

Owner's Manual

Ceiling Fan Installation Instructions



Total fan weight

For 5EG60XX Series Fans

READ AND SAVE THESE INSTRUCTIONS

MONTE CARLO
Quality Ceiling fans



Installation

SAFETY TIPS

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

1. 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.
2. Use this unit only in the manner intended by the manufacturer. If you have any questions contact the manufacturer.
3. 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.
4. 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.
5. Be cautious! read all instructions and safety information before installing your new fan. Review the accompanying assembly diagrams.
6. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
7. 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.
8. **WARNING – Risk of fire, electric shock, or personal injury, The fan in this box may be either directly supported from a structural framing member of a building and/or may be mounted to an outlet box marked acceptable for fan support of 31.8 kg. (70 lbs.) or less. Most outlet boxes . Attach the mounting bracket using only the hardware supplied with the outlet box.**
9. 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.
10. If this unit is to be installed over a tub or shower, it must be marked as appropriate for the application.
11. NEVER place a switch where it can be reached from a tub or shower.
12. 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.
13. Before servicing or cleaning unit, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally.
14. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
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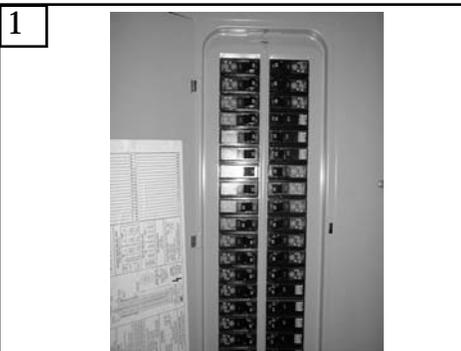
TOOLS REQUIRED

Phillips Screwdriver

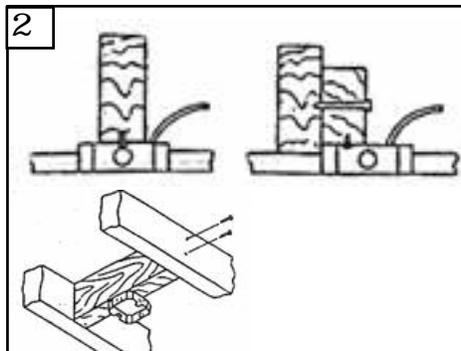
Wire Cutters

Pliers

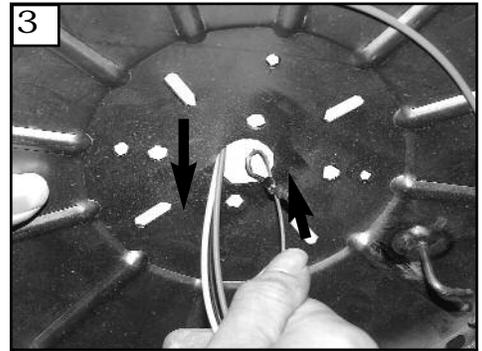
Step Ladder



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.



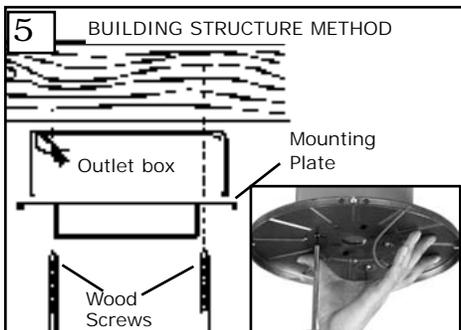
2 Before installing this fan make sure the outlet box is properly installed to the house structure. To reduce the risk of fire, electric shock, or personal injury, mount to outlet box or supporting system acceptable for fan support. (Mounting must support at least 70 lbs.)



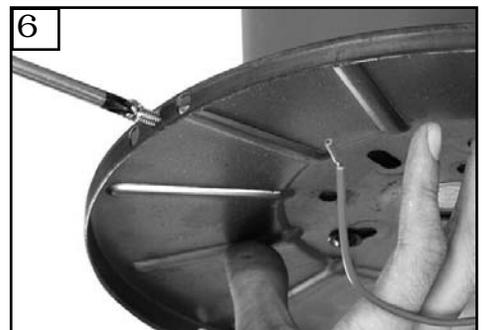
3 Thread safety cable through center hole of the mounting plate. Thread your house wires through center hole also. These will be needed for wiring of the fan.



4 **Safety cable installation**
For Canadian installation and for USA fan and light kit combinations over 35 lbs, in both flush and downrod mode the safety cable must be installed into the house structure beams using the 3" lag screws provided. Make sure that when the safety cable is fully extended the leadwires are longer than the cable and no stress is placed on the leadwires.



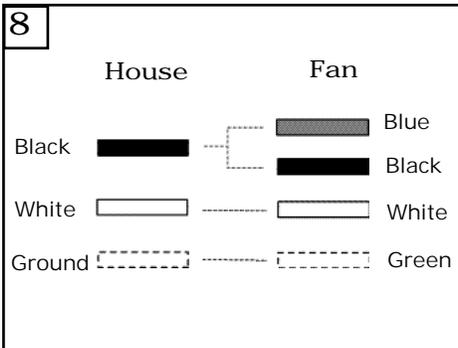
5 **BUILDING STRUCTURE METHOD**
Secure mounting plate directly to a joist from the building structure via the two knock out holes on the outlet box. Use only the appropriate wood screws and washers included with your fan. Caution: Wood screws must go through the safety cable, hanging plate, outlet box and into the building joist.



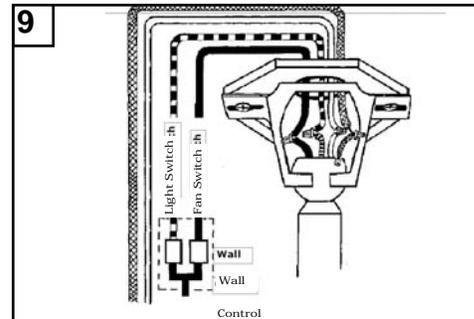
6 Remove 1 screws opposite each other and loosen 3 remaining screws. Save removed screws for use later.



7 Hang fan from hook on the mounting plate. Use the closed hole. This will allow for hands free wiring.



8 Connect black and blue wire from fan to Black or (Hot) wire from house. Connect White wire from Fan to White (Neutral) wire from house. Connect Ground leads from mounting bracket and downrod to Ground lead from house. Refer to Safety Tips section of manual.



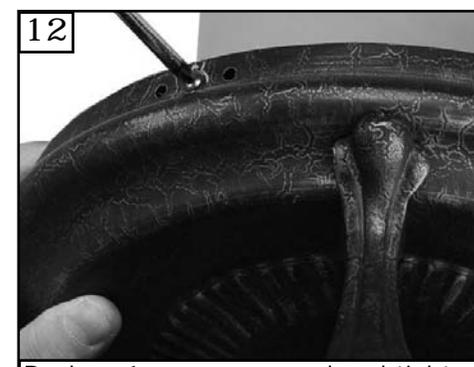
9 For control of fan and optional light from wall location, follow diagram above. NOTE: A professional electrician is recommended for this type of installation.



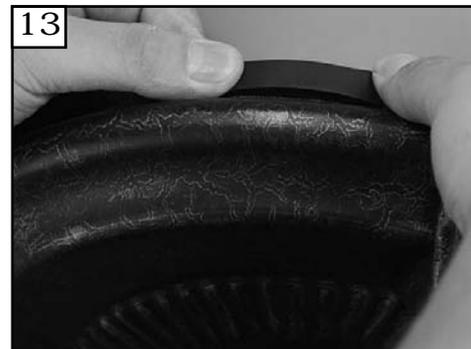
10 Make wire connections to power source using wire nuts provided. Make sure that no filaments are outside of the wirenut. After making the wire connections, the wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and ungrounded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



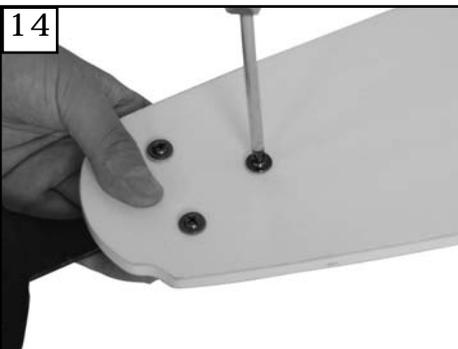
11 Carefully lift fan to loosened screws on mounting plate and twist clockwise till tight..



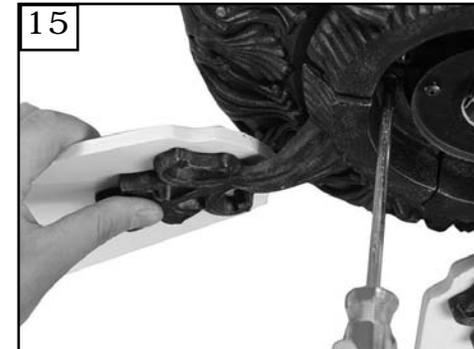
12 Replace 1 screw removed and tighten the 4 screws securely.



13 Snap plastic covers in place to cover screws.



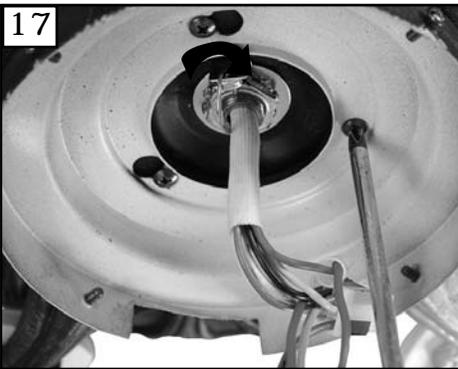
14 Install 3 screws and washers per blade and tighten securely. Repeat for all 5 blades



15 Check the motor for shipping stabilizers and remove if present. The screws, washers, and motor pads are pre-installed to the blade holders. Attach blade assembly to motor and tighten screws securely.



16 Loosen 2 screws and remove 1 screw from motor plate and save screw.



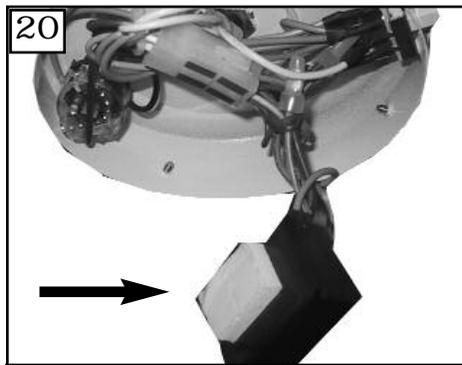
17 Install light pan by twisting pan with key hole slots into place. Replace screw removed and tighten the 3 screws securely.



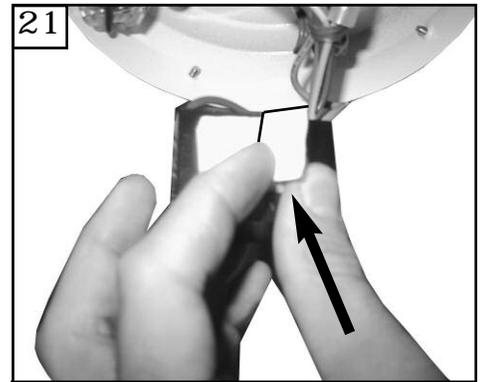
18 Remove 4 screws around light plate. Save screws.



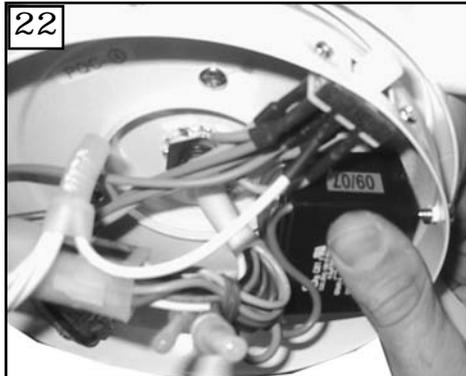
19
Connect 9 pin plug from fan to switch housing 9 pin plug.



20
Black capacitor box needs to be stuck to the switch housing. Not being attached can cause motor noise.



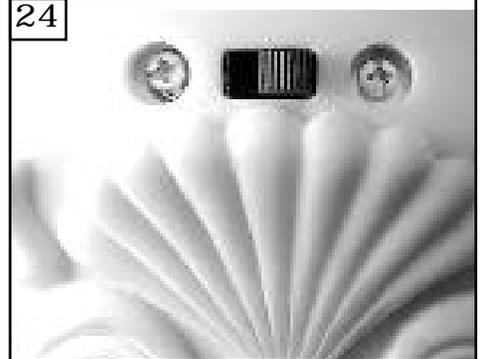
21
Remove twin adhesive tape from the black capacitor as shown above.



22
Place and press firmly on the capacitor to stick it to the switch housing. Be sure it is secure.



23
Install switch cap by reinstalling the 4 screws removed.



24
There is a manual reverse switch located on on the switch cap installed in step 23. Fan must be off to reverse.

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.

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 forward/reverse switch is firmly in up or down position. Fan will not operate when switch is in the middle.

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 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 (side by side) blades can redistribute the weight and possibly result in smoother operation.
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 light bulbs.

CAUTION: Make sure main power is turned off before entering switch housing or canopy.

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Customer Service Center:
1-800-519-4092