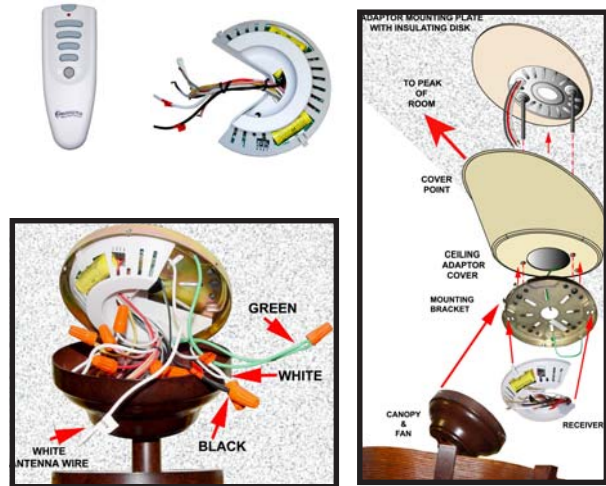




**INFORMATION ONLY**

The information within this document will help you when installing the W-500 Receiver into the Canopy Receiver Cup as shown. Covered is how to install on both the **standard** and **vaulted ceiling**. Also covered, are different **wiring diagrams** you might need. The removal of the **canopy trim ring**. And helpful hints on how to make the **job a little easier**, when the third hand or second person is required.



**READ AND SAVE THESE INSTRUCTIONS**

**SAFETY FIRST**

Safety and the proper operation of your Casablanca fan both require a thorough knowledge of the product and proper installation; therefore, before attempting to install and operate your Casablanca fan, read this owner's manual completely and carefully. Retain this manual for future reference.

**CAUTION:** To avoid possible electrical shock, make certain that electricity is turned off at the circuit breaker or fuse box before attempting any installation procedure.

**BEFORE YOU START**

- All wiring must be in accordance with the National Electric Codes and the appropriate local electrical codes. The National Codes require proper grounding as a precaution against electrical shock. A qualified electrician should be consulted if you are unsure.
- This fan is designed to be installed on an existing electrical outlet box. The outlet box must be UL Listed for ceiling fan installations, if it is not, a new box must be installed. Casablanca extension poles are available for sloped or high ceiling installations.
- This ceiling fan requires a grounded electrical supply of 120 VAC, 60 Hz and a minimum 15 amp circuit. The maximum current requirement for the fan with light fixture is 3.8 amps. The fan uses about 1 amp or 100 watts. Maximum light current is 2.8 amps or 340 watts of lighting.
- Where wire nuts are employed, be sure all bare wires are within the connectors. When installing the canopy, make sure all wires are within the canopy and that no wires are being pinched.

**For best performance and for your warranty to be valid, use only genuine Casablanca blades, light fixtures, and accessories.**



## (Part 1.) - STANDARD CEILING INSTALLATION

### FAN PREPARATION

**Prepare for fan installation as follows:**

Before starting, take a moment and read the red and white warning shield attached to the top of the fan as shown. After the fan is installed and the lock screw has been tightened, remove this shield when installation has been completed.

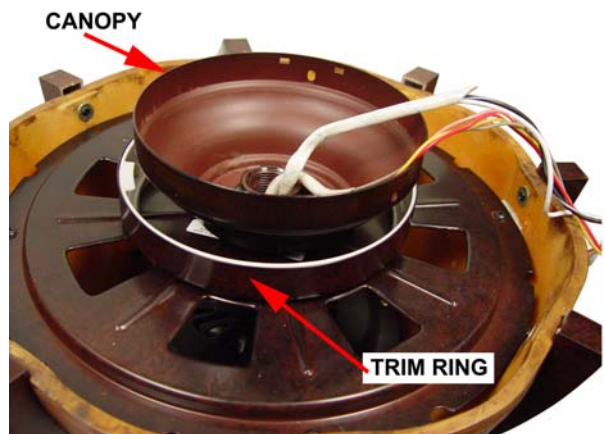
**NOTE: DO NOT** cut the wires until the fan is hanging from the ceiling plate as shown in (Step 12.)



**Step 1.** Using the provided allen wrench, loosen the set screw several turns to allow installation of the downrod as shown.

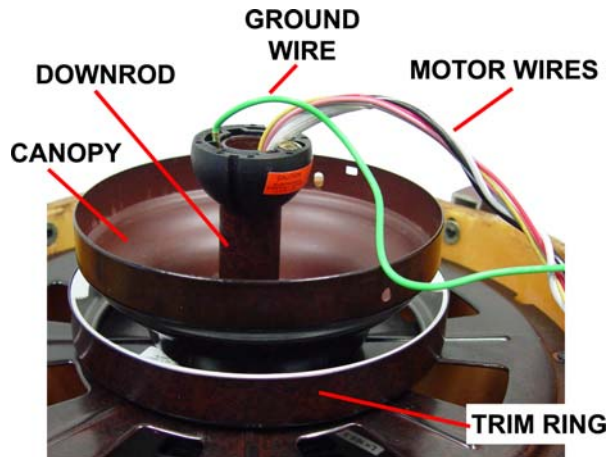


**Step 2.** Rout the wires from the motor through the canopy and trim ring. Then place the canopy and trim ring on to the top support of the fan as shown.





**Step 3.** Rout the wires from the motor through the Perma•Lock™ downrod and ball assembly as shown.

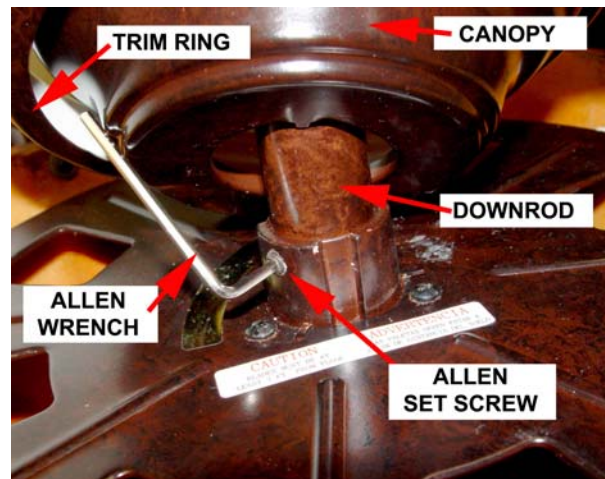


**Tip:** The downrod has a tapered thread that is designed to lock completely when correctly installed.

**Step 4.** Thread the downrod into the motor coupling until it stops turning and tighten by hand until tight.

**Step 5.** Using the provided allen wrench, securely tighten the set screw to ensure safe operation of your fan.

**CAUTION:** Failure to fully lock in the downrod before securely tightening the allen set screw may cause the fan to separate from the downrod during normal operation!

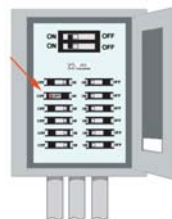


## GETTING STARTED

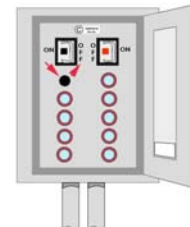
### Installing a New Ceiling Fixture Outlet Box

If you do not have an existing fixture located where you wish to place your fan, an approved ceiling fixture outlet box must be installed and wired.

**WARNING:** To reduce the risk of fire, electrical shock, or personal injury, mount to outlet box marked acceptable for ceiling fan support using the mounting hardware provided with the outlet box.



**CIRCUIT BREAKER**  
 (TRIP BREAKER FOR THE CIRCUIT YOU WILL BE WORKING ON)

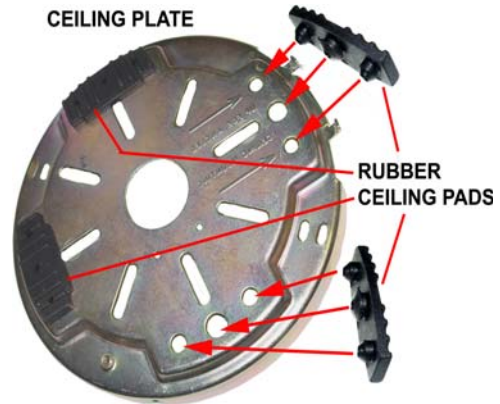


**FUSE BOX**  
 (REMOVE FUSE FOR THE CIRCUIT YOU WILL BE WORKING ON)



## RUBBER CEILING PADS INSTALLATION

**Step 6.** Install the (4) rubber ceiling pads into the top of the mounting bracket, by inserting the small side of the rubber bushing into the four holes in the ceiling plate as shown.

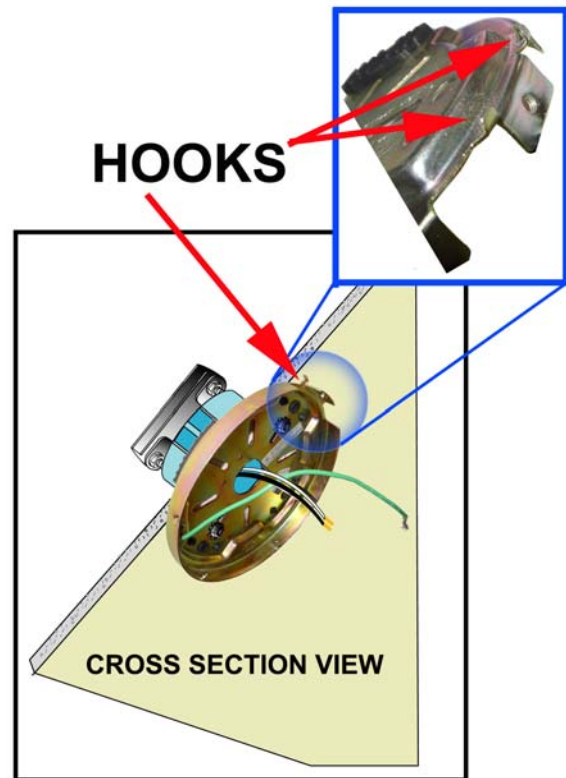
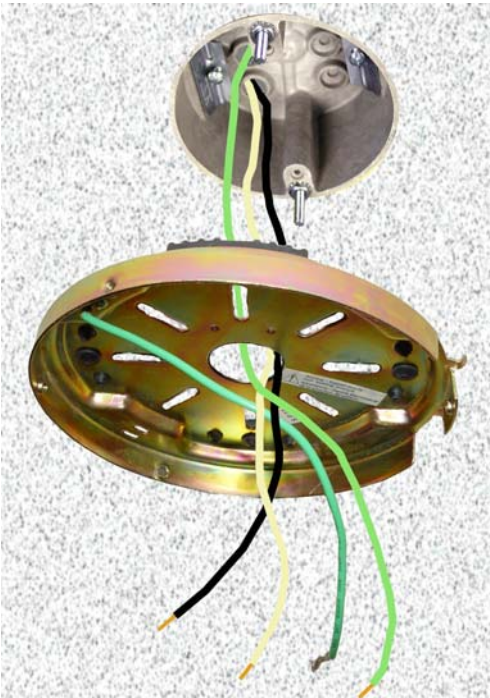


## MOUNTING BRACKET INSTALLATION

**Step 7.** Thread the wires from the outlet box down through the hole in the middle of the ceiling plate as shown.

**Step 8.** Align the slotted holes in the ceiling plate with the U-bolts from the outlet box. For proper alignment, use slotted holes directly across from each other. Note: rubber bushing should be flush against the ceiling.

**IMPORTANT:** When installing the ceiling plate on a vaulted ceiling, the **HOOKS** **MUST** be in the **UP** most position of the installation as shown.



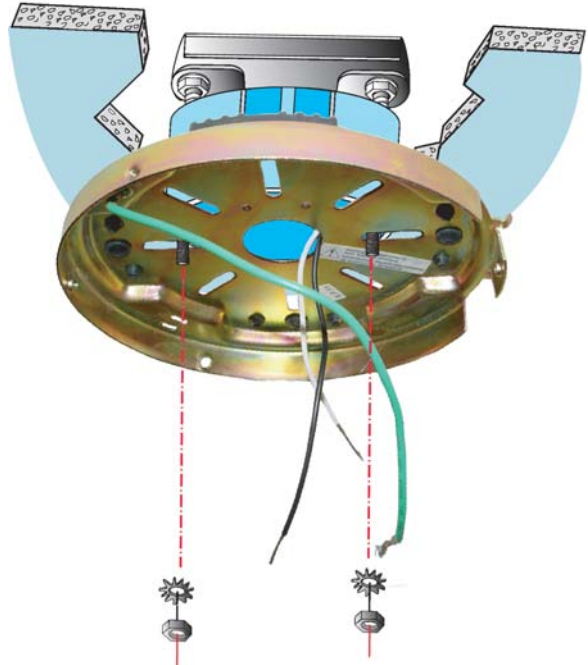


**Step 9.** Slide or place the ceiling plate on to your outlet box as shown. Using the hardware provided with the outlet box, attach the ceiling plate securely to the outlet box and ceiling.

**NOTE :** This fan is designed to be installed on an existing electrical outlet box. The outlet box must be UL Listed for ceiling fan installations, if it is not, a new box must be installed. Casablanca extension poles are available for sloped or high ceiling installations.



**NOTE:** The outlet box **MUST** be UL listed for ceiling fan installation.



## CHECKING THE SWITCH SETTINGS

**Step 10. IMPORTANT!** Before installing the receiver and control make sure the jumper switches of the transmitter and receiver are matched. **If they are not matched, the control will not function.**

Select different combinations of the jumper switches for each fan installation in the house to prevent interference of one control with another. To change the position of any of the jumper switches you will need a small pair of pliers or tweezers. Carefully extract one jumper at a time and position differently as needed.

**IMPORTANT!** When you change jumper switches, make sure the battery is not connected to the transmitter.

**TRANSMITTER**



**RECEIVER**



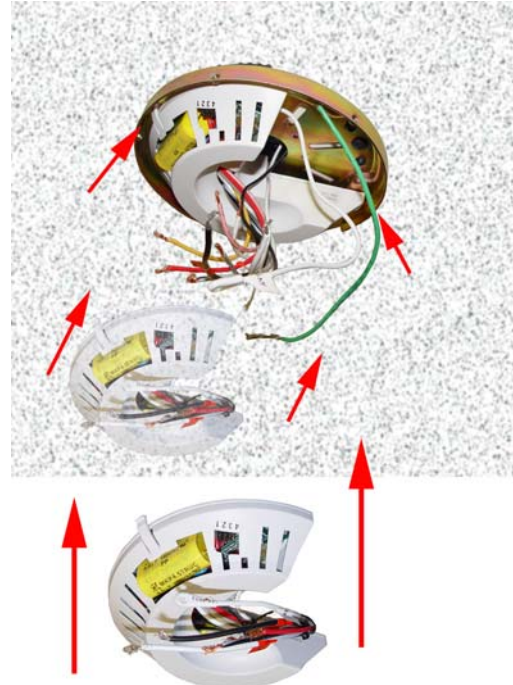
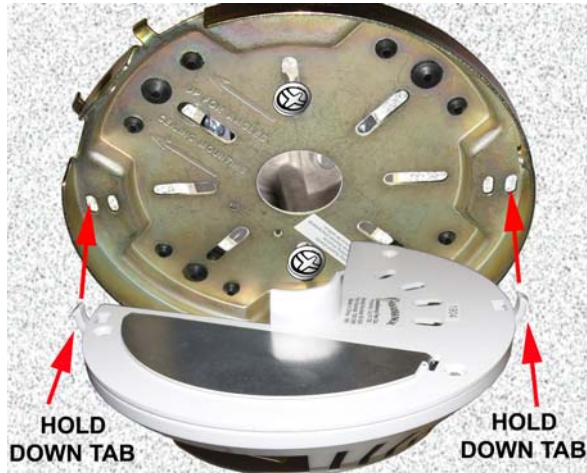
**JUMPER SWITCHES**



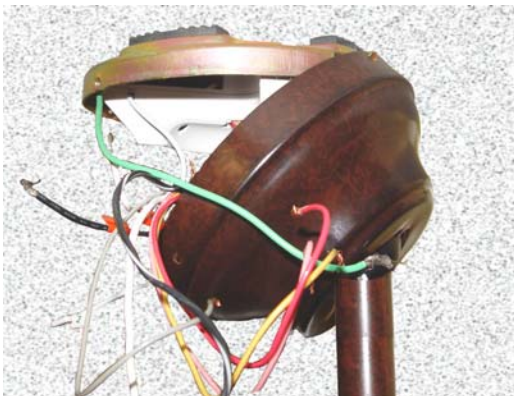


## INSTALLING THE RECEIVER

**Step 11.** Place the receiver into the mounting bracket, snap both of the hold down tabs into the slots on the mounting bracket as shown.



**Step 12.** Locate the 2 rectangular slots and 1 oblong hole on the rim of the canopy. Carefully lift up the fan and canopy and hang the canopy on the 2 hooks on the ceiling plate through the rectangular slots as shown.



**Step 13.** You should have 3 groups of wires, HOUSE WIRES, RECEIVER WIRES AND WIRES FROM THE FAN. Pull the long wires from the fan out of the canopy and pull them to one side. Make sure that you only cut the wires coming from the fan, you will need to make the fan wires about 8 inches long. This will give you enough wire to make the connections.



## ELECTRICAL CONNECTIONS (1)

**CAUTION!** Do NOT connect the white ANTENNA WIRE to power, this will cause damage to the product and may cause an electrical shock.

**Step 14.** Do Not connect the power wires at this time, we will first connect the receiver wires to the fan wires. Connect the YELLOW wire from the receiver to the YELLOW wire from the fan. Secure with a wire nut.

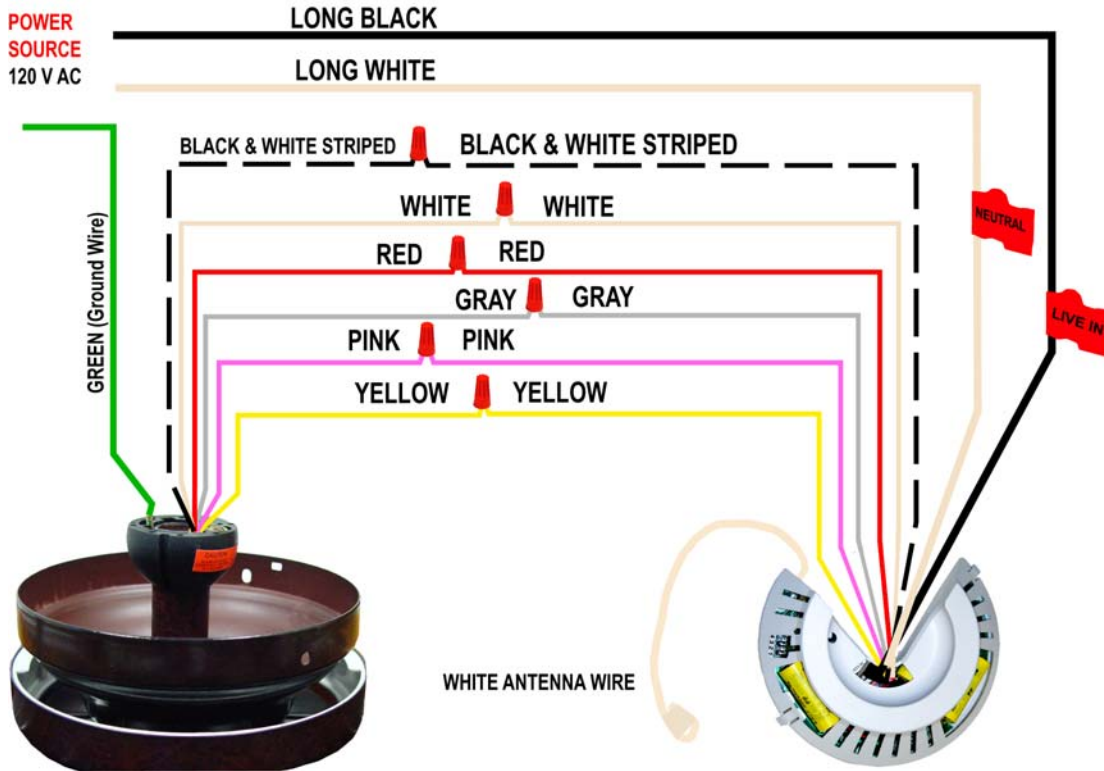
Connect the PINK wire from the receiver to the PINK wire from the fan. Secure with a wire nut.

Connect the RED wire from the receiver to the RED wire from the fan. Secure with a wire nut.

Connect the rest of the wires from the FAN to the receiver accordingly:  
 BLACK/WHITE from fan to BLACK/WHITE from receiver.  
 GRAY from fan to GRAY from receiver.  
 Secure each connection with a wirenut as shown.



## ELECTRICAL WIRING DIAGRAM





**ELECTRICAL CONNECTIONS (1) - CONTINUED**

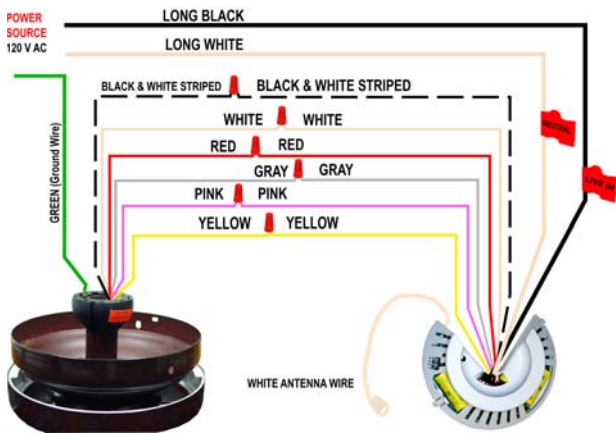
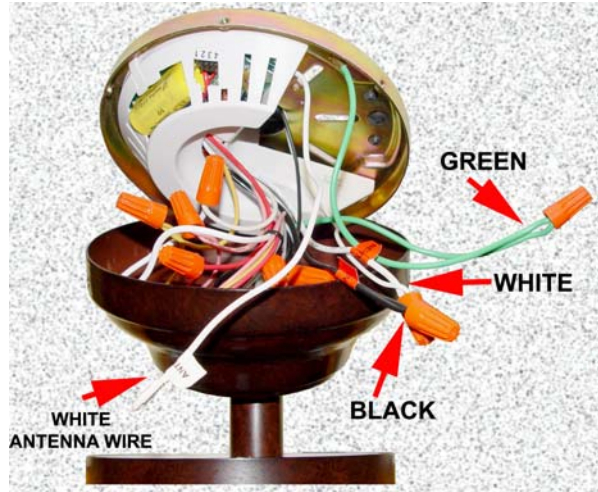
**CAUTION!** Do NOT connect the white ANTENNA WIRE to power, this will cause damage to the product and may cause an electrical shock.

**Step 15.** Locate the BLACK, WHITE AND GREEN wires from the ceiling fixture outletbox.

Connect the GREEN leads from the ceiling plate and fan to GROUND conductor of power source. Secure with a wire nut.

Connect the LONG WHITE wires from the receiver that is marked with a RED NEUTRAL tag, to the NEUTRAL wire in the ceiling fixture outlet box. Secure with a wire nut.

Connect LONG BLACK wire from the receiver marked with a RED LIVE IN tag, to the BLACK power wire in the ceiling outlet box. Secure with a wire nut.



**NOTE:** After wiring is complete check all connections to ensure that they are tight and there are no bare wires visible at the wire connectors.

**Step 16.** Tuck in all the wires into the canopy as shown.



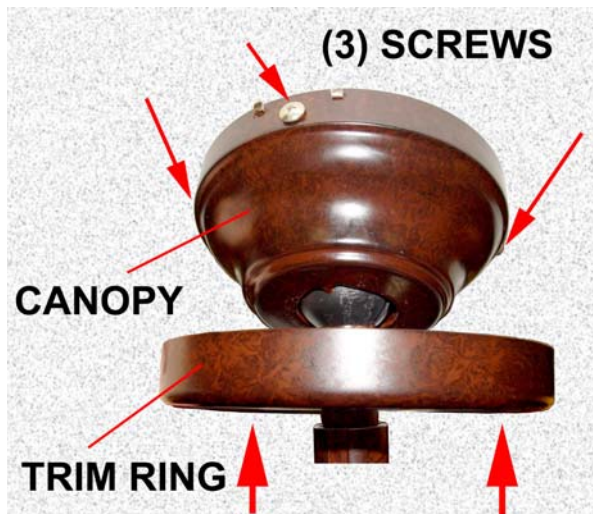


**Step 17.** With all of the wires tucked in as shown, it is time to close the canopy. By lifting up on the fan and at the same time swinging the canopy closed. In some cases this may take two people.



**Step 18.** Once you have the canopy closed and screw holes lined up, screw in the three screws as shown.

Now it is time to lift the trim ring up and into place. Once you get the trim cover up over the 3 screws, lift it a little higher until the trim ring snaps into place as shown. Congratulations, you're done with the wiring, check your work and finish installing your fan.

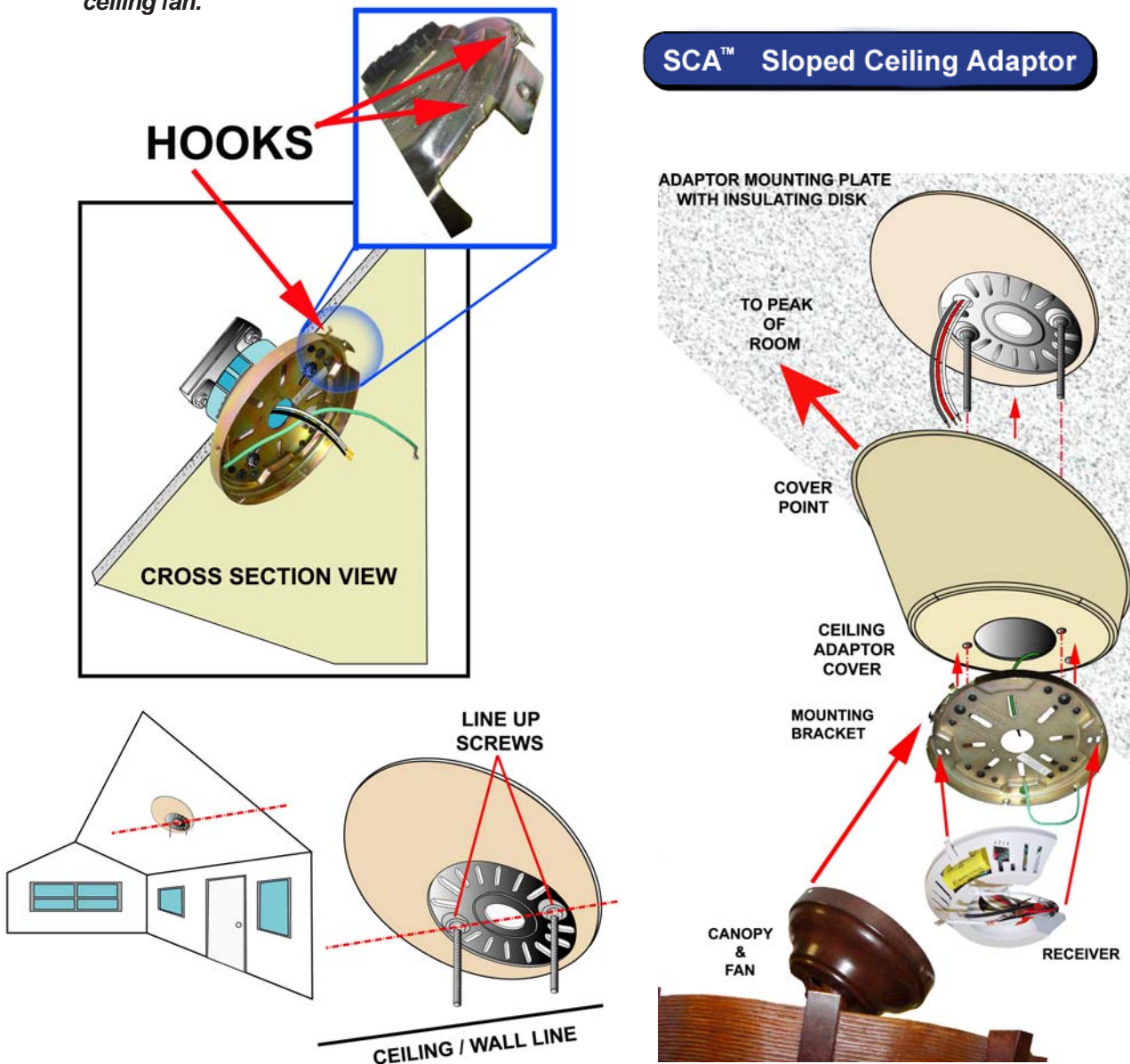




**Part 2. - VAULTED CEILING FAN INSTALLATION**

The information in Part 2 covers the installation of the W-500 receiver into the Canopy Receiver Cup on a vaulted ceiling as shown. A vaulted ceiling more than 34°, a Sloped Ceiling Adaptor Kit (SCA) is required. The installation of a (SCA) on a sloped ceiling will effectively reduce the slope of the ceiling by 26°. If the (SCA) is needed for your installation, complete the steps in the SCA installation instructions before moving on.

**Note:** The new effective angle must be no more than the maximum angle allowed for your ceiling fan.





**FAN PREPARATION**

**Prepare for fan installation as follows:**

Before starting, take a moment and read the red and white warning shield attached to the top of the fan as shown. After the fan is installed and the lock screw has been tightened, remove this shield when installation has been completed.

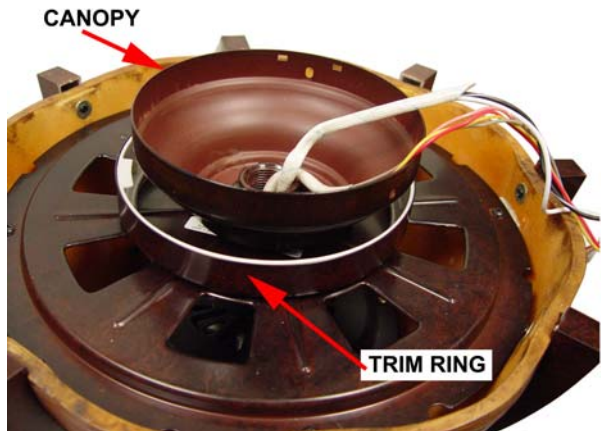
**NOTE: DO NOT** cut the wires until you get to (Step 6.)



**Step 1.** Using the provided allen wrench, loosen the set screw several turns to allow installation of the downrod as shown.

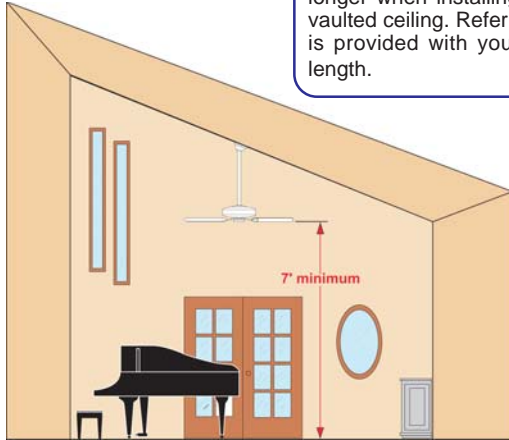


**Step 2.** Rout the wires from the motor through the canopy and trim ring. Then place the canopy and trim ring on to the top support of the fan as shown.





**NOTE :** The downrod will all ways need to be longer when installing your fan on a sloped or vaulted ceiling. Refer to the owners manual that is provided with your fan for the proper pole length.



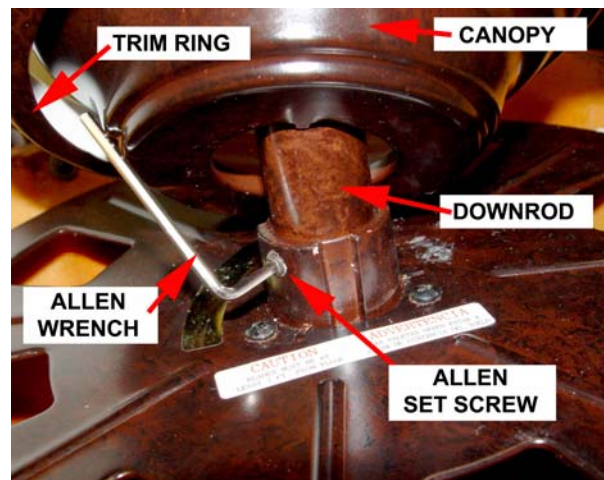
**Step 3.** Rout the wires from the motor through the PermaLock™ downrod and ball assembly as shown.

**Tip:** The downrod has a tapered thread that is designed to lock completely when correctly installed.

**Step 4.** Thread the downrod into the motor coupling until it stops turning and tighten by hand until tight.

**Step 5.** Using the provided allen wrench, securely tighten the set screw to ensure safe operation of your fan.

**CAUTION:** Failure to fully lock in the downrod before securely tightening the allen set screw may cause the fan to separate from the downrod during normal operation!



**Step 6.** You should have 2 groups of wires, RECEIVER WIRES AND WIRES FROM THE FAN. Pull the long wires from the fan out of the canopy and pull them to one side as shown. Make sure that you only cut the wires coming from the fan, you will need to make the fan wires about 12 to 18 inches long. You will need the longer wires installing the receiver into the mounting bracket as shown in STEP 15.





## ELECTRICAL CONNECTIONS (2)

**CAUTION!** Do NOT connect the white ANTENNA WIRE to power, this will cause damage to the product and may cause an electrical shock.

**Step 7.** Do Not connect the power wires at this time, we will first connect the receiver wires to the fan wires.

Connect the PINK wire from the receiver to the PINK wire from the fan. Secure with a wire nut.

Connect the YELLOW wire from the receiver to the YELLOW wire from the fan. Secure with a wire nut.

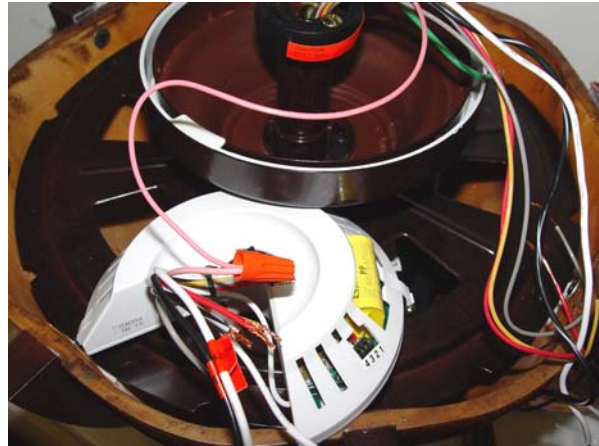
Connect the RED wire from the receiver to the RED wire from the fan. Secure with a wire nut.

Connect the rest of the wires from the FAN to the RECEIVER accordingly:

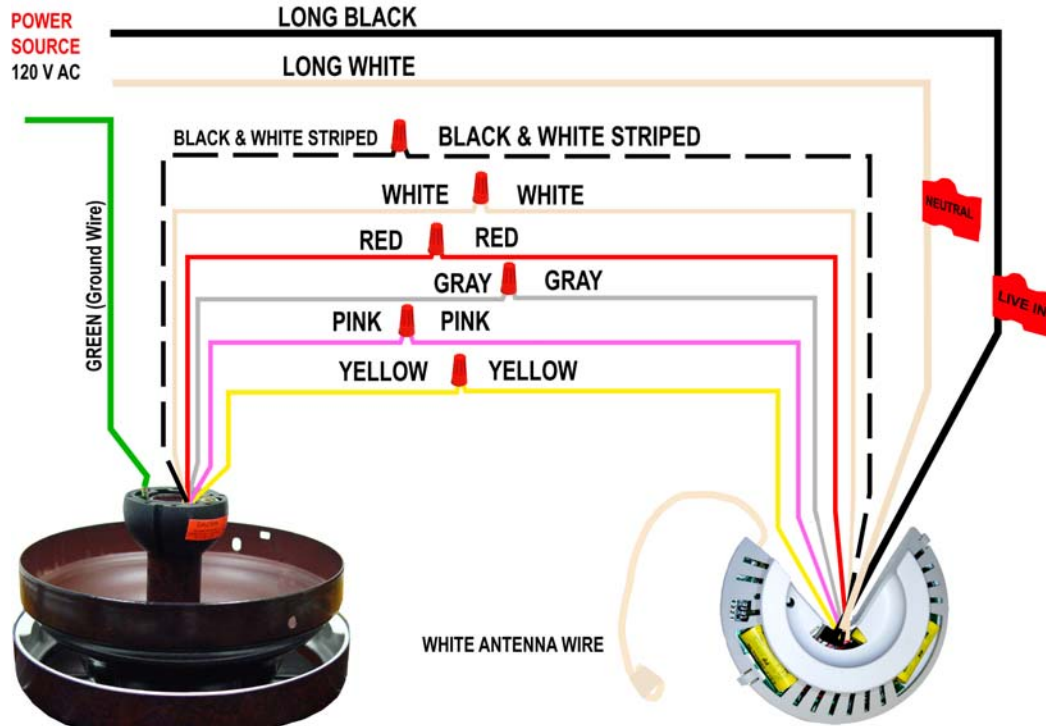
BLACK/WHITE from fan to BLACK/WHITE from receiver.

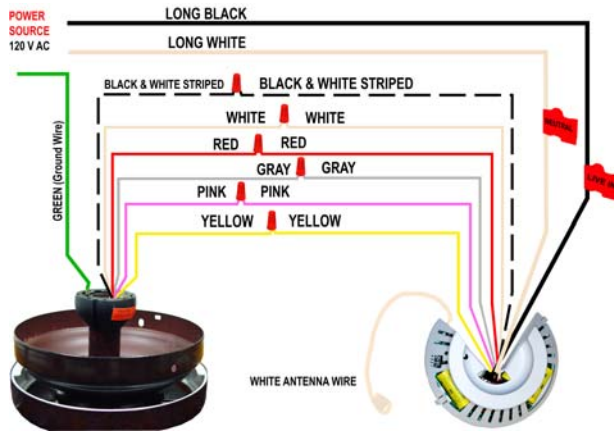
GRAY from fan to GRAY from receiver.

Secure each connection with a wirenut as shown.



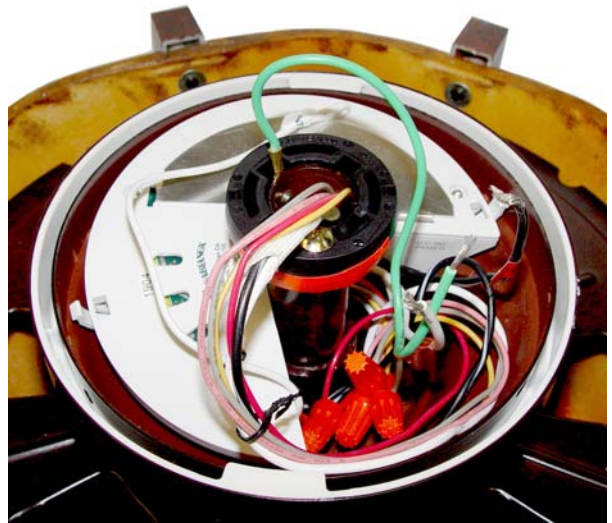
## ELECTRICAL WIRING DIAGRAM





**NOTE:** After wiring is complete check all connections to ensure that they are tight and there are no bare wires visible at the wire connectors.

**Step 8.** Tuck in all the wires into the canopy as shown.



**Step 9.** Locate the GREEN wire that is attached to the ball and pole assembly, the WHITE wire from the receiver with a red tag marked NEUTRAL and the BLACK wire with a red tag marked LIVE IN. Pull these three wires up and out of the canopy as shown, these are the wires needed to make the connection to the house wiring.



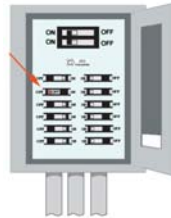


## GETTING STARTED

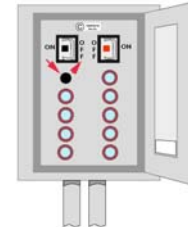
### Installing a New Ceiling Fixture Outlet Box

If you do not have an existing fixture located where you wish to place your fan, an approved ceiling fixture outlet box must be installed and wired.

**WARNING:** To reduce the risk of fire, electrical shock, or personal injury, mount to outlet box marked acceptable for ceiling fan support using the mounting hardware provided with the outlet box.



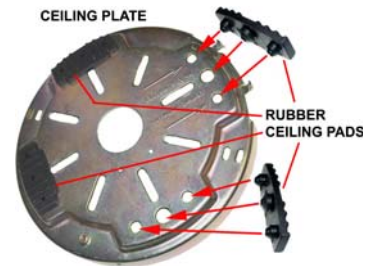
**CIRCUIT BREAKER**  
 (TRIP BREAKER FOR THE CIRCUIT YOU WILL BE WORKING ON)



**FUSE BOX**  
 (REMOVE FUSE FOR THE CIRCUIT YOU WILL BE WORKING ON)

## RUBBER CEILING PADS INSTALLATION

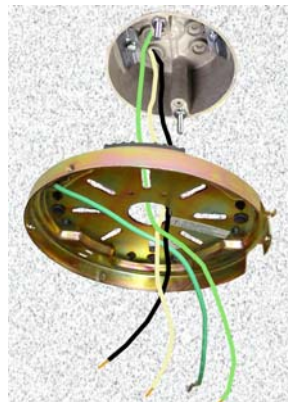
**Step 10.** Install the (4) rubber ceiling pads into the top of the mounting bracket, by inserting the small side of the rubber bushing into the four holes in the ceiling plate as shown.



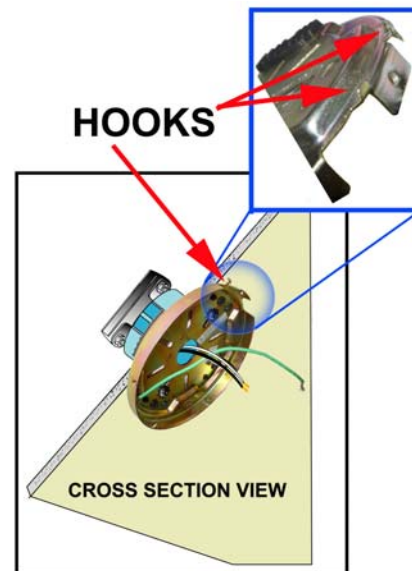
## MOUNTING BRACKET INSTALLATION

**Step 11.** Thread the wires from the outlet box down through the hole in the middle of the ceiling plate as shown.

**Step 12.** With the HOOKS UP, pointing to the peak of the ceiling. Align the slotted holes in the ceiling plate with the U-bolts from the outlet box. For proper alignment, use slotted holes directly across from each other. Note: rubber bushings should be flush against the ceiling.



**IMPORTANT:** When installing the ceiling plate on a vaulted ceiling, the HOOKS MUST be in the UP most position of the installation as shown.

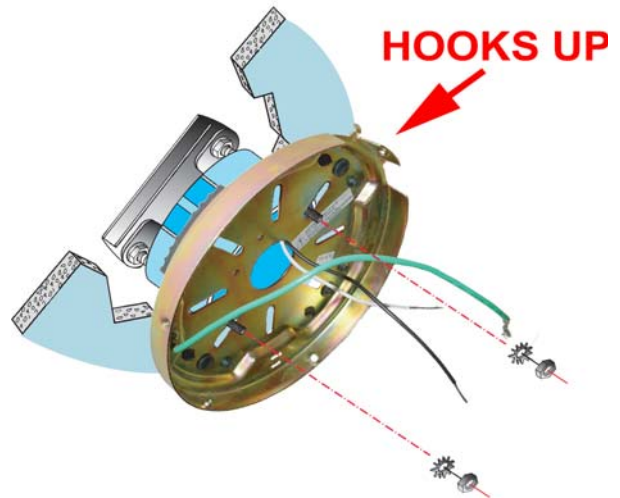




**Step 13.** Slide or place the ceiling plate with the HOOKS UP on to your outlet box as shown. Using the hardware provided with the outlet box, attached the ceiling plate securely to the outlet box and ceiling.

**NOTE:** The outlet box **MUST** be UL listed for ceiling fan installation.

**NOTE :** This fan is designed to be installed on an existing electrical outlet box. The outlet box must be UL Listed for ceiling fan installations, if it is not, a new box must be installed. Casablanca extension poles are available for sloped or high ceiling installations.



## CHECKING THE SWITCH SETTINGS

**Step 14. IMPORTANT!** Before installing the receiver and control make sure the jumper switches of the transmitter and receiver are matched. **If they are not matched, the control will not function.**

Select different combinations of the jumper switches for each fan installation in the house to prevent interference of one control with another. To change the position of any of the jumper switches you will need a small pair of pliers or tweezers. Carefully extract one jumper at a time and position differently as needed.

**IMPORTANT!** When you change jumper switches, make sure the battery is not connected to the transmitter.

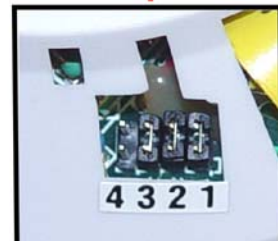
**TRANSMITTER**



**RECEIVER**



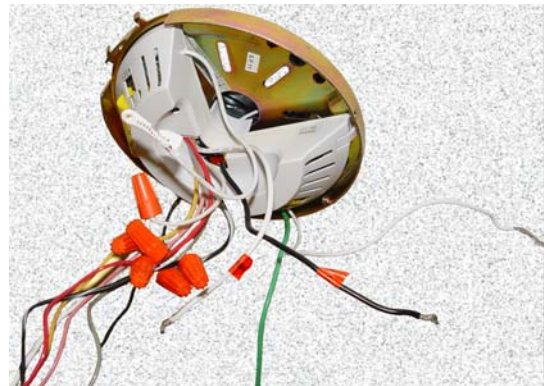
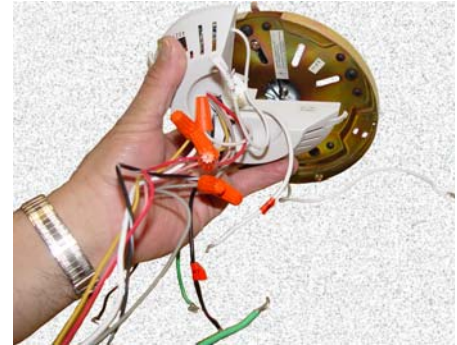
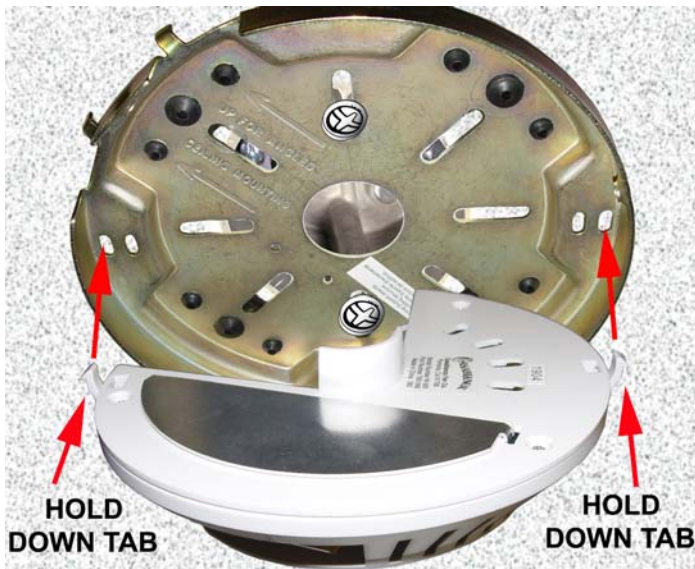
**JUMPER SWITCHES**



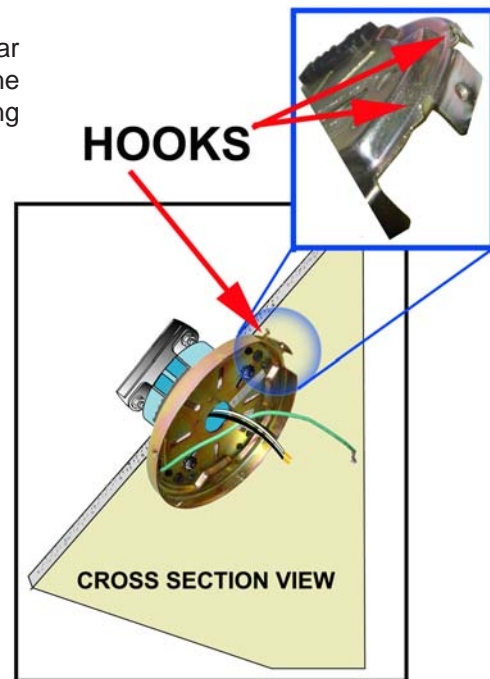


## INSTALLING THE RECEIVER

**Step 15.** Place the fan on top of the ladder, pull the receiver from the canopy. Depending on the height of the ladder, your wire should stretch from the canopy to the mounting bracket as shown. Being careful not to pull the fan off of the ladder. Snap the receiver into the mounting bracket, snap both of the hold down tabs into the slots on the mounting bracket as shown. In some cases this may take two people.



**Step 16.** Again this may take two people. Locate the 2 rectangular slots and 1 oblong hole on the rim of the canopy. Carefully lift up the fan and canopy and hang the canopy on the 2 hooks on the ceiling plate through the rectangular slots as shown.





**ELECTRICAL CONNECTIONS (1) - CONTINUED**

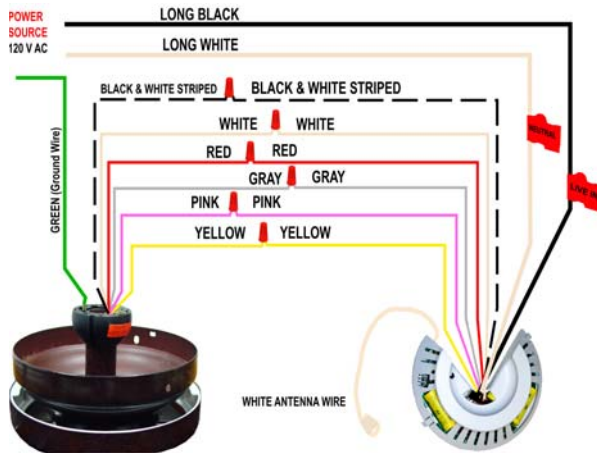
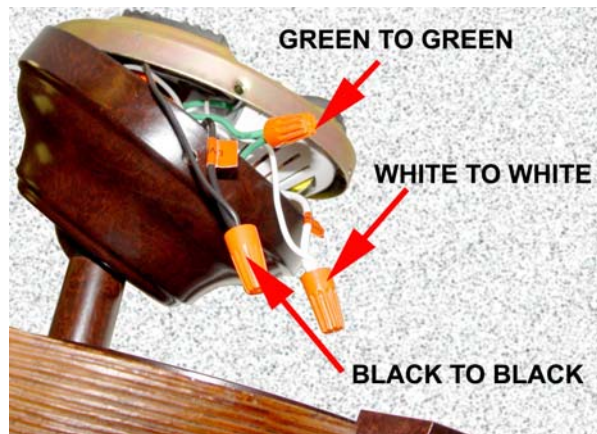
**CAUTION!** Do NOT connect the white ANTENNA WIRE to power, this will cause damage to the product and may cause an electrical shock.

**Step 17.** Locate the BLACK, WHITE AND GREEN wires from the ceiling fixture outletbox.

Connect the GREEN leads from the ceiling plate and fan to GROUND conductor of power source. Secure with a wire nut.

Connect the LONG WHITE wires from the receiver that is marked with a RED NEUTRAL tag, to the NEUTRAL wire in the ceiling fixture outlet box. Secure with a wire nut.

Connect LONG BLACK wire from the receiver marked with a RED LIVE IN tag, to the BLACK power wire in the ceiling outlet box. Secure with a wire nut.



**NOTE:** After wiring is complete check all connections to ensure that they are tight and there are no bare wires visible at the wire connectors.

**Step 18.** Tuck in all the wires into the canopy as shown.



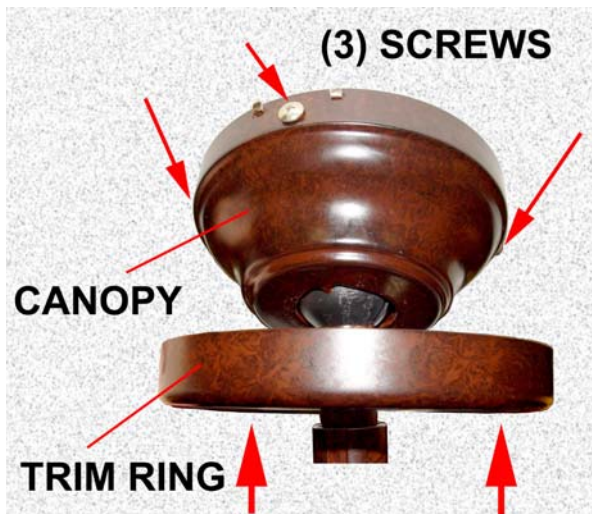


**Step 19.** With all of the wires tucked in as shown, it is time to close the canopy. By lifting up on the fan and at the same time swinging the canopy closed.



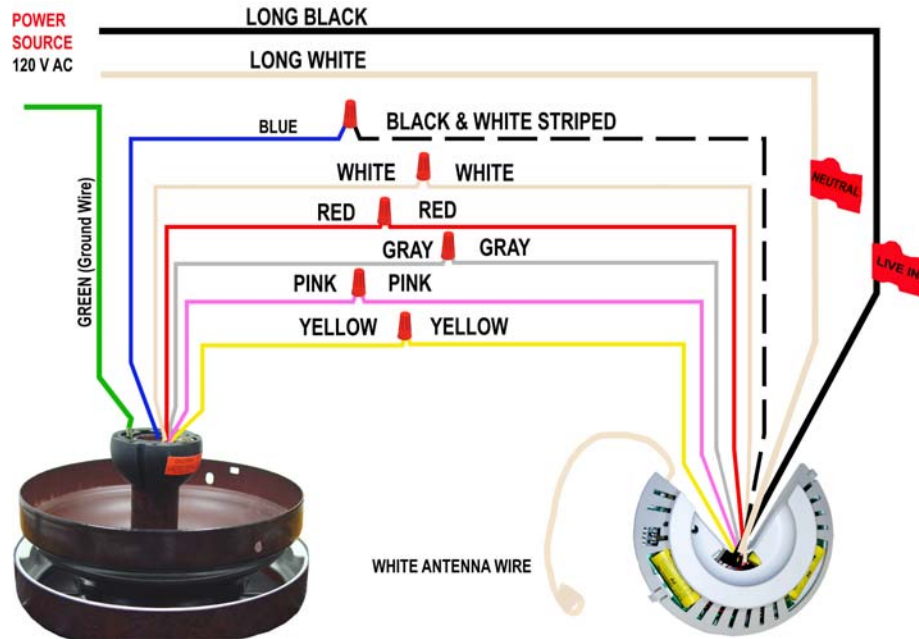
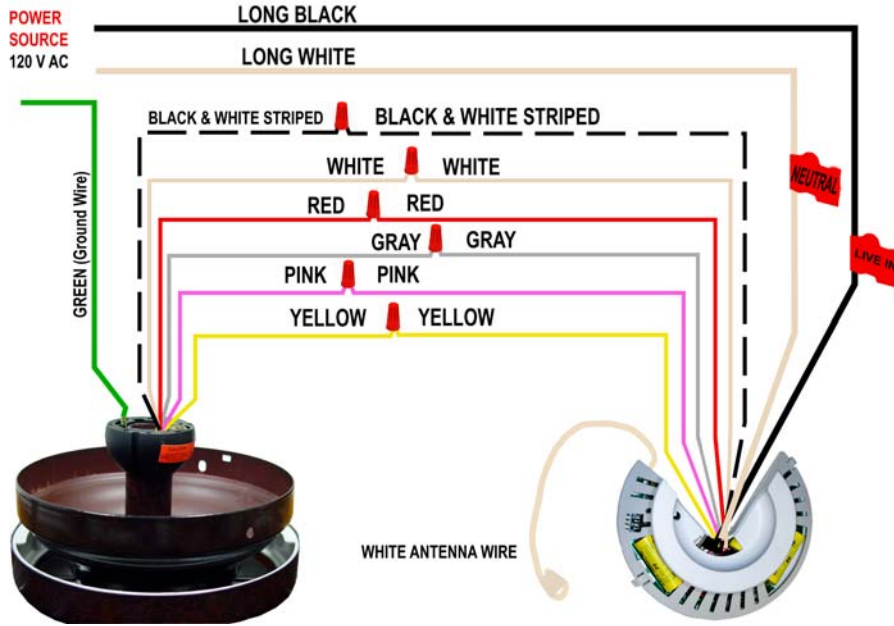
**Step 20.** Once you have the canopy closed and screw holes lined up, screw in the three screws as shown.

Now it is time to lift the trim ring up and into place. Once you get the trim cover up over the 3 screws, lift it a little higher until the trim ring snaps into place as shown. Congratulations, you're done with the wiring, check your work and finish installing your fan.





**WIRING DIAGRAMS**

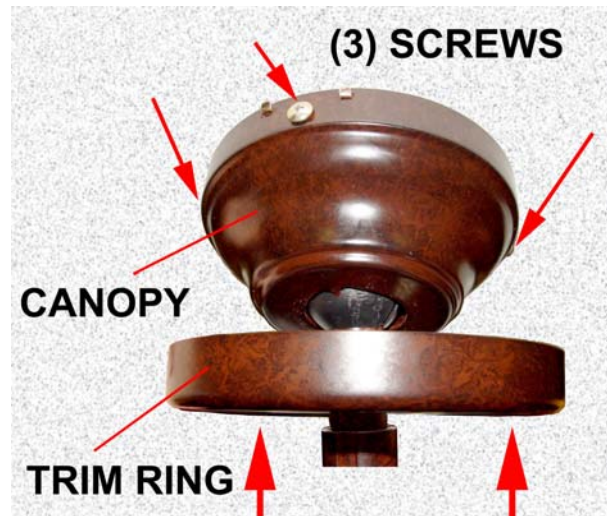
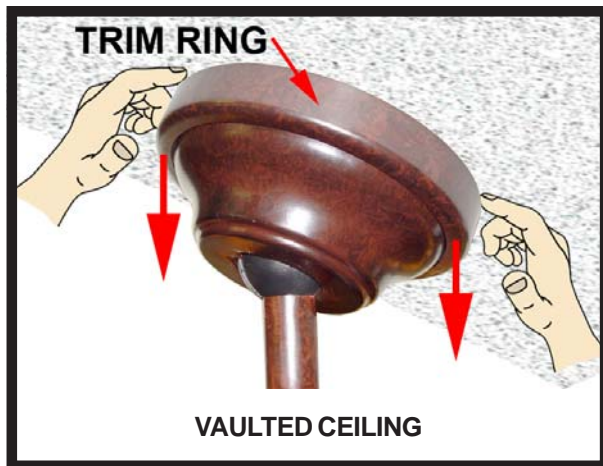
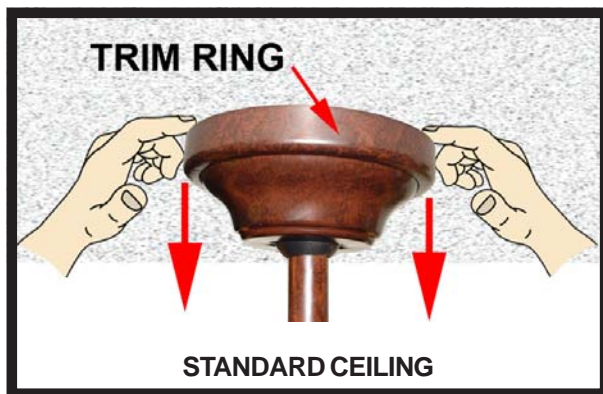




**HELPFUL HINTS FOR REMOVAL AND INSTALLATION**

**REMOVING THE CANOPY TRIM RING**

To remove the canopy trim ring, press firmly on opposite sides of the ring towards the canopy as shown and pull down.



Helpful Hints - **CONTINUED**



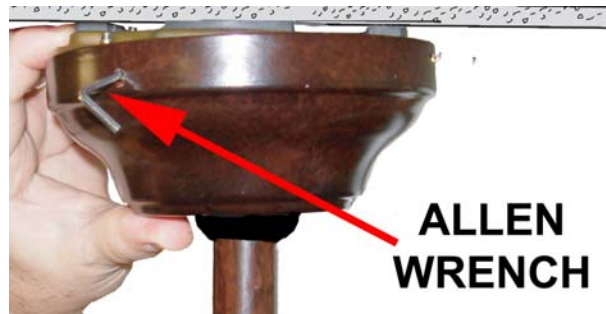
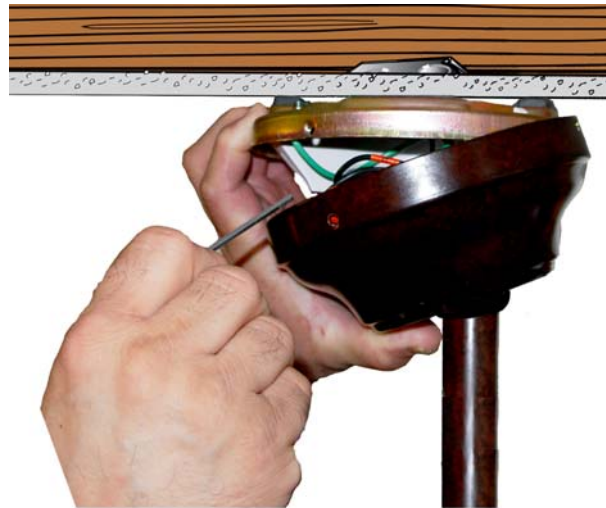
Helpful Hints - **CONTINUED**

## CLOSING THE CANOPY

When trying to close the canopy and you may need that third hand, or another person to help. One thing that you can do, is use the ALLEN WRENCH that you used to tighten the set screw on the pole to help you.

**Step 1.** With your left hand lift up on the canopy, lifting the fan and at the same time line up the screw hole on the canopy and screw hole on the ceiling plate. And with the right hand insert the ALLEN WRENCH as shown.

**Step 2.** With the ALLEN WRENCH holding the canopy and fan in place as shown, you will be able to put in the screws with out trying to hold everything by your self.



Helpful Hints - **END**