

MSD II Testing – Proper System Start-Up and Shutdown

Team: P18347: Stroller with HVAC capability

Responsible Engineer: Electrical Team

Purpose:

The purpose of this test is to ensure the system will start-up and shutdown properly using the power button.

Engineering Requirement:

Requirement #	Importance	Metric	Unit	Ideal Value	Marginal Value
S5.b	9	Electrical Safety: system shutdown	N/A	N/A	N/A

Materials:

- 1.) Stroller with heated seat

Test Procedure:

- 1.) Turn on system using power button and let run for a few minutes
- 2.) Ensure proper start up and heat generation
- 3.) Shut off system using power button
- 4.) Ensure proper system shut down and cooling of seat

Pass/Fail Criteria:

Pass	Fail
System starts and shuts down using power button	Anything other than pass criteria

Completion Date: