

Date: Monday, August 07, 2000
To: CEC Customer
From: Yung Ho Park
Subject: Brake Failure; Intermittent Errors due to DC/DC Converters; Software Adjustment for DPP.
Bulletin: No. 5

Please note that the following updates should be reviewed and implemented if necessary. Please contact CEC Technical Support with any questions regarding these matters.

Technical Support: **212-489-5750** Fax: **212-245-8245**

Item No. 1

If you are experiencing intermittent brake board failures in which the board does not output the DC voltage to the brake coil, the board's software needs to be updated to version 11. This involves replacing the "U1" brake chip on the BKMF-control board. Please contact CEC to obtain the appropriate chip.

Item No.2

If intermittent errors, such as error 94,71 occur, an inspection should be made of the leads of the DC\DC converters (HLD2405s) on all SMI boards. These leads should be at least 1/4" in length to make sufficient contact with the board. If a replacement converter is required, please contact CEC.

Item No.3

When using version 10 software, the SPU may encounter problems obtaining the correct direction of the car from the DPP1 and DPP2 quadrature signals. To compensate for this, BIT2, CS8, must be set, so that the direction of the car is provided by drive, not DPP1 and DPP2. Please contact CEC if there are any problems implementing this change.