

## TB010 (Rev1) - LCD Display Conn

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NOTE: This procedure is intended for qualified technicians only. You may void the warranty of your control if unqualified personnel proceed with the modification! The purpose of this document is to provide instructions on a field expedient repair of LCD connector problems.

### Objective

This procedure is to replace the connection to the LCD Display. After several years in use in a vibrating environment the original connector would begin to show signs of intermittent display problems such as a jumping display, blanking out, etc.... These symptoms can be induced with a tap on the side of the control.

### **DISCONNECT ALL POWER TO THE CONTROL BEFORE PROCEEDING!**

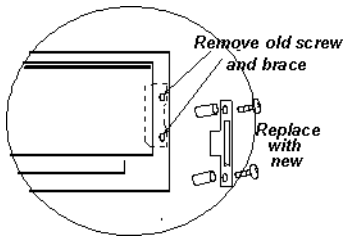
Step 1 - Disconnect cables and remove the control from the bracket arm. While on the bench, remove all the 7/32 Allen screws from the front panel being careful not to let the front cover drop.

Step 2 - Locate the LCD Connector on the right side of the LCD, and disconnect the ribbon cable. Remove two (2) screws that secure the old connector and discard the old connector and the metal brace.

Step 3 - Insert two (2) screws from the kit through the holes of the new circuit board connector, through the standoffs and into the front panel. Use a drop of locktite on the screw. CAUTION: Hand-tighten only! Do not over-tighten.

Step 4 - Reconnect the ribbon cable onto the new connector, and re-assemble the front panel to the control.

### ***VIEW: Back side of Front Control Panel***



NOTE: Always have your Control serial number ready when you call Tech Support.

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### Document History

Rev1 Created on **1998-02-24**