keeper pin and cross pin from downrod.



Thread lead wires and safety cable from motor assembly through downrod.
Install downrod. Thread downrod into the yoke on top of fan until the holes on downrod are aligned with the holes on the yoke, and then install cross and keeper pins. Tighten the downrod set screw.
Caution: To avoid damaging of lead wires from downrod installation, make sure the lead wires and safety cable are not twisted when install the downrod.
Warning: Cross pin and keeper pin must be installed securely, failure to install them will result in serious injury.

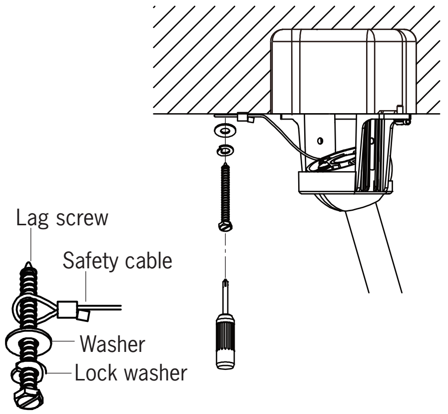


Place decorative cap and canopy over lead wires, safety cable and downrod, and then replace the hanger ball. Replace the hanger ball with pin and set screw and tighten securely.
Warning: Make sure the **pin** is installed well on hanger ball with downrod.
Note: If the fan to be installed on a slope ceiling, the decorative cap shouldn't be installed corresponding to next installation step.

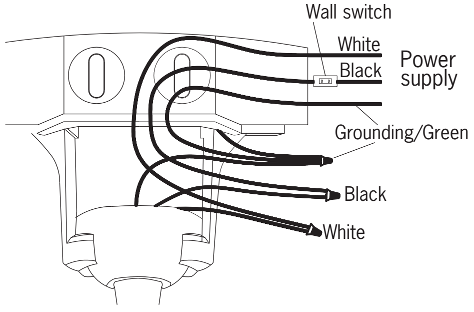


Install ball end of downrod into mounting bracket opening. Align (engage) slot on ball with tab on mounting bracket.
Warning: Failure to align slot on ball with tab may result in serious injury.
Important: If using the angle mount, make sure open end of mounting bracket is installed facing the higher point of the ceiling and make sure the ceiling angle is not steeper than 20º. Longer downrod may be necessary allowing the fan blades to rotate without obstructions.

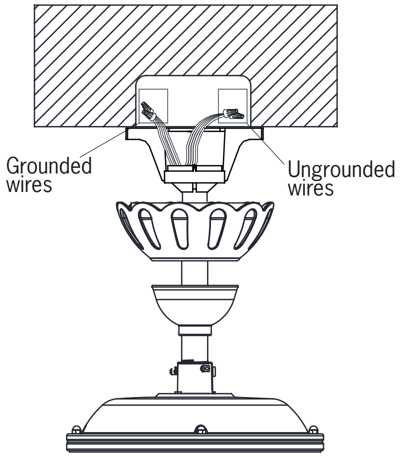
SAFETY CABLE INSTALLATION



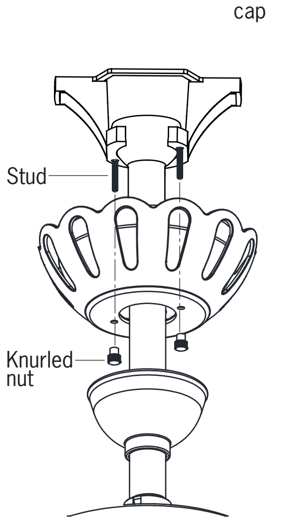
For Canadian installation and for USA fan and light kit combinations over 35 lbs, in both flush and downrod modes the safety cable must be installed into the house structure beams using 3" lag screws, washers and lock washers provided. Make sure that when the safety cable is fully extended the lead wires are longer than the cable and no stress is placed on the lead wires.
Note: If Installing The Secondary Support Safety Cable in the U.S., Do Not Remove Knockouts In The Outlet Box.



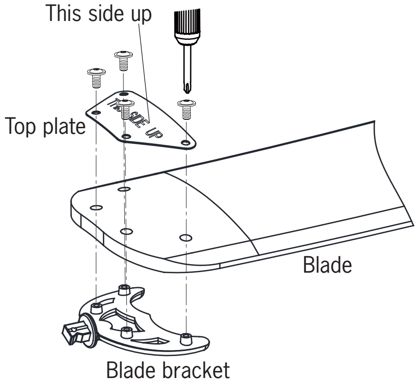
Make wiring connections as indicates above, using wire connectors provided. Connect Black wire from fan to Black (Live) wire from house. Connect White wire from Fan to White (Neutral) wire from house. Connect all green grounded wires to Grounded wire from House. Make sure that no filaments are outside of the wire connectors.



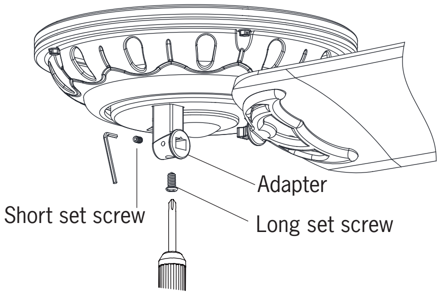
After making the wire connections, the wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and ungrounded conductor on the other side of the outlet box. The splices after being made should be turned upward and pushed carefully up into the outlet box.



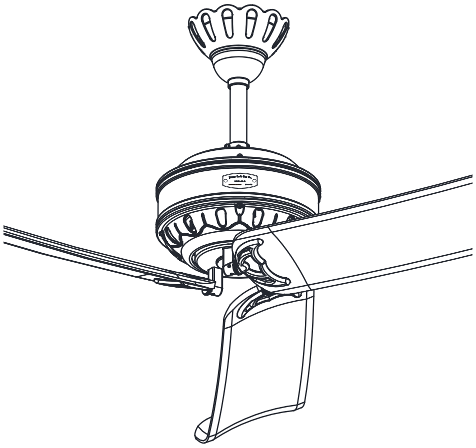
Lift Canopy allowing the 2 studs to protrude through the canopy, and then install knurled nuts as shown. Knurled nuts provided. Tighten the knurled nuts securely. The canopy should adjust for any irregularity in the ceiling or Outlet box.
Attach decorative cap by locating the screw heads at bottom of the canopy with grooves on the cap and twist clockwise until tight.



Install blade onto blade bracket with a top plate by 4 blade screws provided. Tighten screws securely. Repeat this process for remaining blades.
Note: Make sure the side with a mark “This side up” is installed upward.



Firmly insert a blade bracket with blade into the adapter. Fix the blade bracket with set screws provided (**the lone one has to be installed at bottom side with Phillips screwdriver**). Tighten screws securely. Repeat this process for remaining blade brackets.
Warning: Blade bracket must be fully insert into the adapter, so the side set screw will engage with the blade bracket at the indent area.
Note: To install blade assembly on the adapter firmly, the set screw is made a little interference fit. It is a normal condition.
Fully install set screws until they tightly jams against the blade bracket.



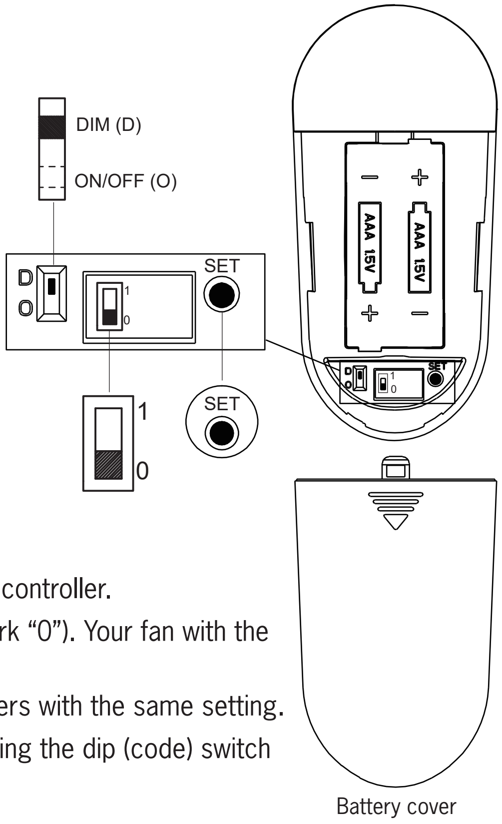
Remote Controller Operation

Remove the battery cover from the remote control transmitter and install batteries. Replace the cover. This remote uses 2 1.5V/AAA batteries.

Note: If not using for long period of time, remove battery to prevent damage to remote transmitter, and store the remote transmitter away from excess heat or humidity

Dimming, Non Dimming Setting (Only available for fans with light)

In the dimming mold, it is a light dimming selection and it is to be used with dimmable luminaries. Press and hold the button to dim the light. The light will cycle from bright to dim to bright until button is released. Light will maintain last setting if turned off. Press and release the button quickly may turn light on/off. The remote controller is set with dimming function at factory.
In ON/OFF (non-dimming mold), it is for light ON/OFF only (non-dimming function).



Universal Mode and Learning Mode

There are “Universal Mode” and “Learning Mode” (marks “0” and “1”) with the remote controller.

If choosing “**Universal Mode**”, simply place dip (code) switch at LOWER position (mark “0”). Your fan with the remote controller is ready to use.

Note: If using universal mode, your fan can be controlled with other remote transmitters with the same setting.

To control the fan with specific remote transmitter, choose “**Learning Mode**” by placing the dip (code) switch at UPPER (mark “1”) position and then make learn function setting as below.

Learn Function Setting

Important: Turn the power on for ONLY the specific fan you wish to pair with the remote controller. Make sure to turn the power off for all other fans with which you use the same remote controller.

Restore power to your fan, press and hold the “SET” button to pair the Transmitter and receiver. You must press the ‘SET” button within 60 seconds of restoring power to the fan.

Note: Fan will operate at minimum speed after the setting.

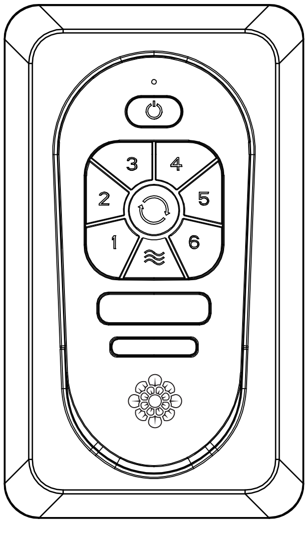
Note: If the power is on already, you must turn the power off then turn the power back for remote control setting.

Note: If reset the dip switch to “0” position (universal mold). It has to be paired again, run the learn function setting.

The remote control buttons control the fan speed as follows:

Fan speed

1 = minimum speed
2 = low speed
3 = medium low speed
4 = medium speed
5 = medium high speed
6 = high speed



⏻ This button turns the fan off.

↻ Forward/Reverse button- This button is to control direction of fan rotation. Press once to change direction of the fan rotation. Fan must be running to reverse.

≋ Breeze-

Press the Breeze button, fan will operates at high speed (6th) for 30 seconds, then automatically change to 5th, 4th, 3rd, 2nd, 1st at intervals of 30 seconds, and then change it from Low speed (1st) to 2nd, 3rd, 4th, 5th, 6th repeat the cycle until the breeze mold is cancelled.

Breeze mold can be erased by pressing the buttons of power or speed control.

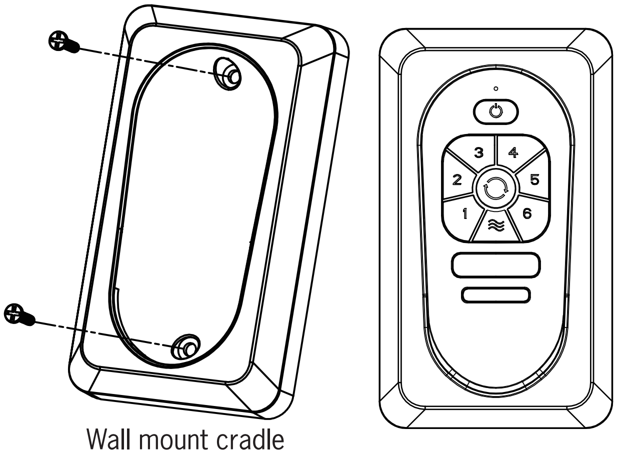
Note: This remote controller has auto resume function, the fan and light will maintain the last setting if turned off with exception of the Breeze mold.

Install Transmitter wall mount cradle with 2 screws provided.

Useful tips:

The remote transmitter can be removed by pressing it upward from the lower half.

The remote transmitter can be held on magnetic metal materials by a magnet built in the transmitter.



Wall mount cradle

The receiver provides the following protective functions:

Lock protection: The DC motor has a build-in safety feature against blade obstruction during operation. If something obstructs the fan blades, the motor will stop operation after about 20 seconds of interruption. Please remove obstacles and reset it by turning the power off, and then turn power back on.

Over 40W protection: When the receiver detects motor power consumption which is greater than 40W, the fan RPM will automatically lower to prevent it from overloading.

User Tips

1. If your fan is operating automatically after installation, it is still using the factory setting. Follow the settings for Learn Mode above to reset.

2. If the fan or light isn't working, reset power (turn the power off then turn the power back on) and follow the Universal Mode or Learn Mode remote control settings.

3. If two or more fans in the same remote signal range are on the same power supply, they cannot be operated separately by remote control. Use a separate power supply for each fan, such as an individual wall switch, and restrict the power supply to only the fan which you are pairing with its transmitter in order to use the remote controller.

4. When the fan is turned on to oscillate in either forward or reverse direction, it may shudder briefly until fully engaged. This is a normal operation for this fan; the shuddering will quickly cease as movement is engaged.

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.

Troubleshooting

If you have difficulty operating your new ceiling fan, it may be the result of incorrect assembly, installation, or wiring. In some cases, these installation errors may be mistaken for defects. If you experience any faults, please check this Troubleshooting Chart. If a problem cannot be remedied, or you are experiencing difficulty in installation, please call our Customer Service Center at the number printed on your parts list insert sheet.

Warning: Before you begin installing, servicing or cleaning the fan unit, switch the power off at the service panel and lock the service panel to prevent the power from being switched back on accidentally. If the service panel cannot be locked to prevent the power from being switched on accidentally, securely fasten a warning sign to the service panel.

Trouble	Suggested Remedy
1. If fan does not start:	1. Check main and branch circuit fuses or circuit breakers. 2. Check line wire connections to fan and switch wire connections in switch housing. **CAUTION**: Make sure main power is turned off. 3. If this fan uses manual forward/reverse switch, make sure the switch is pushed firmly either way. Fan will not operate when switch is in the middle. 4. If this fan uses a remote controller, make sure dip switches are in the correct setting and make sure the battery works.
2. If fan sounds noisy:	1. Check to make sure all screws in motor housing are snug (not over tightened). 2. Check to make sure the screws which attach the fan blade holder to the motor are tight. 3. Check to make sure wire nut connectors in switch housing are not rattling against each other or against the interior wall of the switch housing. **CAUTION**: Make sure main power is turned off before entering switch housing. 4. Check to be sure lightbulb is tight in socket and not touching the glass shade. 5. Some fan motors are sensitive to signals from Solid State variable speed controls. 6. Allow "break-in" period of 24 hours. Most noises associated with a new fan will disappear after this period.
3. If fan wobbles:	1. If this is a downrod mount fan, make sure the ridge on mounting bracket engages the notch in the downrod ball. 2. Make sure that canopy, mounting bracket or mounting plate are tightened securely to ceiling junction box and junction box is mounted firmly to ceiling joist. 3. Check that all blades are screwed firmly into blade holders. 4. Check that all blade holders are tightened securely to motor. 5. Most fan wobble 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 from blade tip to ceiling. Keeping measure within 1/8", rotate the fan until the next blade is positioned for measurement. Repeat for each blade. If all blade levels are not equal, you can adjust blade levels by the following procedure. To adjust a blade tip down, insert a washer (not supplied) between the blade and blade holder at the screw closest to the motor. To adjust a blade tip up, insert washer (not supplied) between the blade and blade holder at the two screws farthest from the motor. Reverse the position of the washer if blades mount from top of blade. 6. If blade wobble is still noticeable, interchanging two adjacent blades can redistribute the weight and possibly result in smoother operation. If the above steps do not eliminate the wobble problem, you will need to dynamically balance your fan with balancing kit provided.
4. If light does not work:	1. Check blue wire from fan to make sure it is connected to hot wire from house. 2. Check for loose or disconnected wires in fan switch housing. 3. Check for loose or disconnected wires in light kit. 4. Check for faulty lightbulb and make sure bulb is tight in socket. 5. Remove light kit and check the plug connections if they are present. 6. If this fan uses a remote controller, make sure dip switches are in the correct setting and make sure the battery works. **CAUTION**: Make sure main power is turned off before entering switch housing and/or canopy.

Jan.2020
May.2020 magnetic on transmitter
Dec.2020 update remote control, Blade arm and set screw