

Door Error Timing Diagram

Notes for this diagram:
A first event is scheduled containing a motor error.

IN OUR SYSTEM, DOOR ERRORS ARE ONLY TRIGGERED WHEN THE ELEVATOR IS TRYING TO CLOSE ITS DOORS.

This diagram assumes that the elevator is NOT on the pickup floor at the beginning.
If it was on the pickup floor, the LOADING state would be transitioned to (between DOORS_OPEN and DOORS_CLOSED at the beginning).

