

HVAC Printed Circuit Board Removal Instructions

Tools Needed:

Phillips head screw driver
Fingers

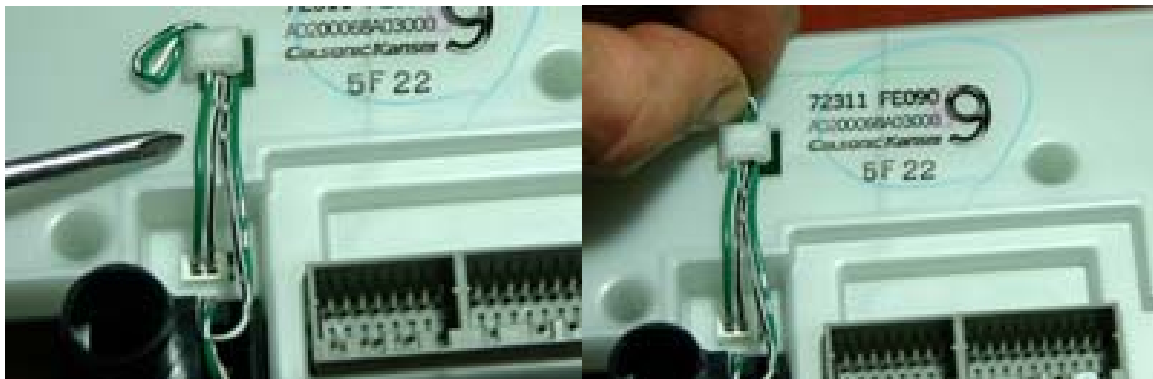
Step 1: Place the HVAC unit face down on a soft surface or a towel to prevent scratches:



Step 2: Remove the five Phillips head screws that hold the white back to the unit:



Step 3: Remove the temp sensor wiring harness from the hold down clip:



Step 4: Carefully unplug the temp sensor connector by gently pulling up on the harness and bending the wires out away from the unit:



Step 5: Locate the 5 tabs on the sides of the unit:



Step 6: Keep the unit face down and use your fingers or a flat blade screwdriver to gently pull out on the tabs while simultaneously pushing down on the outer shell. Once the tab releases the downward pressure will push the back cover and circuit board up and out of the unit. Work your way around the unit releasing the tabs one at a time:



Step 7: When you release the last tab the outer shell will go down to the table and the circuit board and back cover will come up:



Step 8: Remove the white back cover:



Step 9: Grab the circuit board by the connector shell and remove from the outer cover:

Note: Always handle the circuit board by the connector shell if possible!!!



Step 10: And you end up with this:



Step 11: Knob removal: Grab the circuit board by the edges with one hand and the outer knob in the other hand:



Step 12: Firmly pull with each hand and remove the knobs. Hint: I always turn each dial all the way to the left to easily put the knobs back on. Hint hint: DO NOT mix the buttons and knobs!! They are keyed differently and location specific.



Step 13: What you end up with is this:



Reassemble in reverse order.