

Diagram 1. TRU-Balance 2 Power Tilt Troubleshooting Key

7. Deflect the toggle switch on the service panel. Observe the LEDs under the toggle switch and actuator for movement. **See figure 10.**
  - If the LEDs under the toggle switch light (depending on the deflection of the switch), and the actuator does not function, then replace the actuator (6) and retest the system. **See figure 10.**
  - If the actuator does function, then replace the AAM (5) and retest the system.

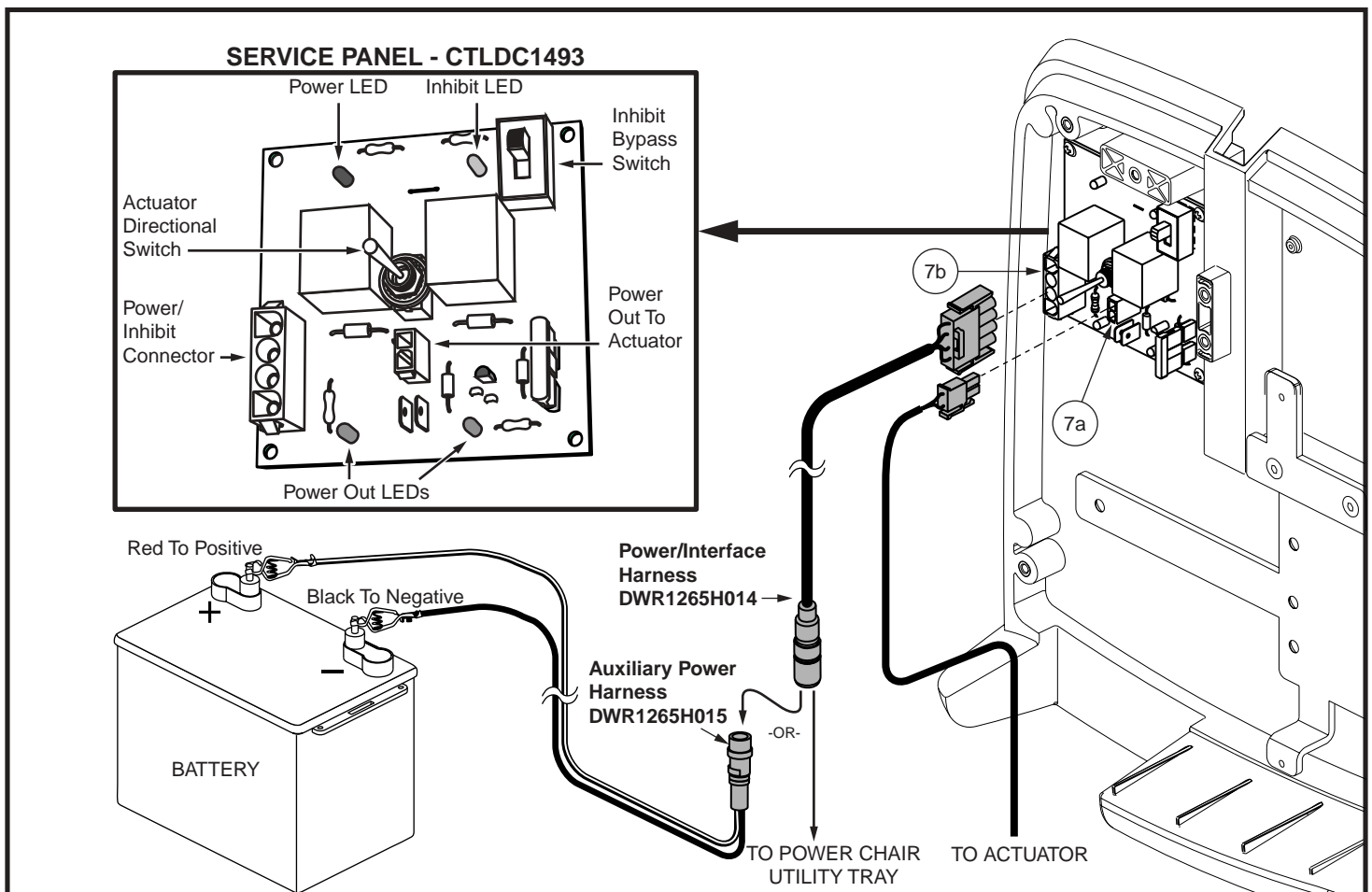
## SECTION 4 - SERVICE PANEL OVERVIEW

The TRU-Balance 2 Power Tilt is equipped with a service panel for troubleshooting purposes. Two harnesses are included with the service panel and are stored in a pouch located in the power pod at the rear of the seating system. **See figure 10.**

The harnesses are to be used as follows:

- Power/Interface Harness - Supplies power to the service panel and interfaces inhibit bypass to the power base
- Auxiliary Power Harness - Supplies power to the service panel power/interface harness from an external battery or batteries.

**NOTE:** The service panel is for troubleshooting purposes only and does not affect the day-to-day operation of the power chair or seating system.



**Figure 10. Service Panel Overview**

In order to power up the service panel, plug the power interface harness's flat 4-pin connector into the 4-pin power inhibit connector (7b) of the service panel. Then plug the power interface harness's round 4-pin connector into the round 4-pin connector (4a) coming from the utility tray of the power chair. If the power LED does not light, plug the power interface harness's 4-pin connector into the auxiliary power harness and attach the two alligator clamps to charged 12-volt battery.