

## MSD II Testing – Emergency Shutoff

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Team: P18347: Stroller with HVAC capability

Responsible Engineer: Electrical Team

### Purpose:

The purpose of this test is to ensure the system will shutdown using the emergency shutoff.

### 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 and let run for a few minutes
- 2.) Engage emergency shutoff
- 3.) Ensure seat has cooled off completely and system is shutdown
- 4.) Test at multiple temperatures

### Pass/Fail Criteria:

Pass	Fail
System starts cooling immediately	Anything other than pass criteria

Completion Date: