

Logitech 600 650 665 700 Membrane Keypad Installation Instructions

Please watch YouTube video [How to repair buttons Logitech Harmony 600 650 700](http://p1repair.com/harmony) <http://p1repair.com/harmony>

GOAL: Install the membrane keypad onto the rigid circuit board as flat as possible with no bubbles, cupping, bends or warped material. The membrane will be between the original rubber keypad and circuit board contacts.

1) Disassemble your remote. **CRITICAL! Clean and dry the circuit board using isopropyl alcohol and q-tips.**

Do not use any other chemicals. If necessary you can remove the rubber keypad and clean it in the sink using soap and warm water. Just make sure it is dry before putting it back in the device.

2) Before installing the repair kit, place it over the circuit board so you can see how it will fit once installed. There are holes cut for any components, solder bumps and the board outline.

DEOXIT: If you have Deoxit D100L to clean the metal snap dome keys, use a hair dryer to heat the white sticker layer on the circuit board to loosen the adhesive. Peel up a corner and pull back the white film **half way**. Use Deoxit on the gold ROUND contacts NOT the fork contacts. You can also put deoxit directly on the silver metal domes. If you do get Deoxit on the gold fork contacts you should clean them again later using Isopropyl and a Q-tip. Stick the first half of the white film back down and then peel off the other half and clean the buttons you could not get to before.

Deoxit helps clean metal but it will coat black film with an oil that can reduce conductivity

Deoxit also causes rubber to expand which may cause it to get stuck

Parts A,B,C: Peel off the brown paper liner. And stick down flat to a cleaned circuit board. Black dots should be over the gold fork contacts. **DO NOT** push down on the buttons when installing. Just lightly stick and it will stay in place.

Note: The repair pad is made with 3 layers. The paper will always peel off easily no matter how old. If the paper does not peel off easily (after you get a corner started) you may have split the layers and are attempting to peel the repair pad apart! The brown paper is has a shiny wax coating and will never pull off any sticky adhesive.

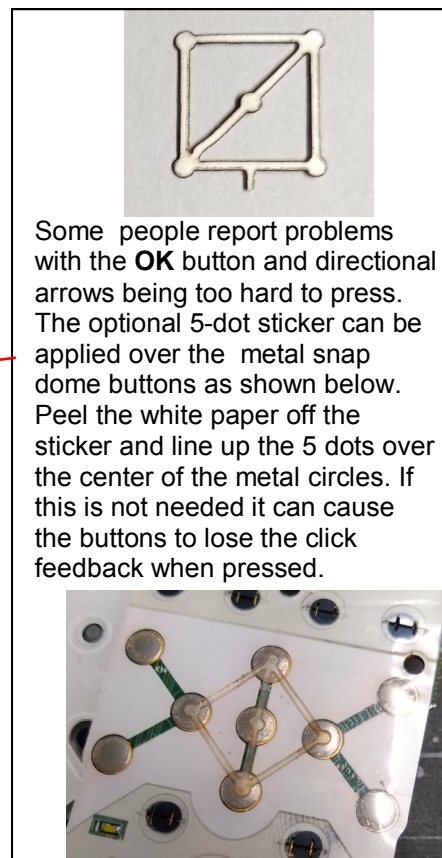
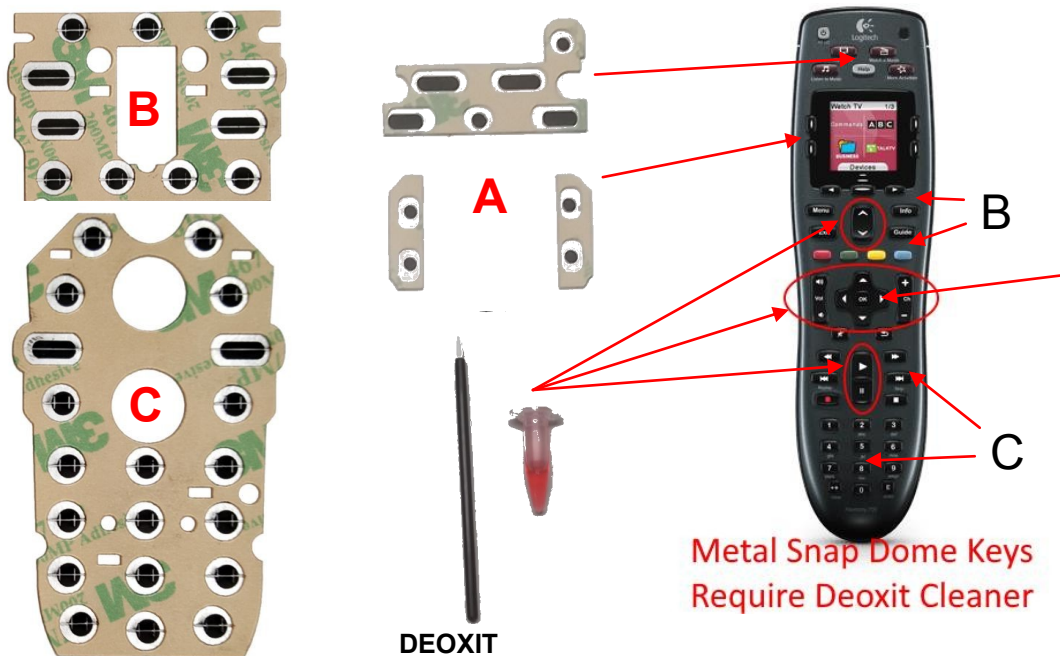
Parts **B** and **C** go over the white film that is already attached to the circuit board. Peel off the brown paper and stick the repair to the white film, lining up the pre-cutout holes and edges. If you are cleaning the snap domes with deoxit you must do that before installing **B** and **C**

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Troubleshooting

If a button repair is warped or held down by something, it will cause that button to always send a signal and prevent other buttons from working. Check to make sure none of the rubber keypad buttons are stuck by pressing each one to make sure they feel OK. Inspect the inside of the remote for plastic parts, screws, etc.. that may be out of place. You can inspect the membrane keypad by holding it to a light and seeing how the light reflects off the plastic. This makes it possible to spot warped or cupped spots.

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Some people report problems with the **OK** button and directional arrows being too hard to press. The optional 5-dot sticker can be applied over the metal snap dome buttons as shown below. Peel the white paper off the sticker and line up the 5 dots over the center of the metal circles. If this is not needed it can cause the buttons to lose the click feedback when pressed.

 Double sided adhesive for re-attaching the screw cover plate on the back of the remote. Remove old adhesive first by rolling it with your finger.