

Install Keypad EMI Suppressor FJ

Product P/N's 111240/111241

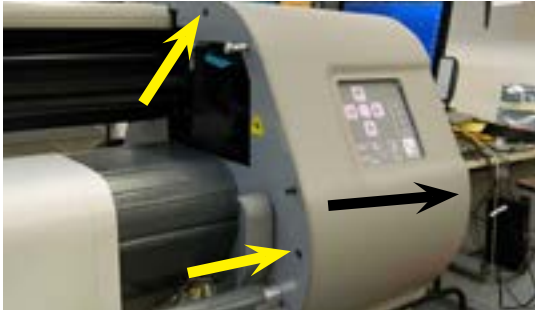
Procedure P/N 111248 REV 0

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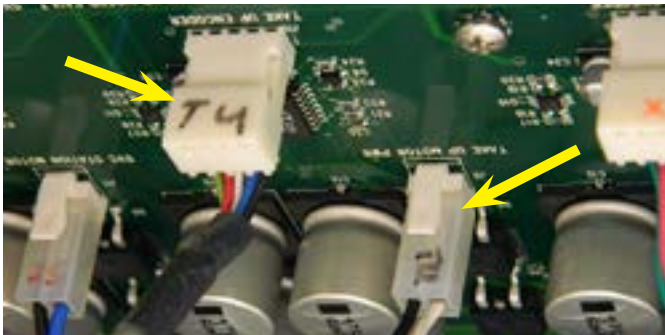
IMPORTANT: A grounding wrist strap MUST be worn during the entire process of removing the bottom cover and placing the EMI Suppressor onto the main board.



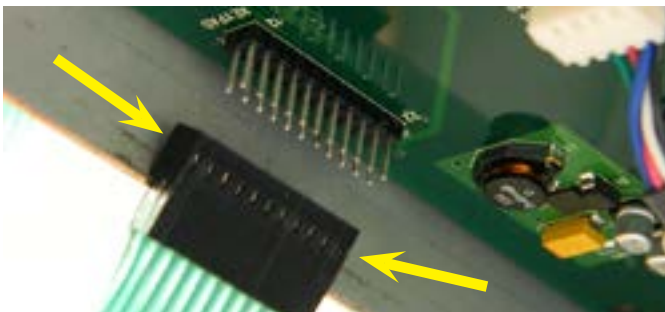
Step 1: Turn off the power, unplug the power chord and the communication cable. **Tools needed: A grounding wrist strap and a phillips screwdriver.**



Step 3: You need to remove the right cover. To do so, you need to unscrew a total of 5 screws. 2 are shown (yellow arrows), 1 in the back, and 2 on the bottom. The cover is removed by pulling it out in the direction of the black arrow.



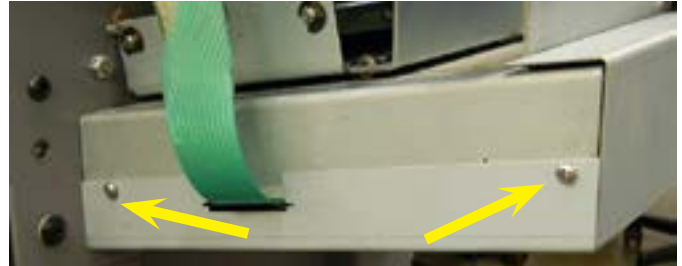
Step 5: The 2 connectors that need to be pulled down off the prongs from the main board (yellow arrows). **NOTE: You can now place the metal cover to the side.**



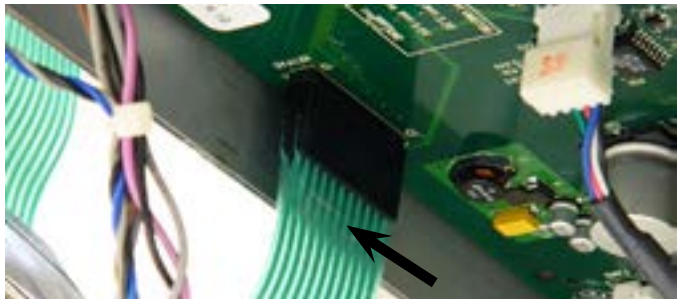
Step 7: You will grab the cable connector at the sides (arrows), and pull straight down to remove the keypad cable. **NOTE: DO NOT REMOVE THE CONNECTOR BY PULLING IN THE GREEN PLASTIC WIRES.**



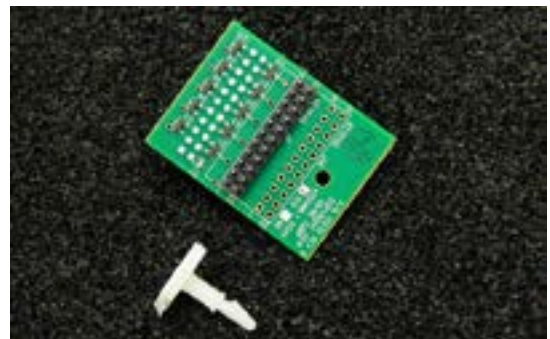
Step 2: The first step is to remove the take-up-motor connector. This is located on the bottom of the large right plastic cover. You turn the knurled collar (red arrow) counter clockwise until you can pull it down and away from the cover. You can let this hang down.



Step 4: The next step is to remove the metal bottom cover that protects the main board. There are 4 screws. The arrows point to the front screws. The other 2 are in the back. **NOTE: While still holding the metal cover in one hand, you need to remove the 2 connectors as shown in step 5.**

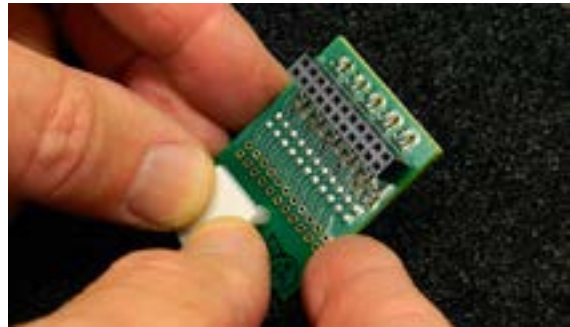


Step 6: Looking underneath, you will see the green Keypad cable (arrow). **NOTE: There is no need to remove the board or any other cables. See step 7 for the proper removal.**

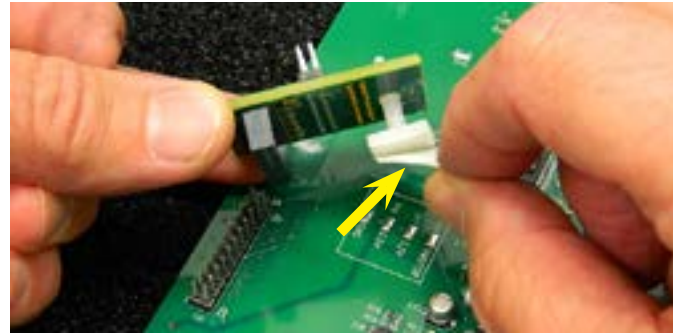


Step 8: Shown is the new EMI suppressor board and then small white stabilizer stand. These will attach to the main board.

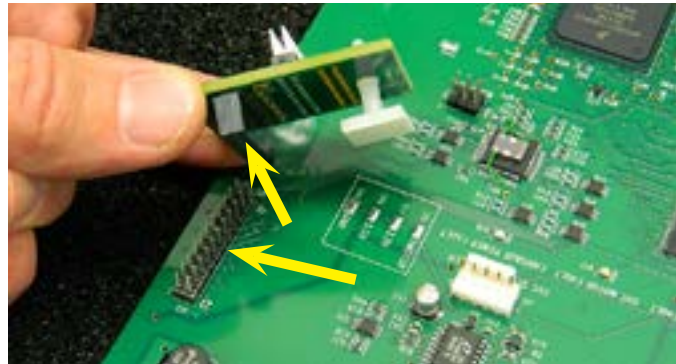
NOTE: Steps 10 through 14, the main board was removed for ease of viewing.



Step 9: While wearing the anti-static wrist strap, firmly press the white stabilizer stand through the hole in the EMI board until you hear and feel a solid click. **NOTE: This will take a little effort to press in.**



Step 10: The white plastic stabilizer has a piece of protective film over the adhesive tape. You need to remove this before placing it on the board (arrow).



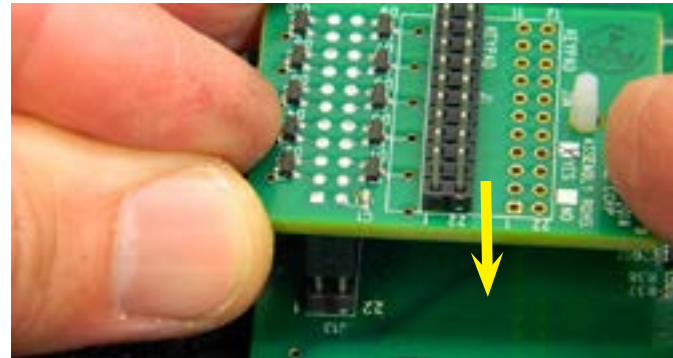
Step 11: The EMI board is ready to place on the main board. You must align all the prongs for correct insertion (arrows).



Step 13: This photo shows the EMI board correctly pressed down upon the main board.



Step 15: Once the new EMI suppressor is attached, you can re-attach the green keypad cable.



Step 12: Once aligned, press down until you no longer can see the silver metal prongs. Step 13.



Step 14: Another angle showing how the EMI should appear. No prongs seen, and the stabilizer with the adhesive pressed onto the board.



Step 16: Shown is how the EMI and the keypad cable should appear.



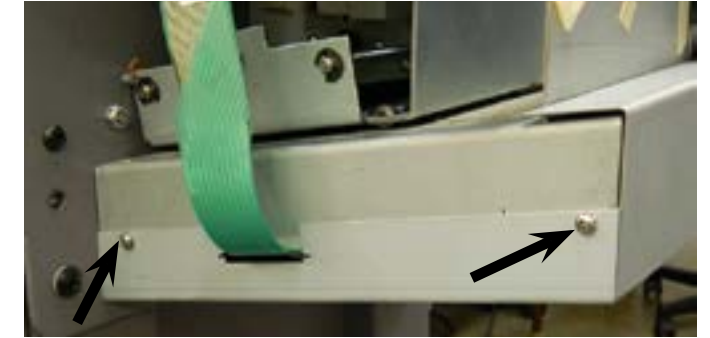
Step 17: While holding the metal cover in one hand, you need to re-attach the 2 white connectors, the take-up encoder and the take-up motor as shown.



Step 19: Place back on the right end cover and attach with the same 5 screws as before (step 3).



Step 21: Plug back in the power chord and communication cable. You are ready to resume printing.
...FINISHED



Step 18: Once the 2 connectors are placed in correctly, you can place the metal cover on and screw back in the 4 screws (2 are shown).



Step 20: You must re-attach the take-up motor cable. Turn the knurled ring clockwise to tighten.



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Step 25:

Step 26:

Step 27:

Step 28:

Step 29:

Step 30:

Step 31:

Step 32: