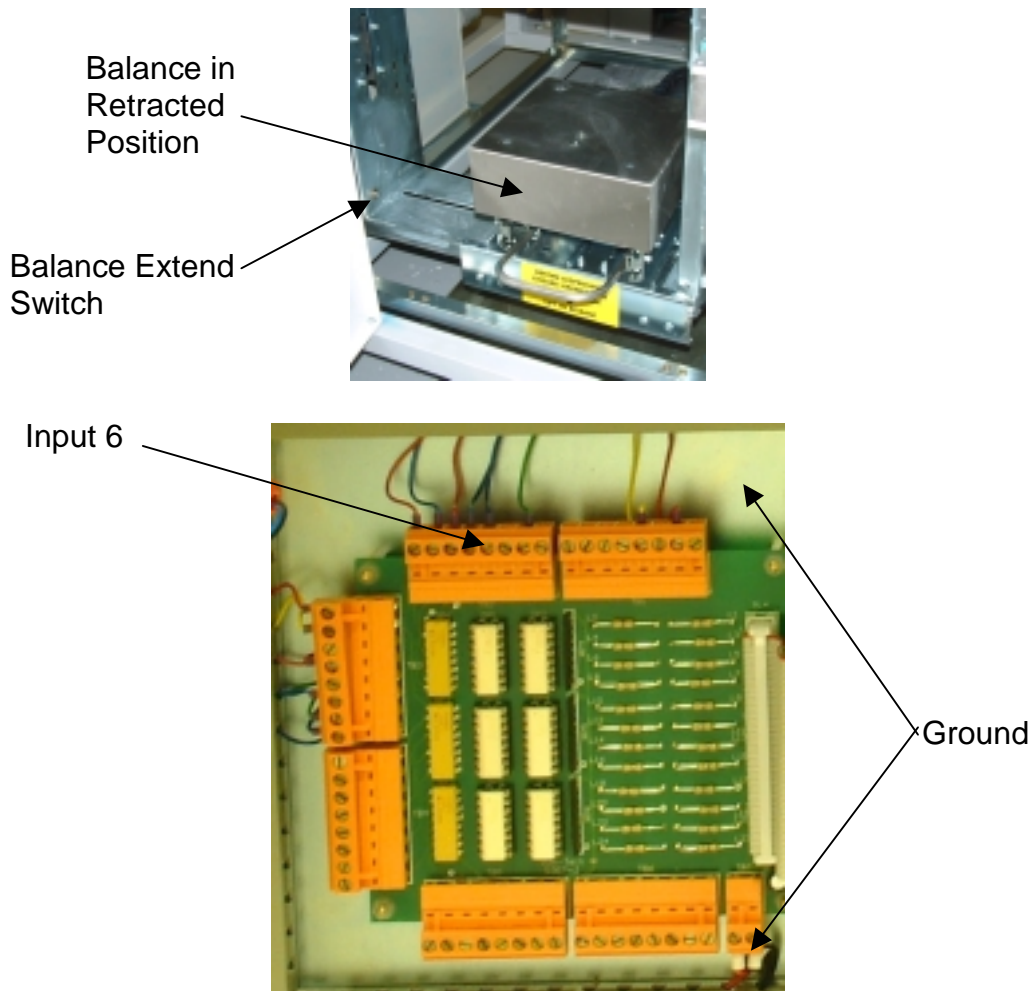


Technical Bulletin #19 Checking Input Board Signals

Input Board PCB 5367-3 provides signals based on the condition of switches on the Dispenser to the Main Controller Board to determine the state of the switch. Generally if the condition is false, 3V is seen on the input, when true, 0V on the input with reference to ground.

Example:

The Balance Extend Switch. If the Balance is positioned to the right, i.e. in the retract position, measuring between Input 6 of the Input Board and ground should produce a 6V potential difference. If the Balance is extended, in the left hand position, the voltage should be 0V.



If there is 0V on Input 6 when in the retract position, disconnect the input wire, if still 0V, change PCB 5367-3. If there is 3V on Input 6 when the balance is extended, check the switch and wiring continuity.

All other inputs work on the same principle, check the voltages for both conditions, the switch condition and wiring.

The Input Board of an HP1018 showing all inputs.

