

Converting a ComfortZone to an A06 PC Board

1. Move the 3 wires on the right side of the old PC board to the new board, in the same order.

2. Remove the remaining wires from the old PC board (they will no longer be used) and remove the board.

3. Screw on the new board (with the 3 wires from step 1 still attached).

4. Remove the original fan switch and replace with the new fan switch from the kit. (The old fan switch has a small pc board attached to it. See Img 1.)

5. Cut the plugs off of the two fan leads (red and black wires) and the transformer lead (2 yellow wires. See Img 2).

6. Attach the two yellow transformer wires to the two yellow wires on the bridge rectifier that is included with the kit (Img 4, Label F). Also uses 2 twist connectors provided with the kit.

7. Attach the two red fan wires to the red wire on the bridge rectifier (Img 4, Label E). Use 1 twist connector provided with the kit.

8. Connect the two black fan wires to the female spade connector provided with the kit and push the spade connector onto one side of the new fan switch (Img 4, Label D).

9. Connect the black lead on the bridge rectifier to the other side of the new fan switch with the other spade connector.

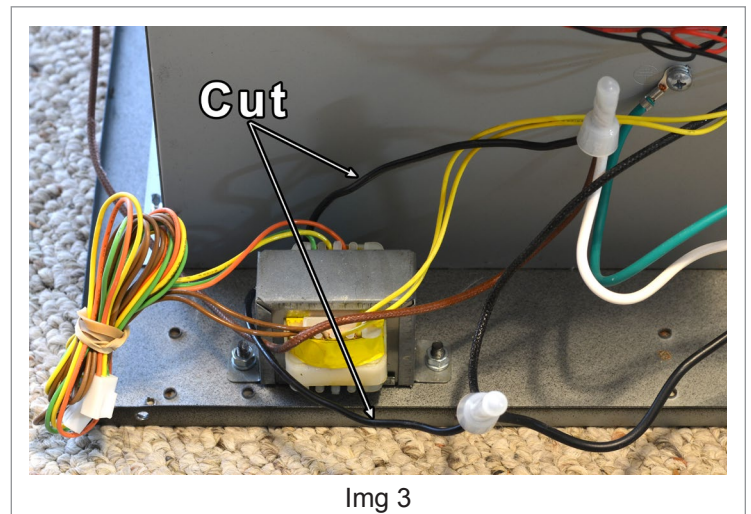
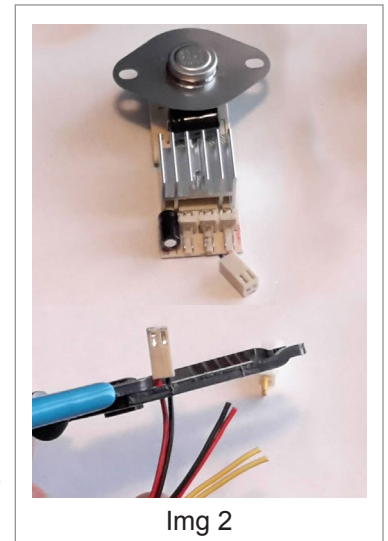
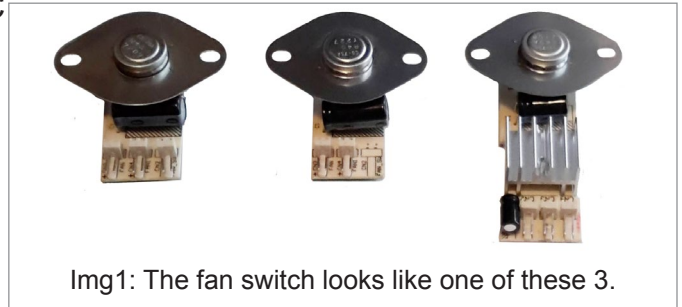
10. Cut the 2 black wires connected to the transformer (see Img 3).

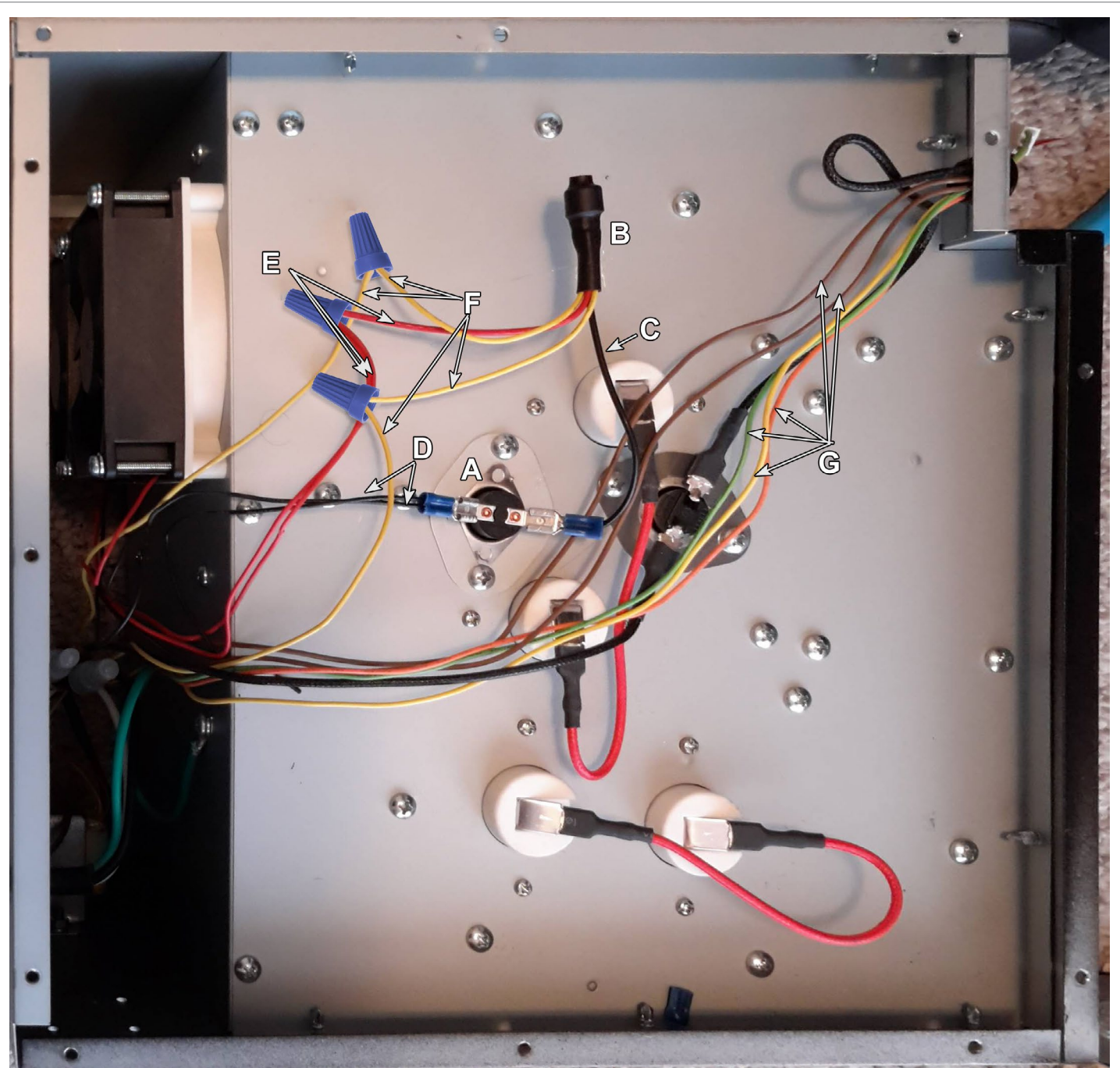
11. Use 2 twist connectors from the kit to attach the 2 power leads from the kit to the 2 cut wires (on the side that's not connected to the transformer).

12. Connect the other side of the two power wires to the PC Board.

Kit includes:

- A06 PC board
- R40 Fan switch
- 2 black power supply wires (with spade connector)
- Bridge rectifier (with one spade connector)
- 5 twist connectors
- 1 spade connector





Img 4

- A. New fan switch (included in kit)
- B. Rectifier (included in kit).
- C. Black lead on rectifier (B) to fan switch (A).
- D. 2×Black wires from fans to fan switch (A). The 2 wires need to be connected to a spade connector (included in kit).
- E. 2×Red wires from fans through twist connector (from kit) to rectifier (B).
- F. 2 separate yellow wires that connect the transformer to the rectifier (B). Each uses a twist connector (included in kit). The order of the wires does not matter.
- G. Obsolete transformer wires. (2× brown on one connector, red, orange, green on the 2nd connector). These can be bundled up, cut and removed, or just ignored.