

LA400 - Unit will not exit learn limit mode

Published 11/13/2012 12:21 PM | Updated 10/17/2013 08:19 AM

After setting the limits on the LA400, why won't the unit leave the learn limit mode?

After successfully programming the limits for the LA400, the unit should beep and the set open and set close limit LEDs should be off. If the set open limit LED begins blinking, the limits have not been successfully learned. If the limits are not setting correctly, here are the steps to trouble shoot the issue:

- Make sure the Mode switch is set to the correct setting; single for one arm, dual for two arms. If the switch is not set correctly, turn the Save switch off, set the Mode switch to proper setting and turn Save back to on. If the mode switch was changed without moving the Save switch, the change will not take effect.
- Verify the arms are wired correctly. Make sure the correct colored wires are on the correct terminals for the Gate 1 and Gate 2 plugs.
- Verify that the proper steps are being taken to set the limits. For example, when setting the limits for a dual unit, the open limit must be set for both Gate 1 and Gate 2 must be set prior to learning the close limits for both. If the user attempts to set open and close for Gate 1 first, then Gate 2, the limits will not set correctly.

Troubleshoot the passpoint voltages. Disconnect the arms from the gate to allow full travel of the arm. Measure between the white and yellow wires for the arm(s). The voltage should read:

- 0V with the arm retracted
- 3.6V with the arm in mid-position
- 6.4V with the arm fully extended.