

EPL1012M Fan Speed Control Installation Instructions

These instructions are for modifying a typical fan mounted in an RV that has a two-speed switch. The existing power switch will be left in the circuit so don't cut any wires or remove it. The switch will be left in the 'high-speed' position after the fan is disconnected from the power so make a note of this position.

Step 1 – Dismount the fan and disconnect the two power leads from the power source.

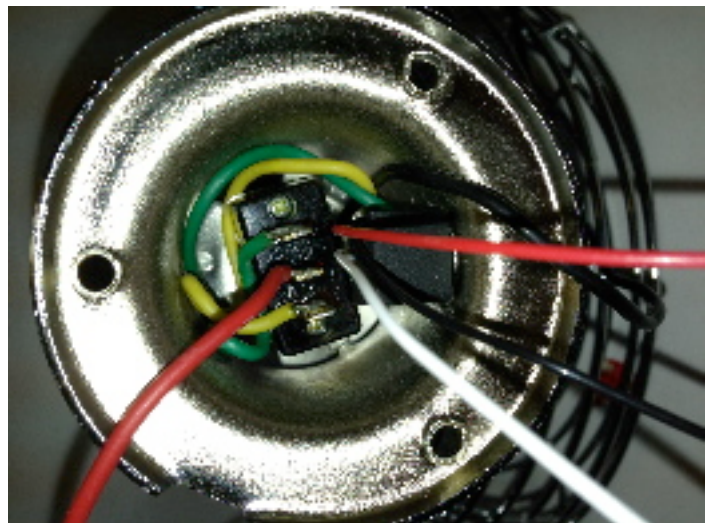
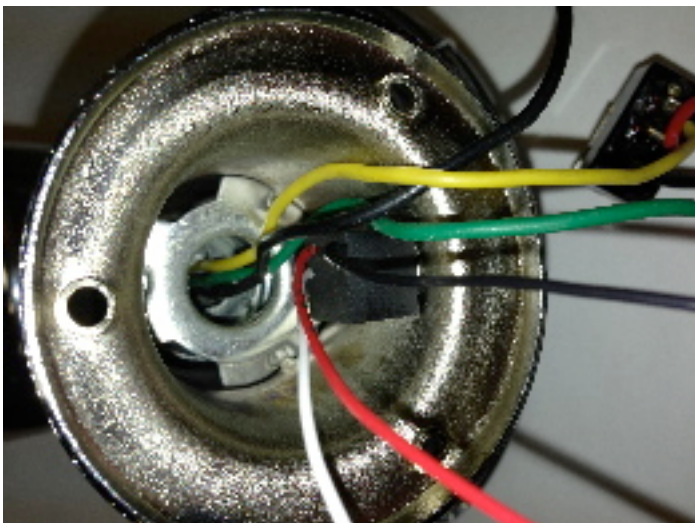
Step 2 - Remove switch from its mounting leaving all wires connected.

Step 3 – Move the fan switch over to the 'High speed' position.



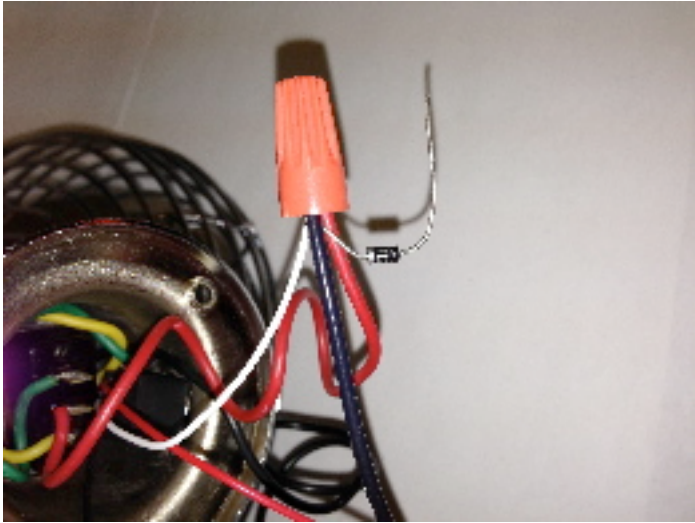
Step 4 - Mount the EPL1012M in place of the switch and secure with the thumb-nut. This should be hand-tightened. **DO NOT USE THE DIMMER'S ROTATING SHAFT TO SECURE THE DEVICE! IT WILL BREAK INTERNALLY.**

Step 5 - Place the switch from "Step 2" inside the fan base as shown such that the pins of the switch do not short out or come into contact with the metal base.

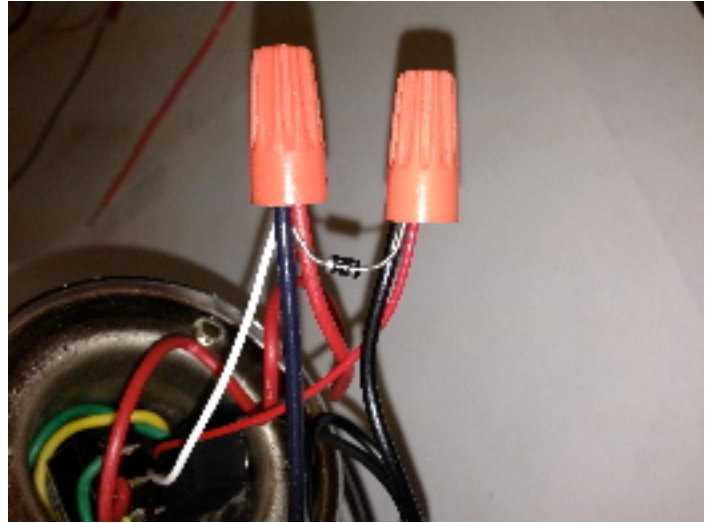


Step 6 - Connect the wires as follows:

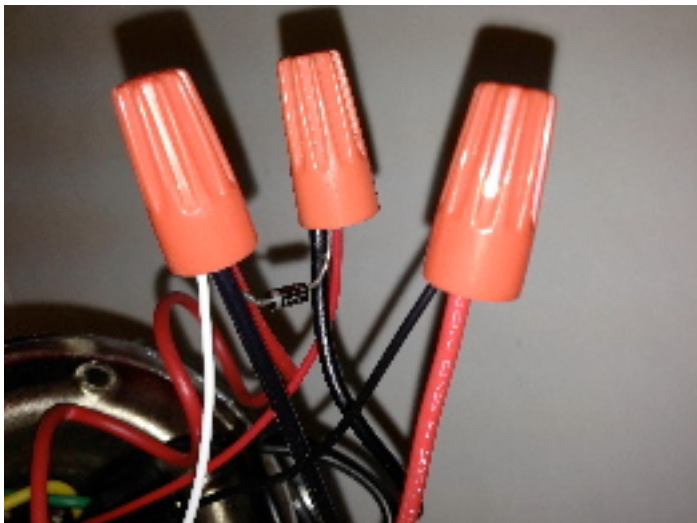
Step 6a - Red wire from fan to white wire from EPL1012M along with a lead from the diode with the white band around it and the positive power wire from the power source. Note that if this is an an automobile, it will be Red. We show a Black wire in this position since some RV's use this convention.



Step 6b - Black wire from the fan to the Red wire from EPL1012M and the other side of the diode.



Step 6c - Black wire from EPL1012M to the negative power wire from the power source. Note that if this is an auto, it will be Black. We show a Red wire in this position.



Step 7 - Position all wires within the fan base such that they will not short out.

