

SCDC LED FAILURE TEST AND REPLACEMENT BOARD INSTALLATION

Instructions #PIB 6332

The LED Board used in SCDC Pay-Out and Rewind Cards can lose its light intensity over time. In order to maintain the proper light intensity the voltage to the card increases. The amount of voltage required to make the card perform properly is represented by the Light Level Code, as viewed in figure 2. Each time the unit is powered up, the card updates this number based on the current condition of the LED. Upon power up, if this number increases to 16, a pay-out control will cause the pay-out platter to run “full on”. Under the same conditions, a rewind control will power down. It is recommended that the LED board be replaced any time the Light Level Code exceeds 13. This reading can be verified using the SCDC Board Programming Kit (Part #4659) for boards with a serial port or Diagnostic Kit for SCDC Controls w/USB interface (Part #7265) for boards with a USB port, and by following the procedure below. See PIB 4652 (included in Part #4659) or PIB 7267 (included in Part #7265) for instructions for software installation and cable connection instructions.

1. Run the file from the hard drive. You should get the following screen:

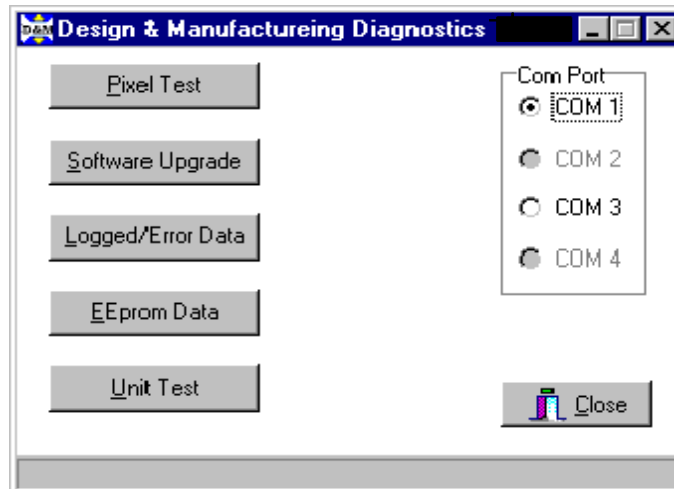


Figure 1

2. Select “Unit Test” (shown in Figure 1). You will get the following screen:

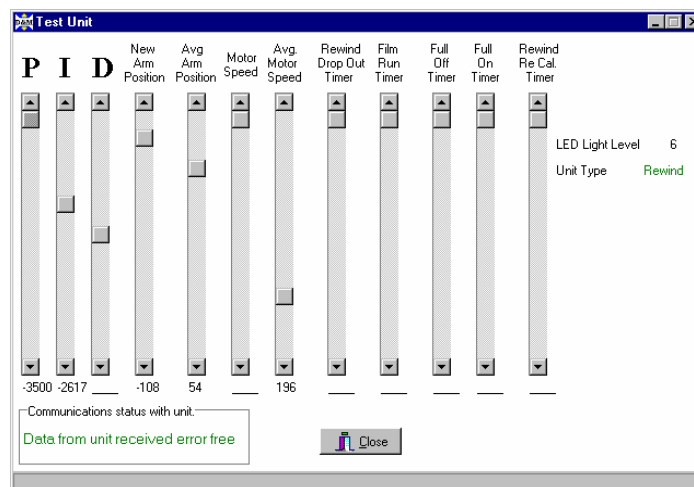


Figure 2

Note the “LED Light Level” number in the upper right corner of the screen. If this number is 13 or higher the LED board is near the fail point and it is recommended that the LED board be replaced. Check both the Pay-Out and the Rewind cards. A SCDC LED Replacement Board (part # 6329) can be used on both types of cards. The new LED board is installed as follows:

On the Rewind card, remove the screw in the center of the card and **CAREFULLY** pull the board away from the card until the four contacts are free of the card socket. **CAREFULLY** remove the contacts from the old board and install in the new board. Install the new board on the card being careful not to bend the contacts (see Figure 3A and 3B). After installing the new board on the card, slide the contacts up or down until there is a gap of approximately 1/16” between the collar on the contacts and the socket on the PC board (see Figure 4). This will insure maximum contact in both sockets.

On the Pay-Out card, the cover must be removed to access the board. The screw which secures the cover also secures the LED board. Otherwise the instructions are the same. Recheck the LED Light level after installation. The reading should be 6 to 8 on a card with serial interface and 3 to 8 on a card with USB interface.

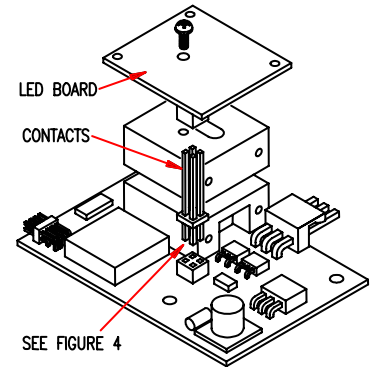


Figure 3A
Used prior to March 2006

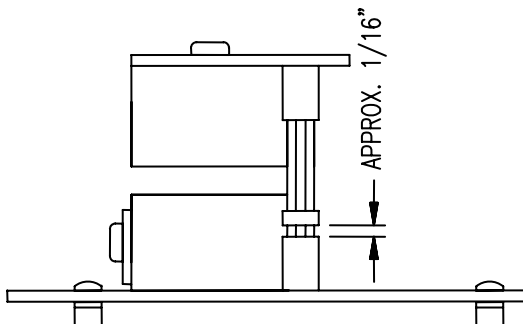


Figure 4

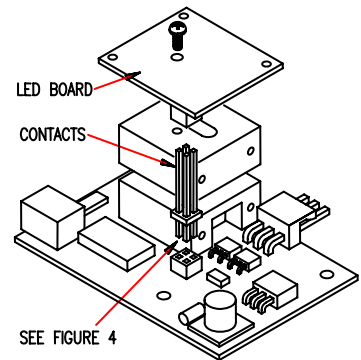


Figure 3B
Used March 2006 and later.