

Diagram 1. TRU-Balance 2 Power Tilt Troubleshooting Key

SECTION 1 - NO POWER

Symptoms:

- All electrical components are connected correctly.
- The on/off key is pressed and the power does not come on.
- Q6000 base already tested for no power.

Diagnosis:

The power has been interrupted somewhere in the TB2 system.

Solution:

Use the following procedure to find the source of the interruption:

1. Unplug 3a from 2b. **See diagram 2.**
2. Measure voltage across pin 1 and pin 4 on connector 3a. **See figure 2.**
 - If your multimeter indicates 0VDC, then replace the bus cable extension (2) and retest the system.
 - If your multimeter indicates greater than 0VDC, then plug 3a back into 2b and go to the next step.
3. Unplug 2a from 5b. **See diagrams 2 and 3.**
4. Measure voltage across pin 1 and pin 4 of connector 2a. **See figure 3.**
 - If your multimeter indicates 0VDC, then replace the bus cable extension (2) and retest the system.
 - If your multimeter indicates greater than 0VDC, then plug 2a back into 5b and go to the next step.
5. Unplug connector 1a from 5a. **See diagram 3.**
6. Measure voltage across pin 1 and pin 4 on connector 5a. **See figure 4.**
 - If your multimeter indicates 0VDC, then replace the AAM (5) and retest the system.
 - If your multimeter indicates greater than 0VDC, then replace the Q-Logic joystick (1).

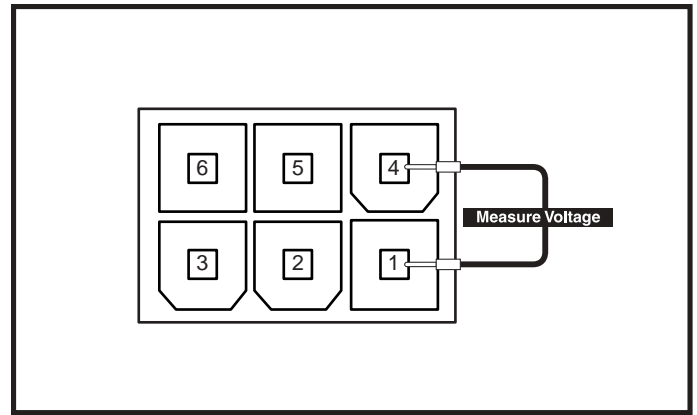


Figure 2. Connector 3a

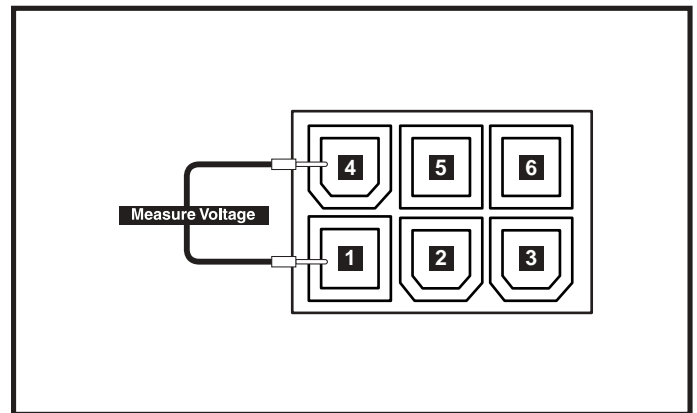


Figure 3. Connector 2a

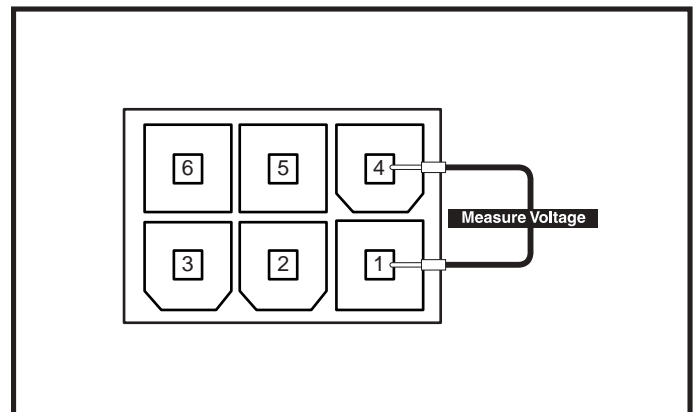


Figure 4. Connectors 5a