

# Replacing the IS Remote Membrane

Instructions

25 September 2008

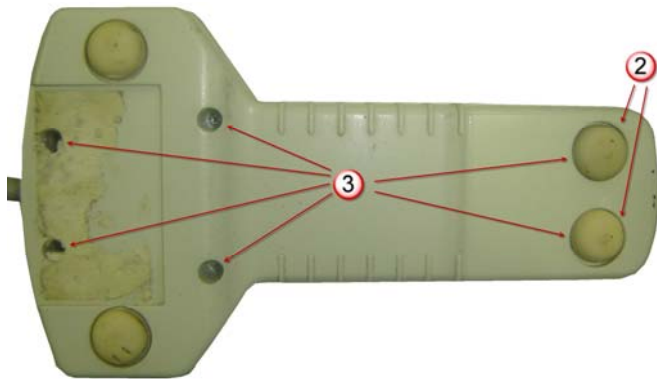
## Purpose

This document explains step-by-step how to replace the keypad membrane on your hand-held remote. Replacing the membrane may be necessary if certain buttons no longer function, or if the membrane becomes worn and the contacts underneath are exposed.

## Step-by-Step Instructions

1. Power OFF your engraving machine, then disconnect the hand-held remote from the machine.
2. On the bottom of the remote, remove the lower two rubber feet.
3. Remove the six Phillips head screws from the bottom side of the remote. Then, carefully open the remote.

- a. **NOTE:** There may be a sticker at the top of the remote. If so, use a screwdriver to poke a hole in the sticker to gain access to the screws.



4. Inside the remote, carefully lift the black connector that the green ribbon cable plugs into using a small flathead screwdriver.
  - a. **NOTE:** The black connector is stuck to remote housing with double sided adhesive. Be sure not to break the connector.



5. On the sides of the black connector are two tabs. Pinch them inward and pull out. The connector should slightly separate. Pull out the green ribbon cable.

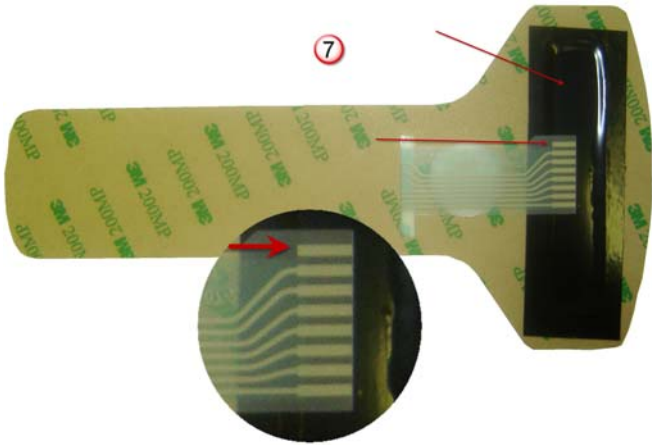


6. Using your flathead screwdriver, lift one corner of the keypad membrane and peel off completely.
  - a. **NOTE:** When keypad membrane has been removed, be sure to also remove any adhesive left behind by vigorously rubbing it off using your thumbs. Leftover adhesive will prevent proper application of new keypad membrane.



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7. Before applying your new keypad membrane, remove the protective window covering. You may also have to trim an extra electrical contact on the green ribbon cable using a pair of scissors.



8. Remove the backing from the keypad membrane and carefully apply to the surface of the remote housing.
  - a. Starting from the bottom and carefully aligning keypad membrane is the easiest method. Also make sure that green ribbon cable is inserted through the slot.
  - b. **WARNING: Once keypad adhesive bonds to the remote, DO NOT peel off. This WILL ruin the membrane.**



9. Once the keypad membrane has been installed, reconnect the green ribbon cable into the black connector and snap it together. Refer to image #5.
10. Put the two halves of the remote back together, and replace the six Phillips screws. DO NOT over tighten them.
11. Stick the two rubber feet back over the two lower screw holes.

Should you still need assistance with installing the keypad membrane after following these instructions, please call our Technical Support department at:

**1.800.843.7637 option #4.**