

Date: Monday, March 2, 1998
To: CEC Customer
From: Wing C. Chan
Subject: Hall Lantern Power and SPU boards.

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

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HL+ to HLC was never meant to be used as the power source for the hall lanterns because it is the same power supply as V+ to Vc. When the lantern turns on, the in rush current resets the 24 VDC power supply and resets the communication line for the local boards which contains the BK, VFC, MRC boards in the motor room. When that happens it can drive fault the car. That is why the hall lanterns should be powered by a different power supply, like VH+. The HL+ to HLC was probably a preliminary print and the final print was never received at the job site.

As for the SPU boards, there is no difference between version A or version B board. Version A board had some traces cut and wires solder to correct the layout of the board. Version B got rid of those trace cuts and soldered wires and the layout of the board was corrected itself.