

**1. Identifying & Selecting Problem - PSP Step 1**

- a. Keeping strain gauges from breaking
- b. Ensuring solder joints don't break

**2. Analyzing the Problem - PSP Step 2**

- a. Bad solder bonds
- b. Adhesive not properly applied
- c. Too much solder
- d. Hard to reach places
- e. What is the root cause?
  - i. Mounting strain gauges is difficult and a proper process needs to be followed.

**3. Generating Potential Solutions - PSP Step 3**

- a. Practice, Practice, Practice
- b. Handle with extreme care
- c. Strap down & secure wires
- d. Bring pressure points away from solder joints
- e. Stick to the procedure each time when mounting

**4. Selecting & Planning Solution - PSP Step 4**

**5. Implementing the Solution - PSP Step 5**

**6. Evaluating the Solution - PSP Step 6**