

#### General:

This Field Bulletin describes how to eliminate the problem of a sudden power shutdown of the 256.

It is possible for a 256 to suddenly shut down during normal use even though the battery has a sufficient charge. The problem occurs when a metal strip on the inside of the rear battery cover loses electrical contact with switch contacts inside the 256. This can happen when the user applies pressure to certain areas on the back of the 256 battery cover.

The solution is to remove and discard the metal contact strip on the inside of the battery cover.

#### Requirements:

- Familiarity with the 256 Portable Balancing Instrument.
- Small flat blade screwdriver

#### Procedure:

1. Make sure that the power to the 256 is turned off.
2. Place the 256 face down on a soft clean surface so that you can see the battery cover on the rear of the instrument.
3. Use a flat bladed screwdriver to loosen the two screws holding the battery cover to the back of the 256. Remove the battery cover from the 256.



Figure 1 - Rear of 256 with Battery Cover Open

4. Locate the metal contact strip that is attached to the plastic rib on the inside of the battery cover. Use a flat bladed screw driver to pry the metal strip off the rib. Be careful to avoid physical injury when removing the strip.



**Figure 2 - Metal Contact Strip Removed from Battery Cover**

5. Discard the metal contact strip
6. Place the plastic battery cover into the back of the 256 and secure with the two holding screws.
7. The procedure is complete.