



LUCCI AIR RADAR DC CEILING FAN

New Edition – V2

- **INSTALLATION**
- **OPERATION**
- **MAINTENANCE**
- **WARRANTY INFORMATION**

CAUTION
**READ INSTRUCTIONS CAREFULLY FOR SAFE
INSTALLATION AND FAN OPERATION.**

THANK YOU FOR PURCHASING

Thank you for purchasing the latest in energy saving ceiling fans. This fan runs on DC (direct current) power which gives it the benefit of being super energy efficient whilst still maintaining high volume air-movement and silent operation.

Energy saving - The DC motor is the latest technology in fan design. Its highly efficient motor saves up to 65% more energy than ceiling fans with traditional AC motors.

Silent operation – This DC fan motor is programmed with a stabilised current which efficiently reduces motor noise.

Low operating temperature – The DC power is managed effectively which brings down the motor operating temperature to less than 50°C. This results in a much cooler motor than a standard AC fan and increases the longevity of the motor.

6 speed remote control - Regular AC ceiling fans usually come with only 3 speeds, this DC fan comes complete with a 6 speed remote, which gives a greater choice of comfort levels.

SAFETY PRECAUTIONS

1. The 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 the use of the appliance by a person responsible for their safety.
2. Children should be supervised to ensure that they do not play with the appliance.
3. An all-pole disconnection switch must be incorporated into the fixed wiring, in accordance with local wiring rules.

IN AUSTRALIA

WARNING:

**FOR SAFE USE OF THIS FAN AN ALL-POLE DISCONNECTION
MUST BE INCORPORATED INTO THE FIXED WIRING IN
ACCORDANCE WITH THE WIRING RULES.**

As outline in clause 7.12.2 of AS/NZS 60335-1 for meeting the minimum electrical safety of this standard.

Please note warranty will be void if installation is without a means for an all-pole disconnection incorporated in the fixed wiring in accordance with



the wiring rules.

Example: If a fan is connected to a circuit that can be isolated via an all-pole safety switch at the switchboard, then this is considered to be an all-pole disconnection to the ceiling fan electrical circuit, meeting the requirements of clause 7.12.2 of AS/NZS 60335.1.

A single-pole switch on the active of the receiver input of remote control must also be included in the wiring, and located the same room as the ceiling fan.

4. The structure to which the fan is to be mounted must be capable of supporting a weight of 30kg.
5. The fan should be mounted so that the blades are at least 2.1 m above the floor.
6. This fan is designed for indoor use only. Mounting the fan in a location where it is subject to water or moisture is dangerous and may increase the risk of damage, injury or electrical shock and will void the warranty.
7. Must be assembled and installed by a licensed electrician.
8. **WARNING:** If unusual wobbling or oscillating movement is observed, immediately stop using the ceiling fan and contact the manufacturer, its service agent or suitably qualified persons.
9. The replacement of parts of the safety suspension system device shall be performed by the manufacturer, its service agent or suitably qualified persons.
10. The fixing means for attachment to the ceiling such as hooks or other devices shall be fixed with a sufficient strength to withstand 4 times the weight of the ceiling fan; that the mounting of the suspension system shall be performed by the manufacturer, its service agent or suitably qualified persons.



PARTS LIST

- Unpack your ceiling fan carefully. Remove all parts and hardware.
- Lay out all the components on a smooth surface and make sure there are no components missing before assembling. If parts are missing, return the complete product to the place of purchase for inspection or replacement.
- Check whether the ceiling fan has been damaged during transport. Do not operate/install any product which appears damaged in any way. Return the complete product to the place of purchase for inspection, repair or replacement.
- Examine all parts, you should have the following:

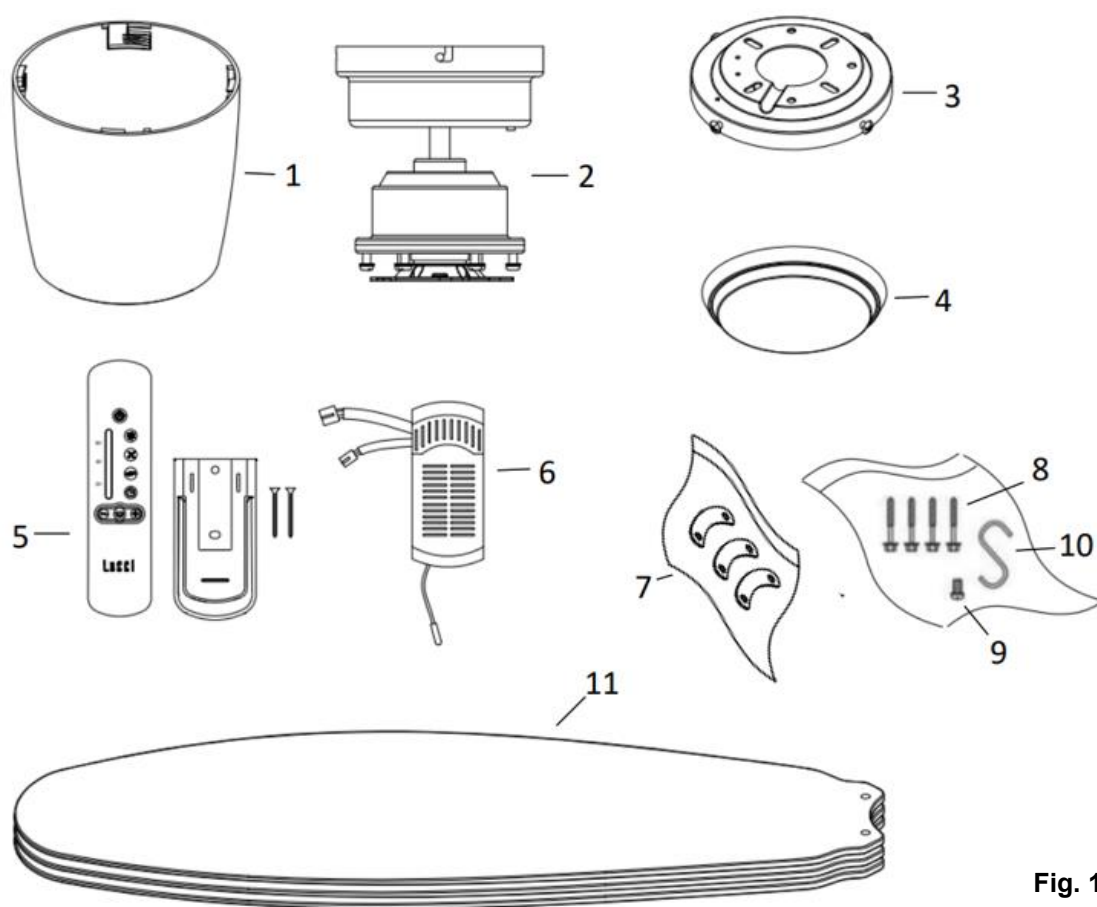


Fig. 1

1	Motor housing x 1	7	Blade bracket kits x 3
2	Fan assembly x 1	8	Mounting screws x 4
3	Mounting bracket x 1	9	Spare Motor screw for blade x 1
4	Bottom cover x 1	10	S hook x 1
5	Remote controller (include 2x screws; 1x holder) x 1 set (P210127)	11	Blades x 3
6	Receiver x 1 set (P210150)		



INSTALLING THE FAN

- The ceiling fan must be installed in a location so that the blades are spaced 300mm from the tip of the blade to the nearest objects or walls.
- Install the hanging bracket to the ceiling joist or structure that is capable of carrying a load of at least 30kg, with four long screws provided. Ensure at least 30mm of the screw is threaded into the support. (Fig. 2)

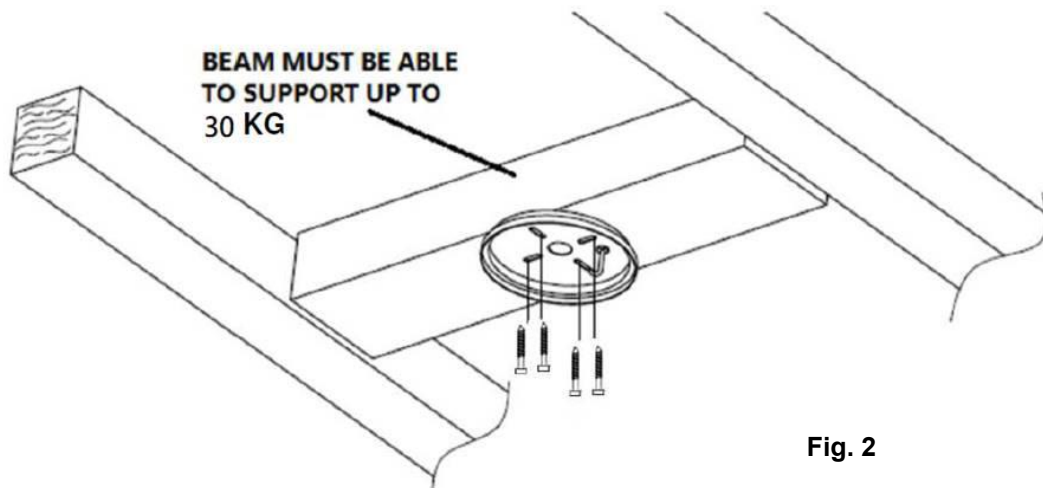


Fig. 2

NOTE: The bracket screws provided are for use with wooden structures only. For structures other than wood, the appropriate screw type **MUST** be used. Ensure the screws used are suitable for the mounting surface and the surrounding environment.

ANGLED CEILING INSTALLATION

This fan hanging system **DOES NOT** support a degree angled ceiling installation.



INSTALLING THE FAN

HANGING THE FAN MOTOR ASSEMBLY

- Loosen two canopy screws (1) and remove from the mounting bracket. (Fig.3)

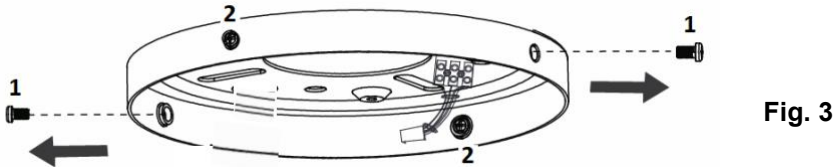


Fig. 3

- Lift the fan assembly (B) up to the mounting bracket(A). Hang the fan assembly onto the mounting bracket by S-hook (C). (Fig.4)

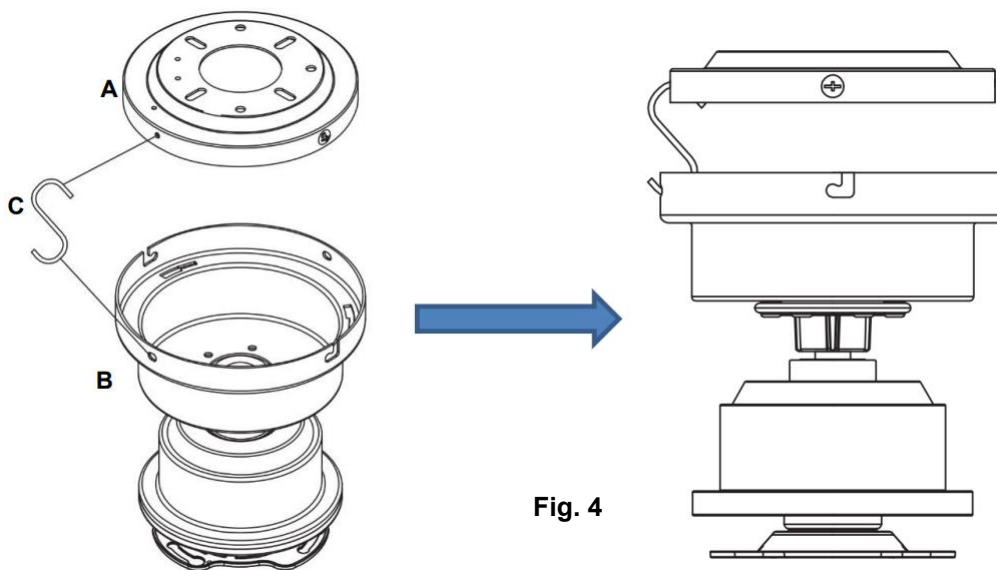


Fig. 4

- Complete the electrical wiring according to the 'ELECTRICAL WIRING DIAGRAM' section below.

PREPARE AND COMPLETE THE ELECTRICAL WIRING --- WIRING DIAGRAM (FIG. 5)

WARNING: FOR YOUR SAFETY ALL ELECTRICAL CONNECTIONS MUST BE UNDERTAKEN BY A LICENSED ELECTRICIAN.

NOTE: AN ADDITIONAL ALL POLE DISCONNECTION SWITCH MUST BE INCLUDED IN THE FIXED WIRING.

NOTE: IF THERE ARE TWO OR MORE DC CEILING FANS INSTALLED IN THE ONE LOCATION, AN ISOLATION SWITCH IS REQUIRED FOR EACH CEILING FAN. THIS IS REQUIRED WHEN PROGRAMMING THE REMOTE AND RECEIVER TO PAIR TOGETHER.

Ensure the motor earth wire is connected to the single earthing terminal block "1" in the diagram below.



From mains supply to mounting bracket terminal block: (Fig. 5)

1. Connect the live supply wire to the “L” terminal of the terminal block on the mounting bracket.
2. Connect the neutral supply wire to “N” terminal of the terminal block on the mounting bracket.
3. Connect the earth wire to the earth terminal of the terminal block on the mounting bracket.

From mounting bracket to receiver and motor: (Fig. 5)

4. Connect the supply wiring connector from the mounting bracket to the input of the receiver.
5. Connect the output wires connectors of the receiver to the input wires connectors of the fan motor and the light kit.
6. Connect the motor earth wire to the single earthing terminal block “1” from the mounting bracket.

220V-240VAC
POWER SUPPLY
L AC IN (LIVE)
N AC IN (NETURAL)

EARTH

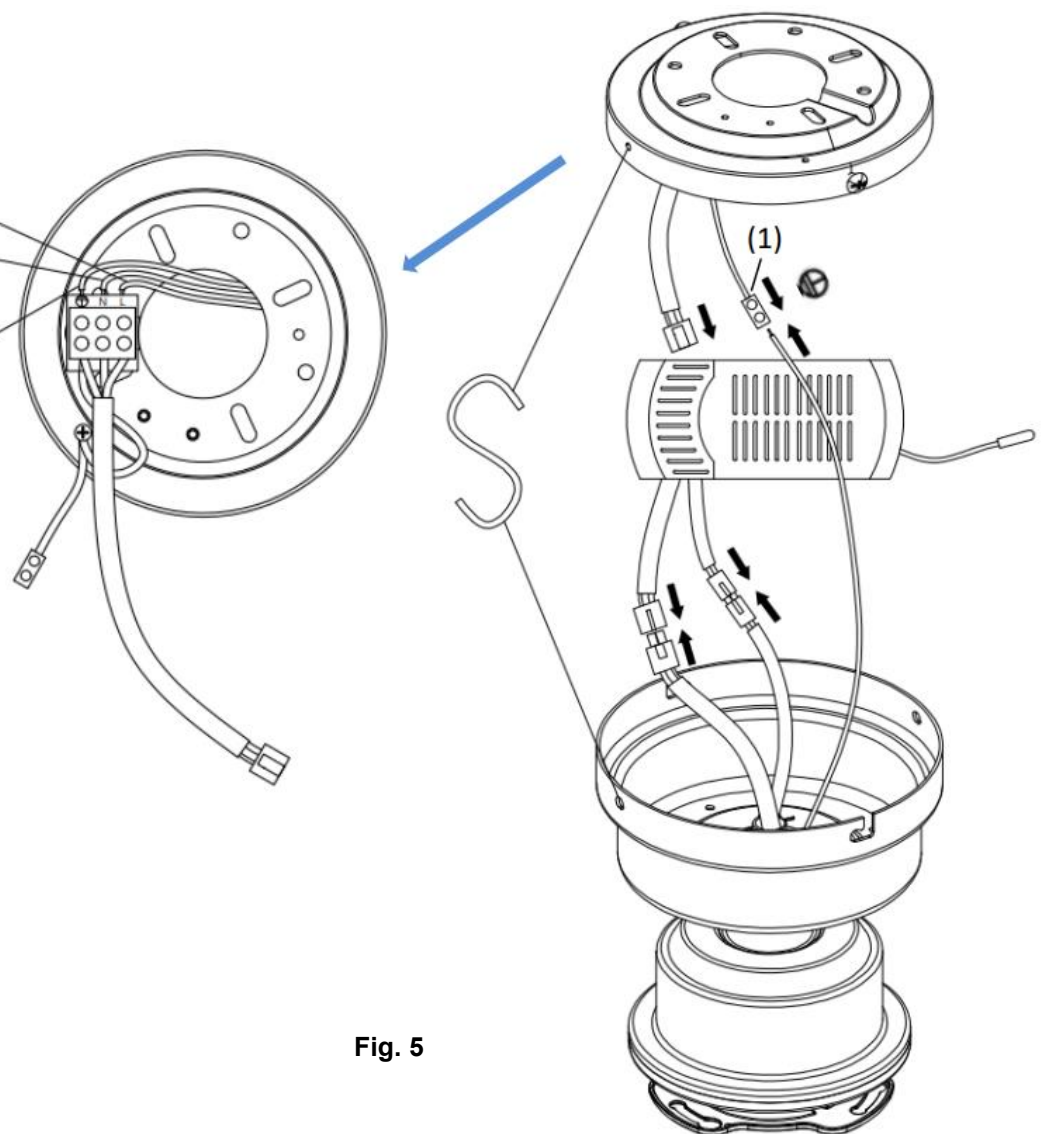


Fig. 5



INSTALL THE FAN ASSEMBLY TO THE MOUNTING BRACKET

- After completing the electrical connection at the mounting bracket terminal block, connect the ceiling fan wiring via the quick connector plug.
- **NOTE: Ensure the earth wiring is secure and correct by performing an earth continuity test from the fan's accessible metal body back to the earth terminal at the terminal block on the mounting bracket.**

Install the fan assembly to the mounting bracket (Fig.6):

- Loosen two canopy screws with star washers (2) by half a thread from the mounting bracket. (For L-shape slot on the canopy to be mounted).
- Remove the S-hook (C) from the mounting bracket and fan assembly
- Lift the hanging plate of the fan assembly (B) up to the mounting bracket and let the L-shape slot on the hanging plate go through the two canopy screws with star washers (2). (Fig.6)
- Turn the hanging plate of the fan assembly until it locks in place at the end section of the L-shape slot, ensuring the star washers are between the hanging plate and screw head. Secure it by tightening the two canopy screws with star washers (2).
- Secure and tighten the canopy screws (1) to the mounting bracket. The hanging plate of the fan assembly shall have 4 screws (1) & (2) in total. Avoid damaging the electrical wiring prepared previously when hanging the hanging plate.

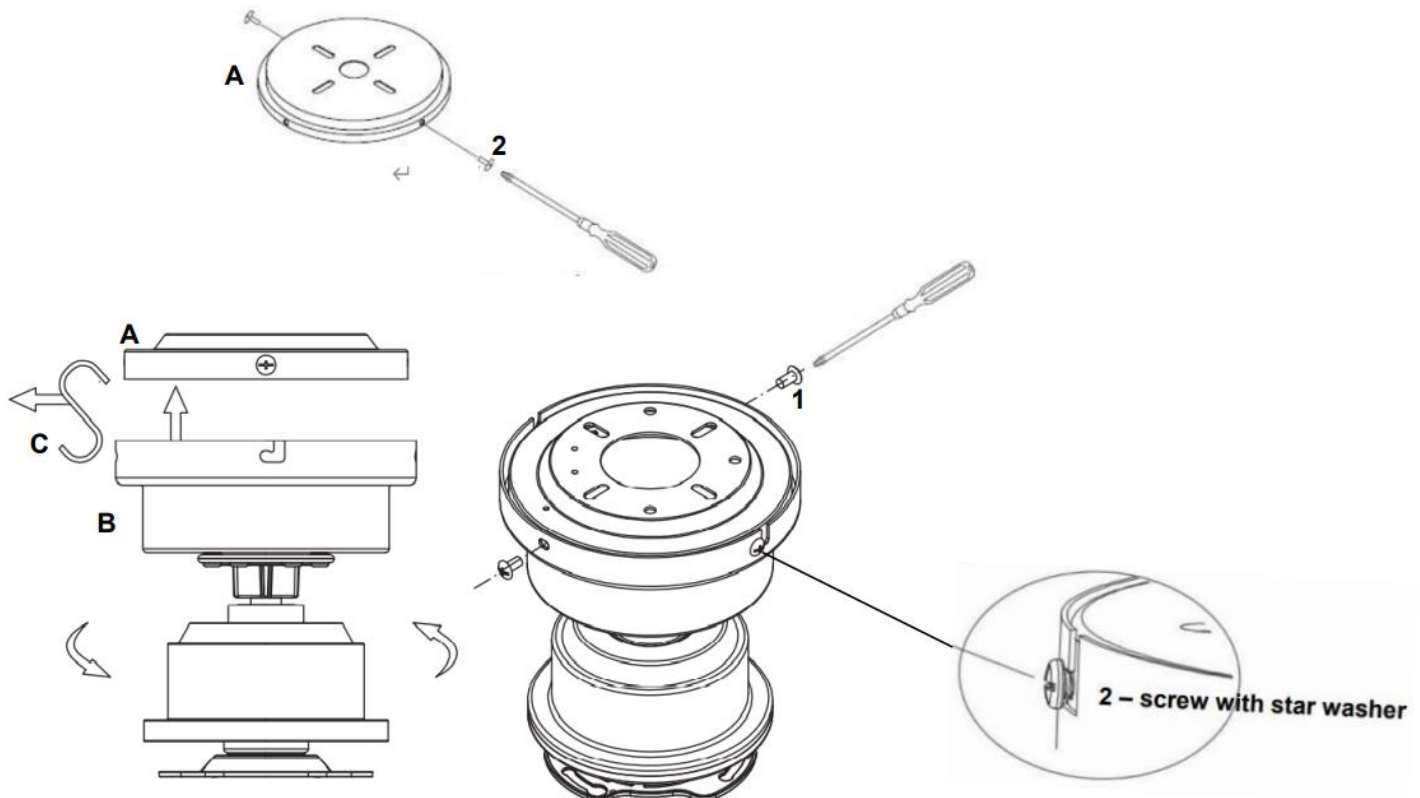


Fig. 6



- Align the arrow mark on the groove surface of the motor housing up to the screw of the mounting bracket. Align the inner grooves of the motor housing up to the screws of the mounting bracket. (Fig.7)

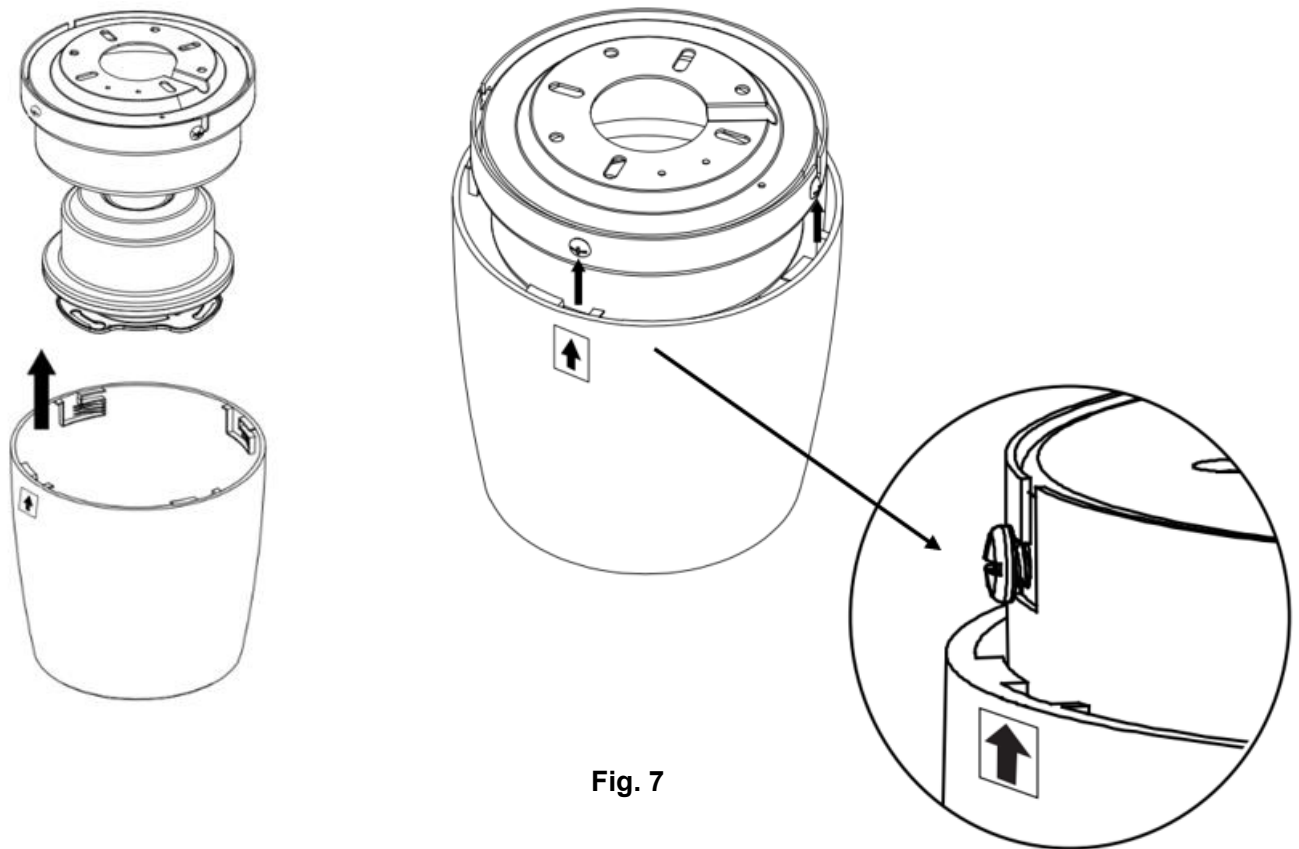


Fig. 7

- Finally, attach the motor housing to the hanging plate of the fan assembly and secure it by anticlockwise. (Fig.8)

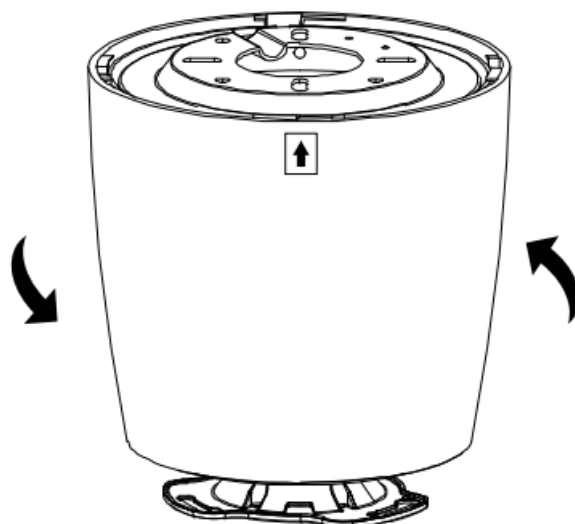


Fig. 8

BLADE INSTALLATION (Fig.9)

- Remove the six pre-installed blade screws from the motor.
 - Insert the blade screws through the blade bracket and place them on the underside of the blade.
 - Align the screws with the holes and secure the blade onto the bottom of the fan motor.
Ensure the screws are tightened equally and evenly to reduce the chance of warping or unbalancing.
Take care not to over-tighten the screws as this can damage the blades.
- Take note that the correct side of the blades with the marking “THIS SIDE UP” faces the ceiling.**
- Repeat the process for the remaining blades.

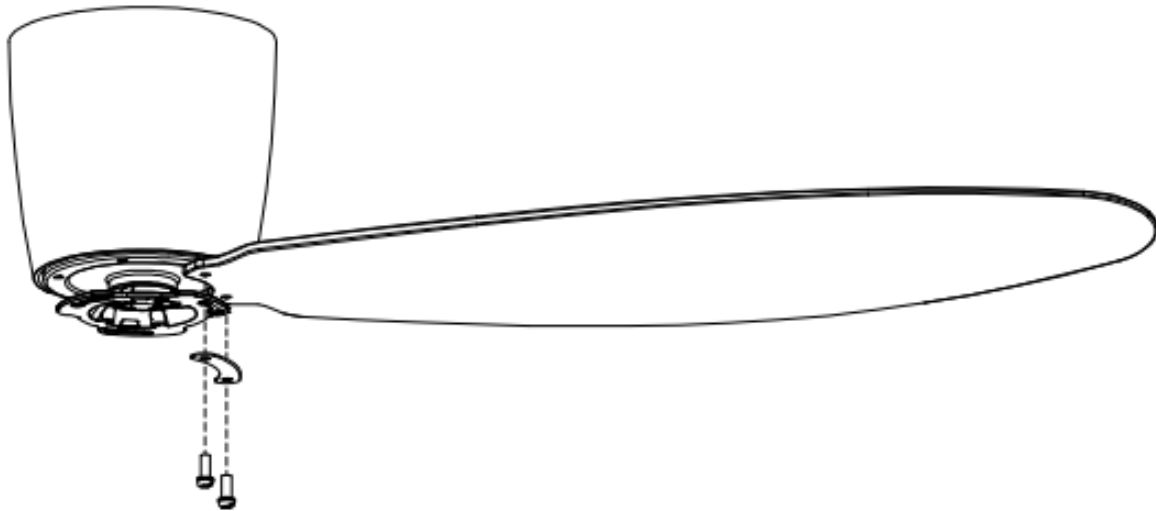


Fig. 9

NOTE: Don't run the motor without blades installed!

INSTALLATION OF Bottom cover (Fig. 10)

- Install the bottom cover onto the fan assembly by rotating it clockwise.

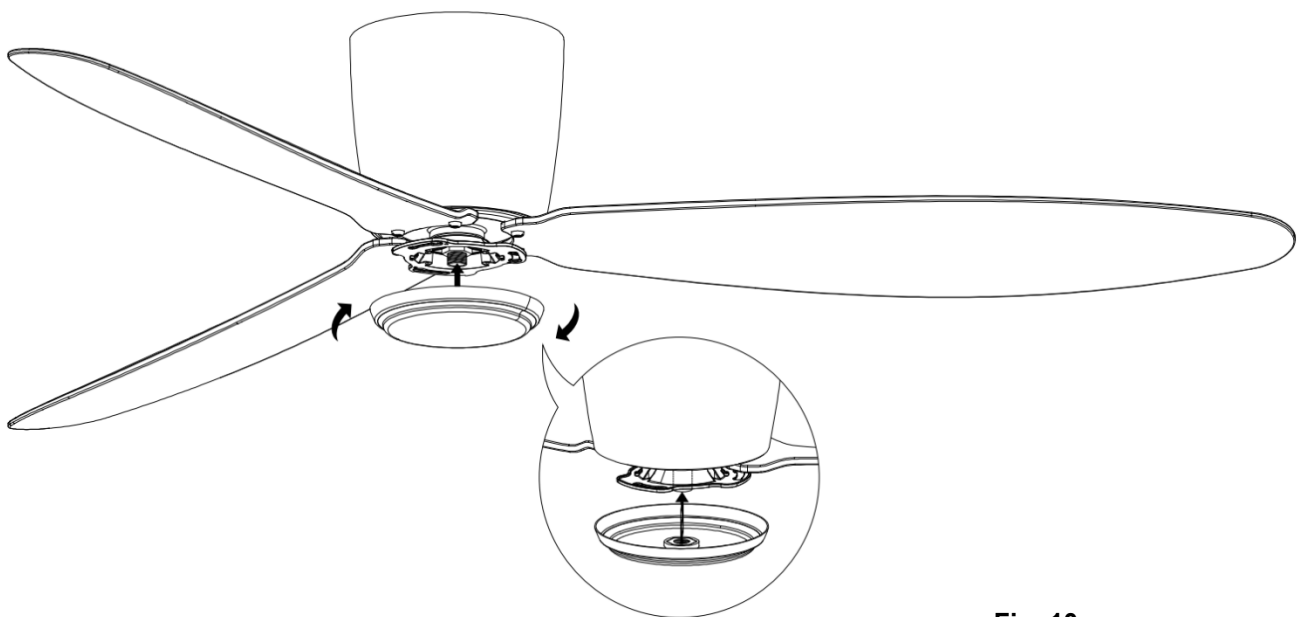


Fig. 10



INSTALLATION OF LIGHT KIT (sold separately)

- **NOTE:** The light kit must be installed by a licensed electrician.
- The light kit is sold separately. (SKU# 210249, 210250, 210251, 210252, 210253, 210254)
- Remove the bottom cover from the fan assembly by rotating it counterclockwise.
- Remove the heat shrink tube from the connector. (Fig. 11)
- For further instructions, please refer to the instructions included with the light kit.

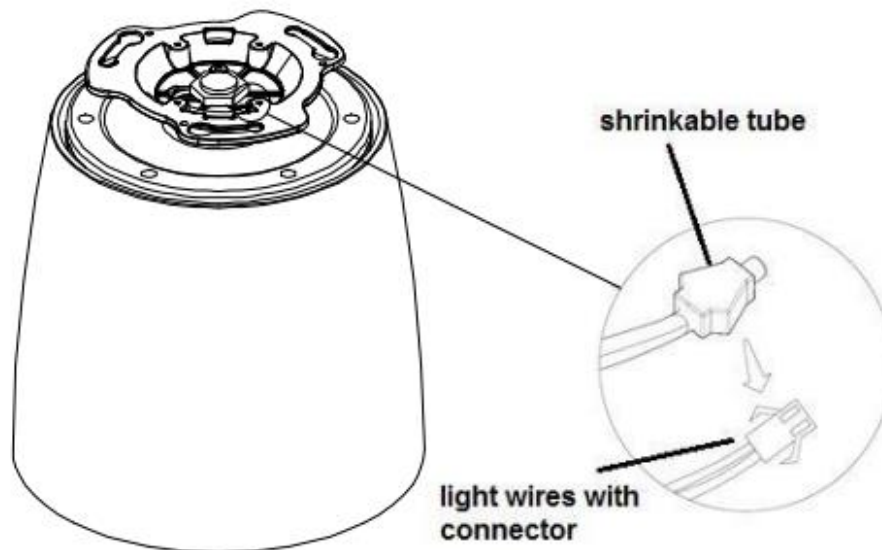


Fig. 11

INSTALLING THE TRANSMITTER HOLDER (Fig.12)

- Locate a suitable wall to fix the remote control holder with the 2 screws. (Fig.12a).
- Slide the remote into the holder to rest the remote. (Fig. 12b)

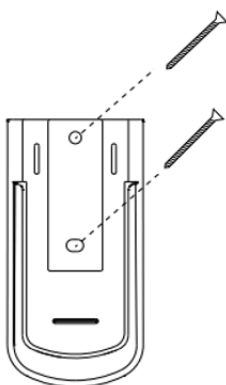


Fig. 12a



Fig. 12b

USING YOUR CEILING FAN

REMOTE CONTROL

1. Test the remote by pressing and holding any button. The LED will be lit up green light on the remote to indicate that there is power to the remote and it is ready for use to control the fan.
2. Follow the guide below to operate the fan and learn the functions.



: Fan Off Button

Press the button to turn the fan off



: Fan Increase Speed Button

Press the button to increase the fan speed, the fan has a total 6 speeds.



: Fan Decrease Speed Button

Press the button to decrease the fan speed, the fan has a total 6 speeds.



: Reverse Function Button

Press the button to activate the reverse running function.

The fan must be operating to activate the reverse function.



: Timing control of the fan and light

(2 hour, 4 hours, 8 hours)

When the fan/light is working, press the button to activate the timer function and increase or decrease the time setting: 2 hours or 4 hours or 8 hours. The fan/light will turn off after the set time.



: Light On /Off Button

Press the button to turn the light on /off



: Light brightness increase button



: Light brightness decrease button



**USB TYPE -C
Charging port**

TYPE C USB charging port: When charging, the LED red light on the remote will always be on to indicate the battery is charging until the battery is full. The LED red light on the remote will turn off after the battery is full.

NOTE: If the battery is low, when pressing any buttons on the remote, the LED red light on the remote will flash 10 times in 3 seconds.

The remote has a memory function. If the fan or light is turned off by the isolating switch for over 7 seconds, the next time to turn on the fan or light will be on the last setting

THE FAN RECEIVER & REMOTE PAIRING

NOTE: This remote is supplied with default coding, the fan can be used without further pairing.

When the ceiling fan is installed, pairing the fan receiver and remote is NOT required.



REPAIRING THE FAN RECEIVER & REMOTE PAIRING

Note: The remote and receiver have already been paired during manufacturing. The following steps are only necessary if the remote and fan become unpaired or if you need to pair multiple fans.

When operating this pairing function, please stand within 3 meters of the fan.

PAIRING REMOTE & RECEIVER – WHEN 1 DC CEILING FAN IS INSTALLED IN ONE LOCATION

NOTE: Ensure that you have installed a single pole disconnection switch in the fixed wiring for the fan.

NOTE: Ensure power to the receiver is ON prior to pairing the remote with the receiver.

- Turn OFF the mains supply to the fan by the on/off wall switch for 30 seconds.
- Turn ON the power to the receiver.
- Press and hold the  button on the remote for 5 seconds within 30 seconds of switching the power ON to the receiver of the ceiling fan.
the LED on the remote will flash rapidly to indicate that the pairing process is successful.
If the fan has a light kit attached, the light will flash twice to indicate the pairing process is successful.
- Turn ON the fan and change the speed of the ceiling fan via the remote to check the operation and successful pairing.
- If pairing has been unsuccessful, repeat this set of steps.

PAIRING REMOTE AND RECEIVER – WHEN 2 OR MORE DC CEILING FANS ARE INSTALLED IN ONE LOCATION

NOTE: Ensure that you have installed a single pole disconnection switch in the fixed wiring for each fan.

- If you want to control 2 or more ceiling fans with one remote, do as explained in the normal pairing process, but make sure all the ceiling fans' wall switches are turned ON.
- If you want to control them with individual remotes, do as explained in the normal pairing process, but make sure the other ceiling fans' wall switches are turned OFF. After the first fan is paired, turn the wall switch OFF and continue the normal pairing process with the next fan.

RESET TO DEFAULT FOR THE REMOTE CONTROL:

Press and hold the  button on the remote for 15 seconds within 30 seconds of switching the power ON to the receiver of the ceiling fan. When it exceeds 5 seconds, the LED on the remote will flash rapidly for pairing. Keep pressing the button until it exceeds 15 seconds, the LED on the remote will flash rapidly again, and the receiver will return to the default factory setting.

After resetting, the fan receivers will return to default mode and can be controlled by all remotes.

Note: When operating this reset function, please stand within 3 meters of the fan.

WITH WIFI FUNCTION

NOTE: The fan has a Wi-Fi function. If you don't want to control the fan with the remote, you can also use the Wifi function to control your fan.

Install the WIFI Module (SKU#216180, not included – sold separately) onto the fan remote receiver.

Switch on the power, then set up the wireless & in-app control according to the '[LUCCI CONNECT user guide](#)'



RESET OF WIFI MODULE :

There are 2 systems for this remote, please try option A) first, if the fan doesn't beep, please try option B).

Option A: press and hold the “” button and the “” button, when the fan beeps, release it.

Option B: press and hold the timer “” button, when the fan beeps, release it.

Note: when operating this reset function, please stand within 3 meters of the fan.



Option A



Option B

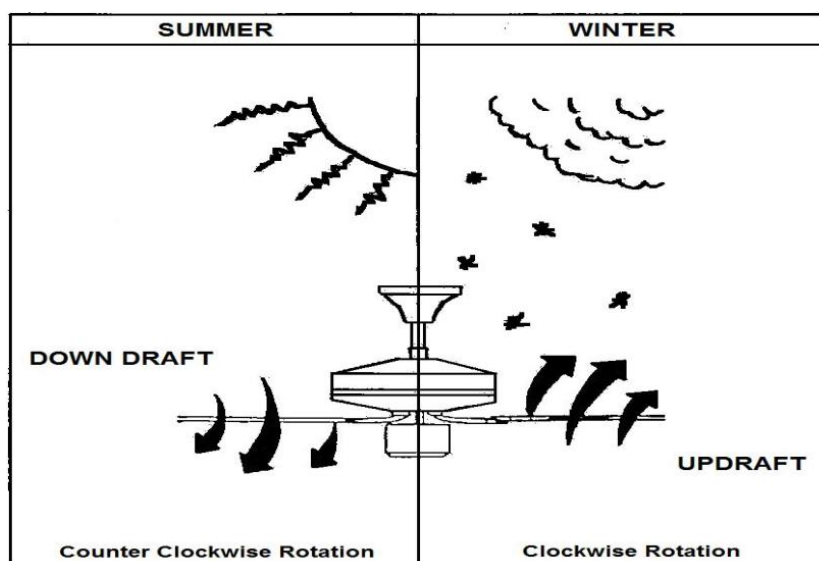
**** When pairing, please follow the instruction on Lucci Connect APP**

REVERSE FUNCTION

Your ceiling fan can operate either in fan (summer) mode or reverse fan (winter) mode. Use the “” button on the remote to switch between summer and winter mode.

Summer mode: The fan will rotate in an anticlockwise direction. The airflow will be directed downwards, for cooling in summer.

Winter mode: The fan will rotate in a clockwise direction. The airflow will be directed upwards, for energy conservation, ensuring an even temperature throughout your room during winter.



REPAIRING THE FAN RECEIVER & REMOTE PAIRING

Should the remote and receiver lose control after installation or during use, the pairing of the remote and the receiver must be repaired. Below are the operating symptoms and the method to repair the pairing of the DC ceiling fan remote and receiver.

Symptoms:

- Loss of control - Fan is only running at high speed after installation
- Loss of control - No reverse function after installation
- Loss of control - Remote cannot communicate with the receiver

Repairing Steps:

- Switch OFF the main power to the ceiling fan for 30 seconds.
- Switch ON the main power of the ceiling fan. Follow the same process as described in the 'Pairing remote & receiver' section to repair the pairing.
- Turn on and select the different speeds of the ceiling fan to check the operation of the fan.

AFTER INSTALLATION

NOTE: Ceiling fans tend to move during operation due to the fact that they are mounted on a rubber grommet. If the fan was mounted rigidly to the ceiling it would cause excessive vibration. Movement of a few centimeters is quite acceptable and DOES NOT suggest any problem.

TO REDUCE THE FAN WOBBLE: Please check that all screws which fix the mounting bracket and down rod are secure.

NOISE:

When it is quiet (especially at night) you may hear occasional small noises. Slight power fluctuations and frequency signals superimposed in the electricity for off-peak hot water control, may cause a change in fan motor noise. This is normal. Please allow a 24-hour "settling-in" period, most noises associated with a new fan disappear during this time.

The manufacturer's warranty covers actual faults that may develop and NOT minor complaints such as hearing the motor run – All electric motors are audible to some extent.



CARE & CLEANING

NOTE: Always turn OFF the power at the mains switch before performing any maintenance or attempting to clean your fan.

- Every 6 months periodic cleaning of your ceiling fan is the only maintenance required. Use a soft brush or lint free cloth to avoid scratching the paint finish. Please turn off electricity power when you do so.
- Do not soak or immerse your ceiling fan in the water or other liquids. It could damage the motor or the blades and create the possibility of an electrical shock.
- Ensure that the fan does not come in contact with any organic solvents or cleaners.
- To clean the fan blade, wipe with only a damp clean cloth with NO organic solvents or cleaners.
- The motor has a permanently lubricated ball bearing so there is no need to oil.
- This remote contains a rechargeable Li-ion battery that is non-replaceable.

TECHNICAL INFORMATION

Fan	52" RADAR DC fan				
Fan Models	SKU# 210518 - V2	SKU# 210519 - V2	SKU# 212883 - V2	SKU# 212884 - V2	SKU# 212870 - V2
Rated Voltage	220-240V~ 50Hz				
Rated Wattage (Motor)	50W				
Rated wattage (Lamp)	N/A				
Compatible light kits	Light kits: SKU# 210249, 210250, 210251, 210252, 210253, 210254 (sold separately) GX53 lamp: SKU# 128160 (sold separately)				
Battery for remote	Rechargeable Li-ion battery (Non-replaceable, USB-C charging)				
Weight	4.5kg				
Canopy Dimensions	H:60mm Dia:153mm				



LUCCI CEILING FAN WARRANTY DETAIL

LUCCI FAN WARRANTY CONTACT INFORMATION:

Online Warranty Form: <https://www.beaconlighting.com.au/warranty-claims>

Email: warranty@beaconlighting.com.au

Lucci Fan Warranty Hotline: (Free Call) 1800 602 243

THIS WARRANTY IS VALID IN AUSTRALIA ONLY

In the event of service being required, please call the Lucci Fan Warranty Hotline on 1800 602 243 between 9am & 5pm (EST) Monday to Friday. Please make sure you have all the ceiling fan details filled out at the end of the manual before making the call.

Every Lucci ceiling fan is thoroughly inspected and tested before being released for sale. In addition to any warranty rights or conditions under statutory regulations, Lucci warrants all its ceiling fans against defective workmanship and faulty materials for two (2) years from the date of purchase. Following this, an additional seven (7) years motor replacement warranty applies. Lucci undertakes, at its option, to repair or replace, free of charge, each product or part thereof on condition that;

1. The fan or relevant part has not been subjected to misuse, neglect, or been involved in an accident.
2. The repairs are not required as a result of normal wear and tear.
3. The product was installed by a licensed electrical contractor.
4. A copy of the original receipt of purchase is presented.
5. 12 month warranty applies when used in any non-domestic applications.
6. This warranty does not cover stains, scratch and scuff marks, or dents if the product is purchased through a factory outlet or to refurbished items.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Lucci Design cannot be held responsible for any repair other than those carried out by it or one of its Authorised Service Agents. Please keep this warranty information in a safe place. This information must be produced in the event of service being required.

Distributed by:

Beacon Lighting

140 Fulton Drive

Derrimut, Victoria, 3026, Australia

Ph +613 9368 1000

Email: warranty@beaconlighting.com.au



CEILING FAN WARRANTY INFORMATION

LUCCI FAN WARRANTY CONTACT INFORMATION:

Online Warranty Form: <https://www.beaconlighting.com.au/warranty-claims>

Email: warranty@beaconlighting.com.au

Lucci Fan Warranty Hotline: (Free Call) 1800 602 243

Complete and retain this form for your personal records and warranty purposes.

NAME.....

ADDRESS.....

.....POSTCODE.....

MODEL NUMBER.....

(PO# + DATECODE Sticker here)

PO NUMBER or DATECODE

DATE OF PURCHASE.....

INSTALLING LICENSED ELECTRICIAN.....

.....

LICENCE No.....

ATTACH PROOF OF PURCHASE HERE

THIS COMPLETED DETAIL PAGE SHOULD BE PRODUCED AND SENT TO THE WHOLESALE OR THEIR AUTHORISED AGENTS BEFORE OBTAINING WARRANTY SERVICE

