

Model:157347

## **SAFETY PRECAUTIONS**

1. Turn off power at main electrical service box before starting installation.
2. Electrical connections must comply with local code ordinances or national electrical codes.
3. Make sure the installation site you choose allows the fan blades to rotate freely without any obstructions.

## **WARNING**

- To reduce the risk of personal injury **DO NOT** bend the blade brackets when installing the brackets, balancing the blades or cleaning the fan. Also, **DO NOT** insert foreign objects in between rotating fan blades.
- Mount with the lowest moving parts at least 7 feet above floor or grade level.
- **DO NOT** operate reversing switch while fan blades are in motion. Fan must be turned off and rotating blades stopped, reverse chain pulled, the speed chain pulled again to start in the opposite direction.

## **INSTRUCTIONS**

A ceiling fan has a fully internal switching system for total operation by way of pull chain on a fan/light combination. Three pull chains will exist. One for light, on and off. The second is for fan speeds. This will be marked (SPEED) on the fan switch housing.

- 1st Pull will give fan High Speed
- 2nd Pull will give fan Medium Speed
- 3rd Pull will give fan Low Speed
- 4th Pull will Shut Fan Off

The third pull chain is for Forward/Reverse(**Note: Some models come with a slide switch instead of a pull chain**). This setting would usually be changed once per year. Downdraft for summer to create a wind chill to give a cooling effect. An Updraft in winter to circulate the hot stratified air off the ceiling and back down to the floor without creating a wind chill.

## **TROUBLESHOOTING**

### **TROUBLE**

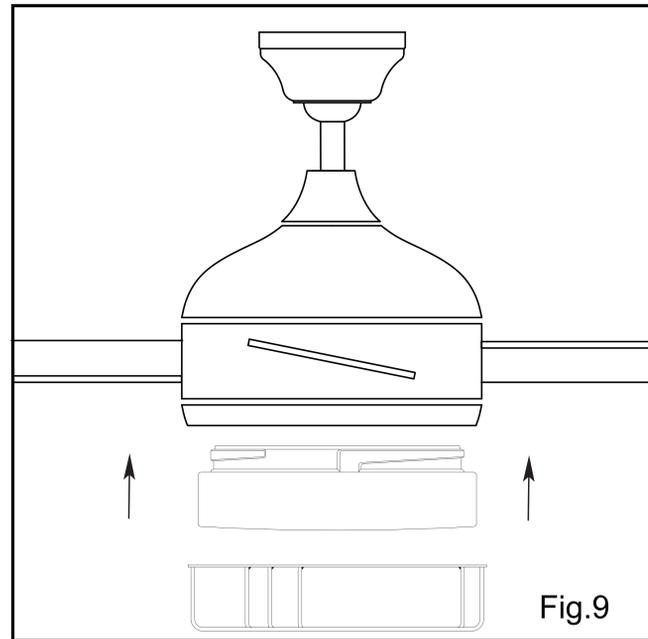
### **SUGGESTIONS**

1. Fan will not start
  - Check wiring connections to fan.
  - Check fuses and circuit breakers.
  - Check wiring connections in switch housing.
  - CAUTION: Turn power off for last two items.**
2. Fan sounds noisy
  - 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 wire nuts 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.
  - Allow a 24 hour break in period to eliminate most noises.
3. Fan wobbles or shakes excessively.
  - 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. Gently bend up or down the blade brackets until all distances are the same.
  - 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 ball socket notch is engaged in canopy.
  - Check to make sure that 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.

## 7. LIGHT ASSEMBLY

- Install the bulb(2\*40 W Max,type A,LED 5W included) and fit the shade.
- Place glass onto the fan and turn to secure.

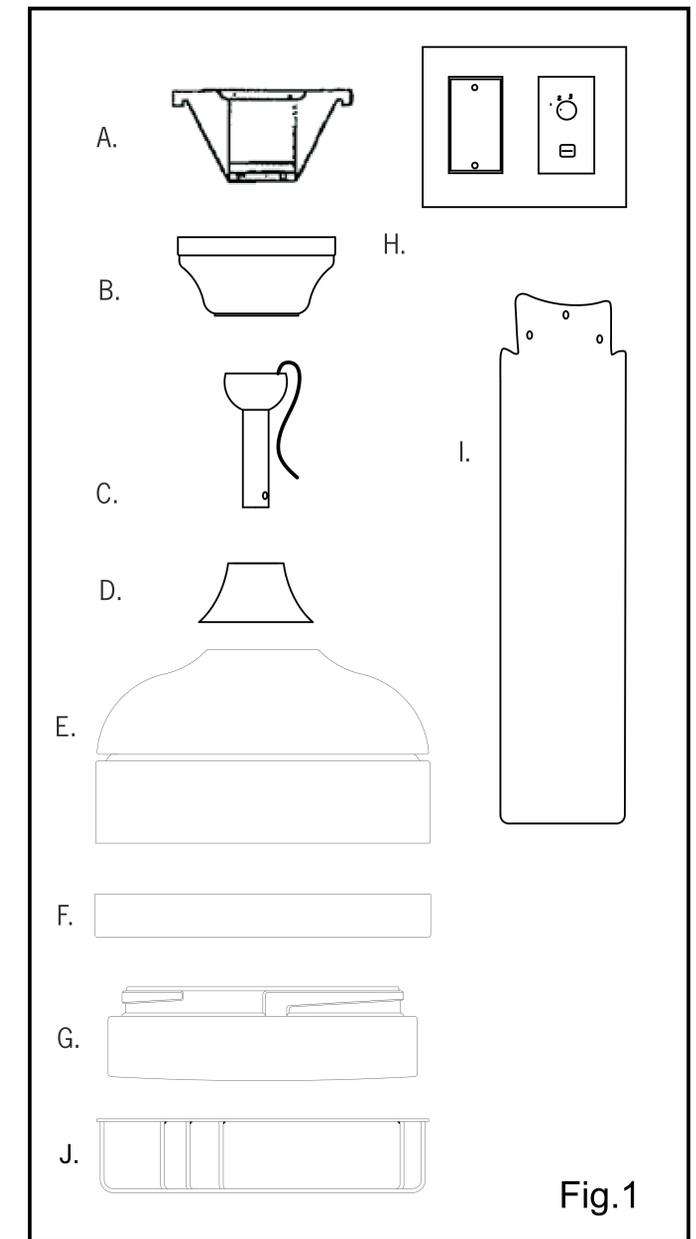
**WARNING: BE SURE TO TURN OFF POWER BEFORE INSTALLING**



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

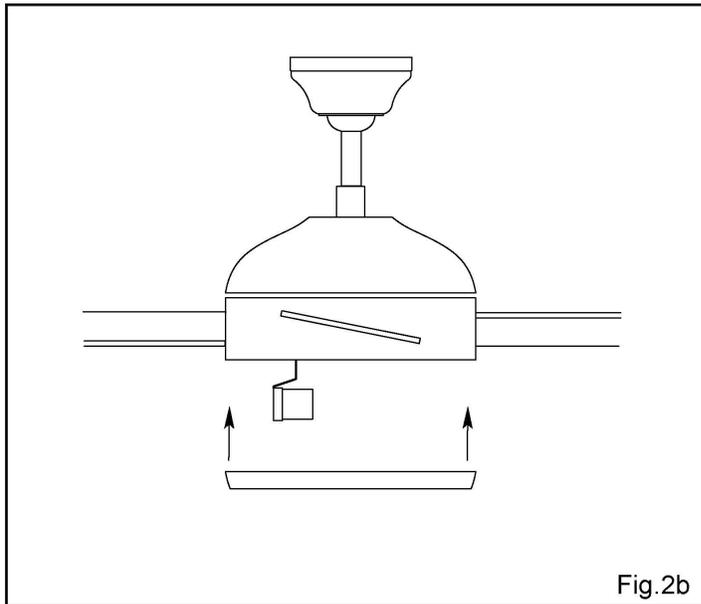
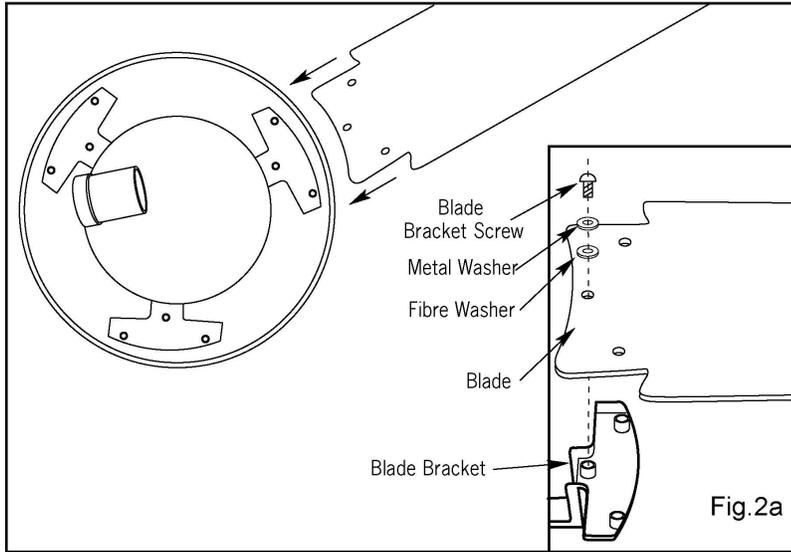
## ASSEMBLY DRAWING

- A. Mounting Bracket
- B. Canopy
- C. Downrod Assembly
- D. Yoke Cover
- E. Fan Motor Assembly
- F. Motor Cover
- G. Glass
- H. Wall Control
- I. Fan Blade
- J. Glass Cover



## 1. ATTACH THE FAN BLADES

- Attach the blades to the fan motor assembly using the screws and flat washers.
- Mount the motor cover to the fan motor assembly, aligning screws in motor fan assembly with the key slots on the motor cover. Turn cover to lock in place and tighten screws.



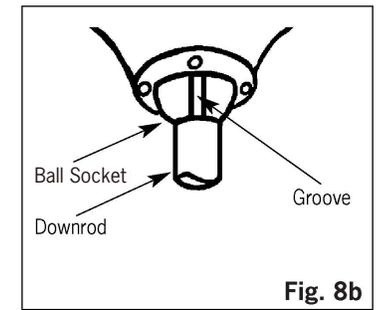
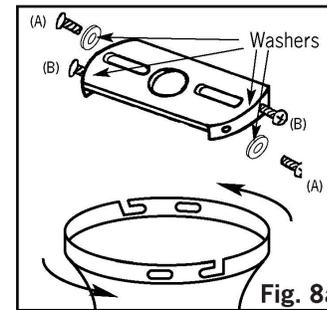
## 5. MOUNTING FAN ASSEMBLY

- 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).

## 6. INSTALL BALL SOCKET (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.

4.

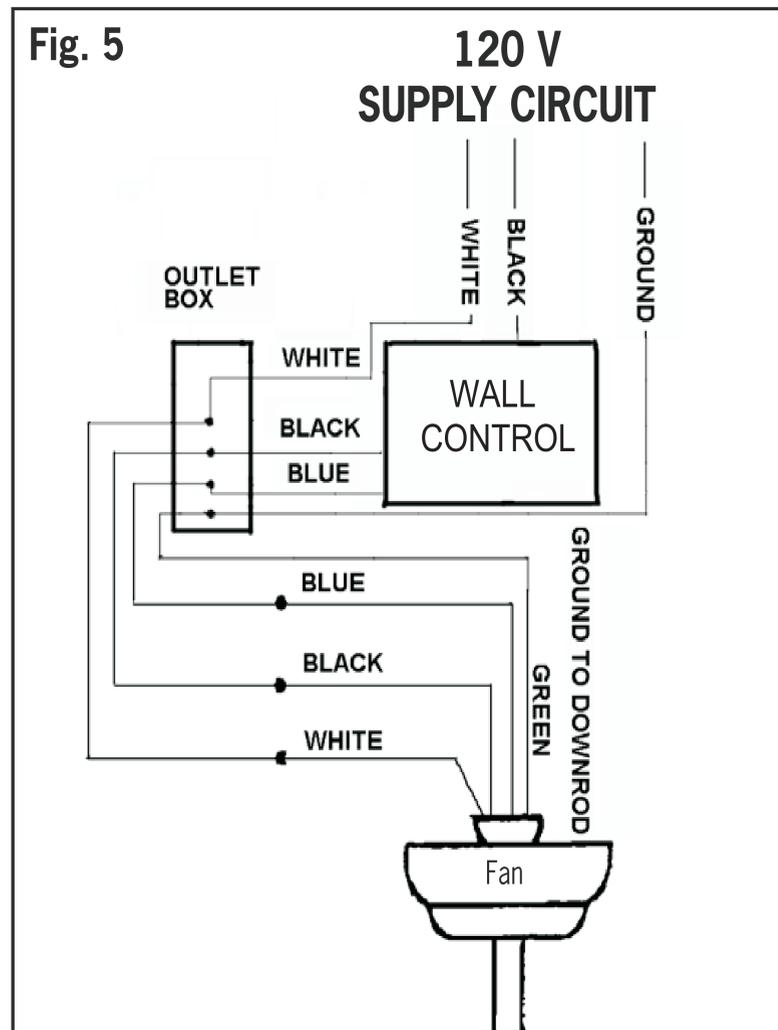
**ELECTRICAL HOOK-UP**

Make the following wire connections to the wall control (see fig. 5) using the wire nuts supplied.

B

- connect GREEN fan wire to BARE (ground) wire.
- connect BLACK supply wire to the port A of the wall control
- connect BLACK fan wire to the port F of the wall control
- connect BLUE light wire to the interface of light switch

Fig. 5



**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.

**INSTALLATION**

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

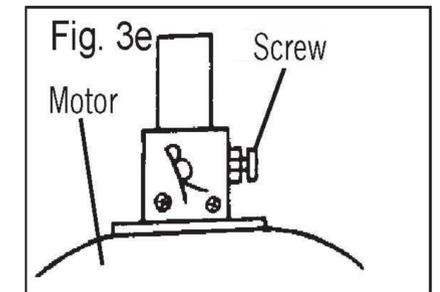
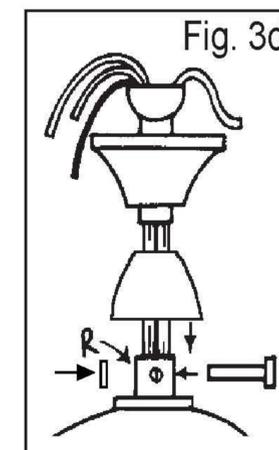
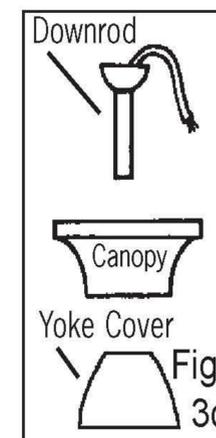
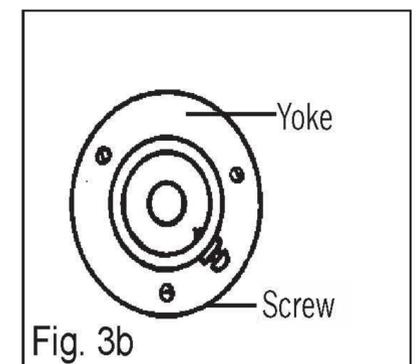
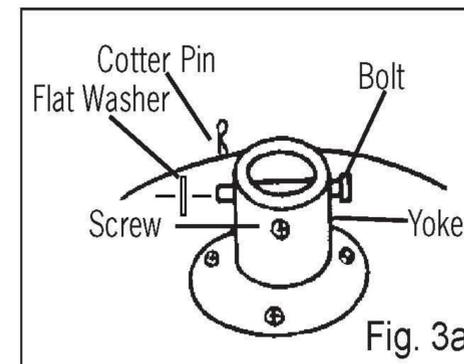
2.

**MOUNTING**

A

**DOWNROD MOUNT**

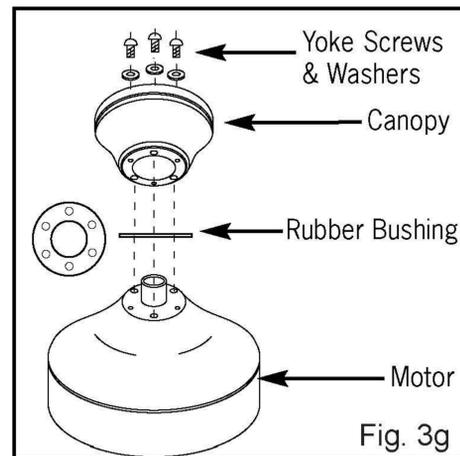
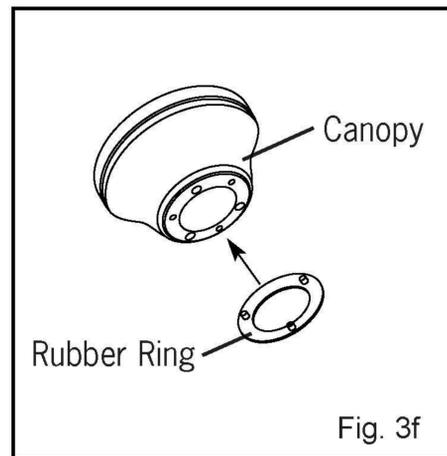
- Obtain fan motor housing.
- Remove cotter pin and bolt from yoke.
- Loosen screw in yoke until it is flush with the inside surface.
- Obtain downrod, canopy and yoke cover.
- Place downrod inside canopy and yoke cover.
- Route wires exiting motor through yoke cover, canopy and downrod.
- Insert bolt through hole in shaft and downrod. **“Be careful not to damage or cut the fan wires.”**
- Tighten flat washer and bolt. Secure with cotter pin through hole in the end of the bolt.
- Secure downrod in position by tightening screws. Slide yoke cover down so it is flush with the motor housing.



## 2. MOUNTING

### B FLUSH MOUNT

- Remove rubber ring from canopy.
- Place canopy on fan housing by aligning 3 larger holes of canopy over 3 existing screws on the motor housing.
- Secure canopy to motor housing by placing 3 screws and washers (supplied in hardware package) in the 3 smaller holes in the canopy.



## 3. 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.**

- Install J-Hook through centre of outlet box and into the wooden joist.
- Secure mounting bracket and rubber gaskets to outlet box.
- Hang the safety cable onto the J-hook.
- Hang fan on temporary hook and install safety cable.

