SERVICE BULLETIN

Bulletin Part Number: 313419-B1

Product: ControlSpace® ESP-88 and ESP-88C Chassis

Subject: Potentially defective DC power wiring harness

Disposition: On all ESP-88 and ESP-88C chassis returned for service that were built before November 1st, 2008 (DOM 8306), replace the DC power wiring harness with the upgraded part.

Symptom: The chassis Status LED is lit red and audio cannot be controlled by the CC16 or CC64 controller. Audio cards may not be detected during a chassis scan using the ControlSpace Designer software.

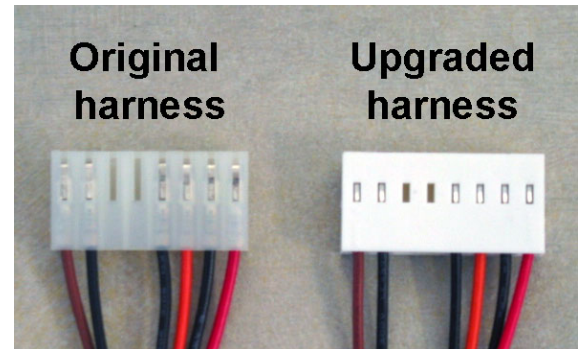**Reason:** Intermittent / degraded connection on the +5Vdc pin of the DC power wiring harness.

Solution: Replace the DC power supply wiring harness with an upgraded part using the following procedure.

1. Unplug the AC mains cable to the chassis.
2. Remove the chassis top cover.
3. Verify that the chassis is using the original wiring harness. The original wiring harnesses for both the IPD and the Astec power supplies use a translucent body connector at the DC power supply end. The upgraded harnesses use a solid white connector. The examples shown at right are for units with the IPD supply. If the wiring harness connector has a translucent plastic body, unplug it from the power supply and motherboard and discard it.

Original harness   Upgraded harness

4a. If the unit has an IPD power supply, install the upgraded harness Bose part number 318938-001S. Perform the DC voltage adjustment procedure listed in the service manual, reference number 286448-SM.

4b. If the unit has an Astec power supply, install the upgraded harness Bose part number 318935-001S. Perform the DC voltage adjustment procedure listed in the service manual, reference number 313419-SM.

Note: The wiring harnesses for the IPD and Astec supplies are NOT interchangeable. They have different wiring connections. Be sure to use the correct harness for your chassis.

IPD Supply   **Astec Supply**

The service manuals can be found at the Bose Service web site at http://intranet.bose.com/tsg or http://serviceops.bose.com on the Pro Products page.

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