Texas Instruments TI-Nspire CX Defective Button Repair

Solve some failed button problems. Corrosion forms inside some of the buttons.

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INTRODUCTION

Solve some failed button problems. Corrosion forms inside some of the buttons.

TOOLS:

- 64 Bit Driver Kit (1)
Step 1 — Texas Instruments TI-Nspire CX Defective Button Repair

- Power down. Any method works.

⚠️ Refer to other guide for more pictures.

Step 2

- Remove clutch screws, torx bottom screws, and battery drawer screws.

- Use dollar store 1mm flathead jeweler screwdriver for clutch screws.
Step 3

- Disconnect power and two clutch screws.

Step 4

- Remove front panel.

⚠️ Refer to other guide for more pictures
Step 5

- Remove board screws.

Step 6

⚠️ Spacers will fall out. Didnt catch where they go.
Step 7

- Pull top board and screen off. There is not much chance for damage, the connector is easily removed.

Step 8

- Take keyboard off. Be careful. Buttons will fall out, refer to another calculator or front page picture.

⚠️ Buttons will fall out. There may be a mess of them that pile out.

- Take mouse flex cable off, otherwise it will dangle. Flip up tab
Step 9

- Cut around failing button, peel off delicately with a screwdriver or tweezers.
- Clean with rubbing alcohol.

⚠️ Be careful not to dig into board with knife. this would render board useless.

Step 10

- Clean screen with compressed air. Makes cleanup simple.
- Rubbing alcohol may be used.
Step 11

- Press connector back in. Shift board around with finger until docks match.

⚠️ POWER ON AND VERIFY FIX.

- Set screws in place.

Step 12

- Drop more screws in, and tighten all.

- Reassemble.
To reassemble your device, follow these instructions in reverse order.