

Model:156621-BN

Grayson LED 52" Ceiling Fan
Downrod Mount Only

SAFETY PRECAUTIONS

1. Turn off power at main electrical service box before starting installation
2. Electrical connections must comply with local code ordinances, national electrical codes, CEC, NEC and ANSI/NFPA 70.
3. Make sure the installation site you choose allows the fan blades to rotate freely without any obstructions.
4. When mounting the fan on a ceiling outlet box, Use an approved (CSA for Canada and UL for U.S.) ceiling fan box marked "**FOR FAN SUPPORT**". Ensure the outlet box is securely installed in place such that it is able to support at least the fan weight.
5. **WARNING:** To reduce the risk of fire, electric shock, or other personal injury, mount fan only on an outlet box or supporting system marked acceptable for fan support of 35 lbs (15,9 kg) or less and use the mounting screws provided with the outlet box. Most outlet boxes commonly used for the support of lighting fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.
6. Total Fan Weight For Reference: 52"approximate 9.5 kgs(20.95lbs).

WARNING

- **WARNING:** TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR PERSONAL INJURY, MOUNT TO OUTLET BOX MARKED ACCEPTABLE FOR FAN SUPPORT AND USE MOUNTING SCREWS PROVIDED WITH THE OUTLET BOX.
- Mount with the lowest moving parts at least 2.10 Meters (7 Feet) above floor or grade level.
- **DO NOT** operate reversing switch while fan blades are in motion. Fan be turned off and rotating blades stopped, reverse chain pulled, the speed must chain pulled again to start in the opposite direction.
- **WARNING:** TO REDUCE THE RISK OF INJURY TO PERSONS, ENSURE THE FAN LOWER COVER IS SECURELY ATTACHED ON THE FAN UPPER COVER BEFORE USE.

INSTRUCTIONS

The slide switch is for forward/reverse rotation.

In cold weather: Set to reverse rotation (clockwise). Airflow will be directed upward, circulating warm air.

In warm weather: Set to forward rotation (counter-clockwise). Airflow will be directed downward, circulating cold air.

REMOTE CONTROL

Install DC1.5V/AAA*2pcs battery (not included).Operation buttons on the remote:

HI : Turn on the fan at high speed

MED : Turn on the fan at medium speed

LOW : Turn on the fan at low speed

OFF : Turn off the ceiling fan

LIGHT ON/OFF: Press and release immediately to turn on or off the light.

DIMMER- Press and hold to dim or brighten lights to the desired level and release.

*Hold down to increase or decrease the light.

The light has a memory function so the light will stay at the same brightness as the last time it was turned off.

TROUBLESHOOTING

TROUBLE

1. Fan will not start
2. Fan sounds noisy
3. Fan wobbles or shakes excessively.

SUGGESTIONS

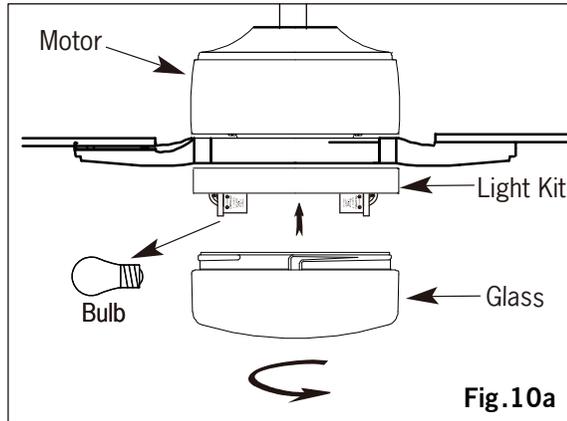
- Check wiring connections to fan.
- Check fuses and circuit breakers.
- Check wiring connections in switch housing.
- CAUTION: Turn power off for last two items.**
- Check to make sure that all screws in motor housing are snug.
- Check to make sure that blade bracket screws are tight.
- Check to make sure that marrettes in switch housing are not rattling against wall of switch housing.
- If fan has a light kit make sure switch housing screws and set screws are tight.
- Some fan motors are sensitive to signals from solid state variable controls. If solid state controller is used, change to an alternative control. (See a representative for a list of available controls.)
- Allow a 24 hour break in period to eliminate most noises.
- Check that all blades are screwed firmly into blade brackets.
- Check that blade brackets are secured firmly to motor.
- Check distance from tip of blades to ceiling.
- Check distance between blade tip to blade tip. All measurements should be equal. Loosen blade screws and position blade until even then re-tighten.
- Check that the downrod hemisphere notch is engaged in canopy.
- Check to make sure that jam screws in downrod are tightened.
- Make sure canopy and mounting bracket are tightened securely to wooden joist.
- Make sure warpage has not occurred in wooden blades. If so, contact the customer service department for replacement parts.

8.

LIGHT KIT

WARNING: BE SURE TO TURN OFF POWER BEFORE INSTALLING

- Install proper wattage and type of bulb identified on light kit or shade.
- Place glass on light kit by turning clockwise firmly for securement.

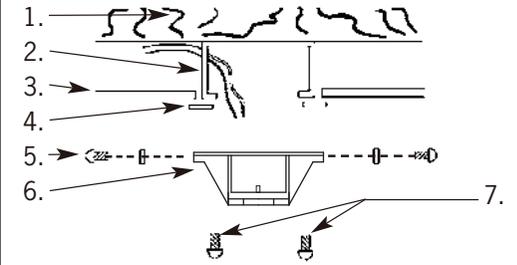


WARNING: Ensure that all connections, set screws and screws are securely tightened before the next step.

To clean the fixture, turn off the power, wait for it to cool, and wipe the fixture with a clean, soft cloth.

ASSEMBLY DRAWING

1. Wooden Joist
2. Approved (CSA for Canada and UL for U.S.) ceiling fan box (not provided)
3. Ceiling
4. Rubber Gasket
5. Screws & Lock Washers (set of 4)
6. Mounting Bracket c/w Ground Wire
7. Outlet Box Screws (not provided)
8. Lock Pin
9. Hemisphere Jam Screw
10. Hemisphere
11. Downrod c/w Ground Wire
12. Ceiling Canopy
13. Yoke Cover
14. Bolt
15. Motor Assembly
16. Jam Screws
17. Cotter Pin
18. Flat Washer
19. Blade Bracket Screws
20. Fibre Washer
21. Blade Bracket
22. Motor Screw & Lock Washer
23. Blade



With Downrod

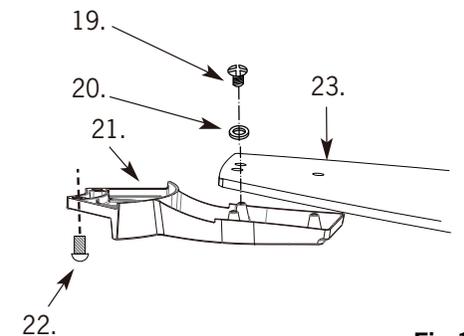
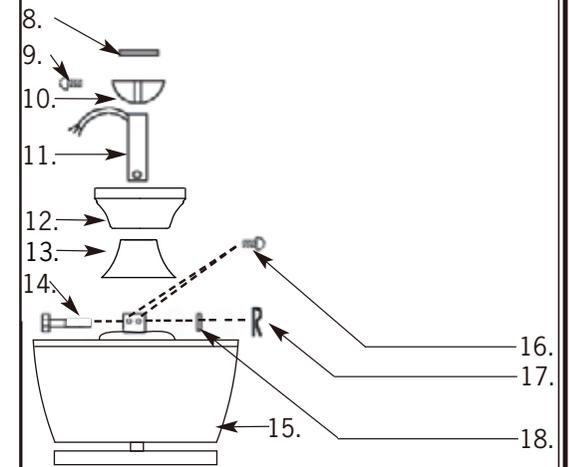


Fig. 1

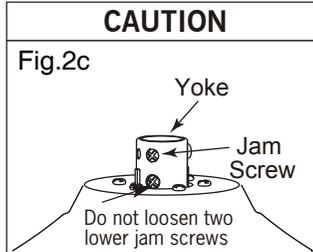
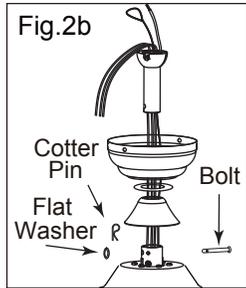
INSTALLATION

NOTE: All set screws must be checked and retightened where necessary, before and after installation.

1. MOUNTING OPTION

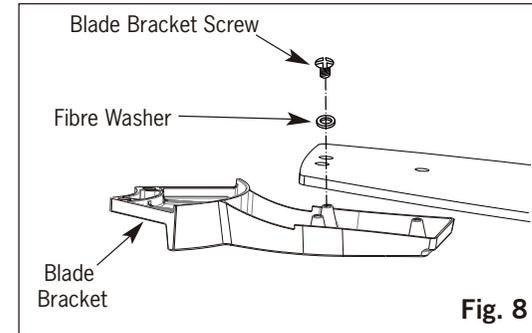
A DOWNROD MOUNT

- Using a Philips screwdriver loosen the two upper jam screws on the yoke.
- Position downrod inside canopy.
- Route wires exiting yoke on motor through ceiling canopy and downrod.
- Position downrod/canopy into yoke and align holes in yoke and downrod.
- Insert bolt through hole in yoke and downrod. **Be careful not to damage or cut the fan wires.**
- Tighten flat washer, lock washer, and nut and bolt (**not included on some models**). Secure with cotter pin through hole in the end of the bolt.
- Secure downrod in position by tightening upper jam screws.



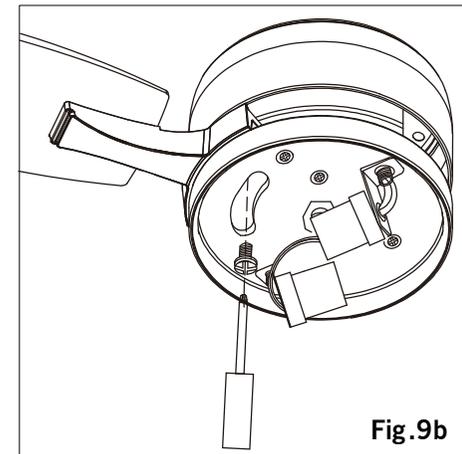
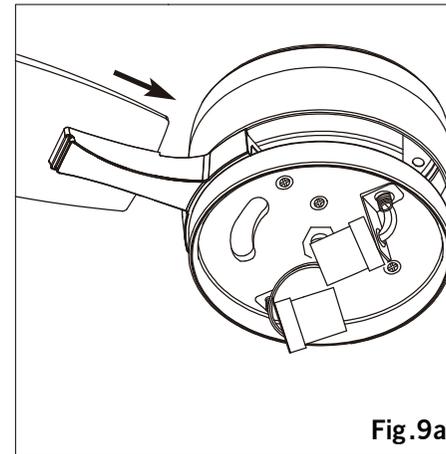
6. MOUNT BLADE BRACKETS TO BLADES

- Place blade bracket screw through, fibre washer and blade.
- Align with corresponding hole in blade bracket.
- Repeat with (2) remaining screws and tighten.



7. MOUNTING BLADES TO MOTOR

- Insert the blade arm into the fan as shown.
- Tighten the blade arm to motor with the screw and lock washer as shown.
- Slightly turn the blade after installation and repeat the same step for the other blades.



4.

MOUNTING FAN ASSEMBLY

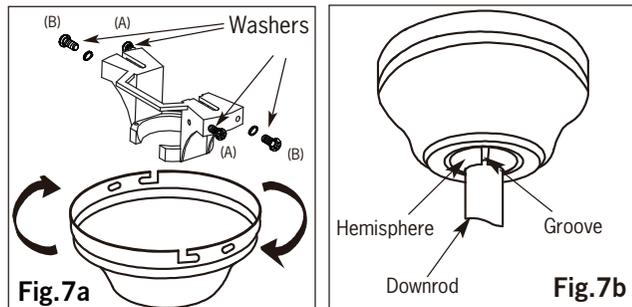
- Place two screws and washers on mounting plate (marked B on diagram) which correspond with slots in canopy. Screw in two turns.
- Position canopy to mounting plate aligning slots to screws (marked B on diagram) then turn to lock.
- Position and tighten the two screws and washers (marked A on diagram) then tighten the two screws (marked B on diagram).

5.

ENGAGE HEMISPHERE (Downrod Mount Only)

- Carefully rotate fan assembly until groove in hemisphere locks over tab of canopy assembly.

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



NOTE: When installing fan on sloped ceiling, make sure tab on hanger bracket faces towards the top of the slope. Depending on the slope, a longer downrod may be required to prevent fan blades from hitting the ceiling.

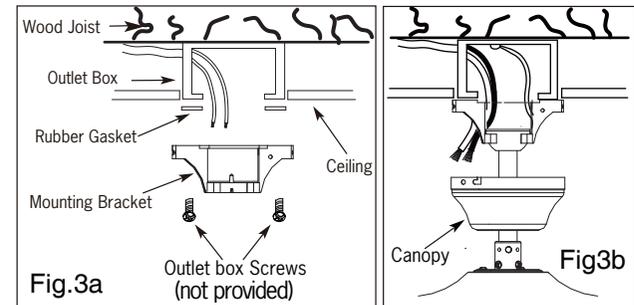
2.

INSTALL MOUNTING BRACKET

WARNING: To Reduce The Risk Of Fire, Electric Shock, Or Personal Injury, Mount To UL/CSA Listed Outlet Box Marked Acceptable for Fan Support And Use Mounting Screws Provided With The Outlet Box.

- Secure mounting bracket and rubber gaskets to outlet box.
- Hang fan on temporary hook or mounting bracket.

Diagram Fig.3b is for Downrod Mount.



3.

ELECTRICAL HOOK-UP

A

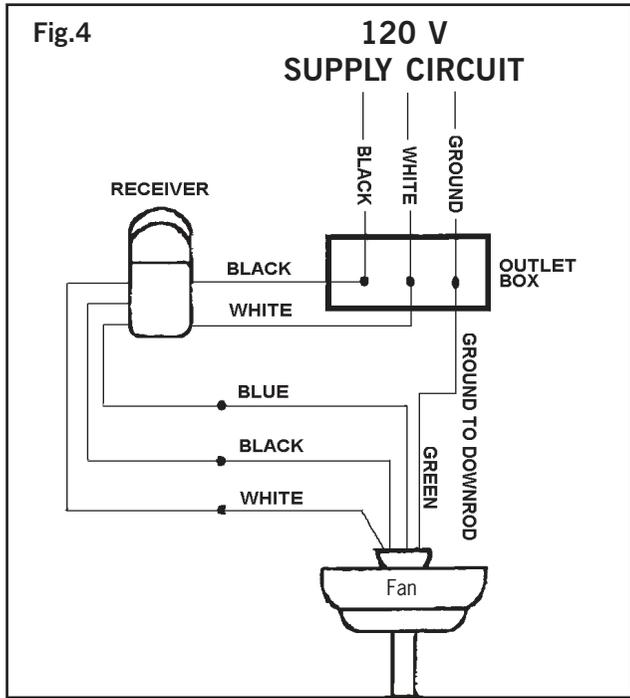
Make the following wire connections to the receiver unit (see fig. 4) using the wire nuts supplied.

- connect GREEN fan wire to BARE (ground) wire.
- connect BLACK receiver unit wire to BLACK supply wire.
- connect WHITE receiver unit wire to WHITE supply wire.
- connect WHITE receiver unit wire (MOTOR N) to WHITE fan wire.
- connect BLACK receiver unit wire (MOTOR L) to BLACK fan wire.
- connect BLUE receiver unit wire (FOR LIGHT) to BLUE light wire.
- After making the wire connections, ensure the wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and the ungrounded conductor on the other side of the outlet box.
- Ensure the splices after being made should be turned upward and pushed carefully up into the outlet box.

3.

ELECTRICAL HOOK-UP

A



In Quebec, the installation of this product must be carried out by a qualified electrician.

NOTE: Once ground wires are connected, carefully tuck all wires and marrettes into the metal outlet box making sure that the wires are clear of the hemisphere and downrod when positioned in mounting bracket.

3.

ELECTRICAL HOOK-UP

B

- Push all connected wires up into ceiling box.
- Position the receiver into the canopy as shown direction.

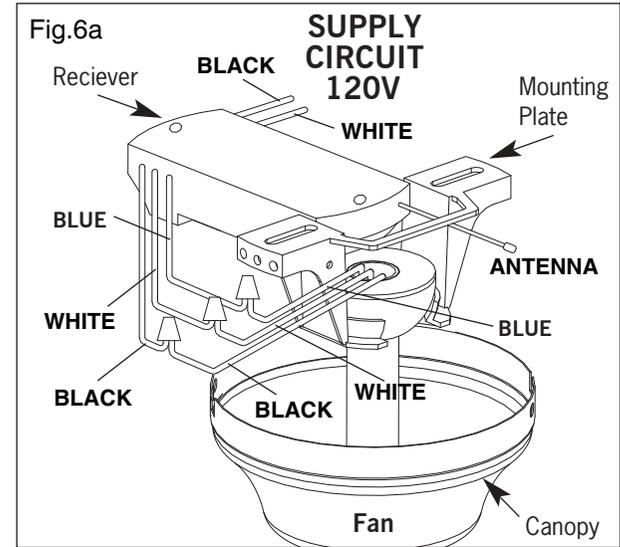


Fig.6b

