LilyPad Battery Holder and LEDs

**LED DOESN’T TURN ON**
- **CHECK ON/OFF SWITCH**

**LED ONLY WORKS SOMETIMES**
- **CHECK FOR LOOSE CONNECTIONS**
  - LOOSE LOOPS
  - UNRAVELLED KNOTS

**LED IS VERY DIM**
- **CHECK FOR SHORT CIRCUITS**
  - KNOT TAIL IS TOUCHING
  - OVERLAPPING STITCHES
  - THREAD IS TOUCHING ANOTHER PART OF BOARD
  - STITCHING ACROSS A COMPONENT

**CHECK FOR REVERSED POLARITY**
- **CHECK FOR DEAD BATTERY**

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LilyMini ProtoSnap

- **LED DOESN’T TURN ON**
  - Check on/off button

- **LED ONLY WORKS SOMETIMES**
  - Check for loose connections
    - Loose loops
    - Unravelled knots

- **LED BEHAVIOR UNEXPECTED**
  - Make sure circuit matches design

- **CHECK FOR SHORT CIRCUITS**
  - Knot tail is touching
  - Overlapping stitches
  - Thread is touching another part of board
  - Stitching across a component

- **CHECK FOR REVERSED POLARITY**
  - Check for dead battery