



## Tools Required:

- 1/8" Allen wrench
- Flat screwdriver
- Pliers

# Motor Replacement Instructions

1. Disable vent operation. Disconnect the solar panel wires from the wire coming from the vent.
2. Remove fan blade. Locate the set screw on the side of the fan blade hub facing the attic space. Using a 1/8" Allen wrench, loosen the set screw and remove the fan blade.
3. Remove clamps securing the motor. Using a flat screwdriver, insert the tip into the ear of the clamp and gently turn to break the clamp. A pair of pliers may also be used by gripping the ear of the clamp and gently turning to break the clamp.
4. Remove the motor. Disconnect the motor wires from the motor terminals. Rotate the motor so that the terminals are in line with the slots in the motor mount. Gently spread the motor mount arms apart and slide the motor out of the mount.
5. Replace motor. Slide the new motor into the mount. Position the motor so that the terminals are flush with the top of the mount and face the direction of the motor wires.
6. Secure motor. Using a flat screwdriver, tighten the supplied hose clamps around the motor mount until motor is secure. Position one clamp above the mount arms and one clamp below the mount arms.
7. Reconnect motor wire. Connect the red motor wire to the red terminal, and then connect the black motor wire to the black terminal.
8. Replace fan blade. Line the set screw up with the flat on the motor shaft. Slide the fan blade onto the shaft until the hub is flush with the end of the shaft. Tighten the set screw to secure the fan blade.
9. Reconnect vent. Connect the red solar panel wire to the red motor wire, and then connect the black solar panel wire to the black motor wire. **WARNING:** The unit will begin operation once the connection is made.