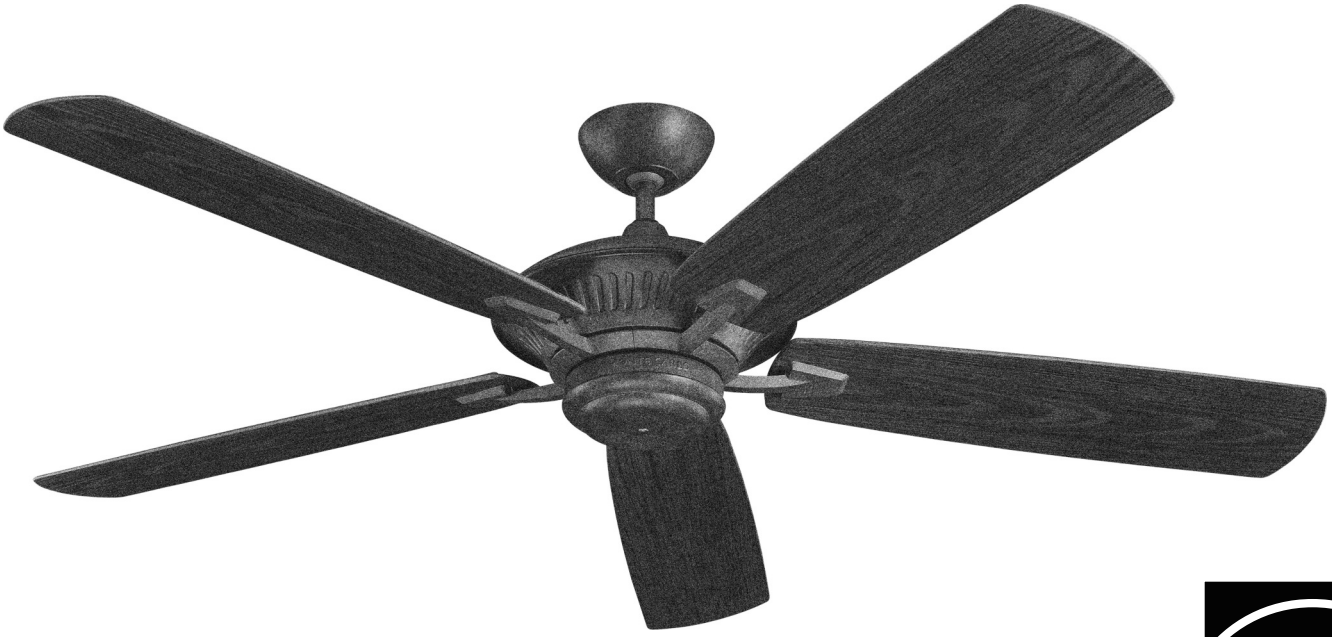
MONTE CARLO

CEILING FAN COMPANY

Owner's Guide and Installation Manual



ENERGY STAR

5CY60XX Series Fan

UL Model No. : AC-570F811

Attach sales receipt to this card and retain as your proof of purchase

DATE OF PURCHASE: _____ **RETAILER NAME:** _____

MODEL NUMBER: _____ **RETAILER ADDRESS:** _____

To register your fixture, please visit our website www.montecarlofans.com

c UL US LISTED

14.58 kgs
32.08 lbs

Total fan weight

Cautions and Warnings

WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING
READ AND SAVE THESE INSTRUCTIONS

Installation work and electrical wiring must be done by qualified person(s) in accordance with applicable codes and standards (ANSI/NFPA 70-1999), including fire-rated construction.

Use this unit only in the manner intended by the manufacturer. If you have any questions contact the manufacturer.

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.

WARNING: Before you begin installing the fan, servicing or cleaning unit, 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 prominent warning device, such as a tag, to the service panel.

Be cautious! Read all instructions and safety information before installing your new fan. Review the accompanying assembly diagrams.

When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.

Make sure the installation site you choose allows the fan blades to rotate without any obstructions. Allow a minimum clearance of 7 feet from the floor to the trailing edge of the blade.

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.

CAUTION: For Compliance with Local Codes and Regulations, If Installing The Secondary Support Safety Cable in the U.S., Do Not Remove Knockouts In The Outlet Box. Mount the secondary support safety cable through the reserved nail/screw hole on the outlet box to the building structure (or the ceiling joist).

WARNING: To reduce the risk of personal injury, do not bend blade holders during installation to motor, balancing or during cleaning. Do not insert foreign object between rotating blades.

Attach the mounting bracket using only the hardware supplied with the outlet box.

WARNING: To reduce the risk of fire or electric shock, this fan must be installed with an isolating wall control/switch.

WARNING: To reduce the risk of fire or electric shock, do not use this fan with any solid state fan speed control device, or variable speed control.

If this unit is to be installed over a tub or shower, it must be marked as appropriate for the application.

Never place a switch where it can be reached from a tub or shower.

The combustion airflow needed for safe operation of fuel-burning equipment may be affected by this unit's operation. Follow the heating equipment manufacturer's guideline safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) and the local code authorities.

CAUTION: To Reduce the Risk of Electric Shock, Disconnect the electrical supply circuit to the fan before installing the light kit.

All set screws must be checked and tightened where necessary before installation.

Note: Suitable for use in wet locations when installed in a GFCI protected branch circuit.
Note: Use only with light kits marked suitable for use in wet locations.

Tools Required for Assembly (not included): Electrical Tape, Phillips Screwdriver, Pliers, Safety Glasses, Stepladder and Wire Strippers.

Customer Service
800-969-3347

Customer Service Center
7400 Linder Ave.
Skokie, IL 60077
www.montecarlofans.com

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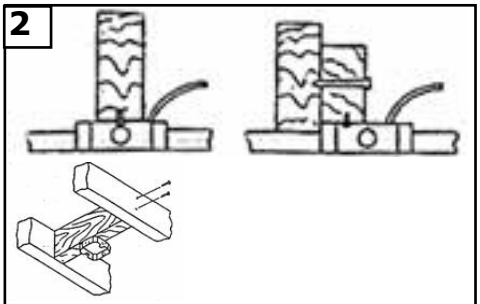
1

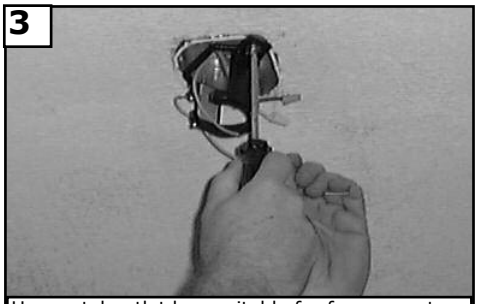
Before you begin installing the fan, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

2



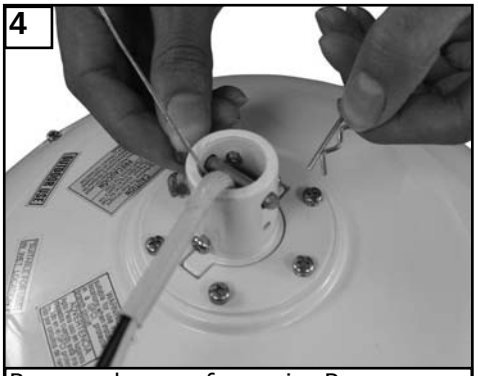
Before installing this fan make sure the outlet box is properly installed to the house structure. To reduce the risk of fire, electric shock, or personal injury, mount to outlet box or supporting system acceptable for fan support.
(Mounting must support at least 35 lbs.)

3



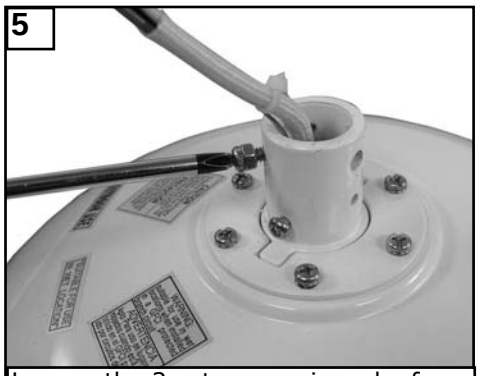
Use metal outlet box suitable for fan support (must support 35 lbs). Before attaching fan to outlet box, ensure the outlet box is securely fastened by at least two points to a structural ceiling member (a loose box will cause the fan to wobble). **Use only the screws provided with the outlet box.**

4



Remove keeper from pin. Remove pin, replace keeper and save.

5

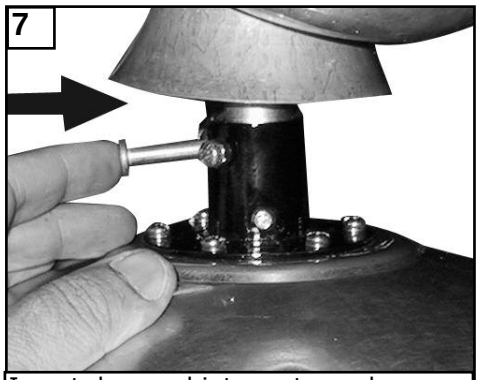


Loosen the 2 set screws in yoke for downrod to slip into yoke.

6

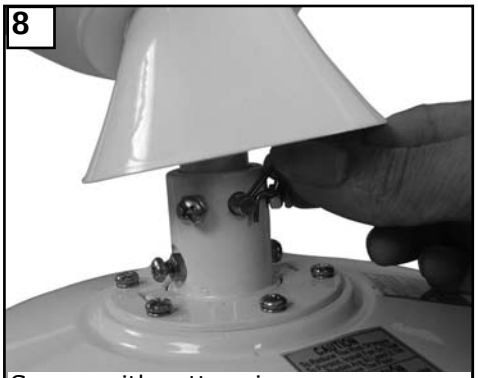
Thread wire through downrod with canopy and yoke cover assembled onto downrod.

7



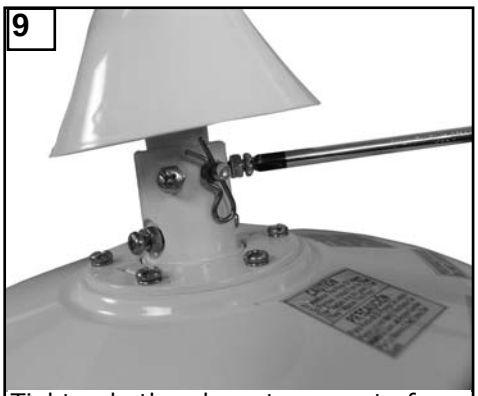
Insert downrod into motor yoke. Next, insert clevis pin through yoke and downrod.

8



Secure with cotter pin.

9



Tighten both yoke set screws to further secure downrod.

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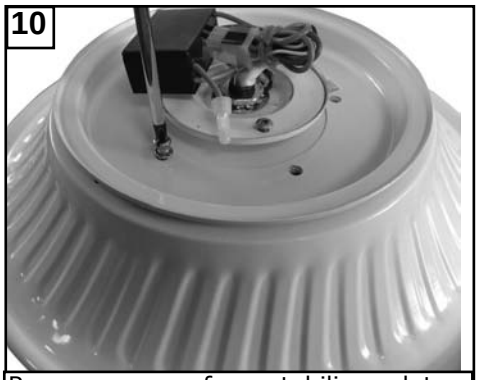
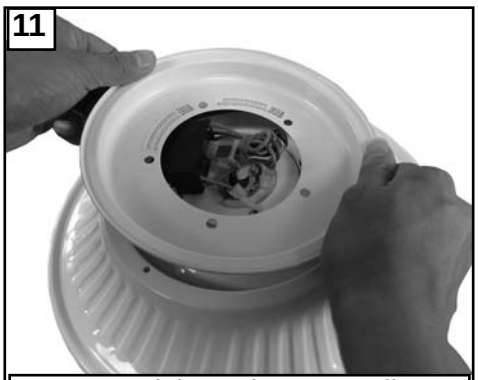


Remove screws from stabilizer plate on bottom of fan motor.

11

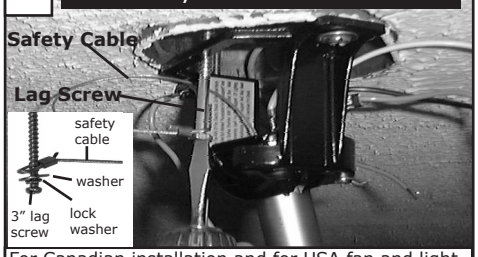


Remove stabilizer plate you will not need this plate.

12

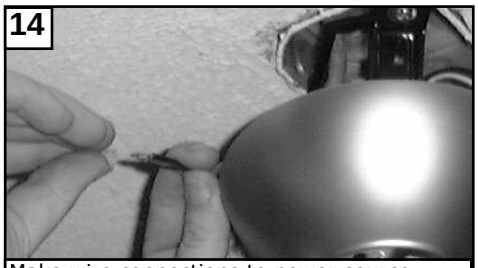
Carefully lift fan assembly onto mounting bracket. Rotate fan so that the notch on the ball engages the ridge in the mounting bracket. This will allow hands-free wiring.

13 Safety cable installation



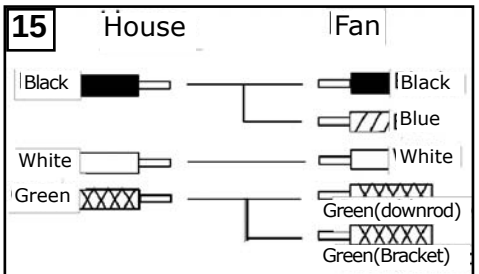
For Canadian installation and for USA fan and light kit combinations over 35 lbs, in both flush and downrod modes the safety cable must be installed into the house structure beams using 3" lag screws, washers and lock washers provided. Make sure that when the safety cable is fully extended the lead wires 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.

14



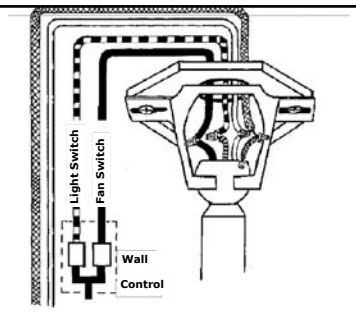
Make wire connections to power source using wire nuts provided. Make sure that no filiments are outside of the wirenut. After making the wire connections, the wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and ungrounded conductor on the other side of the outlet box.

15



For pullchain controls, follow diagram above. Make sure that all exposed wiring is secured inside wire nuts. Note: Wires from house may vary in color and may not include ground wire. After wiring is conplete, gently push wires into junction box with wire nuts pointing upward. Refer to point 3 of safety tips.

16

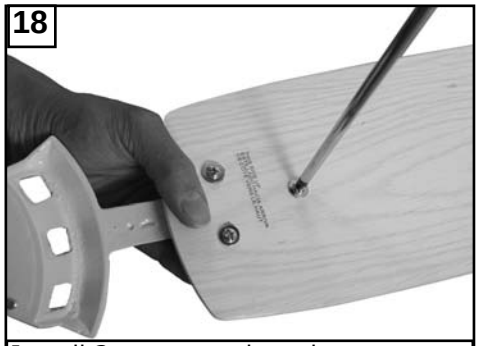


For control of fan and optional light from wall location, follow diagram above. NOTE: A professional electrician is recommended for this type of installation.

17

Loosen one and remove one preassembled screw from mounting bracket. Save screw. Lift canopy up, aligning its keyhole slot with the preassembled screw on mounting bracket and twist clockwise to lock in place. Re-install the removed screw and tighten all screws securely.

18



Install 3 screws and washers per blade and tighten securely. Repeat for all 5 blades. The blades will have a label showing this side up on each blade.

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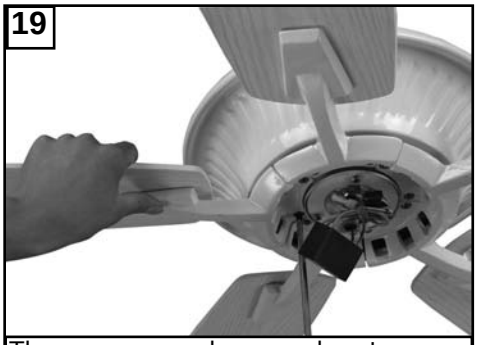
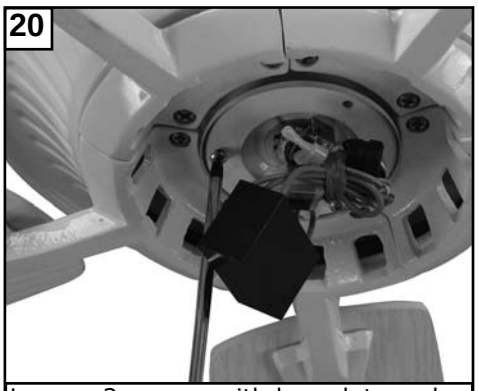
19



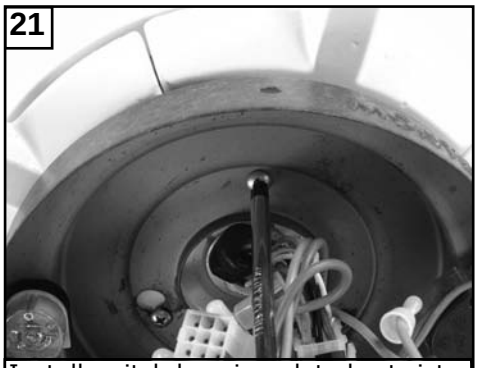
The screws, washers, and motor pads are pre-installed to the blade holders. Attach blade assembly to motor and tighten screws securely.

20



Loosen 2 screws with key slots and remove 1 screw without slot from motor plate and save screw.

21

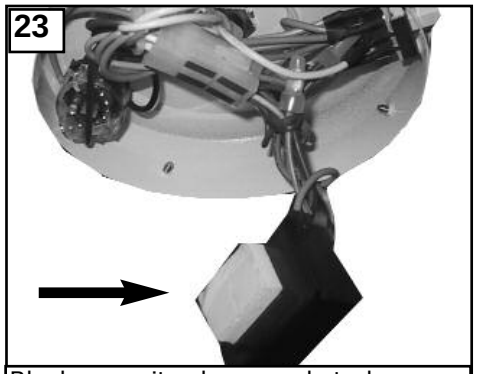


Install switch housing plate by twisting plate with key hole slots into place. Replace screw removed and tighten the 3 screws securely.

22

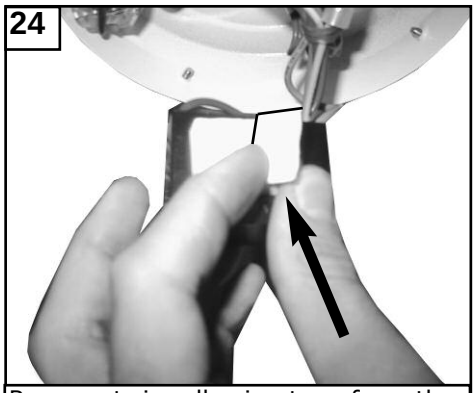
Connect plug from fan to switch housing plug. Match the color strips on the plugs.

23



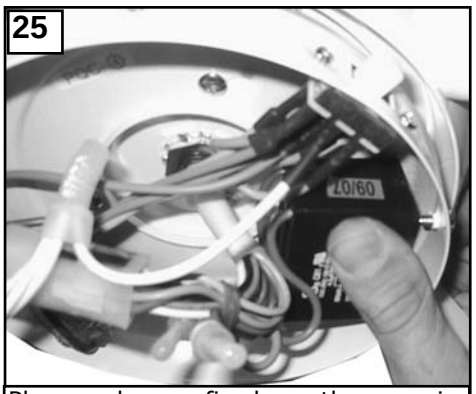
Black capacitor box needs to be stuck to the switch housing. Not being attached can cause motor noise.

24



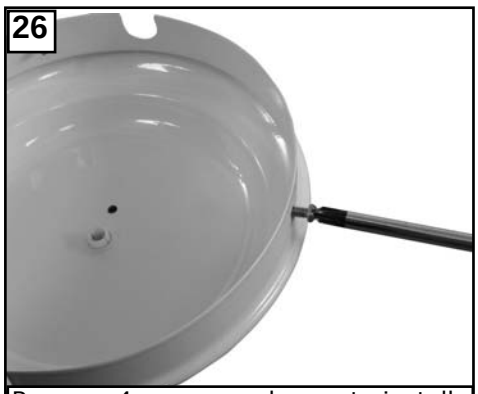
Remove twin adhesive tape from the black capacitor as shown above.

25



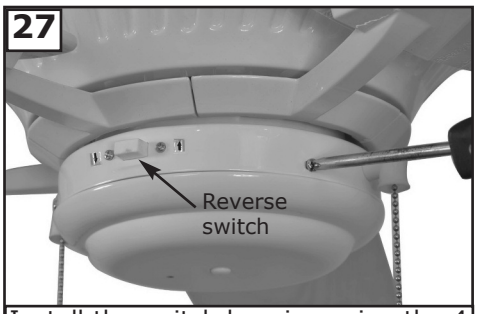
Place and press firmly on the capacitor to stick it to the switch housing. Be sure it is secure.

26



Remove 4 screws and save to install switch housing.

27



Install the switch housing using the 4 screws previously removed.
Setting the reverse switch in the left hand side will result in downward airflow and setting the switch in the right hand side will result in upward airflow.

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Trouble Shooting

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 Trouble Shooting 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 servicing or cleaning unit, 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 prominent warning device, such as a tag, 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. 3.Make sure that any shipping stabilizer has been removed from motor. **CAUTION: Make sure main power is turned off.**
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.Some fan motors are sensitive to signals from Solid State variable speed controls. **DO NOT USE a Solid State variable speed control.** 5.Allow "break-in" period of 24 hours. Most noises associated with a new fan will disappear after this period.
3. If fan wobbles:	1.Make sure that the ridge of the canopy engages the notch in the downrod ball. 2.Check that all blades are screwed firmly into blade holders. 3.Check that all blade holders are tightened securely to motor. 4.Make sure that canopy and mounting bracket are tightened securely to ceiling junction box and junction box is mounted firmly to ceiling joist. 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 ceilng. 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 (side by side) blades can redistribute the weight and possibly result in smoother operation.
4. If light does not work:	1.Check 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 light bulbs. **CAUTION: Make sure main power is turned off before entering switch housing.**

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Feb.2012 New format

Jun.2013 update for CUL regulation