

Guidelines for Handling a Membrane Switch

1. HANDLING/TESTING: NEVER press a switch button unless it is lying flat on a solid surface. Make sure the surface is smooth, clean and flat. DO NOT BEND THE SWITCH. Use anti-static wristbands when handling to protect sensitive components from (ESD) electrostatic discharge.

2. MOUNTING SURFACE: The surface must be clean and smooth. It must not have rough texture, residue (from adhesive, paint, etc.), burrs, bumps, steps, hardware protrusions, etc. If you notice your switch isn't properly adhering, please inform Wilson-Hurd so we can help find a solution.

3. FLATNESS: The mounting surface should be as flat as possible. Warp, twist or bow in the surface can distort the contact spacing enough to cause increased "sensitivity" in the switches.

4. INSTALLATION: The part should be kept as flat as possible during installation. Starting at one end, fold back a small strip (approx. 1/2 in wide) of the release liner from the edge. Align the part and stick down the free end, remove the rest of the liner. Smooth the part down with a light, slow stroke, working from the starting edge toward the opposite end to prevent air bubbles. DO NOT apply extreme pressure or roll the part down as you are working across. After the part is down, use a firm but smooth rubbing motion over the entire surface to complete the bonding of the pressure sensitive adhesive. NEVER USE A ROLLER TO APPLY PRESSURE.

FOR SWITCHES WITH TAILS: The tail should never be bent or pulled back to the point where it causes creasing, as this may cause the switch to function intermittently or fail completely.

5. OPERATION: Switch buttons should be depressed with the finger tips only. Depressing a button with any of the following may cause damage:

- 5.1 A sharp object, such as a pen, fingernail, etc.
- 5.2 A flat surface that is greater than the diameter of the button, such as a pen/marker cap, etc.

6. REMOVAL: In the event that the part has been misaligned or must be removed for any other reason, it is likely that the domes and/or rear adhesive will be damaged. This damage may be unnoticeable but can cause future failure.

7. STORAGE: The parts should be stored in the original box whenever possible. If the parts have to be transferred to another container, do not stack anything on top of the switches or place in any way that could cause bending.

8. WARRANTY: Our warranty DOES NOT cover damage due to improper handling or installation. If a problem exists, the part must be left adhered to the surface to do a complete failure analysis. Once the part has been removed from the surface, we may not be able to determine the root cause of the problem. Please contact Wilson-Hurd before removing the part.



Keep part flat on a solid surface when pressing a button on the switch.



Do not bend the membrane switch.



Do not crease the tail of the part.



Do not use sharp objects to press the buttons on a switch.

