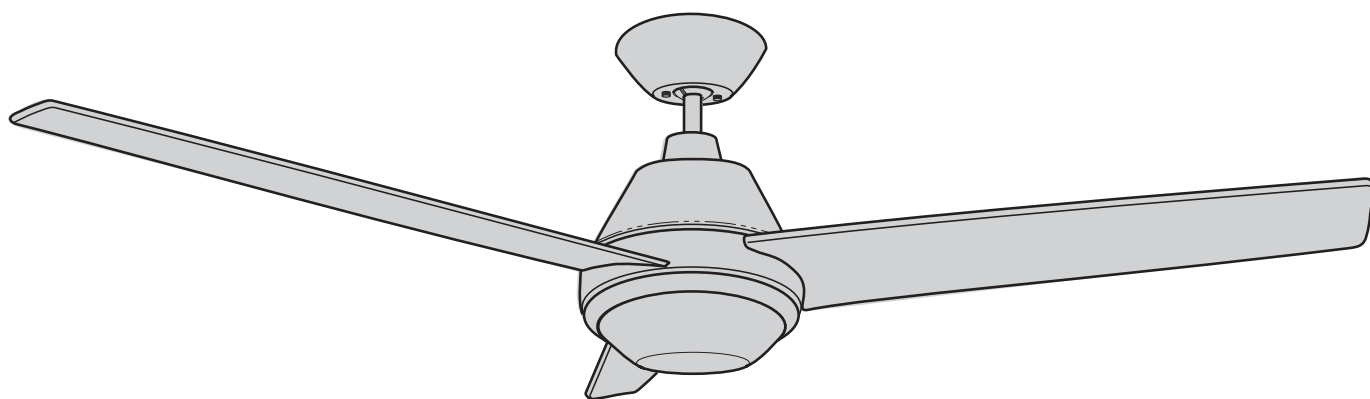

CEILING FAN



52" Ceiling Fan Owner's Manual
CF370

USE AND CARE GUIDE

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READ AND SAVE THESE INSTRUCTIONS

Safety Instructions

WARNING

TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

- Use this unit only in a manner intended by the manufacturer. If you have questions, contact the manufacturer.
- Before servicing or cleaning unit, switch power off at service panel and lock service panel 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.

- Read your owner's manual carefully and keep it for future reference.
- Be careful of the fan and blades when cleaning, painting, or working near the fan. Always turn off the power to the ceiling fan before servicing.
- Do not put anything into the fan blades while they are turning.
- Do not operate reversing switch until fan blades have come to a complete stop.

Additional Safety Instructions for Installation

- To avoid possible shock, be sure electricity is turned off at the fuse box before wiring, and do not operate fan without blades.
- All wiring must be in accordance with the National Electrical Code "ANSI/NFPA 70-2017" and Local Electrical Codes. Use the National Electrical Code if Local Codes do not exist. The ceiling fan must be grounded as a precaution against possible electrical shock. Electrical installation should be made or approved by a licensed electrician.

- The outlet box and joist must be securely mounted and capable of reliably supporting at least 50 pounds. Use only U.L. outlet boxes listed as "Acceptable for Fan Support of 22.7 kg. (50 lbs.) or less", and use the mounting screws provided with the outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.
- The downrod furnished with the fan provides the minimum recommended floor to fan blade clearance for an 8 foot ceiling.

CAUTION

To reduce the risk of injury, install the fan so that the blades are at least 7 ft. (2.1m) above the floor.

- Follow the recommended instructions for the proper method of wiring your ceiling fan. If you do not know enough about electrical wiring, have your fan installed by a licensed electrician.

NOTE: This fan is suitable for use with solid-state speed controls.

NOTE: All set screws must be checked and re-tightened where necessary before installation.

WARNING

To reduce the risk of electrical shock, this fan must be installed with an isolating wall control/switch.

To reduce the risk of fire or electrical shock, this fan should only be used with fan speed control, Model No. UC7067RA, manufactured by Rhine Electric Co., Ltd.

To avoid fire, shock or injury, do not use a control not specifically approved for this fan.

This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use with this product.

To reduce the risk of personal injury, do not bend the blades during installation, balancing the blades or cleaning the fan. Do not insert foreign objects in between rotating fan blades.

1. Unpacking Instructions

⚠ WARNING

Do not install or use fan if any part is damaged or missing.

⚠ WARNING

This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use with this product.

1.1

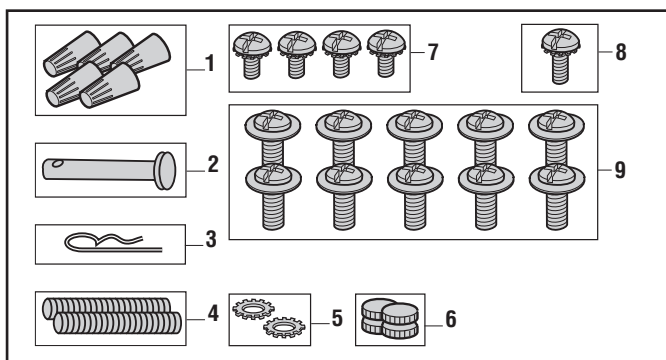
Open Carton containing the Fan. Remove top half of styrofoam unit. Remove Parts and check to see that you have received the following Hardware and Parts:

NOTE: If you are uncertain of part description, refer to exploded view illustration.

NOTE: Place the parts from the loose parts bags in a small container to keep them from being lost. If any parts are missing, contact your local retailer or catalog outlet for replacement before proceeding.

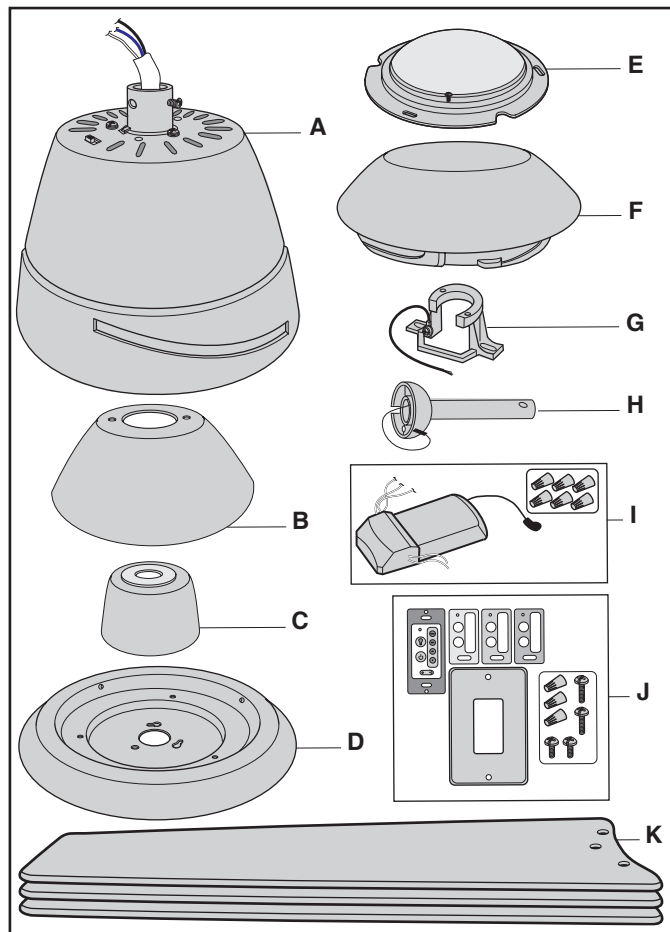
HARDWARE CONTENTS

Part	Description	Quantity
1	Wire Connectors, 12 ga.	5
2	Clevis Pin	1
3	Hairpin Clip	1
4	Threaded Stud, #8-32 x 1-1/4"	2
5	Lockwashers, External Tooth #8	2
6	Knurled Knobs, #8-32	2
7	#6-32 x 1/4" Truss Head Screws with Lock Washers	4
8	#6-32 x 3/8" Truss Head Screw with Lock Washer (spare)	1
9	#10-24 x 11 mm Washer Head Blade Screws	10



PACKAGE CONTENTS

Part	Description	Quantity
A	Fan Motor Assembly	1
B	Ceiling Cover	1
C	Coupler Cover	1
D	Lower Housing	1
E	LED Light Fixture Assembly	1
F	Shade	1
G	Hanger Bracket	1
H	Hanger Ball / 4.5" Downrod Assembly	1
I	Receiver with Hardware	1
J	4 Speed Wall Control Transmitter with Hardware	1
K	Fan Blades	3



1.2

Remove the Fan Motor Assembly from the protective plastic bag. Place the Fan Motor Assembly onto the upper foam pad with the bottom of the Fan Motor Assembly facing up.

The upper foam pad serves as a holder for the Fan during the first stages of assembly.

1. Unpacking Instructions (Continued)

This Manual Is Designed to Make it as Easy as Possible for You to Assemble, Install, Operate and Maintain Your Ceiling Fan

Tools Needed for Assembly

One Phillips Head Screwdriver One Stepladder
One 1/4" Blade Screwdriver One Wire Stripper

Materials

Wiring outlet box and box connectors must be of type required by the local code. The minimum wire would be a 3-conductor (2-wire with ground) of following size:

<u>Installed Wire Length</u>	<u>Wire Size A.W.G.</u>
Up to 50 ft.	14
50-100 ft.	12

WARNING

Before assembling your ceiling fan, refer to section on proper method of wiring your fan (page 12). If you feel you do not have enough wiring knowledge or experience, have your fan installed by a licensed electrician.

2. Electrical Requirements

Your New Ceiling Fan will require a Grounded Electrical Supply Line of 120 volts AC, 60 Hz, 15 amp circuit.

The Outlet Box must be securely anchored and capable of withstanding a load of at least 50 Pounds.

WARNING

To reduce the risk of fire, electric shock, or personal injury, mount fan to outlet box marked "Acceptable for Fan Support of 22.7 kg. (50 lbs.) or less", and use screws supplied with outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

If your Fan is to replace an Existing Ceiling Light Fixture, turn Electricity Off at the Main Fuse Box at this time and remove the Existing Light Fixture.

WARNING

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

WARNING

To avoid fire or shock, follow all wiring instructions carefully.
Any electrical work not described in these instructions should be done or approved by a licensed electrician.

3. Ceiling Fan Assembly

3.1

Slide a Blade through the Fan Motor Assembly Center Blade Slot.

Mount the Blade to Fan Motor Assembly using Three #10-24 x 11mm Washer Head Blade Screws (supplied) (Figure 1).

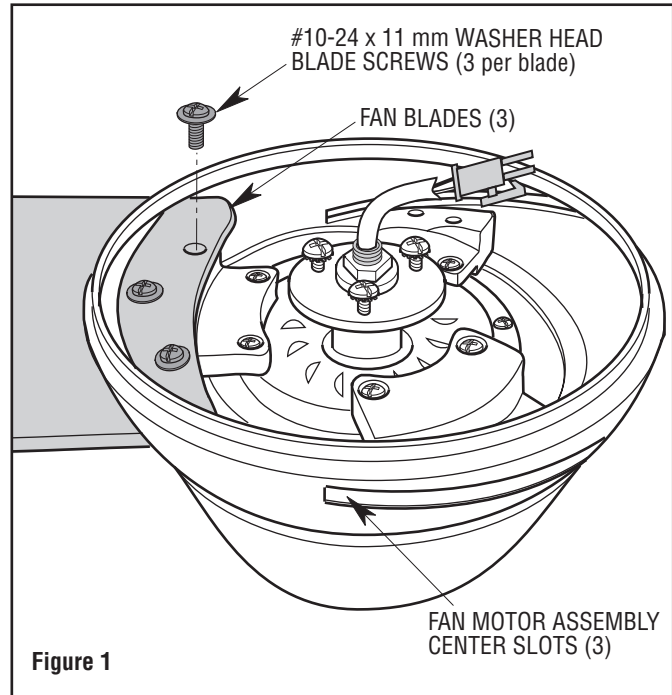
NOTE: Take care not to scratch Fan Motor Assembly when installing Blades.

Complete the installation of the remaining Two Blades per the above instructions.

A spare #10-24 x 11mm Washer Head Blade Screw is supplied in the parts bag, if needed.

WARNING

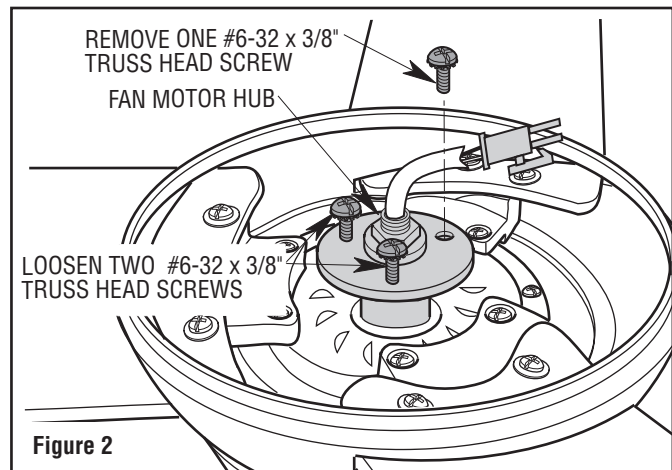
To reduce the risk of personal injury, do not bend the blades during installation, balancing the blades or cleaning the fan. Do not insert foreign objects in between rotating fan blades.



3.2

Remove and retain One of the Three #6-32 x 3/8" Truss Head Screws in the Fan Motor Assembly Hub.

Loosen the remaining Two #6-32 x 3/8" Truss Head Screws (Figure 2).

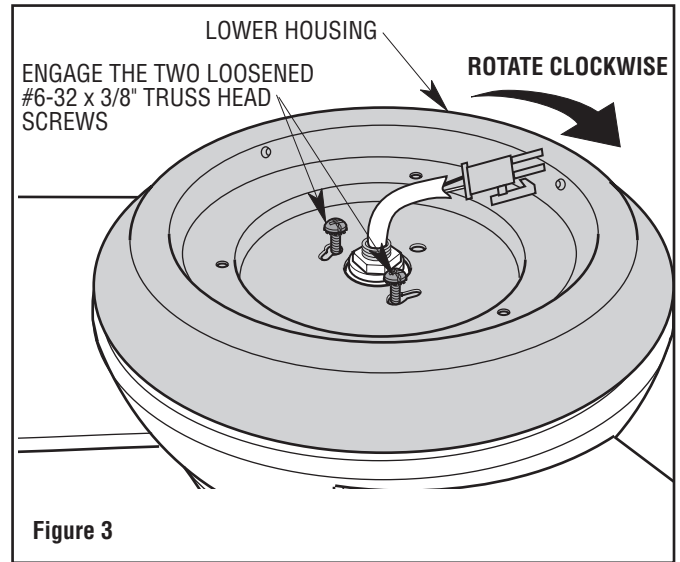


3. Ceiling Fan Assembly (Continued)

3.3

Position the Lower Housing onto the Fan Motor Assembly Hub.

Rotate the Lower Housing Clockwise to engage the Two loosened #6-32 x 3/8" Truss Head Screws with the Lower Housing Key Slots (Figure 3).



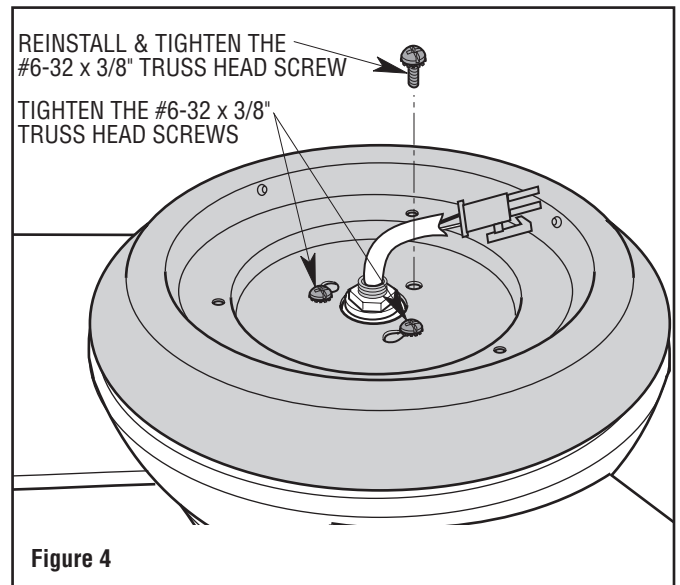
3.4

Reinstall the #6-32 x 3/8" Truss Head Screw that was previously removed (Figure 4).

Secure the Lower Housing by tightening the Three #6-32 x 3/8" Truss Head Screws (Figure 4).

A spare #6-32 x 3/8" Truss Head Screw is supplied in the parts bag, if needed.

NOTE: The LED Light Fixture Assembly will be installed during the Final Assembly, after the Ceiling Fan is Hung and Wired.



3. Ceiling Fan Assembly (Continued)

3.5

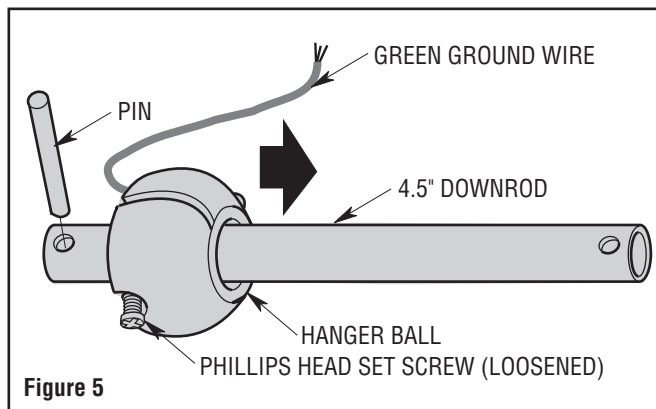
Carefully turn the partially assembled Ceiling Fan right side up and place the Fan securely into the packing styrofoam. Careful not to bend the Blades.

Remove the Hanger Ball by loosening the Phillips Head Set Screw in the Hanger Ball until the Ball falls freely down the 4.5" Downrod (Figure 5).

Remove the Pin from the 4.5" Downrod, then remove the Hanger Ball (Figure 5).

Retain the Pin and Hanger Ball for reinstallation in Step 3.12.

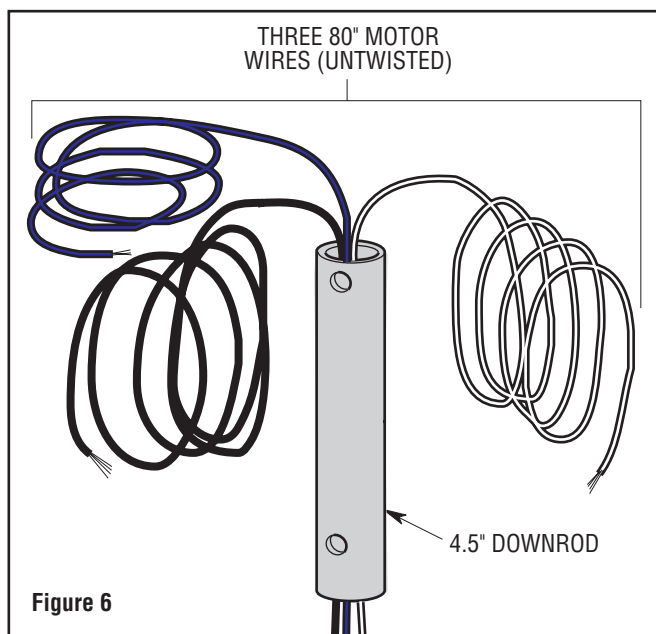
Note: Do not loosen the Screw that attaches the Green Ground Wire to the Hanger Ball.



3.6

Separate, untwist and unkink the Three 80" Motor Wires.

Route the Three 80" Black, Blue, and White Motor Wires through the 4.5" Downrod (Figure 6).

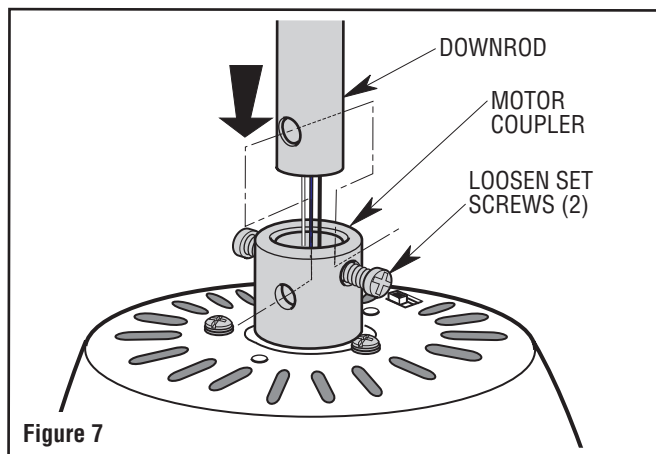


3.7

Loosen the Two Phillips Head Set Screws in the Motor Coupler for installation of the 4.5" Downrod (Figure 7).

Seat the 4.5" Downrod in the Motor Coupler (Figure 7).

Rotate and align the Two Downrod Clevis Pin Holes with the Two Motor Coupler Clevis Pin Holes (Figure 7).



3. Ceiling Fan Assembly (Continued)

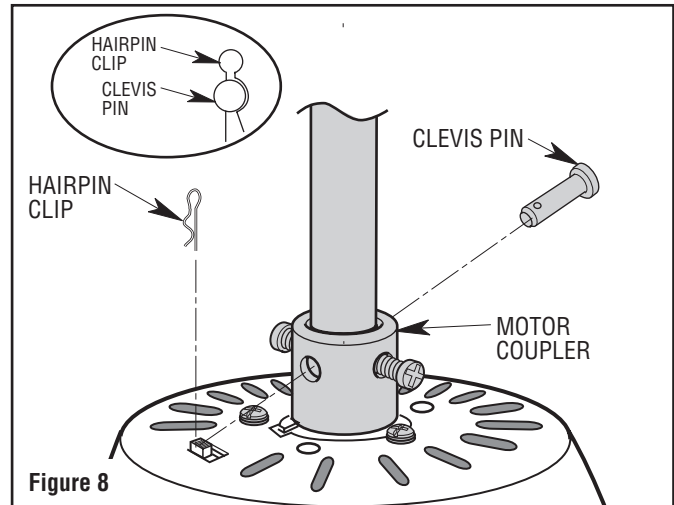
3.8

Install the Clevis Pin and secure with the Hairpin Clip (Figure 8).

The Clevis Pin must go through the Holes in the Motor Coupler and Downrod. It is critical that the Clevis Pin in the Motor Coupler is properly installed and securely tightened.

WARNING

It is critical that the clevis pin in the motor coupler is properly installed. Failure to verify that the pin is properly installed could result in the fan falling.



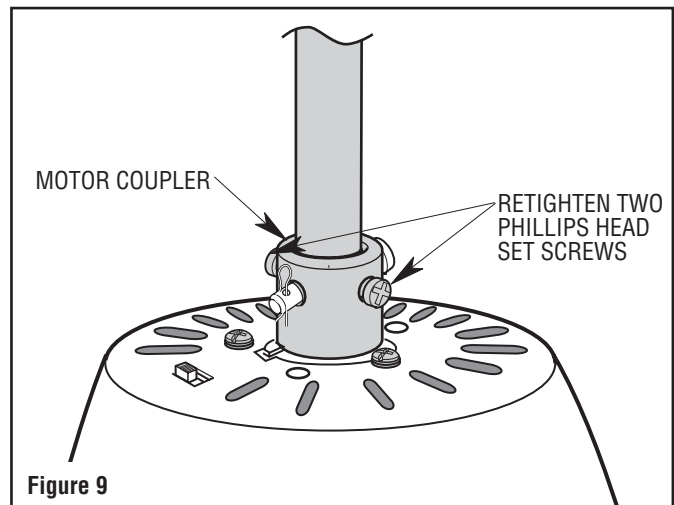
3.9

While pulling up on the 4.5" Downrod, retighten the Two Phillips Head Set Screws to secure the 4.5" Downrod in the Motor Coupler (Figure 9).

NOTE: The Set Screws must be properly installed as described above, or fan wobble could result.

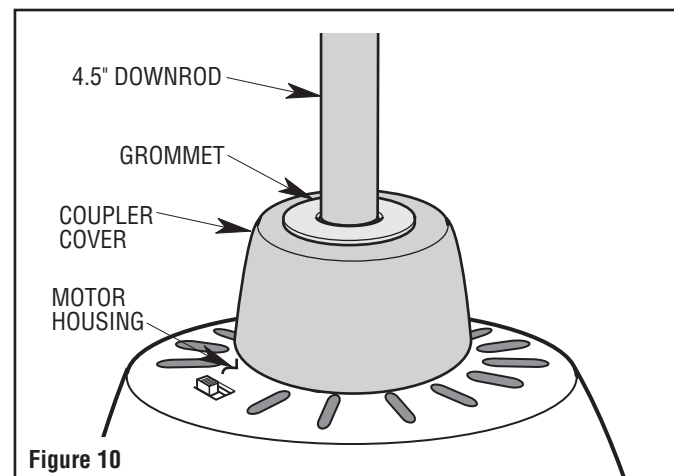
WARNING

It is critical that the set screws in the motor coupler are properly installed and securely tightened. Failure to verify that the set screws are properly installed could result in the fan falling.



3.10

Make sure the Grommet is properly installed in the Coupler Cover, then slide the Coupler Cover on the 4.5" Downrod until it rests on the Motor Housing (Figure 10).



3. Ceiling Fan Assembly (Continued)

3.11

Place the Ceiling Cover over the 4.5" Downrod (Figure 11).

Be sure that the Ceiling Cover and the Coupler Cover are both oriented correctly (Figure 11).

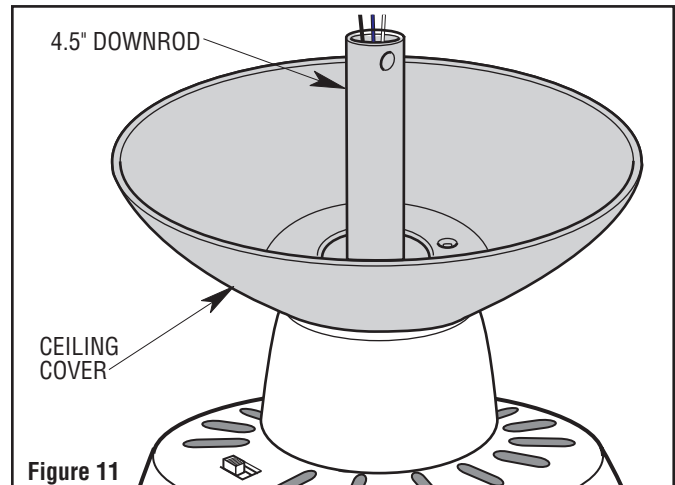


Figure 11

3.12

Route the Three Motor Wires through the Hanger Ball (Figure 12).

Reinstall the Hanger Ball on the 4.5" Downrod as follows:

Position the Pin through the Two Holes in the 4.5" Downrod and align the Hanger Ball so the Pin is captured in the Groove in the top of the Hanger Ball (Figure 12).

Pull the Hanger Ball up tight against the Pin and securely retighten the Phillips Head Set Screw in the Hanger Ball (Figure 12).

A loose Phillips Head Set Screw could create fan wobble.

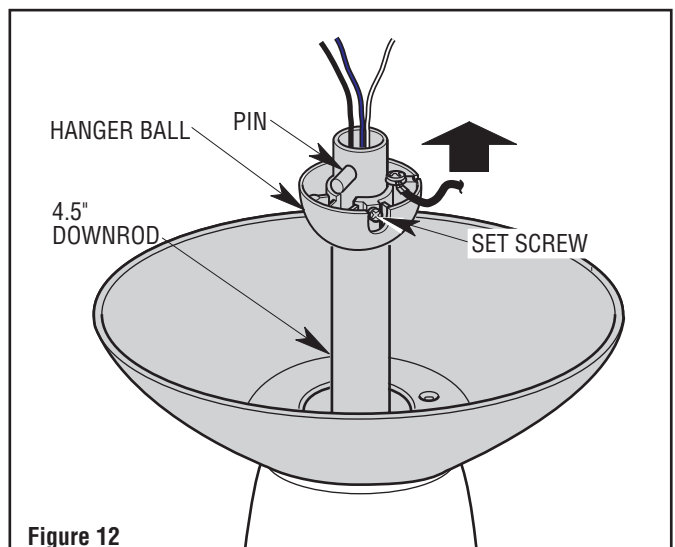


Figure 12

3.13

The Fan comes with Black, Blue and White Wires that are 80-inches long.

Before installing the Fan, measure up approximately 6 to 9-inches above top of Hanger Ball/Downrod Assembly (Figure 13).

Cut off excess Wires and strip back insulation 1/2-inch from end of Wires.

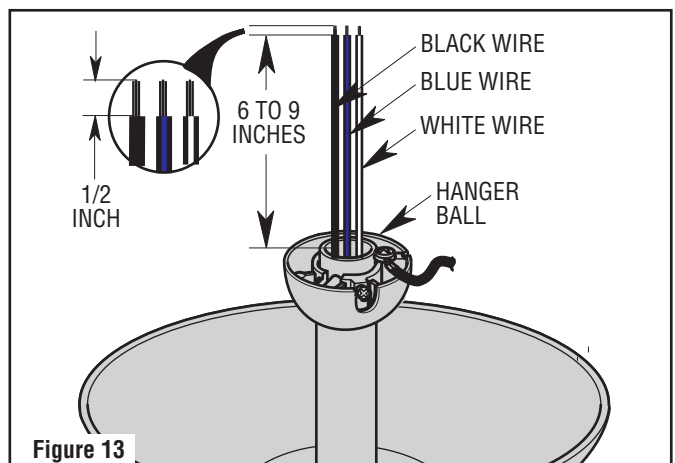


Figure 13

4. How to Hang Your Ceiling Fan

CAUTION

To reduce the risk of injury, install the fan so that the blades are at least 7 ft. (2.1m) above the floor (Figure 14).

WARNING

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

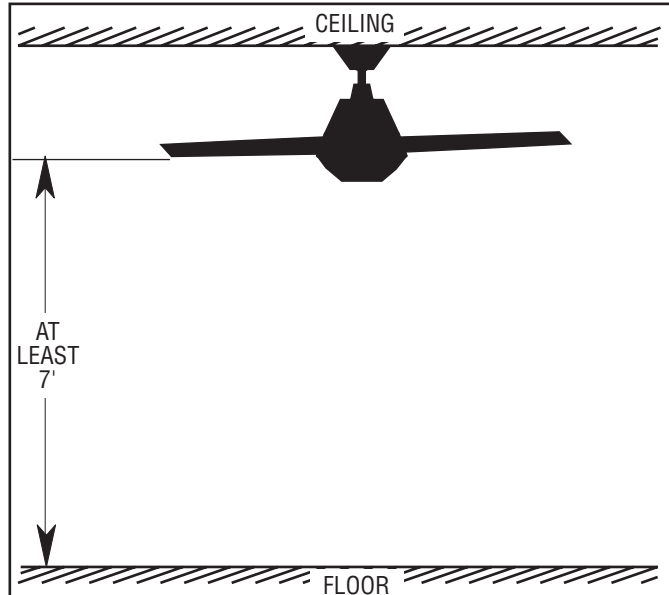


Figure 14

WARNING

The outlet box and joist must be securely mounted and capable of supporting at least 50 lbs. Use only a U.L. outlet box listed as “Acceptable for Fan Support of 22.7 kg. (50 lbs.) or less”.

WARNING

To reduce the risk of fire, electric shock, or personal injury, mount fan to outlet box marked “Acceptable for Fan Support of 22.7 kg. (50 lbs.) or less”, and use screws supplied with outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

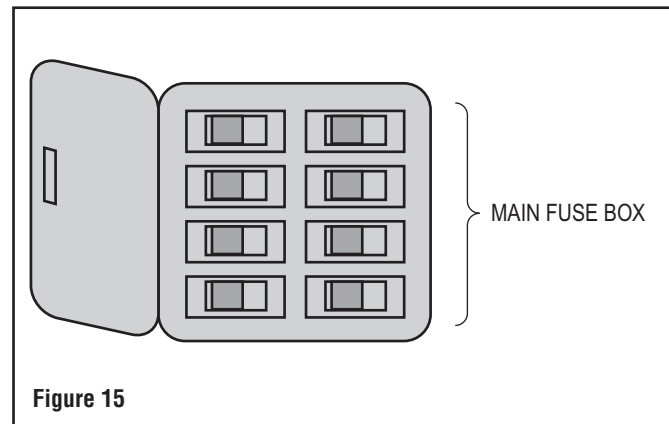


Figure 15

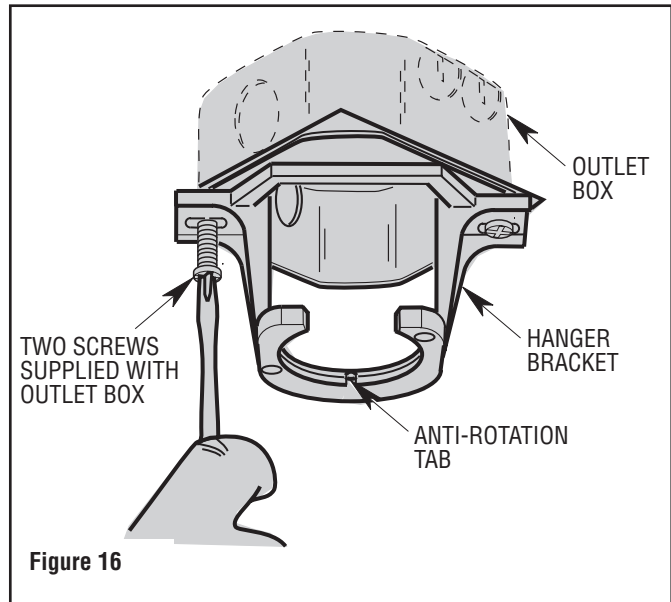
4.1

Disconnect Electrical Power to the Branch Circuit at the Circuit Breaker or Fuse Box before attempting to install the Ceiling Fan Hanger Bracket on the Outlet Box (Figure 15).

4. How to Hang Your Ceiling Fan (Continued)

4.2

Securely attach the Hanger Bracket to the Outlet Box using the Two Screws supplied with the Outlet Box (Figure 16).



4.3

Carefully lift the Fan and seat the Hanger Ball/Downrod Assembly on the Hanger Bracket that was just attached to the Outlet Box (Figure 17).

Be sure the Groove in the Ball is engaged with the Anti-Rotation Tab on the Hanger Bracket (Figure 17).

WARNING

Failure to seat tab in groove could cause damage to electrical wires and possible shock or fire hazard.

WARNING

To avoid possible fire or shock, do not pinch wires between the hanger ball/downrod assembly and hanger bracket.

NOTE: CEILING COVER, SUPPLY WIRES AND FAN WIRES OMITTED FOR CLARITY.

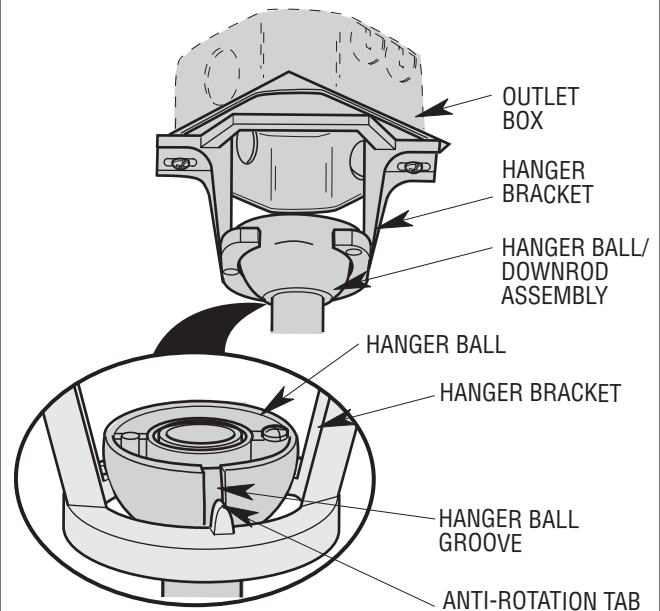


Figure 17

5. How to Wire Your Ceiling Fan

If you feel that you do not have enough electrical wiring knowledge or experience, have your fan installed by a licensed electrician.

WARNING

To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring.

NOTE: If you are not sure if the outlet box is grounded, contact a licensed electrician for advice, as it must be grounded for safe operation.

WARNING

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

5.1

CAUTION: To reduce the risk of electrical shock, disconnect the electrical supply circuit before installing the fan, light kit or receiver.

Disconnect Electrical Power to the Branch Circuit at the Circuit Breaker or Fuse Box before attempting to Wire the Ceiling Fan.

5.2

Locate the Electronic Receiver and insert its Antenna Wire into the opening of the Hanger Bracket above the Hanger Ball. Continue to insert the body of the Receiver (flat side facing up) into the opening, orient as shown. Be careful not to pinch any Wires between the Receiver body and the Bracket or Ball (Figure 18).

WARNING

To avoid possible fire or shock, do not pinch the antenna wire between the hanger bracket and the receiver.

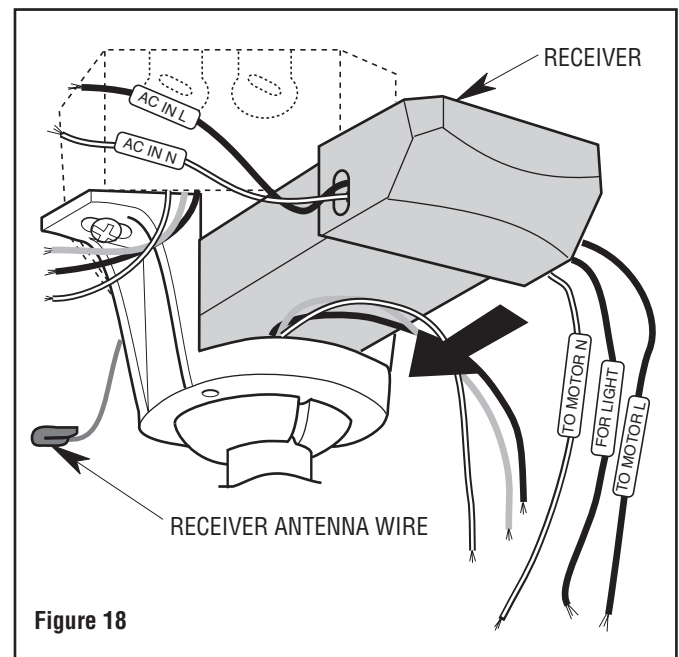


Figure 18

5. How to Wire Your Ceiling Fan (Continued)

5.3

NOTE: Make all wiring connections using the wire connectors supplied in the parts bag and the receiver hardware bag. Make sure that all connections are tight, including ground, and that no bare wire is visible at the wire connectors, except for the supply circuit ground wire.

Connect the Hanger Ball Green Grounding Wire and the Hanger Bracket Green Grounding Wire to the Supply Grounding Conductor (this may be a bare wire or wire with Green Colored insulation).

Securely connect Wires with 12 ga. Wire Connector (supplied in parts bag) (Figure 19).

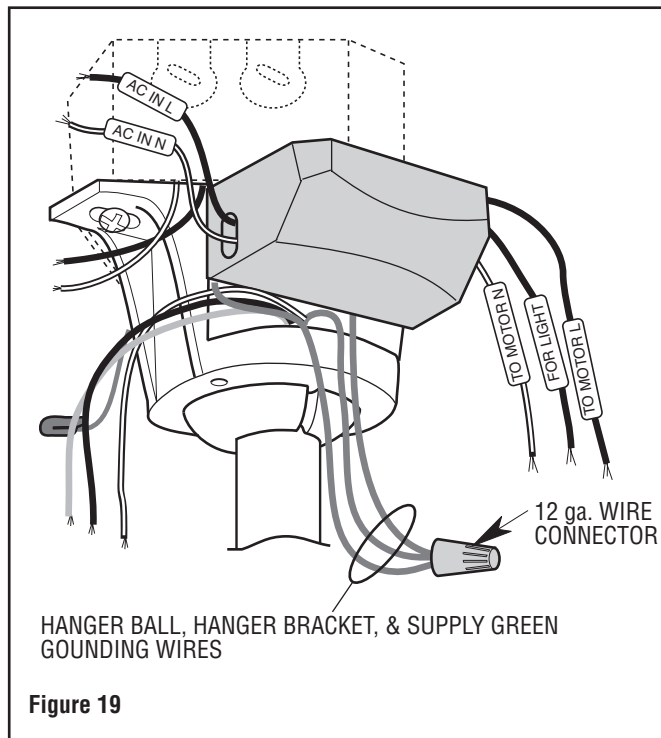


Figure 19

5.4

Securely connect the Receiver White Wire (AC IN N) to the Supply White Wire (neutral) using the 12 ga. Wire Connector (supplied in parts bag) (Figure 20).

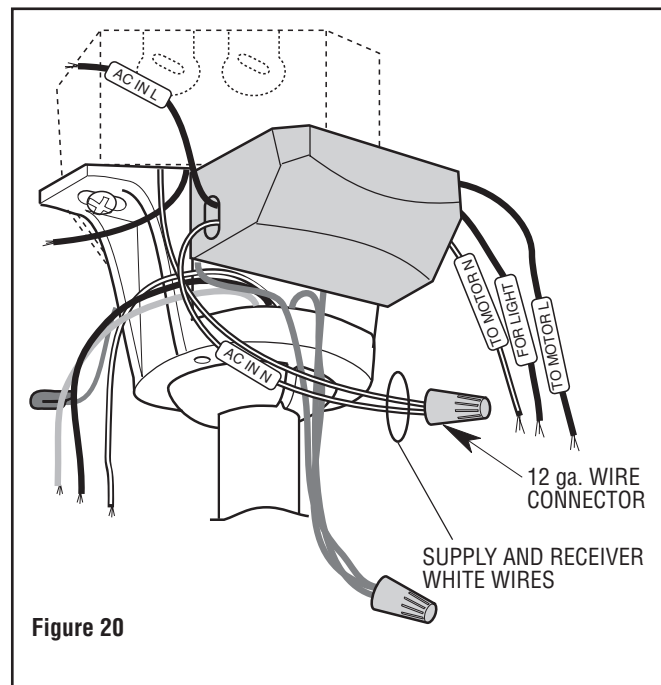


Figure 20

5. How to Wire Your Ceiling Fan (Continued)

5.5

Securely connect the Receiver Black Wire (AC IN L) to the Supply Black Wire (hot) using the 12 ga. Wire Connector (supplied in parts bag) (Figure 21).

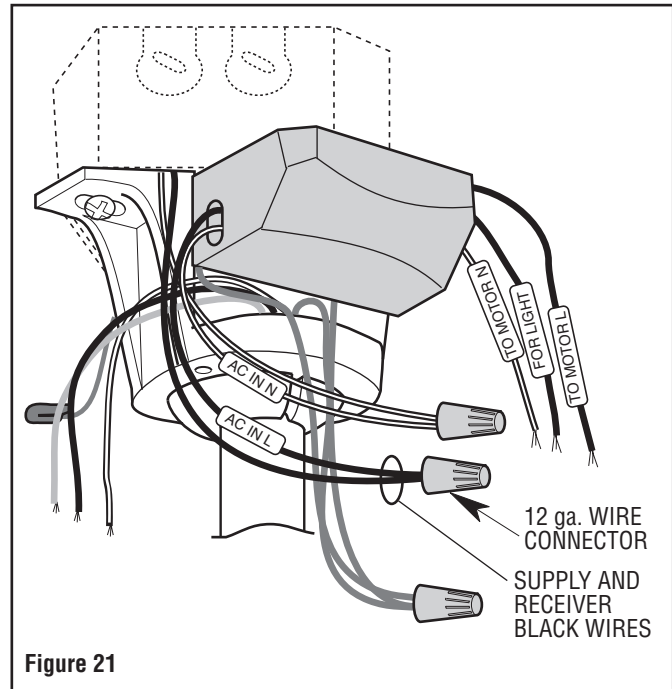


Figure 21

5.6

Securely connect the Receiver White Wire (TO MOTOR N) to the Fan Motor White Wire using the 18 ga. Wire Connector (supplied with receiver) (Figure 22).

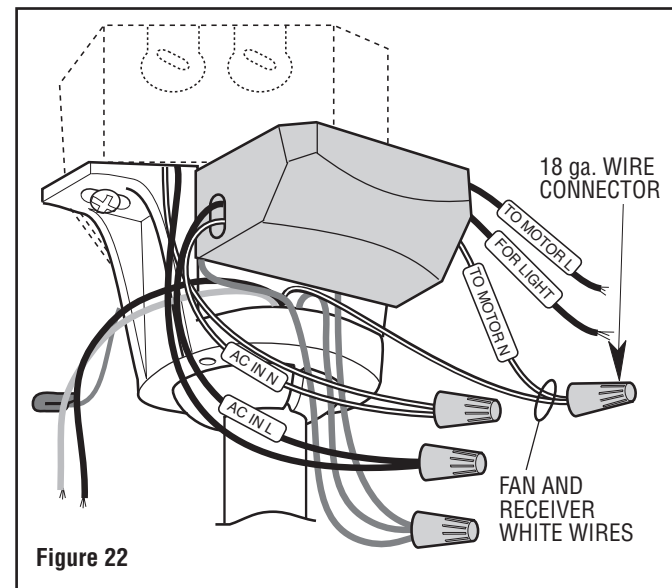
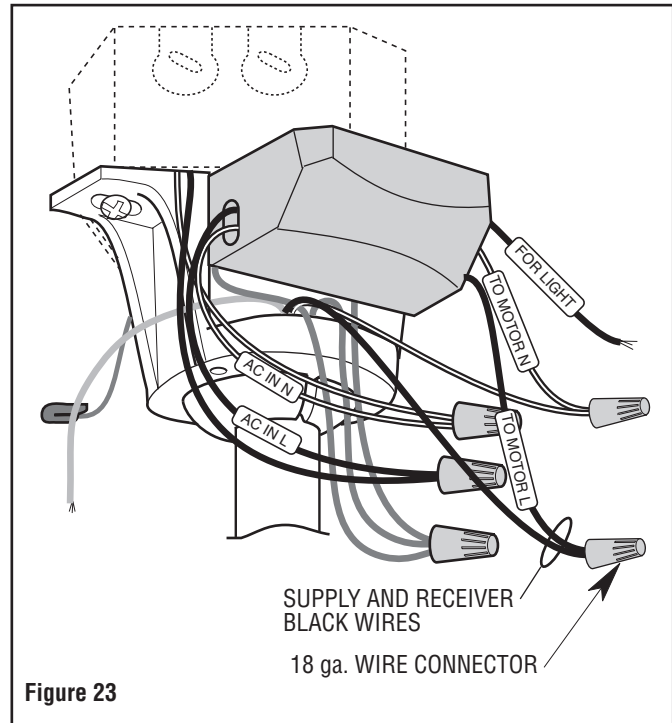


Figure 22

5. How to Wire Your Ceiling Fan (Continued)

5.7

Securely connect the Receiver Black Wire (TO MOTOR L) to the Fan Motor Black Wire using the 18 ga. Wire Connector (supplied with receiver) (Figure 23).



5.8

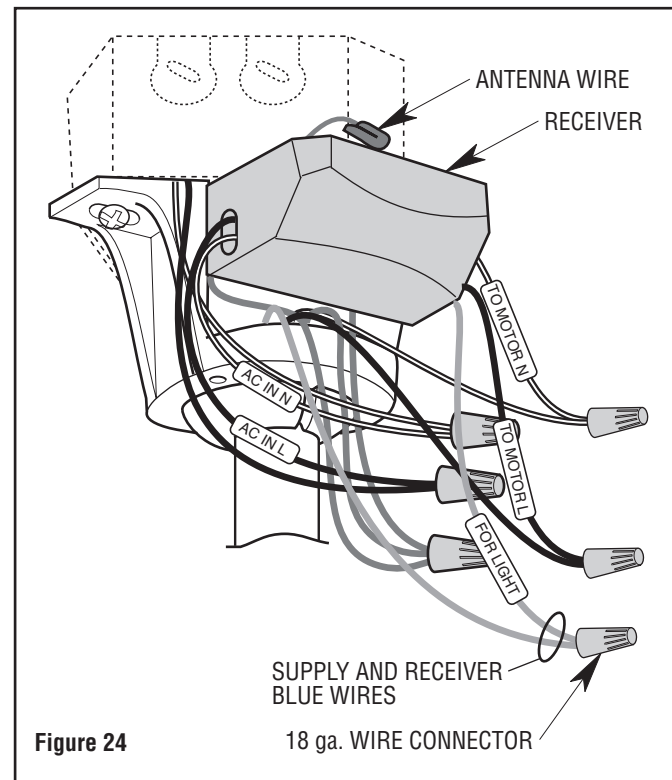
Securely connect the Receiver Blue Wire (TO LIGHT) to the Fan Motor Blue Wire using the 18 ga. Wire Connector (supplied with receiver) (Figure 24).

Position the Antenna Wire on top of the Receiver. Slide the Receiver completely onto the Hanger Ball, nestled in the Hanger Bracket (Figure 24).

WARNING

Check to see that all connections are tight, including ground, and that no bare wire is visible at the wire connectors, except for the supply circuit ground wire. Do not operate fan until blades are in place. Noise and fan damage could result.

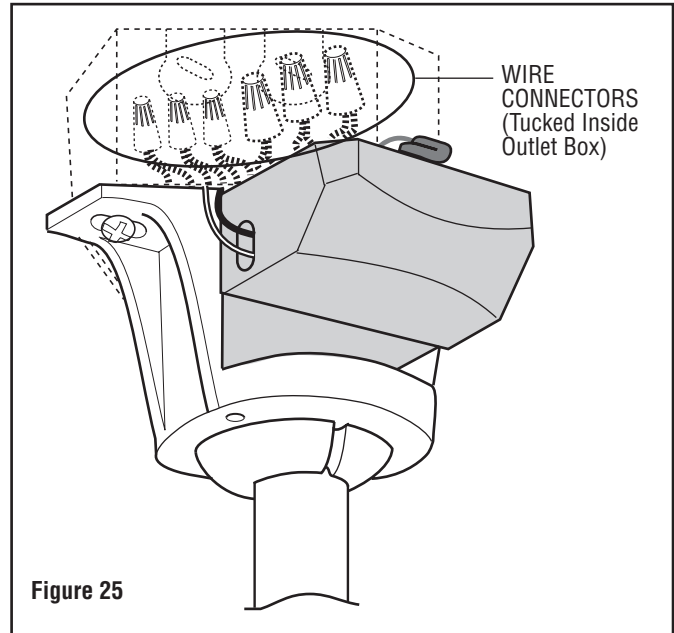
NOTE: Failure to properly connect the Receiver Wires will damage the device and render it non-operable.



5. How to Wire Your Ceiling Fan (Continued)

5.9

While inserting the Receiver fully into the Hanger Bracket, turn Wires upward and carefully push Wires into the Outlet Box, with the White and Green Wires on one side of the Outlet Box and position the Black and Blue Wires on the other side of the Outlet Box (Figure 25).



5.10

Wiring Schematic for reference (Figure 26).

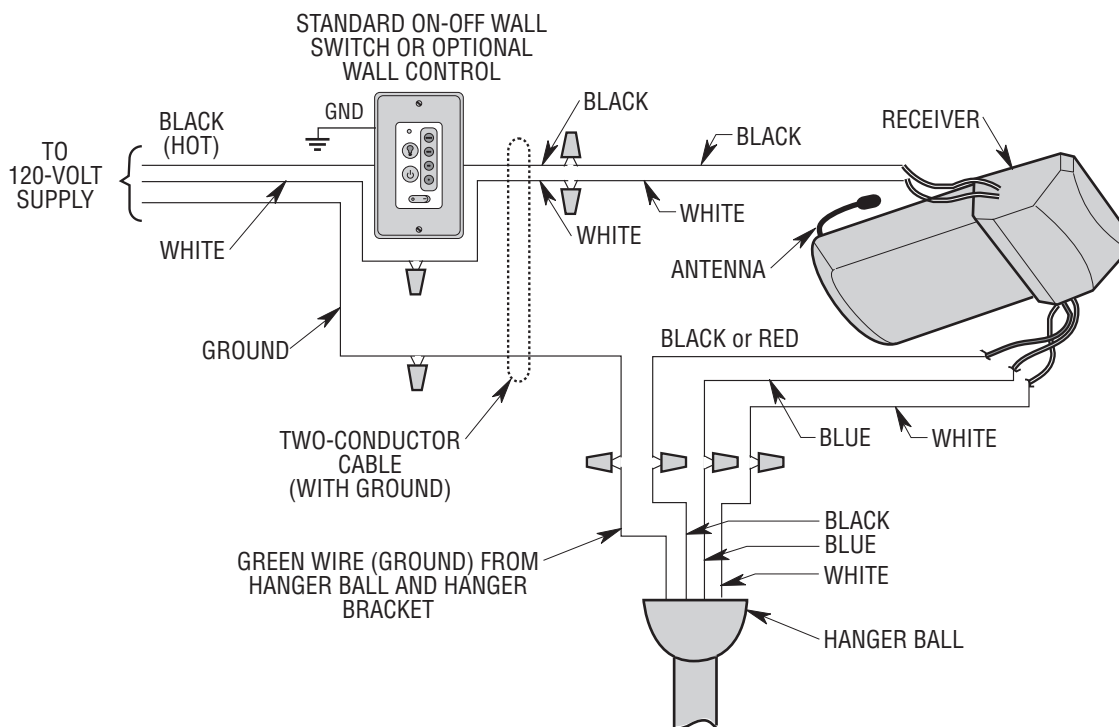
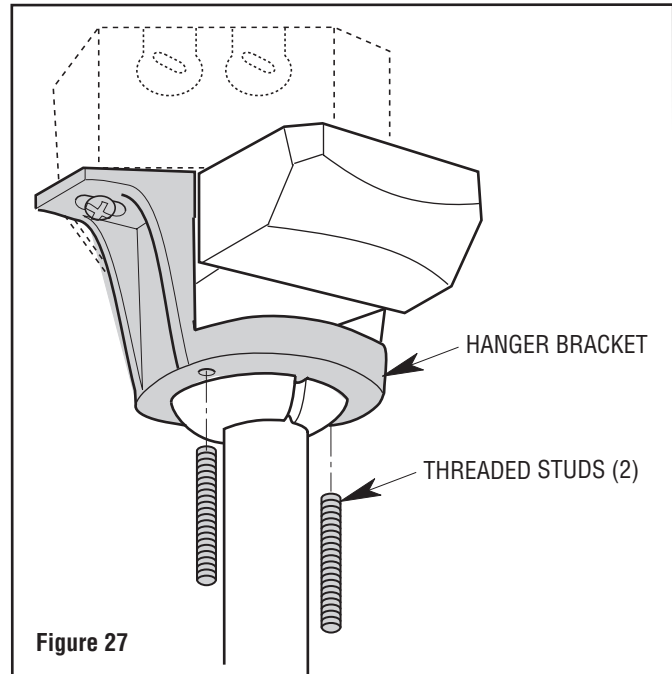


Figure 26

6. Final Assembly

6.1

Screw the 1-1/4" Threaded Studs into the Threaded Holes on the bottom of the Hanger Bracket with your fingers (Figure 27).



6.2

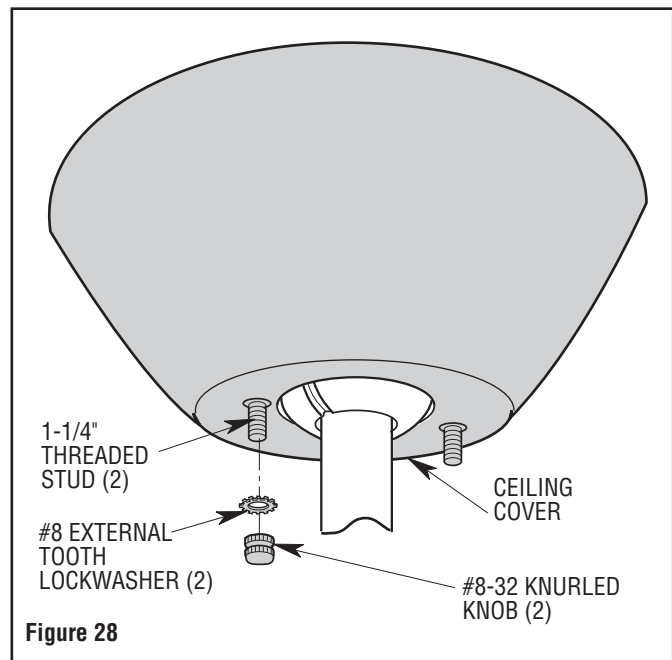
Lift the Ceiling Cover up to the Threaded Studs and turn until Studs protrude through the Ceiling Cover Holes (Figure 28).

Secure the Ceiling Cover in place by sliding a Lockwasher over each of the Threaded Studs and installing the two Knurled Knobs (supplied) (Figure 28).

Tighten the Knurled Knobs securely until the Ceiling Cover fits snugly against the ceiling and the hole in the Ceiling Cover is clear of the Downrod.

WARNING

To avoid possible fire or shock, make sure that the electrical wires are completely inside the outlet box and not pinched between the ceiling cover and the ceiling.

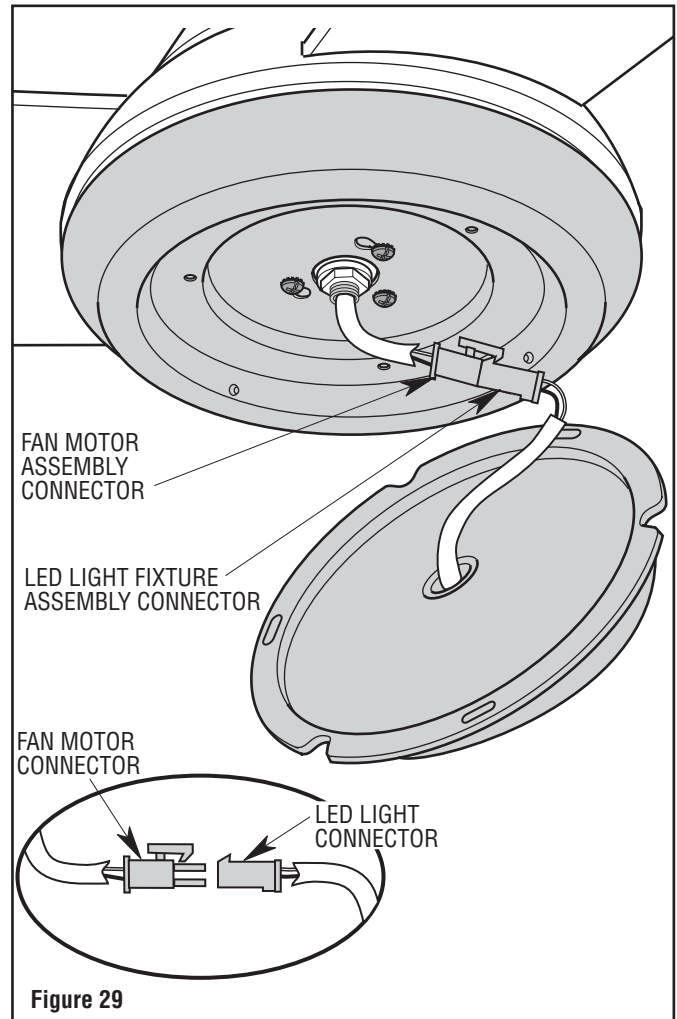


6. Final Assembly (Continued)

6.3

Engage the Fan Motor 2-Pin Wire Connector into the 2-pin Wire Connector of the LED Light Fixture Assembly (Figure 29).

The connection is complete when you hear a soft click.



6. Final Assembly (Continued)

6.4

Carefully tuck all the Wires and Connectors into the Lower Housing.

Position the LED Light Fixture Assembly onto the Lower Housing, aligning the Three Holes.

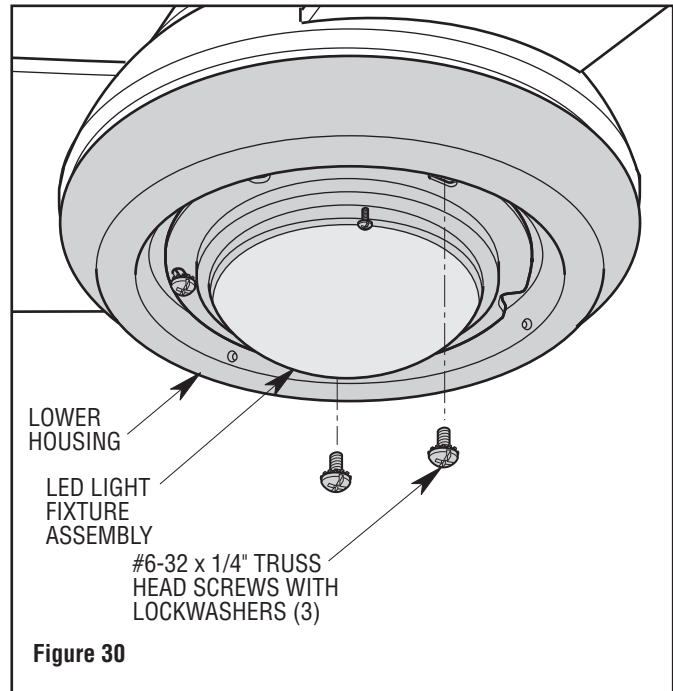
NOTE: Verify that the wires and connectors are not trapped between the LED light fixture assembly and the lower housing.

Install and tighten the Three #6-32 x 1/4" Pan Head Screws with Lockwashers (supplied) to complete the installation of the LED Light Fixture Assembly (Figure 30).

A spare #6-32 x 1/4" Truss Head Screw with Lockwasher is supplied in parts bag, if needed.

WARNING

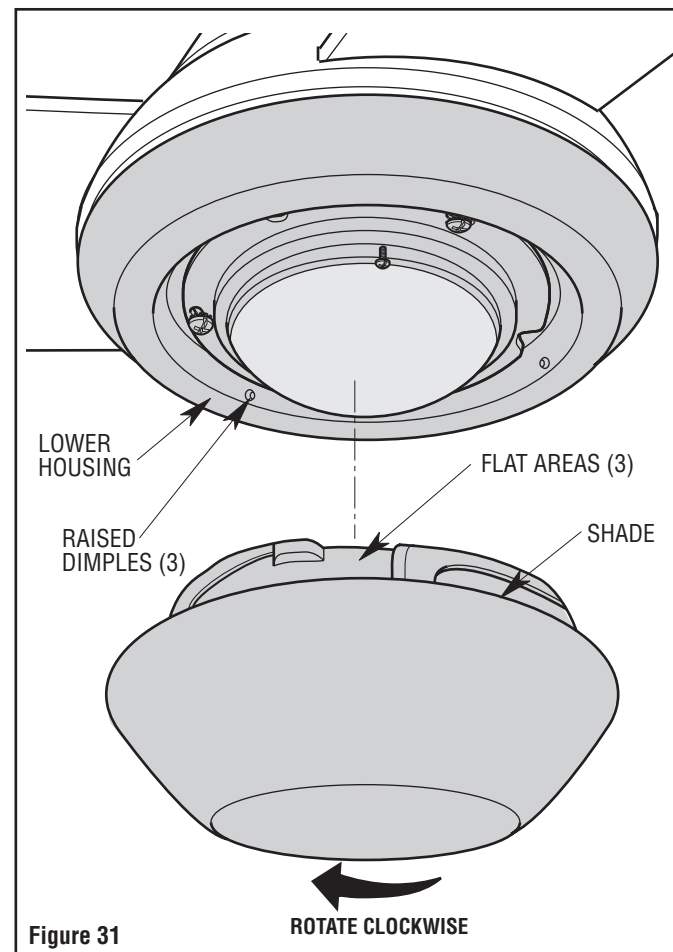
To avoid possible fire or shock, do not pinch wires between the lower housing and the LED light fixture assembly.



6.5

Place the Shade into the opening in the Lower Housing, aligning the Three Flat Areas on the top edge of the Shade with the Lower Housing Three Raised Dimples and turn the Shade Clockwise until it stops (Figure 31).

NOTE: Periodically check that the Shade is seated fully clockwise in the Lower Housing.



7. Wall Control Procedures

7.1

Your Ceiling Fan/Light Control consists of Wall Mounted Transmitter and a Receiver located inside the Ceiling Cover. The Control is designed to remotely operate your Ceiling Fan speed, light intensity and direction of rotation.

Code Switches in the Transmitter may be set in 32 different positions. If your Fan and Light turn ON and OFF without using your Control, you may be getting interference from other remote units such as garage door openers, car alarms or security systems. To remedy this situations, simply change the Code Switches in your Transmitter per the instructions of Section 7.2.

7.2

Your Wall Control has Code Switches which must be set in one of 32 possible code combinations (Figure 32). The Five Levers (numbered 1, 2, 3, 4, and 5) on the Switches are factory-set in the ON (up) position. Change the Switch settings as follows:

NOTE: Do not duplicate the code of an existing control of an installed ceiling fan within 100 feet.

Slide the Five Switch Levers in the Wall Control to your choice of ON (up) or down positions. Use a ball-point pen or small screwdriver and slide the Levers firmly up or down.

The Sixth Switch marked **ON** and **I** is for Dimming Control of Lights: Set Switch to **ON** to allow for Dimming of the Lights. Set Switch to **I** for No Dimming of the Lights.

When the power is restored after installation, push and hold the Fan OFF button (⏻) for 3 to 5 seconds to set the code in the Receiver.

When the Switch is turned back ON, the Light and Fan will resume operation as they were prior to the Switch being turned OFF.

Preset Memory Feature: Your Ceiling Fan/Light Control is equipped with a preset memory feature. When the electricity supply to the Fan is switched OFF, the Control will remember the Light Intensity and Fan Speed.

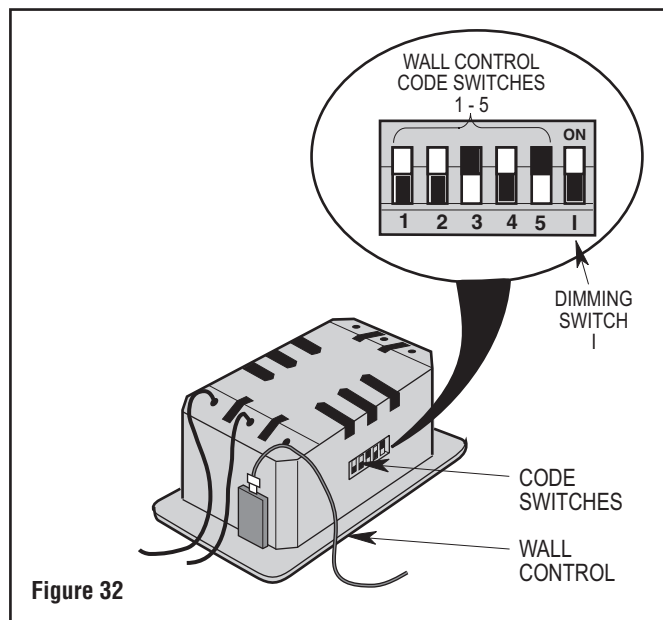


Figure 32

8. Wall Control Installation

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.

CAUTION

To reduce the risk of electrical shock, disconnect the electrical supply circuit before installing the fan, light kit or receiver.

NOTE: Make all wiring connections using Wire Connectors (supplied). Make sure that all connections are tight, including ground, and that no bare wire is visible at the wire connectors, except for the ground wire.

8.1

Disconnect Electrical Power to the Branch Circuit at the Circuit Breaker or Fuse Box before attempting to install the Ceiling Fan Wall Control into the Wall Box.

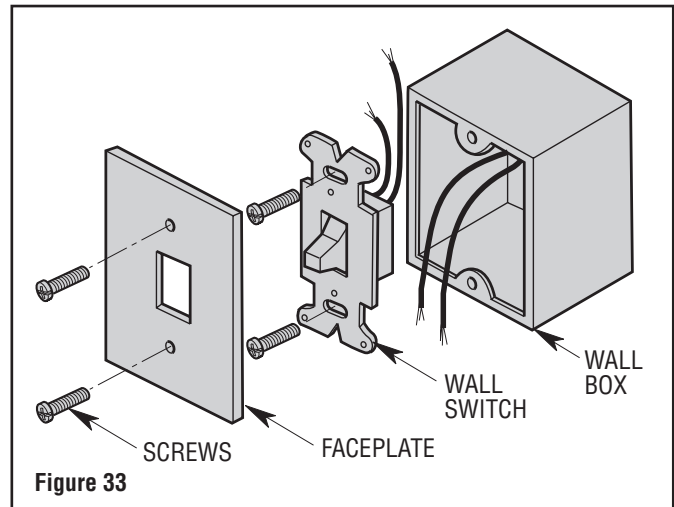
8.2

NOTE: Electric connections should be in accordance with the National Electrical Codes and all Local Codes. Before starting, disconnect power to the circuit at the fuse box or circuit breaker panel.

Remove the Faceplate and Screws from the Existing Wall Switch. Pull Switch out from Wall Box (Figure 33).

Determine the “HOT” Wire and the “LOAD” Wire and disconnect these Wires from existing Control.

NOTE: Do not attempt to disconnect any Wires not already connected to Existing Control.



8. Wall Control Installation (Continued)

Skip to Section 8.4 if Using a 3-way Switch Installation.

SINGLE-POLE INSTALLATION



(One Fan Controlled by One Wall Control)
(See Figure 34).

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.

8.3

Disconnect Electrical Power to the Branch Circuit at the Circuit Breaker or Fuse Box before attempting to install the Ceiling Fan Wall Control into the Wall Box.

Before installing Wall Control, place Wall Control in "OFF" mode by pushing "ON/OFF" Switch () to the "OFF" () position.

WARNING

Do not connect any neutral (white) wire to this control. Incorrect wiring will damage this control.

Connect the Wall Control Black Wire labeled "TO POWER SUPPLY" to the "HOT" 120V AC Supply Source Wire. Securely connect Wires with Wire Connector, supplied (Figure 34).

Connect the Wall Control Black Wire labeled "TO FAN" to the "LOAD" Black Wire in Wall Box. Securely connect Wires with Wire Connector, supplied (Figure 34).

Connect the Wall Control Green Ground Wire to the Supply Ground Conductor (this may be a Bare Copper Wire or Wire with Green Colored Insulation). Securely connect Wires with Wire Connector, supplied (Figure 34).

WARNING

Check to see that all connections are tight and that no bare wires are visible at the wire connectors.

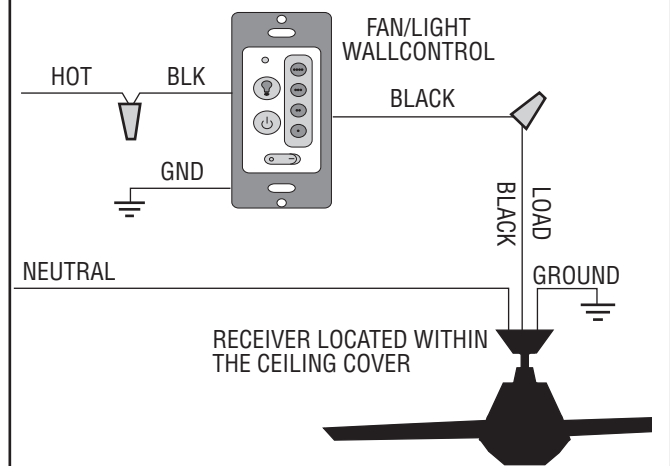
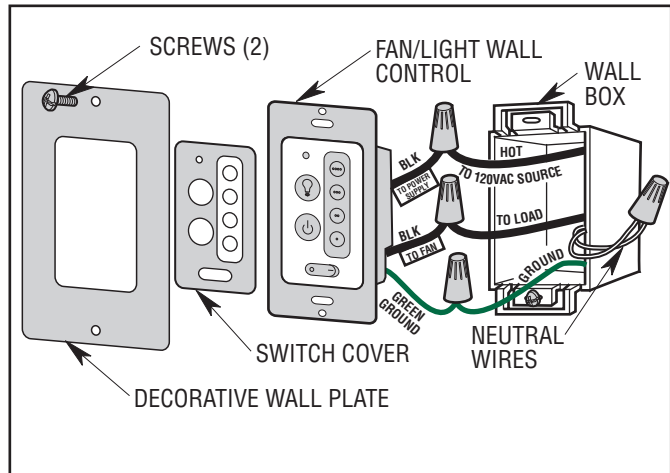


Figure 34

Screw Wall Control into Wall Box using the supplied Screws. Leave Wall Control in "OFF" mode until Fan installation is completed.

The Wall Control is supplied with a White, Ivory, and Almond color Switch Covers. Choose the finish that best suits your needs and snap the Cover onto the Wall Control (Figure 34).

Install Decorative Wall Plate using the two Screws supplied with Wall Plate. Leave the Wall Control in "OFF" mode until Fan installation is completed (Figure 34).

8. Wall Control Installation (Continued)

3-WAY INSTALLATION

(One Fan Controlled by Two Different Wall Controls)
(See Figures 35 and 36).

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.

WARNING

Do not connect any neutral (white) wire to this control. Incorrect wiring will damage this control.



8.4

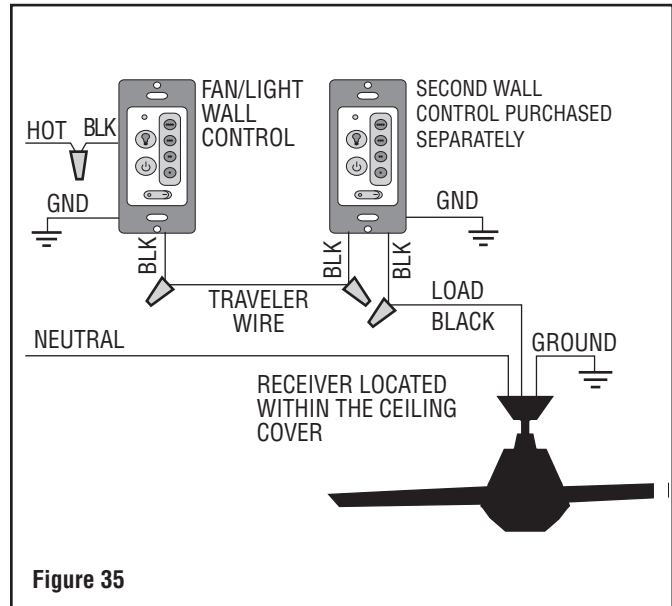
Disconnect Electrical Power to the Branch Circuit at the Circuit Breaker or Fuse Box before attempting to install the Ceiling Fan Wall Control into the Wall Box.

At All Wall Box locations remove Faceplates and Screws from Existing Controls. Pull Controls out from Wall Boxes and determine which Wall Box contains the "HOT" Wire and which Wall Box contains the "LOAD" Wire. Also, identify Traveler Wires which are common to both Wall Boxes. Disconnect Wires from Existing Controls only.

NOTE: Do not attempt to disconnect any Wires not already connected to Existing Controls.

NOTE: Make all wiring connections using wire connectors (supplied). Make sure that all connections are tight, including ground, and that no bare wire is visible at the wire connectors, except for the ground wire.

Before installing the First Wall Control, place the Wall Control in "OFF" mode by pushing "ON/OFF" Switch () to the "OFF" () position.



Install the First Wall Control in the Wall Box containing the "HOT" Wire.

Connect the First Wall Control Black Wire labeled "TO POWER SUPPLY" to the "HOT" 120V AC Supply Source Wire. Securely connect the Wires with Wire Connector, supplied (Figure 35).

Connect the First Wall Control Black Wire labeled "TO FAN" to both Traveler Wire(s) in the Wall Box and secure with Wire Connector, supplied (Figure 35).

Connect the First Wall Control Green Ground Wire to the Supply Ground Conductor (this may be a bare wire or wire with Green Colored insulation). Securely connect Wires with Wire Connector, supplied (Figure 35).



WARNING

Check to see that all connections are tight and that no bare wires are visible at the wire connectors.

8. Wall Control Installation (Continued)

8.5

Disconnect Electrical Power to the Branch Circuit at the Circuit Breaker or Fuse Box before attempting to install the Ceiling Fan Wall Control into the Wall Box.

Before installing the Second Wall Control, place the Wall Control in “OFF” mode by pushing “ON/OFF” Switch () to the “OFF” () position.

Install the Second Wall Control (purchased separately) into the Wall Box containing the “LOAD” Wire.

Connect the Second Wall Control Black Wire labeled “TO POWER SUPPLY” to the Traveler Wire(s) already connected to the Black Wire (in the other wall box). Secure with Wire Connectors, supplied (Figure 36).

Connect Second Wall Control Black Wire labeled “TO FAN” to the “LOAD” (Black) Wire and secure with Wire Connector, supplied (Figure 36).

Connect the Second Wall Control Green Ground Wire to the Supply Ground Conductor (this may be a bare wire or wire with Green Colored insulation). Securely connect Wires with Wire Connector, supplied (Figure 36).

Screw the Second Wall Control onto the Wall Box using the supplied Screws. Leave the Wall Control in “OFF” mode until Fan installation is completed.

NOTE: Retrofit 3-way installations are likely to include two traveler wires between the two wall boxes. In new construction, only one traveler wire is required (See Figure 36).



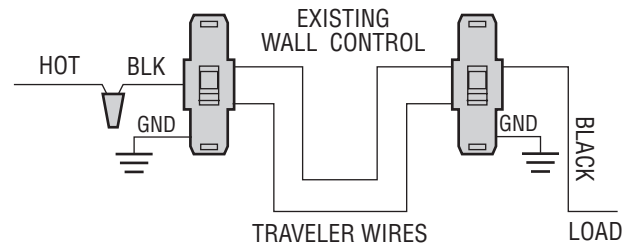
WARNING

Check to see that all connections are tight and that no bare wires are visible at the wire connectors.

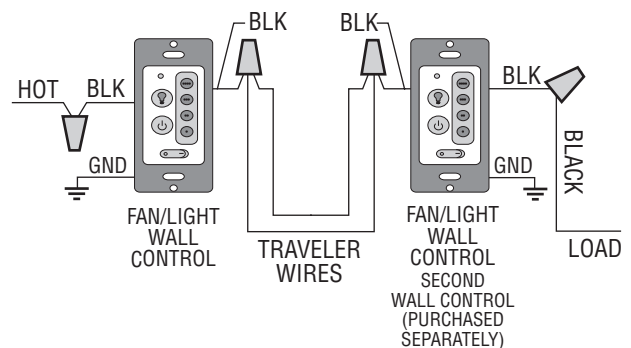
All Wall Controls are supplied with a White, Ivory, and Almond color Switch Covers. Choose the finish that best suits your needs and snap the Covers onto the Wall Controls (Figure 36).

Install Decorative Wall Plates using the two Screws provided with each Wall Plate. Leave the Wall Control in “OFF” mode until Fan installation is completed (Figure 36).

STANDARD WIRING FOR EXISTING 3-WAY CONTROLS



3-WAY WIRING DIAGRAM: RETROFIT



ALL WALL CONTROLS

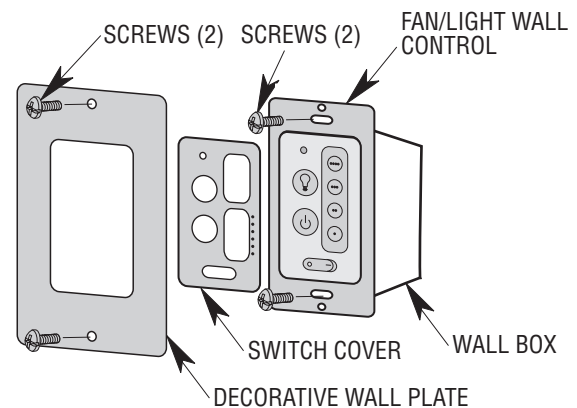




Figure 36

9. Programming the Receiver Operating Frequency


PROGRAMMING THE RECEIVER OPERATING FREQUENCY

9.1

Turn the Wall Control ON/OFF Switch () to the "OFF" () position.

Restore Electricity to the Ceiling Fan Branch Circuit at the Circuit Breaker or Fuse Box.

Flip the Wall Control's ON/OFF Switch to "ON" () position.

Within one minute of flipping the Switch to "ON", push and hold the FAN POWER OFF Button () for 3 to 5 seconds to set the Code in the Receiver. The Ceiling Fan Lights (if installed) will blink to indicate the Wall Control Code has been paired with the Receiver.

9.2

If programming is unsuccessful, retry the previous instructions after cycling the Wall Control ON/OFF Switch to restart the 1 minute programming time period.

9.3

If still unsuccessful, shut off the Electricity at the Fuse Box or Breaker Panel and change the Wall Control Frequency (page 20). After changing the Frequency Settings, repeat instruction 9.1 of this section within one minute of restoring the electricity.



10. Wall Control Operation


WARNING

Fan installation must be completed, including the installation of the fan blades, before testing the fan control.

Your Wall Control has full control of your Ceiling Fan and Light (Figure 37).





10.1


Flip the Wall Control ON/OFF Switch () to the "OFF" () position. Power will be turned OFF to the Fan and Light.

Flip the Wall Control ON/OFF Switch to the "ON" () position. Power will be restored to the Fan and Light.

NOTE: When the switch is turned back ON the light and fan will resume operation as they were prior to the switch being turned OFF.

To turn the Ceiling Fan OFF: Press and release the FAN POWER OFF () Button.

To set the desired Fan Speed: Press One of the Four Buttons (, , , ) to operate your Fan from Low to High Speeds.

To turn the Light ON and OFF: Press and release the LIGHT () Button. The Light will turn ON at the Light Intensity previously selected.

To set the Light Intensity: Press and hold the LIGHT () Button.

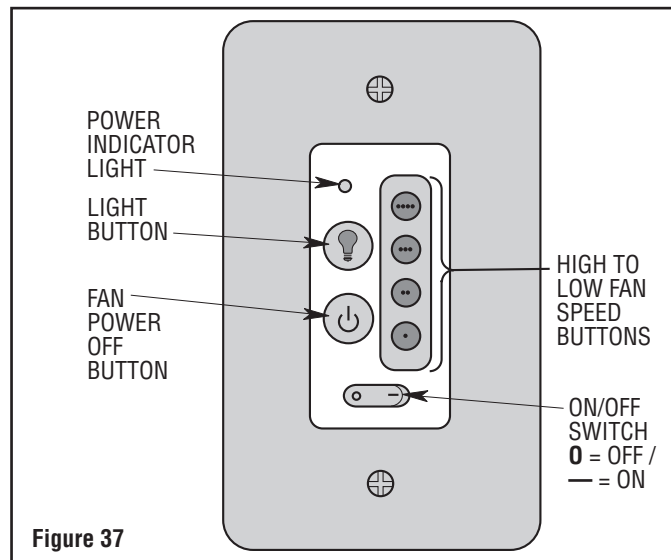


Figure 37

NOTE:

During Summer Months: run the Fan Counter-Clockwise, as you look up at it, to direct airflow downward.

During the Winter Months: run the Fan Clockwise, as you look up at it, to direct airflow upward.

NOTE: For 3-way Installation: BOTH wall controls ON/OFF switch must be in the "ON" position for either control to function. With both wall controls "ON", the fan and light can be operated as described from either wall control.

NOTE: If your fan and light go ON and OFF without using your control, you may be getting interference from other remote units such as garage door openers, car alarms or security systems. To remedy this situations, simply change the transmitter code per 7.2 Section.

11. Using Your Ceiling Fan

11.1

Restore Electrical Power to the Outlet Box by turning the Electricity on at the Main Fuse Box.

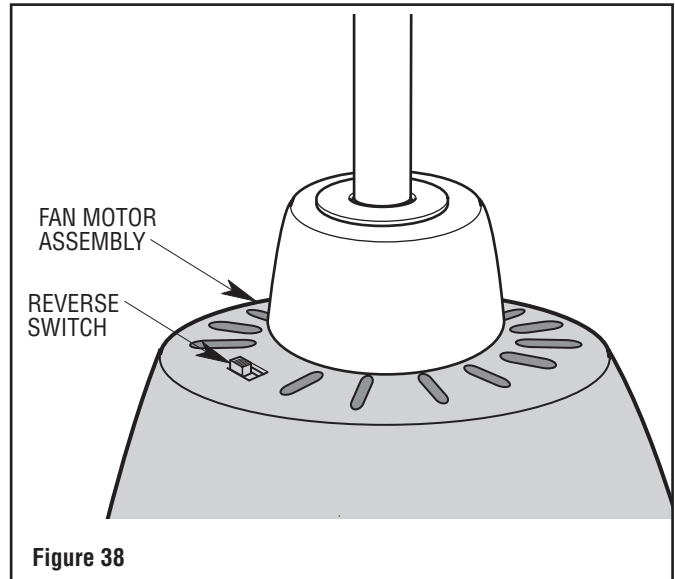
During Summer Months, run the Fan Counter-Clockwise, as you look up at it, to direct airflow downward.

During the Winter Months, run the Fan Clockwise, as you look up at it, to direct airflow upward.

If airflow is desired in the opposite direction, turn the Ceiling Fan off and wait for the Blades to stop turning.

Slide the Reverse Switch (located on top of the Fan Motor Assembly) to the opposite position, and turn the Ceiling Fan on again (Figure 38).

The Fan Blades will turn in the opposite direction and reverse the airflow.



Reverse Switch Information

Season	Blade Rotation Direction
Summer	Counter-Clockwise
Winter	Clockwise

12. Maintenance

IMPORTANT CARE INSTRUCTIONS for your Ceiling Fan

Periodic cleaning of your new ceiling fan is the only maintenance that is needed.

When cleaning, use only a soft brush or lint free cloth to avoid scratching the finish.

Abrasive cleaning agents are not required and should be avoided to prevent damage to finish.



⚠ WARNING

Do not use water when cleaning your ceiling fan. It could damage the motor or the blades and create the possibility of an electrical shock.

13. Troubleshooting

WARNING

FOR YOUR OWN SAFETY TURN OFF POWER AT FUSE BOX OR CIRCUIT BREAKER BEFORE TROUBLESHOOTING YOUR FAN.

TROUBLE	PROBABLE CAUSE	SUGGESTED REMEDY
1. Fan will not start.	1. Fuse or Circuit Breaker blown.	1. Check Main and Branch Circuit Fuses or Circuit Breakers.
	2. Loose Power Line Connections to the Fan. 3. Reverse Switch in Neutral position.	<div>  WARNING Make sure main power is turned OFF. </div> 2. Check Line power connections to Fan. 3. Make sure Reverse Switch position is all the way to one side.
2. Fan sounds noisy.	1. Blades not attached to Fan.	1. Attach Blades to Fan before operating.
	2. Screws securing Fan Blades to Motor are loose. 3. Loose Screws in Motor Housing. 4. Wire connectors inside switch housing rattling. 5. Motor noise caused by solid-state variable speed controls. 6. Screws holding blades to flanges are loose.	2. Check to make sure the Screws which attach the Blades to the Motor are tight. <div>  WARNING Make sure main power is turned OFF. </div> 3. Check to make sure all Screws in Motor Housing are snug (Not Over-Tight). 4. Check to make sure wire connectors in switch housing are not rattling against each other or against the interior wall of the switch housing. 5. Some fan motors are sensitive to signals from solid-state variable speed control. If solid-state control is used and motor noise results, choose an alternative control method. 6. Tighten screws securely.
3. Fan wobbles excessively.	1. Set Screws in Motor Coupler are not tightened securely.	1. Raise Coupler Cover and tighten Set Screws securely.
	2. Set Screw in the Hanger Ball/Downrod Assembly is loose. 3. Screws securing Fan Blades to Motor are loose. 4. Fan Blades are not seated properly. 5. Hanger Bracket and/or Ceiling Outlet Box is not securely fastened. 6. Fan Blades out of balance.	2. Tighten the Set Screw in the Hanger Ball/Downrod Assembly. 3. Check to be sure Screws which attach the Fan Blades to the Motor are tight. 4. Check to be sure that the Screws securing the Fan Blades seat firmly. 5. Tighten the Hanger Bracket Screws to the Outlet Box, and/or secure Outlet Box. 6. Interchanging an adjacent (side by-side) Blade pair can redistribute the weight and result in smoother operation. Or use supplied Balancing Kit to balance Blades.
4. LED Light fixture will not illuminate.	1. Loose Electrical Connectors.	1. Shut off the Branch Circuit Electricity at the Fuse Box or Breaker Panel and check the LED Light Fixture Assembly Electrical Connector for proper installation.

