ONIX

Installation Manual
SPIN © 2017

Model No.　　　SP960
　　　　　　　SP972
　　　　　　　SP984
　　　　　　　SP933
　　　　　　　SP984AL

Thank you for purchasing SPIN ceiling fans. Please take some time to register your product with us by mailing in the warranty card or register online at **www.spinfans.com.sg**

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PRECAUTIONS

1. To ensure the success of the installation, be sure to read the instructions and study the diagrams thoroughly before commencing.

2. All electrical work should only be undertaken after disconnection of the power by removing fuses or turning off the circuit breaker to ensure all pole isolation of the electrical supply. If you are in any doubt the services of qualified electrician should be sought to ensure that all work is carried out in accordance with the I.E.E. Regulations and local wiring regulations, current good practice and other national and local electrical codes.

3. Make sure that your installation site will not allow the rotation fan blades to come into contact with any object and that there is minimum clearance of 150mm (6") from the blade tip to the wall or ceiling. Please note that the bigger this clearance is, the better the airflow from your fan will be. Ensure the blades are mounted at a height of more than 2.3 meters from the floor when the fan is installed.

4. The fixing point for the fan must be able to support a weight of ten times that of the net weight of the fan. Net weight can be found on the bottom of the unit's box. The moving weight of the fan must not twist or work loose. For safety and best operating results, you must have a qualified electrician to assemble and install your fan.

5. This appliance is not intended for use by persons (Including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

6. The fan must be earthed and should be installed with a double pole single throw switch (Breaker Switch) with minimum 3mm contact gap in the fixed installation circuit.

7. Do not connect the fan motor to a dimmer switch. This may give an unsatisfactory performance (motor hum) and cause damages to the motor. This will void the warranty.

8. It is not recommended that ceiling fans and gas appliances be operated in the same room at the same time.

9. After the fan is completely installed, make sure that all connections are secured tightly to prevent any problems.

10. Because of the fan's natural movement, some connections may loosen. Check the support connections, brackets and blade attachments twice a year to make sure they are all secure. If they are loose, tighten with a screwdriver (It is no necessary to take the fan down from the ceiling).
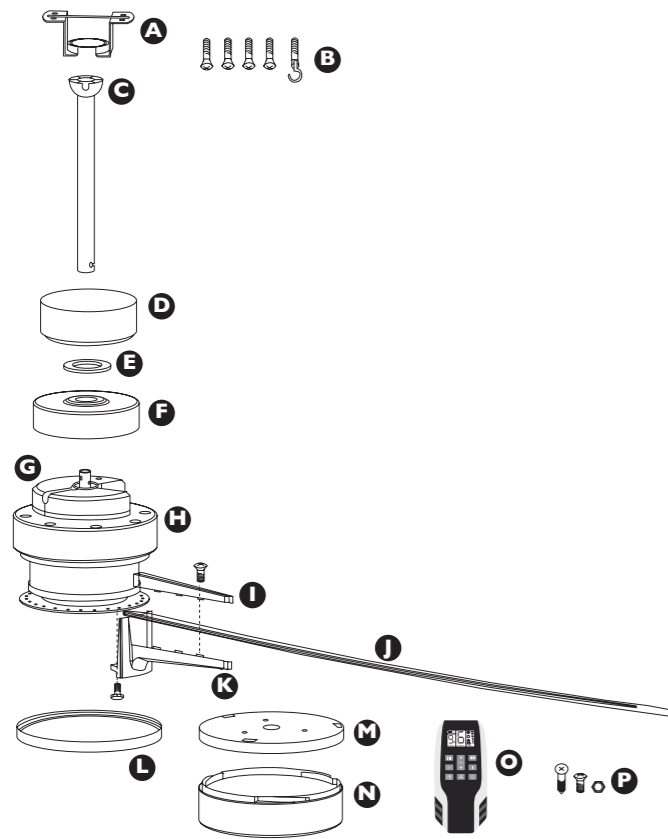
11. This fan is only compatible with SPIN lighting products and remote control.

12. Do not insert anything into the fan blades while the fan is in operation. This will damage the blades and upset the balance of the unit causing the unit to wobble.

13. For extra safety, contact SPIN Customer Care when in doubt with installation and check the fan every year to make sure there are no loose parts.

14. It is recommended for all customers to contact SPIN Customer Care for an inspection of the fan parts and its suspension once every two years. Fees may apply accordingly.
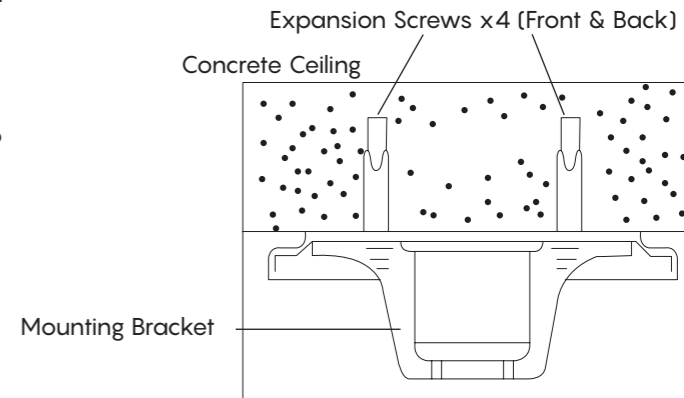
A — Mounting Bracket

B — Expansion Screw (x4) and "J" Hook (x1)

C — Downrod (Rod Ball, Down Rod, Cross Pin, Cotter Pin)

D — Ceiling Canopy

E — Canopy Screw Cover

F — Coupling Cover

G — Receiver

H — Motor

I — Blade Cover Set

J — Blade (Length variations based on model)

K — Blade Holder Set

L — Base Plate

M — LED Light Panel (Optional)

N — LED Light Cap (Optional)

O — Remote

P — Bag of Screws

1. MOUNTING BRACKET INSTALLATION

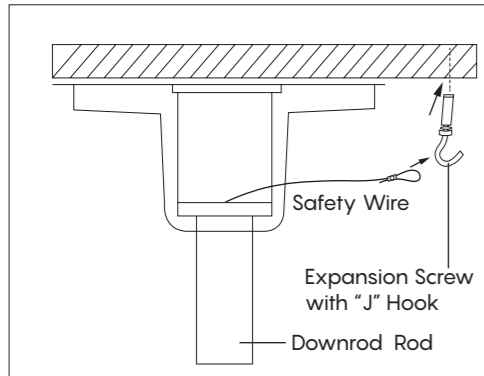Secure the Mounting Bracket to the concrete ceiling with the 4 expansion screws included.

! NOTE: After securing the mounting bracket, please ensure that it is able to bear a minimum tension of 30kg to make sure it's safe for operation.
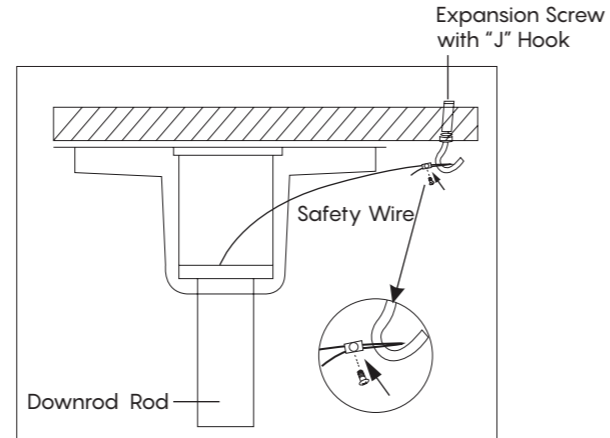

Expansion Screws x4 (Front & Back)

Concrete Ceiling

Mounting Bracket

2. ATTACHING THE SAFETY WIRE

Drill an approproate size hole into the ceiling that would fit the expansion screw with a "J" hook. Secure the screw into the ceiling and attach the safety wire to the "J" hook, as shown in the diagram:
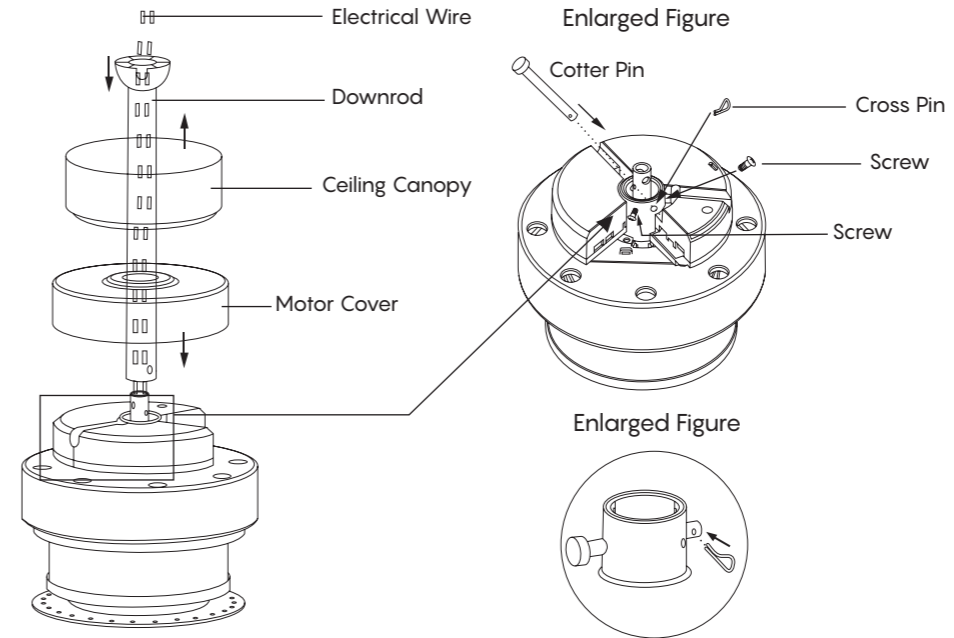
Safety Wire

Expansion Screw with "J" Hook

Downrod Rod

Tighten the screw after the rope is attached securely.

Expansion Screw with "J" Hook

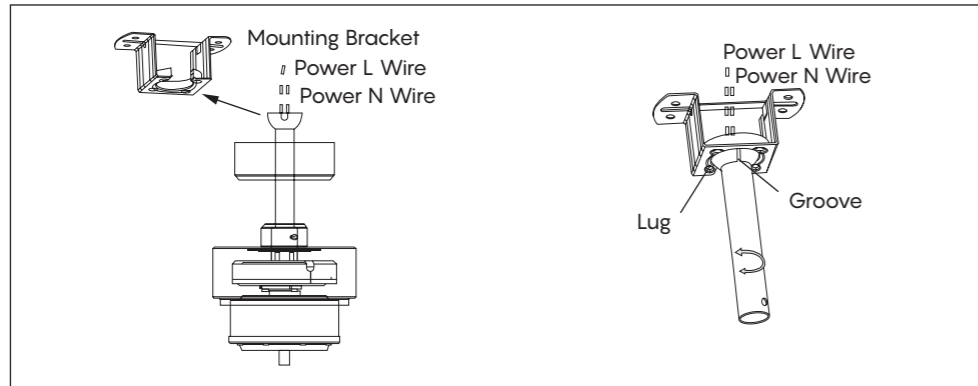Safety Wire

Downrod Rod

3. DOWNROD ASSEMBLY

Study the diagram below before you assemble the downrod. Insert the downrod through the ceiling canopy and receiver coupling cover. Direct the electrical wire through the downrod. Align the two holes of the downrod with the two holes on the yoke collar. Insert the cotter pin through the holes and insert the cross pin to secure. Tighten the two screws on the side after.

Electrical Wire

Downrod

Ceiling Canopy

Motor Cover

Enlarged Figure

Cotter Pin

Cross Pin

Screw

Screw

Enlarged Figure
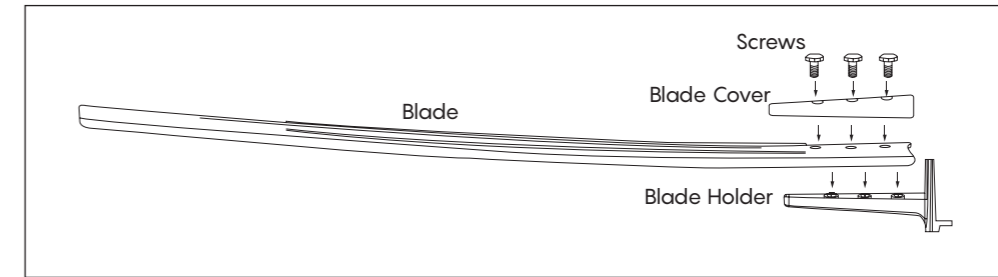
4. HANGING THE FAN

Hang the fan onto the hanger bracket following the illustration below. Insert the downrod into the slot in the mounting bracket, rotate the downrod and align the groove on the rod ball with the groove on the mounting bracket.
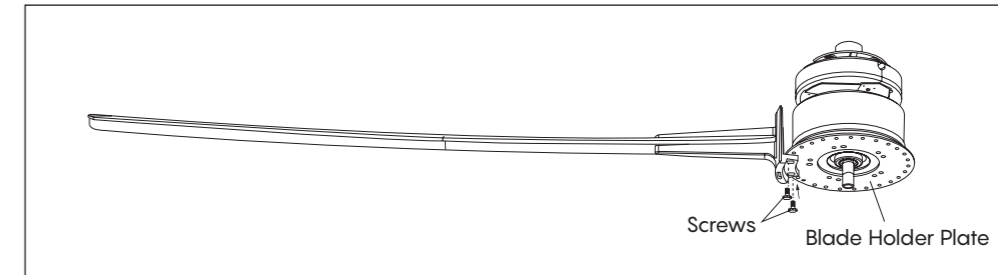

Mounting Bracket
Power L Wire
Power N Wire

Power L Wire
Power N Wire

Lug
Groove

5. INSTALLING THE BLADES

To assemble the blades, fasten three screws following the diagram as shown:

Screws
Blade Cover
Blade
Blade Holder

To secure the ready blades onto the blade holder plate, fasten the blade holders to the holes at the bottom of the plate with the screws provided.
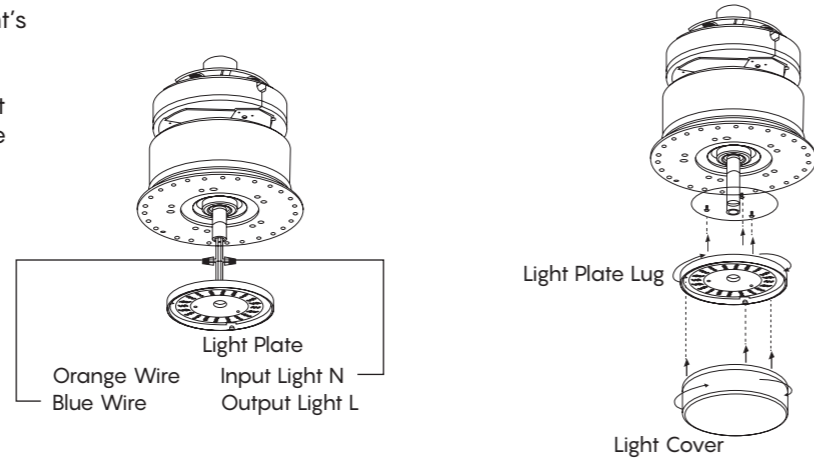

Screws
Blade Holder Plate

6. BASE PLATE / LED LIGHT INSTALLATION

If you are not installing any LED light, you can now attach the base plate to the fan body by locking it in a clockwise direction.

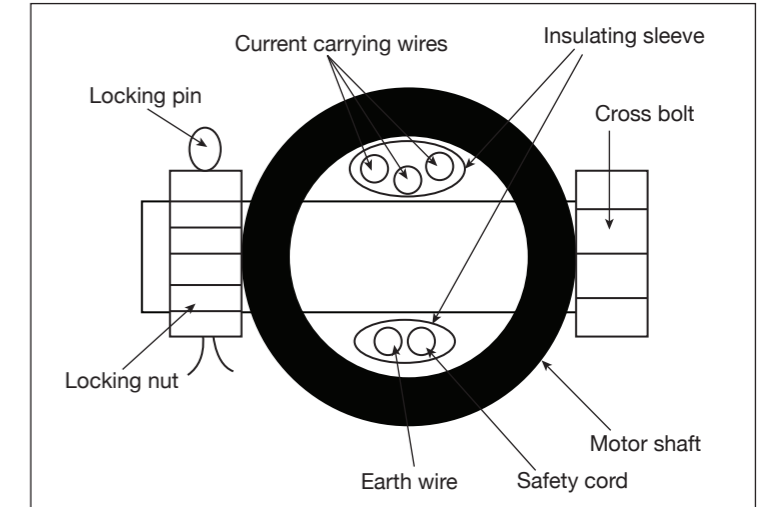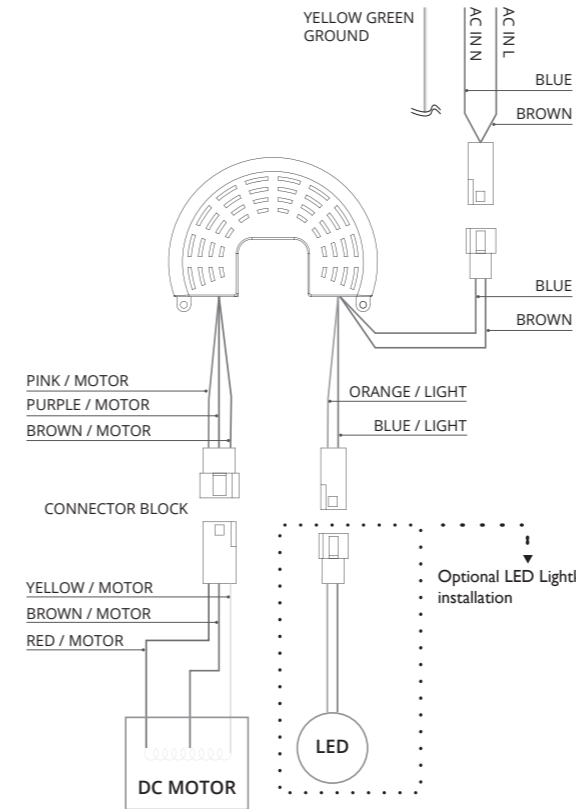If you are installing an LED light, please follow these steps:

1. Output live wire connect with light's live wire. The output neutral wire connects with the light's neutral wire.

2. Align the three screws of the throught the light plate and the light, rotate the plate to lock the screws and tighten them.

Light Plate

Orange Wire   Input Light N
Blue Wire   Output Light L

Light Plate Lug

Light Cover

YELLOW GREEN GROUND

AC IN N
AC IN N
AC IN L

BLUE
BROWN

BLUE
BROWN

PINK / MOTOR
PURPLE / MOTOR
BROWN / MOTOR

ORANGE / LIGHT
BLUE / LIGHT

CONNECTOR BLOCK

YELLOW / MOTOR
BROWN / MOTOR
RED / MOTOR

Optional LED Lightkit installation

LED

DC MOTOR

Wires should not be under any stress after installation.

Ensure that the wires are not compromised within the droprod, if the fan is being suspended by a droprod.

Current carrying wires   Insulating sleeve

Locking pin

Cross bolt

Locking nut

Motor shaft

Earth wire   Safety cord

Pairing of Remote Control

Firstly, ensure the power supply to the ceiling fan is switched off and the remote is not in use.

Switch on the power to the ceiling fan, you should hear a "beep". **Within 3 seconds**, press the Power Button 🌀 to switch on the fan.

Proceed to press the Timer Button ⏲ . Upon completing these steps, you will hear a long "beep" from the receiver. This signals that the remote control has been paired successfully.

However, if you do not hear the long "beep", please switch off the power source to the ceiling fan and repeat the above steps again.

Do bear in mind you have to start the pairing **within 3 seconds** of switching on the ceiling fan's power source.

Icon	Description
↑↑↑	Forward / Reverse Function: Press and hold to toggle between each mode.
≋	Natural wind mode: Turn on / off Natural Wind function.
⏲	Timer Function: Set the timer option with a single press of the button (between 1 hour to 9 hours). Press and hold to turn off the timer.
▲ Speed ▼	Speed Buttons: Adjust fan speed. ▲ Increase fan speed ▼ Decrease fan speed
🌀	Fan Power Button: Turn on / off the fan.
◑	LED Tone Switch: Toggle between the three LED tones – Cool, Day and Warm.
I	LED Light On Button: Turns On the LED light.
O	LED Light Off Button: Turns Off the LED light.

TROUBLESHOOTING

SPIN CUSTOMER CARE

! WARNING: Failure to turn off the power supply prior to troubleshooting any electrical wiring may result in serious injury.

Should you face any difficulties resolving any problems, please contact our SPIN's dedicated Customer Care.

PROBLEM	Failure to operate
PROPOSED SOLUTION(S)	Check power supply is turned on. Check if fan wiring is correct. Check if the wiring of the remote control's receiver is correct. Check if remote control's batteries are installed properly.
PROBLEM	Unable to control speed and/or light.
PROPOSED SOLUTION(S)	Check if the wiring of the remote control's receiver is correct. Check if remote control's batteries are working and installed properly.

SPIN Customer Care

Service Centre   : 6298 1038
Operating hours : Monday – Friday | 10am – 5pm

NOTES

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