

Dashboard Circuit Board:

The indicator lights on the dashboard were tested by sending 24V through the input of the circuit header. All tests passed as the current was limited and the voltage was calculated correctly so that the LEDs all lit up. However, the test that did not pass was the visibility in direct sunlight. This was tested with the GLV battery and the dashboard outside in direct sunlight. The result was that the lights could not be seen.

Cockpit Panel:

The cockpit panel was tested within the Dyno. The E-Stop functioned by shutting down the TSV as well as when the MReset was pressed the next step in the safety loop could engage. The drive button was also tested with power through the switch and the LED, both which worked, however not in the full system.