

### APPLICATION REQUIREMENTS:

This instruction is intended for use with the SL595 Variable Speed operators as a supplemental instruction to the standard SL595 manual, 01-34850. All other installation, programming, and configuration information should refer to the 01-34850 manual.

## PROGRAMMING INSTRUCTIONS

### BEFORE STARTING

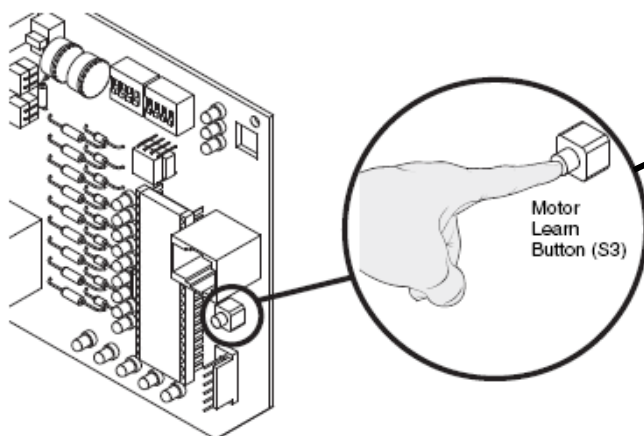
Before starting, the operator should be correctly installed and connected to the gate. The gate operator should not be run until after the motor is learned. The limit nut should be adjusted so that the gate can travel several feet in either direction without hitting a limit.

### MOTOR LEARN FUNCTION (FORCE PROFILE)

In order to accurately set the force control for the operator, the control board must “learn” the specific RPM profile for your operator. This is done using the red button, “S3”, located at the end of the control board, next to the microprocessor.

**NOTE:** Motor learn must be performed in stand alone mode while running at its slowest speed setting as set by the main speed potentiometer. The gate must be correctly installed and connected to the operator.

1. Set the gate speed to the slowest setting by turning the main speed potentiometer (located in front of the small control board) fully counter-clockwise.
2. Press the motor learn button (S3) on the main control board. The yellow LED should start to flash rapidly.



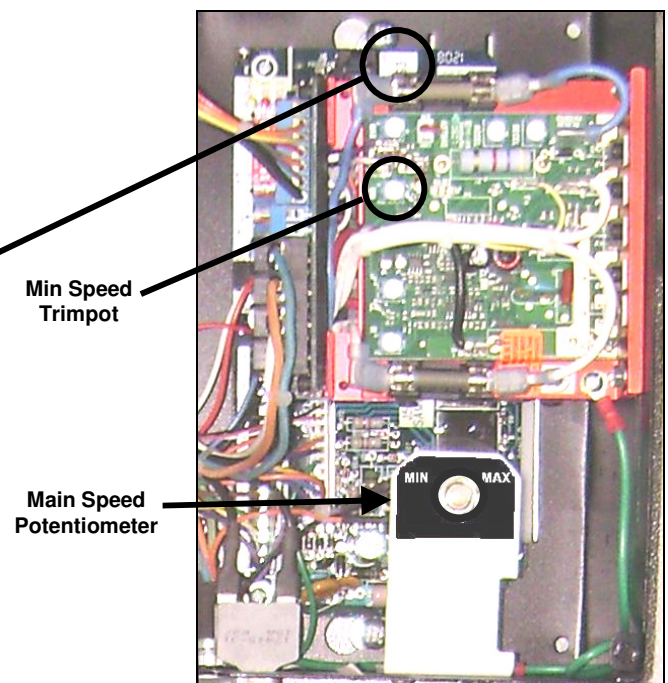
If the unit hits a limit before completing the learn sequence or some other error occurs, the LED will go back to “on” continuously. If this happens, try learning the motor in the opposite direction.

### COMPLETING THE INSTALLATION

The limits and other aspects of the operator can be configured at this time. Refer to the main operator manual, 01-34850, for these instructions.

After the limits are set and the gate is operating as intended, the main speed potentiometer can be adjusted as desired. Verify that the gate can run the full open and close distances without incident after adjusting the main speed potentiometer.

**NOTE:** If the gate cannot move at full speed without stopping, the motor profile must be re-learned at a higher minimum speed. To do this, increase the minimum speed by turning the Min Speed Trimpot clockwise. Adjust the Main Speed Potentiometer to its minimum setting (fully counter clockwise) and repeat the motor learn process.



3. Push and hold down either the open or the close buttons. The motor will run for a few seconds and then stop. If the LED goes out the motor is learned.