

# Product Bulletin

**Date:** October 31, 2022  
**Update Number:** P2022-36  
**Subject:** SLS Limit Switch Change for Commercial Door Operators  
**Product Affected:** LiftMaster® Logic 5.0 (L5) Commercial Door Operators

**LiftMaster is excited to share a new standard feature for our Logic 5.0 commercial door operators.** This feature replaces the physical Sensing Limit Switch (SLS) with an electronic version for improved performance when the door is moving in the closing direction. The SLS will no longer lead to unintended stopping of the door above the intended SLS activation height.

L5 operators previously used a physical SLS. L5 operators manufactured after October 31, 2022, achieve the SLS function through electronics in the L5 Logic Board. The presence or absence of a physical SLS is readily visible. The Close Limit Switch (CLS), Open Limit Switch (OLS), and SLS LEDs on the logic board illuminate when the operator power is on and the switches are activated.

The SLS is preset in the factory to engage when the door is moving in the closing direction and the door height is less than approximately 6" from the ground. The purpose of the SLS is to STOP a closing door when the primary monitored entrapment protection is activated in the closing direction within the SLS activation range. This prevents nuisance door reversals that are attributed to a reversing edge that contacts the floor while the door is located at its CLS position. The activation range of the SLS is no longer adjustable in the field.

Upon power cycling (off/on) while the door is located at a position other than the OLS or CLS (i.e. midtravel) and following setup or adjustment of the OLS/CLS limits, one complete cycle (open/close) of the operated door is required to learn/relearn the SLS position. If a reversing edge is present, a door reversal may be experienced at the end of this initial setup cycle. Setting limits prior to connecting the edge is recommended. The SLS will now prevent future unintended reversals. For through-wall installation where the rotation of the motor and logic board settings may need to be adjusted, the existing process remains unchanged.

- A) Relocate the motor direction jumper on the logic board.
- B) Remove the CLOSE/OPEN decals and reposition appropriately.

The logic board service kit part number for L5 operators is K001D8395MC. L5 logic boards with a date of manufacture (DOM) later than Oct-31-2022 are backward compatible with all versions of L5 operators, both with the physical SLS and with the electronic SLS. There is no need to remove an existing physical SLS when a logic board is replaced. The logic board firmware will automatically provide the electronic SLS feature.

**LiftMaster**

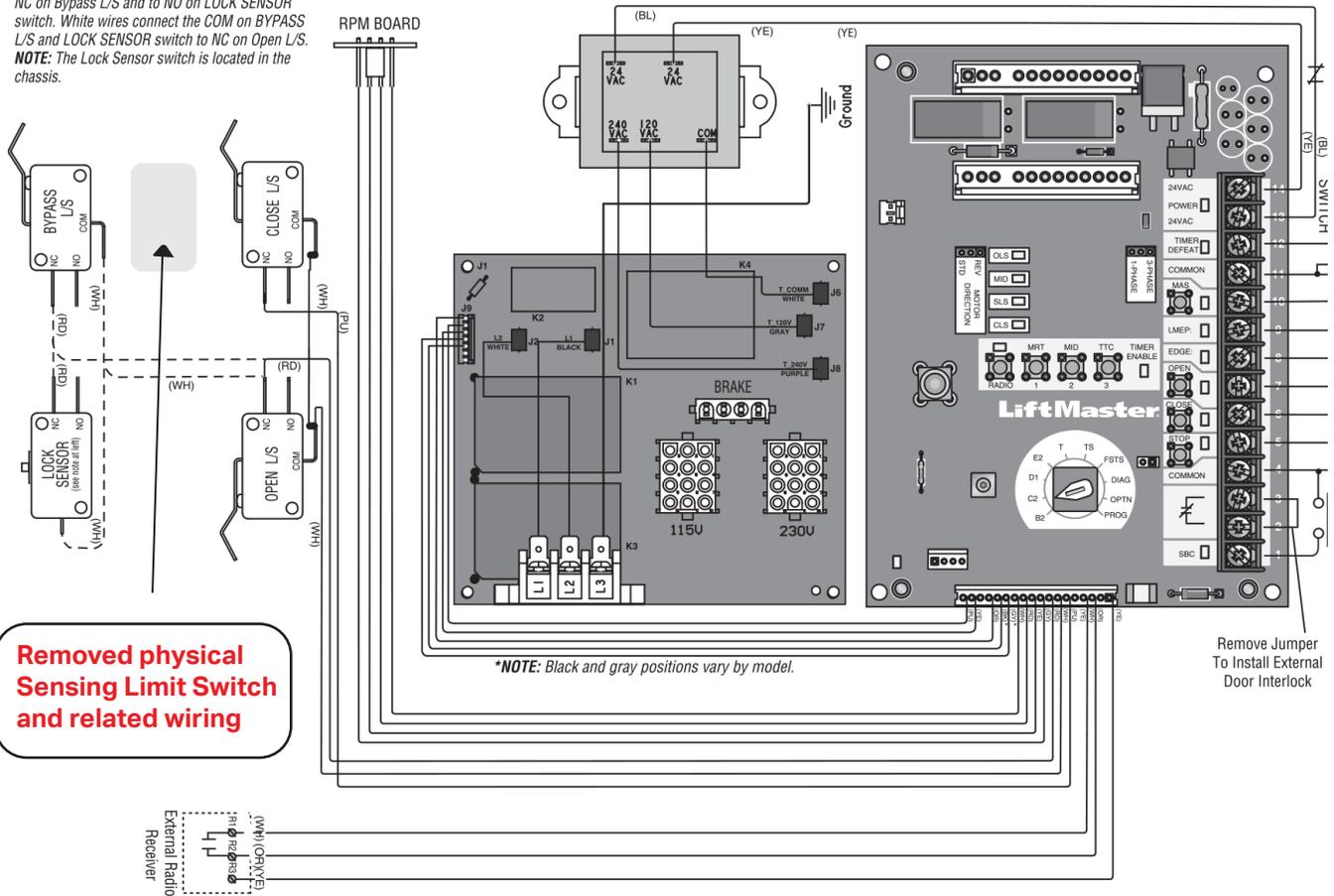
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If Dealers and Distributors have existing inventory of K001D8395MC with a DOM earlier than Nov-01-2022, that logic board service kit may only be used to service L5 operators that have the physical SLS. If you would like to exchange your current inventory for new inventory with a date equal to or later than 01-Nov-2022, please request a Returned Goods Authorization (RGA) through LiftMaster Technical Support at 800.528.2806 and note on the RGA: Part K001D8395MC with DOM prior to 01-Nov-2022 for a no-cost exchange.

As noted in the included image of the L5 single-phase wiring diagram, the physical SLS and the related wiring have been removed. This change applies to all L5 single-phase and 3-phase commercial door operators.

**NOTE:** Lock Sensor is provided on Models DJ and DHJ only, red wire from main harness connects to NC on Bypass L/S and to NO on LOCK SENSOR switch. White wires connect the COM on BYPASS L/S and LOCK SENSOR switch to NC on Open L/S. **NOTE:** The Lock Sensor switch is located in the chassis.



**NOTE:** 32 Vdc power supplied from White and Yellow wires located within the electrical box.