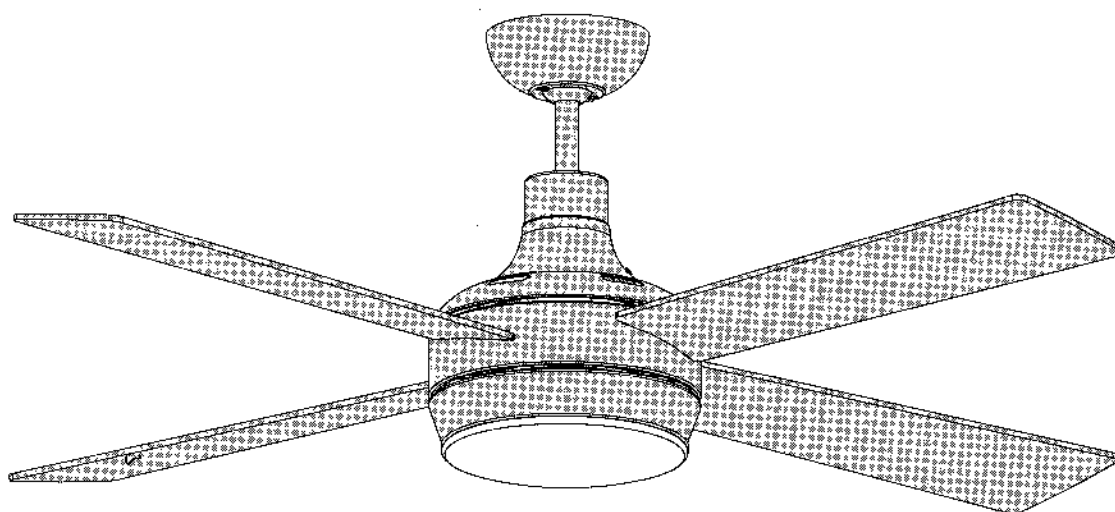


# Owner's Manual



4UFO/SL+LED

**MODEL:CRYSTAL**

Net weight

8.0 KGS.

17.6 LBS.

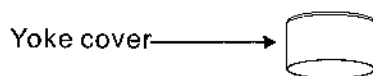
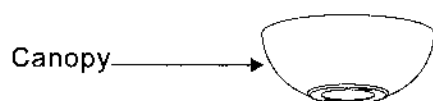
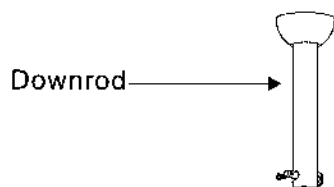
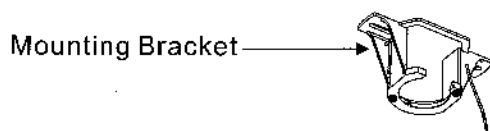
**WARNING :** Read and follow these instructions carefully and be mindful of all warnings shown throughout.

# READ AND SAVE THESE INSTRUCTIONS

## **WARNING : TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK, OR INJURY TO PERSONS, PLEASE OBSERVE THE FOLLOWING :**

- 1]. To ensure the success of the installation, be sure to read the instructions and review the diagrams thoroughly before beginning.
- 2]. **To avoid possible electric shock, be sure electricity is turned off at the main power box before wiring.**  
All electrical connections must be made in accordance with local codes, ordinances and/or the National Electric Code. If you are unfamiliar with the methods of installing electrical wiring and products, secure the services of a qualified and licensed electrician as well as someone who can check the strength of the supportive ceiling members and make the proper installations and connections.
- 3]. Make sure that your installation site will not allow rotating fan blades to come in contact with any object. Blades should be at least 7 feet from floor when fan is in operation.
- 4]. If possible, mount ceiling fan on a ceiling joist - the joist must be able to support the motion and weight of the moving fan. If the fan will be mounted on a ceiling outlet box, a 4" x 2-1/8" deep METAL octagon box is required ; one UL listed as " suitable for fan support ". The box and its supporting members must not be able to twist or work loose. **DO NOT USE PLASTIC BOXES.** Installation on a concrete ceiling should be performed by qualified personnel.
- 5]. Blades should be attached after motor housing is hung and in place. Fan motor housing should be kept in carton until ready to be installed to protect its finish. If you are installing more than one ceiling fan, make sure that you do not mix fan blade sets.
- 6]. After making electrical connections, spliced conductors should be turned upward and pushed carefully up into outlet box. The wires should be spread apart with the grounded conductor and the equipment - grounding conductor on one side of the outlet box and the " HOT " wires on the other side.
- 7]. Electrical diagrams are for reference only. Light kits that are not packed with the fan must be UL/ETL listed and should be installed per the light kit's installation instructions.
- 8]. After fan is completely installed, check to make sure that all connections are secure to prevent fan from falling and/or causing damage or injury.
- 9]. The fan can be made to work immediately after installation. The bearings are adequately charged with grease, so that under normal conditions, further lubrication should not be necessary.
- 10]. The fan must be turned off and stopped before reversing fan direction.
- 11]. **This fan is suitable for slope ceiling.**
- 12]. **This fan is reversible.**
- 13]. **This fan is controlled by remote or wall control.**
- 14]. **This fan is suitable for indoor use.**

**Unpack and inspect fan carefully to be certain all contents are included.**



### Hardware Bag

#### For Mounting Plate:

Tooth Washer	x2		
Flat Washer	x2		
Spring Washer	x2		
Machine Screw	x2		
Wood Screw	x2		

#### For Wire Connection:

Wire Nut x 4

#### For Blade Installation:

Blade Screw x 9 (one spare screw included)



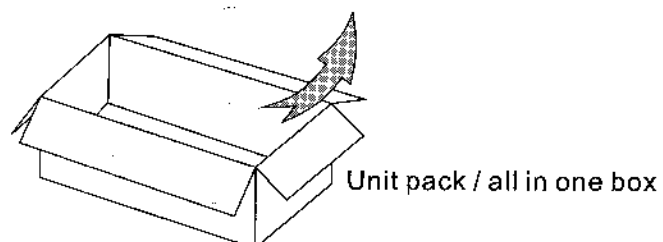
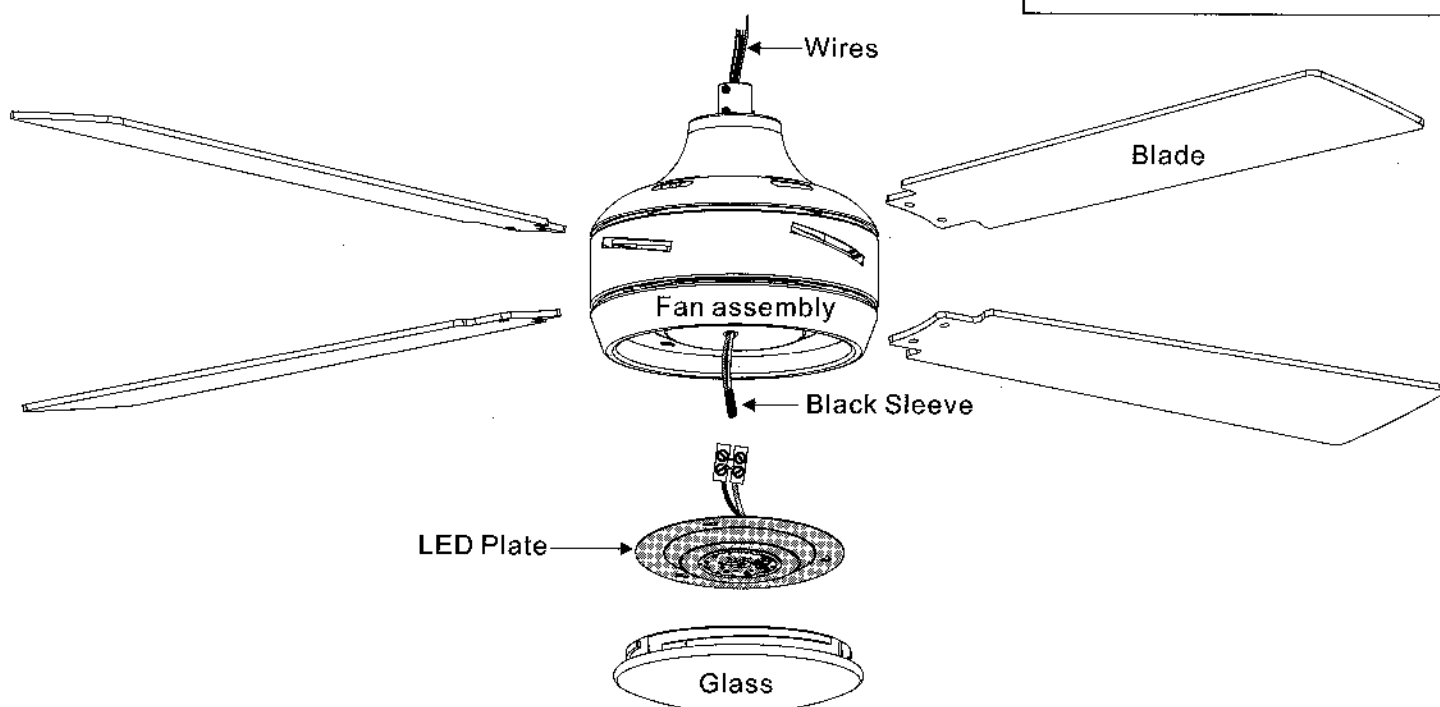
Paper Washer x 9 (one spare washer included)



#### For Blade Balance:

Balancing Slide x 1

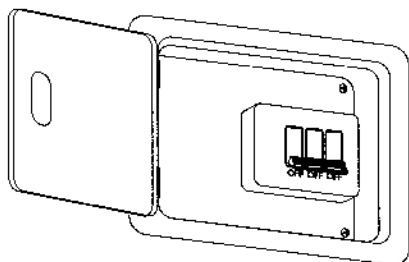
Weight block (3G x 3)



## WARNING: blades should be at least 7 feet from floor

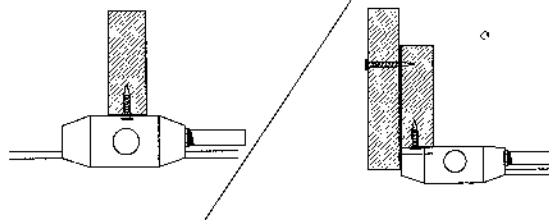
### Note 1:

Turn off power at breaker box to avoid possible electrical shock.



### Note 2:

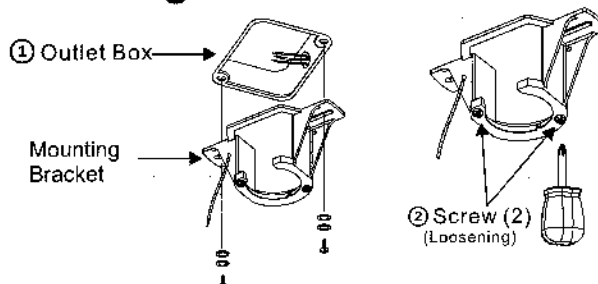
Use metal outlet box suitable for fan support.  
Outlet box must support 35 lbs min.



## 1. HANGING SYSTEM INSTALLATION

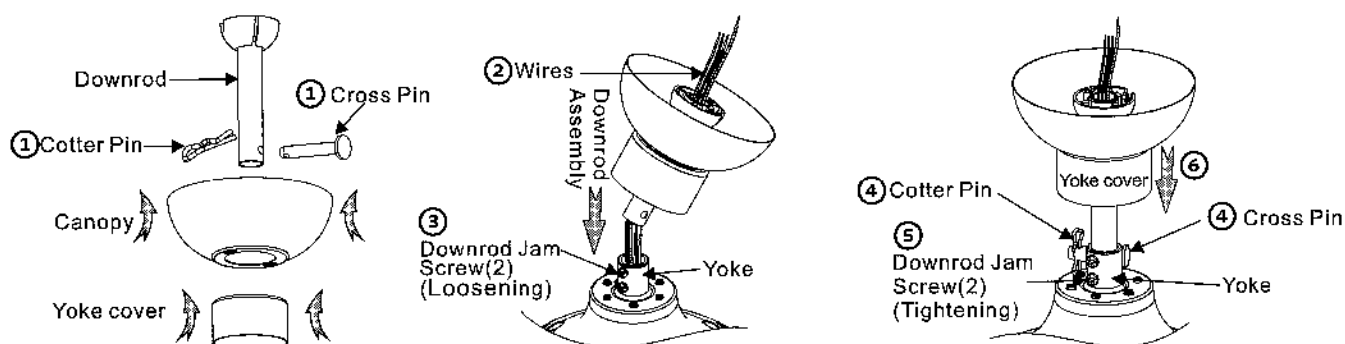
### 1A. Installing mounting bracket to ceiling outlet box

- ① Install mounting bracket to outlet box in ceiling by using screws included with the outlet box and washers from the hardware bag.
- ② Loosen the screws at Mounting Bracket.



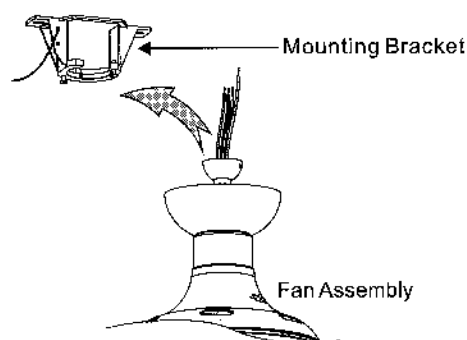
### 1B. Installing Downrod and Yoke

- ① Remove cross pin and cotter pin from downrod.
- ② Insert downrod through canopy and yoke cover, and feed motor lead wires through downrod.
- ③ Loosen 2 downrod jam screws at yoke. Insert downrod assembly into yoke.
- ④ Insert the cross pin through yoke & downrod and secure with cotter pin.
- ⑤ Tighten both downrod jam screws to further secure downrod.
- ⑥ Pull down the yoke cover to cover yoke.

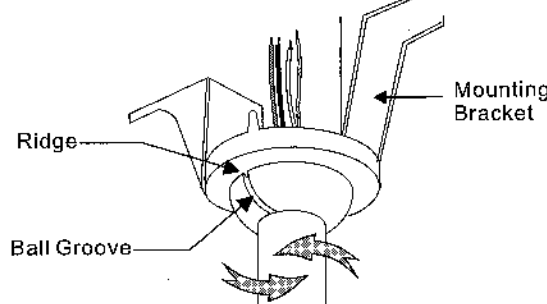


### 1C. Hanging the fan

Lift fan assembly onto mounting bracket.



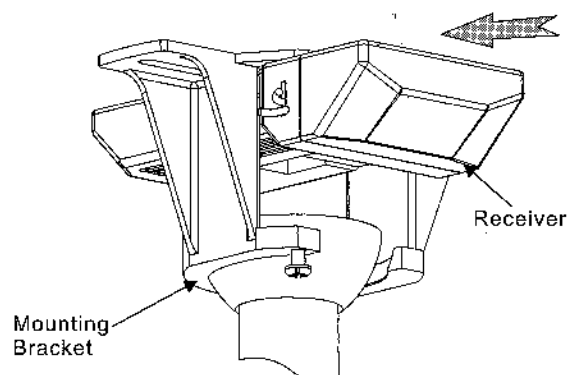
Rotate fan so that the groove on the ball engages the ridge in the mounting bracket.



## 2. WIRE CONNECTION

### 2A. Insert receiver into mounting bracket

**NOTE:** Do not squeeze all the wires while inserting the receiver into the mounting bracket.

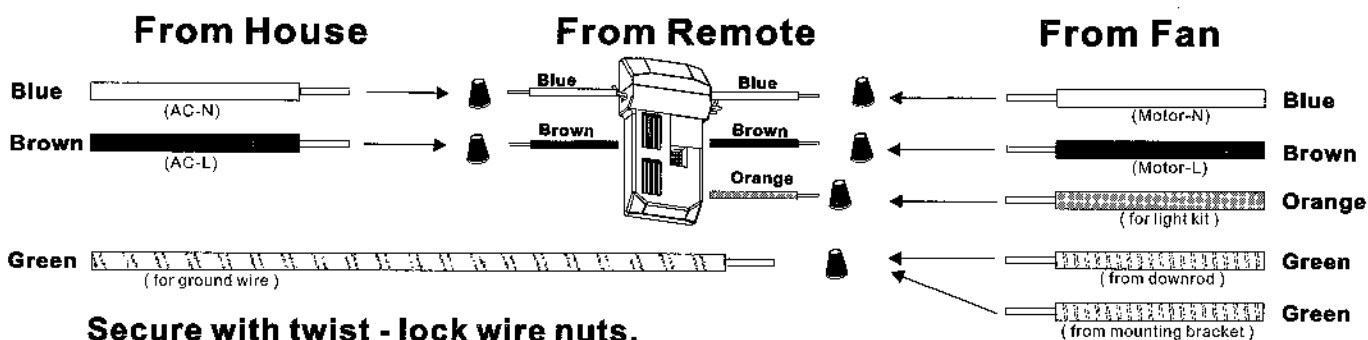


### 2B. Making electrical wire connection

Follow diagram below and make sure that all exposed wires are secured inside wire nuts.

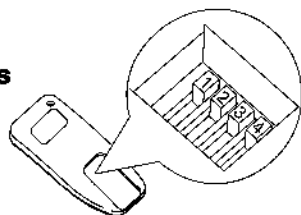
Note: Wires from house may vary in color and may not include ground wire (green).

After wiring is completed, collect wires neatly inside hanging base.

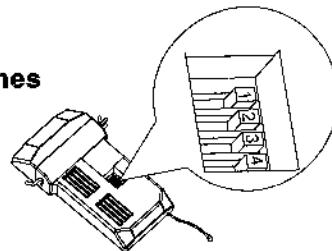


### 2C. Setting code switches for remote

**Transmitter  
Code Switches**



**Receiver  
Code Switches**



This unit has 16 different code combinations.

① Setting the code on the TRANSMITTER

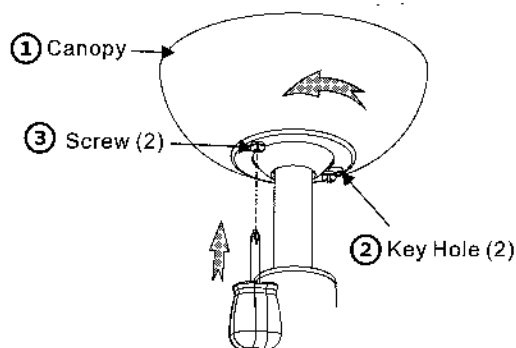
- Remove battery cover.
- Slide code switches to your choice of ON or OFF position. Use a small screwdriver or ball point pen to slide each switch firmly up or down.
- Install 9V DC battery ( not included ).
- Install battery cover on transmitter.

② Slide code switches on the Receiver to be the SAME POSITIONS as set on your Transmitter.

### 3. CANOPY INSTALLATION

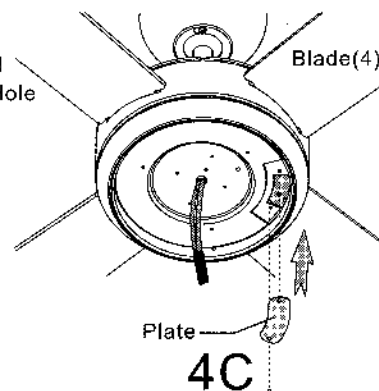
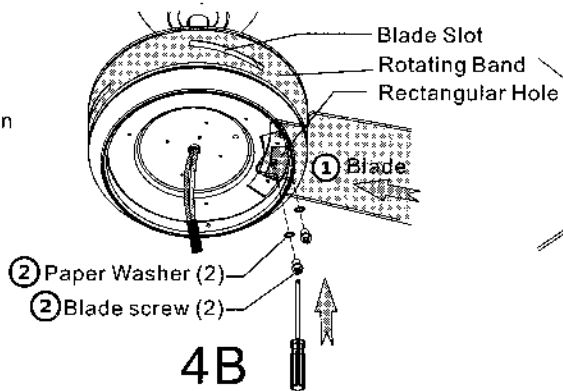
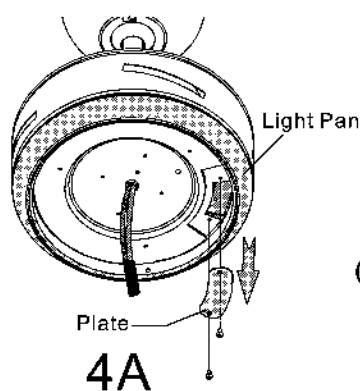
**Note:** Two screws are pre-installed on mounting bracket for canopy installation.

- ① Push up canopy until two screws pre-screwed on mounting bracket are engaged with two key holes on canopy.
- ② Rotate canopy slightly until two pre-installed screw heads are engaged in the narrow end of key holes.
- ③ Tighten both screws.



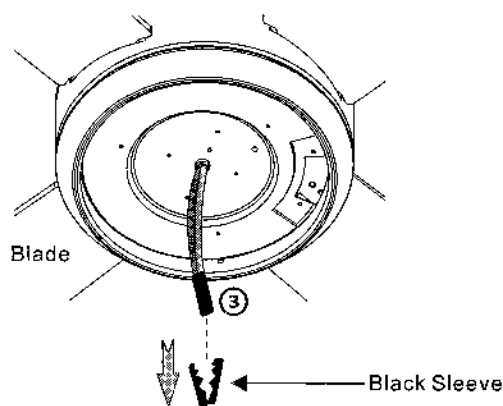
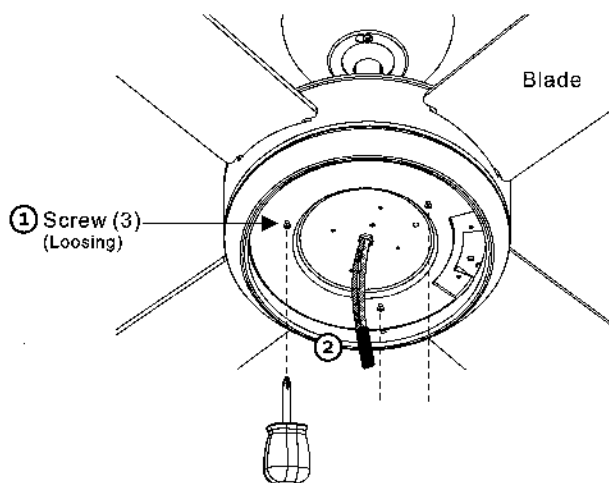
### 4. BLADE INSTALLATION (With Light Kit Pan Attached)

- 4A. Remove the plate at light pan that covers the rectangular hole.
- 4B. ① Insert Blades into Blade slots of Rotating Band.  
② Fasten blades onto motor assembly through rectangular hole by using the washer & blade screws provided from hardware bag.
- 4C. Re-attach the plate in place after for 4 blade installation is completed.



### 5. LIGHT KIT INSTALLATION

- 5A. ① Loosen three pre-installed three screws on the light plate.  
② Stretch two light wires (Blue & Orange) slightly.  
③ Remove the black sleeve from two light wires (Blue & Orange).

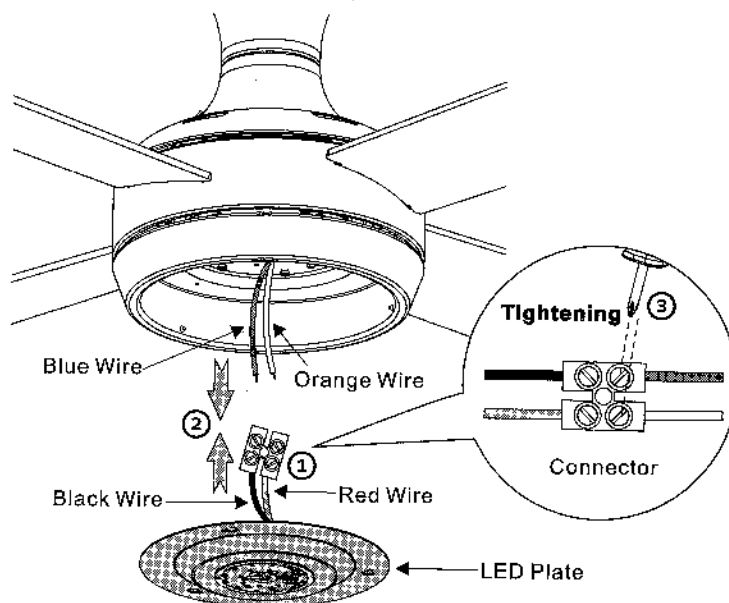


### 5B.

- ① Loosen two screws on the connector from LED plate.
- ② Insert the two light wires from fan to the connector.

Orange Wire (From fan) → L ← Red Wire (From LED)  
Blue Wire (From fan) → N ← Black Wire (From LED)

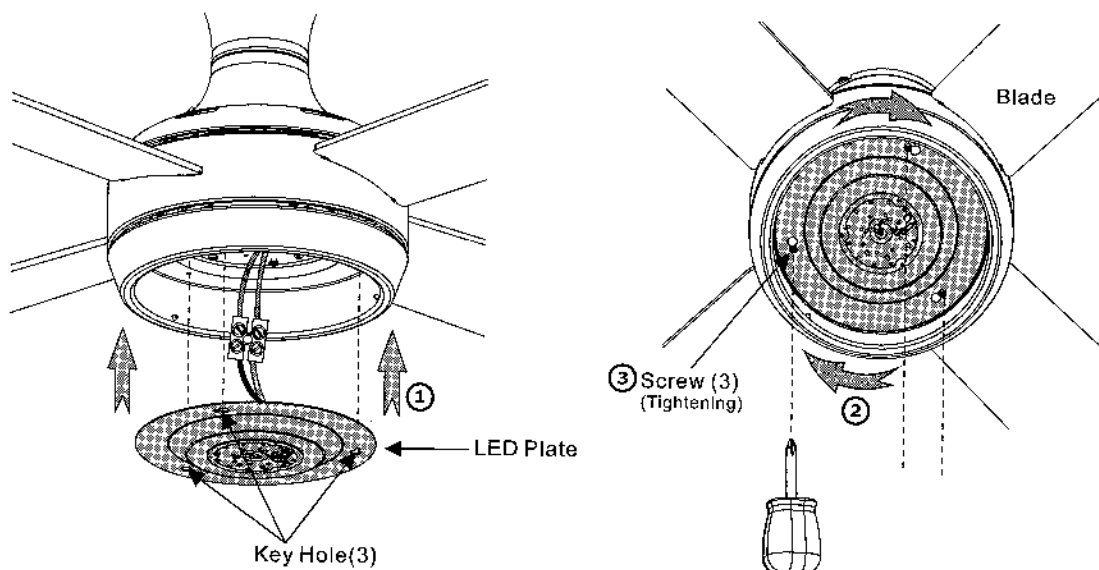
- ③ Tighten two screws on the connector.



### 5C.

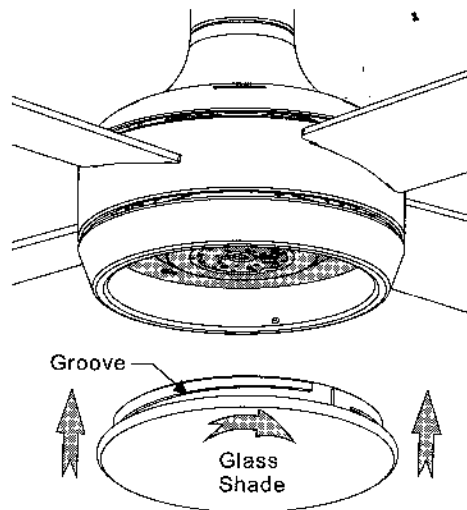
**Note:** Three screws are pre-installed on the light plate for the light kit installation.

- ① Push up the LED plate until three screws pre-screwed on the light plate are engaged with three key holes on the LED plate.
- ② Rotate the LED plate slightly until three pre-installed screw heads are engaged in the narrowed of key holes
- ③ Tighten three screws.



**5D.**

Attach the glass shade by screwing it onto the light kit pan clockwise.



**6. Turn on power at breaker box for operation.**

