



November 11, 2019

Product Change Notice - New Slim Rack controllers motorized and towable

Dear Valued Customer:

Please be advised we have made several improvements to our Slim Rack Slide-out controllers. The main changes are removal of the park brake DIP switch, new unified fault codes, new low voltage behavior of the controller, and compatibility with OneControl by LCI. The new controllers were also designed to have increased motor efficiency and improved control.

Previously, the fault codes and low voltage behavior were different between manual program and auto program controllers. With the new controllers, there will be unified fault codes for all variants. See the new unified fault codes/ flashes below:

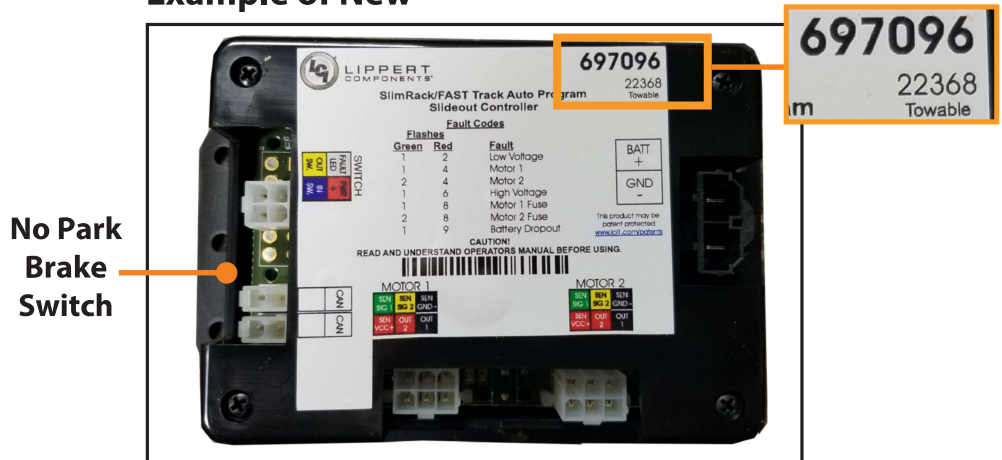
Flashes

- FAULT_TYPE_PARK_BRAKE = 1 flash.
- FAULT_TYPE_BATTERY_LOW = 2 flashes
- FAULT_TYPE_MOTOR = 4 flashes
- FAULT_TYPE_BATTERY_HI = 6 flashes
- FAULT_TYPE_STOPS_NOT_PROGRAMMED = 7 flashes
- FAULT_TYPE_FUSE = 8 Flashes
- FAULT_TYPE_BATTERY_DROPOUT = 9 flashes

Example of Current



Example of New



Low Voltage Behavior

- New Auto Program variants show Low Voltage fault, but no longer show the Low Voltage Warning that appeared at 12V.
- New Auto Program variants return from Low Voltage fault at 11.25V — currently they return at 12.25V.
- New Manual Program variants show Low Voltage Warning at 11V — currently the warning is at 12V.
- New Manual Program variants return from Low Voltage/Low Voltage Warning fault at 11.25V — currently at 12.25V.
- New overcurrent detection is 15A/5seconds and 10A/20seconds — current is 20A/10seconds and 10A/20seconds.
- New motor stall time is 1second — current is 2 sec. The new stall time reduces stress on the components/system by reducing the time the motors are being driven while stalled.
- Auto Program variants, FAULT_TYPE_STOPS_NOT_PROGRAMMED is shown if any of the motor stops are not programmed. Fault clears itself when all 4 stops are programmed.

Park Brake Input/DIP Switch

Currently, the controllers have a DIP switch that turns the park brake switch "ON" for motorized units and "OFF" for towable units. (With the switch set to "ON" the slide-out cannot be activated unless the motorized unit's park brake is set.) The new controllers will not have a DIP switch. The controllers will be programmed "ON" for motorized and "OFF" for towable.

LCI intends to make this change on a running basis. We will be selecting a few customers at a time to implement the change. Your LCI sales representative will reach out to you and advise you as to when the change will occur for your products.

Current PNs	New PNs
366701 Auto-Program Towable	697096 Auto-Program Towable
366697 Manual-Program Towable	700155 Manual-Program Towable
404183 Manual-Program Motorized	700157 Manual-Program Motorized
644097 Auto-Program Motorized	700156 Auto-Program Motorized

If you have any questions, please feel free to call me directly or your LCI representative. We value and appreciate your business and partnership.

Sincerely,

Zachary Inbody

Sales Engineer

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Frequently Asked Questions:

- 1. Will a new part number be required?** Yes, please see the chart above.
- 2. Does the price change for the item?** No, there is no price change.
- 3. Is the new part wholly interchangeable with the previous version of the part?** Yes, the controllers are interchangeable.
- 4. Does the customer need to replace inventory?** No, LCI intends to make this change on a running basis. We will be selecting a few customers at a time to implement the change. Your LCI sales representative will reach out to you and advise you as to when the change will occur for your products.