

# SERVICE BULLETIN

**Bulletin Part Number:** 344871-B1

**Product:** FreeSpace<sup>®</sup> Integrated Zone Amplifiers, IZA-250 and IZA-190

**Subject:** No power / dead unit due to unseated connector.

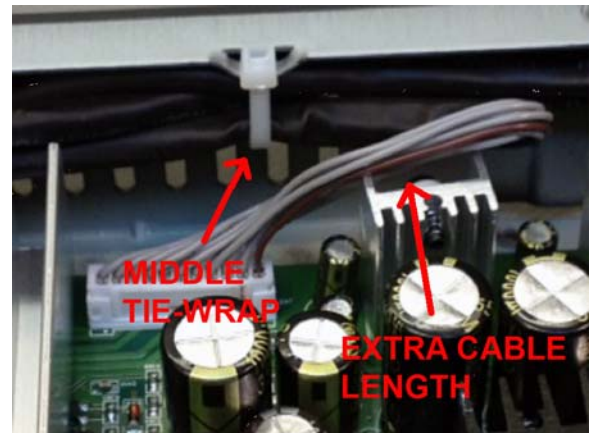
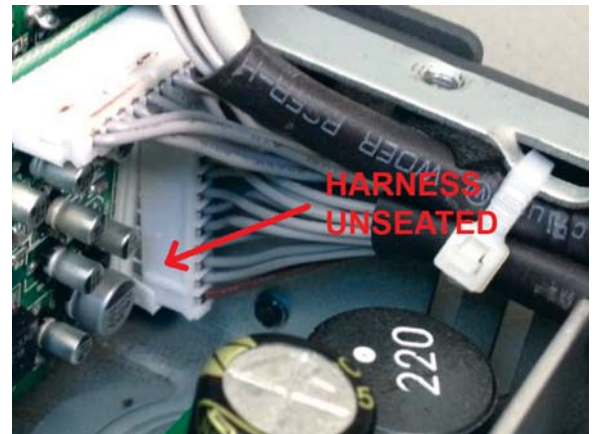
**Disposition:** On all IZA-250 and IZA-190 amplifiers that come in for repair with the below symptom, perform the following procedure.

**Symptom:** Dead unit / no power up.

**Reason:** The wiring harness that connects from J4A on the DSP PCB to J4B on the SMPS/Amp PCB may have become unseated at connector J4A due to vibration during shipment from the factory. Refer to the photo at right.

**Solution:** Perform the below procedure.

1. Remove the two tie-wraps located along the wiring harness that runs from connector J4A on the DSP board to connector J4B on the SMPS/Amp PCB and discard.
2. Reseat the wiring harness into connector J4A on the DSP PCB.
3. Move about 5mm of the extra length of the wiring harness toward the DSP PCB. Refer to the photo at right.
4. While holding the wiring harness in the new location, place a new tie-wrap on the wiring harness at the location near the middle of the chassis.
5. Ensure the wiring harness is still fully seated into J4A on the DSP PCB.
6. Perform the test procedures located in the FreeSpace IZA Amplifiers service manual, reference number 344871-SM, to ensure the product is working properly before returning it to the customer. The service manual is located on the Bose Service web site at <http://intranet.bose.com/tsg> and <http://serviceops.bose.com> on the Professional Products page.



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