

READ AND SAVE THESE INSTRUCTIONS



EMERSON™

Replacement of SW375 Receiver With SW105 or RCK55 Receiver Owner's Manual

WARNING

Safety Instructions

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

1. Read your Owner's Manual carefully before installing the Receiver. Retain Owner's Manual for future reference.
2. Before servicing or cleaning the ceiling fan, switch power off at service panel and lock service panel 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.

ADDITIONAL SAFETY INSTRUCTIONS FOR INSTALLATION

1. To avoid possible electrical shock, be sure electricity is turned off at the main fuse or circuit breaker box before wiring.
2. Make certain no bare wires are exposed outside the wire connectors.
3. All wiring must conform to National and Local Electrical Codes.
4. Follow the recommended instructions for the proper method of wiring your new Receiver. If you feel you do not have enough electrical wiring knowledge or experience, have your Receiver installed by a licensed electrician. Any electrical work not described in this manual should be performed by a licensed electrician.

INSTRUCTION TO THE USER (if device contains a digital device)

This equipment has been tested and found to comply with the limits for a 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 communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does 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 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.

This equipment has been certified to comply with the limits for a class B computing device, pursuant to FCC Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

General

Your Owner's Manual contains instructions for the replacement of your old SW375 Receiver, located under the ceiling cover, with a new SW105 or RCK55 Receiver. Removal of switch(es) and the capacitor in the switch housing, installation of a reversing module in the switch housing, and wiring alterations under the motor cover are changes that must be made, in addition to replacement of the receiver.

NOTE: Your ceiling fan does not have to be removed from the ceiling in order to facilitate these changes.

IMPORTANT

The new SW105 or RCK55 Receiver must NOT be used with your existing SR330 Remove Control or SW115 Wall Control.

Unpackaging

The SW105 or RCK55 Receiver carton also contains a reversing module, two wire connectors, and four pull chain plugs.

Replacement Procedures

WARNING

Turning off wall switch is not sufficient. To avoid possible electrical shock, be sure electricity is turned off at the main fuse or circuit breaker 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.

IMPORTANT

It is important that you also follow the instructions contained in the Owner's Manual supplied with your Ceiling Fan. Pay particular attention to the Safety Instructions and the WARNING notes.

1. Remove the two knurled knobs securing the motor cover to the top of the motor (Figure 1)
2. Raise the motor cover up the downrod to expose the wiring under the cover. Refer to Figures 1 and 2 and the following wiring diagrams, Figures 3 and 5, and make the following changes:
 - (A) Remove the wire connector from the black wire (Figures 1 and 3). Strip back insulation 1/2-inch from the end of the black wire.
 - (B) Remove the wire connector joining the two red wires (Figures 1 and 3) and separate the wires.
 - (C) Join the black wire (Step A) to the red wire coming from the downrod using a wire connector (Figures 2 and 5).
 - (D) Cap the red wire coming from the motor using a wire connector (Figures 2 and 5).
 - (E) Remove the wire connector joining the two brown wires (Figures 1 and 3) and separate the wires.
 - (F) Cap each of the brown wires separately using wire connectors (Figures 2 and 5).

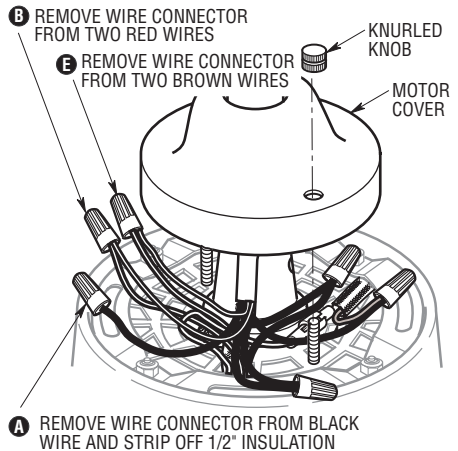


Figure 1

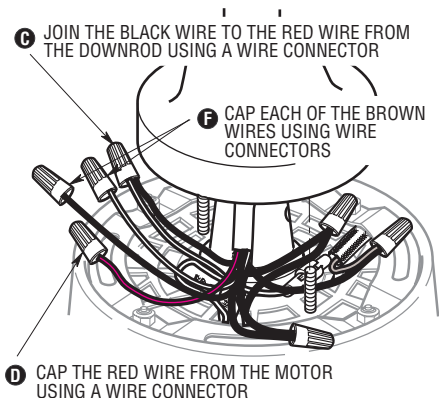
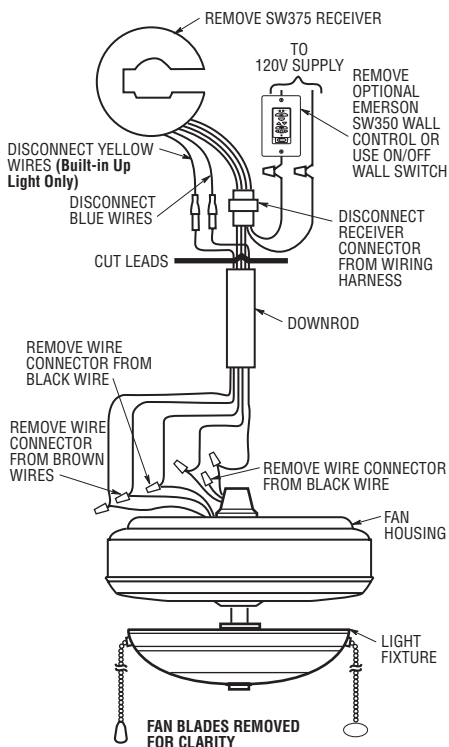


Figure 2

3. Slide the motor cover down the downrod and secure using the knurled knobs previously removed (Figure 1).
4. Remove the two knurled knobs and lockwashers securing the ceiling cover to the hanger bracket. Slide the ceiling cover down the downrod until it rests on the motor cover.
5. Disconnect the SW375 Receiver four-pin connector from the wiring harness connector coming from the downrod (Figure 3).
6. Disconnect the connectors on the SW375 Receiver blue wire and yellow wire from the connectors on the blue wire and yellow wire (if present) coming from the downrod (Figure 3).

NOTE: If your fan does not have an upright, the yellow wire from the downrod will not be present.

7. Remove the SW375 Receiver.
8. The SW105 Receiver will need to be programed before installing into the canopy as instructed in the receiver owner's manual. Your Emerson remote control receiver is equipped with a preset memory feature. The receiver will remember the light intensities and fan speed when the lights and fan are turned off from the wall switch. When the wall switch is turned back on, the lights and fan will resume operation as they were prior to being turned off.



WIRING DIAGRAM - SW375 RECEIVER REMOVAL
Figure 3

9. Position the SW105 or RCK55 Receiver in the ceiling cover so that the flat side of the receiver faces up and the open portion of the receivers to the right, as shown in Figure 4. Cut the two single pin connectors off the blue and yellow wires. Cut the four pin connector off the main harness. Cut as close to the bottom of the connectors as possible.
10. Cap the brown lead and strip all other leads approximately 1/2".

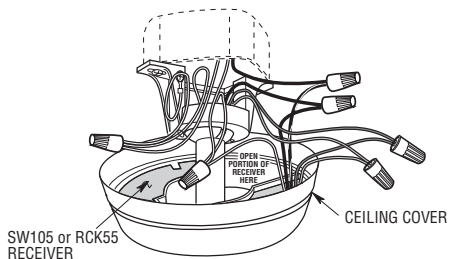
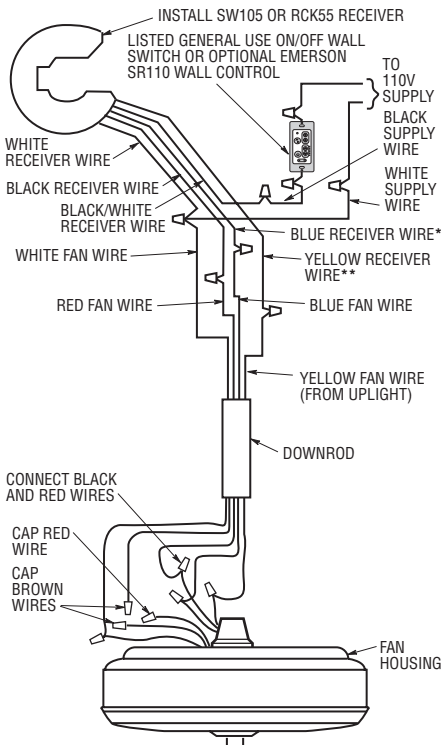


Figure 4



WIRING DIAGRAM - SW105 OR RCK55 RECEIVER INSTALLATION. Figure 5

11. Using wire connectors (supplied), make wiring connections as follows (Figure 5):
 - a. Connect the green ground wires from the hanger bracket and the hanger ball to the supply ground wire (bare or green).
 - b. Connect the white fan wire and the white supply wire to the white receiver wire (AC IN/MOTOR N).
 - c. Connect the red fan wire to the black receiver wire (TO MOTOR L).
 - d. Connect the black supply wire to the black/white receiver wire (AC IN L).
 - e. Cut off the end of the blue and yellow receiver wires and strip back insulation 1/2" from the end of the wires.
 - f. Connect the blue fan wire to the blue receiver wire (BOTTOM LIGHT).
 - g. Connect the yellow fan wire to the yellow receiver wire (UPPER LIGHT).

CAUTION: If your ceiling fan does NOT have an upright, there will be NO yellow fan wire. In this case, cap the yellow receiver wire using a wire connector (supplied). If your ceiling fan does NOT have a downlight, cap the blue receiver wire using a wire connector (supplied).

12. Remove and retain the screws securing the housing cover to the switch housing.
13. Disconnect the motor connector from the wiring harness connector. Remove the knurled nut securing the speed control switch to the switch housing.
14. Position the reversing module (supplied) in the switch cup; connect the reversing module connector to the motor connector (Figure 6). The connectors are color-coded and keyed and can be connected in only one manner.
15. Using a wire connector (supplied), connect the white wire from the motor to the reversing module white wire (Figure 6).
16. Position the housing cover on the switch housing and secure using the screws removed in Step 12.
17. Complete the installation and operation per manual supplied with your new remote control.

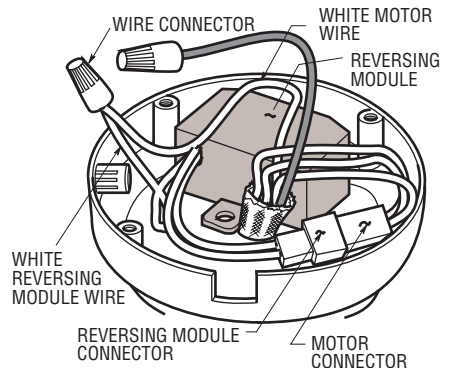


Figure 6



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Air Comfort Products

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