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# Customer Service Bulletin

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SLM Electronics, Inc. Saint Louis, Missouri, USA

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February 28, 2001

#CSB0015B

## Units Affected:

<u>Model</u>	<u>Serial Numbers</u>		
GX65U	BOEUMA0001	through	BOEUMA0015
	BOEUM00001	through	BOEUM00105
GX65W	BOBWM00001	through	BOBWM00300
	BOBWMA0001	through	BOBWMA0155
	BOBWM00406	through	BOBWM00460
	BOBWM00301	through	BOBWM00405
GX212U	BODUMA0001	through	BODUMA0010
	BODUM00001	through	BODUM00065
GX212W	BOCWMA0001	through	BOCWMA0105
	BOCWM00001	through	BOCWM00085

## Purposes:

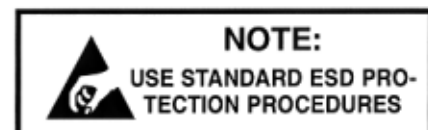
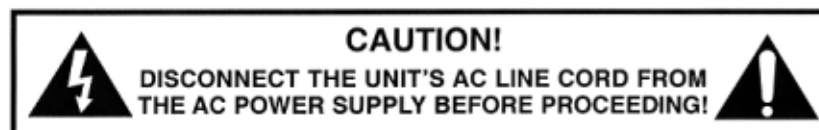
- (1) Some units have been shipped with the incorrect value and/or type of external fuse.
- (2) Some units have been manufactured with defective captive fasteners (also known as “cage nuts”), resulting in loosely mounted chassis assemblies and/or possible short circuits from metal fragments inside the chassis assemblies.
- (3) Some units may have excessive tension on the reverb wires inside the amplifier assembly.

## Recommended Actions:

- (1) Replace the existing fuse with the supplied “correct” fuse (if necessary).
- (2) Replace the existing captive fasteners with those supplied.
- (3) Relieve the tension on the reverb wires if needed.
- (4) Remove any metal fragments from inside the chassis assembly.

## Tools Needed:

- #2 flatblade screwdriver
- #2 phillips screwdriver
- small flatblade jeweler’s screwdriver
- protective eyewear
- sharp blade or X-ACTO® knife
- 2” wide clear packing tape



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## Corrective Action:

(1) Using the flatblade screwdriver, unscrew the cap from the fuseholder located on the rear chassis of the amplifier.

(2) Remove the fuse from the fuseholder and inspect the value and type information printed on it.

Compare those ratings to the following charts:

MODEL	FUSE RATING
GX65U	T1.25A 250V
GX65W	T1.25A 250V

MODEL	FUSE RATING
GX212U	T1.6A 250V
GX212W	T1.6A 250V

If the rating on the fuse corresponds to the information above, reinstall the fuse into the fuseholder and tighten the fuse cap.

If the rating on the fuse differs from the information above, discard that fuse and replace it with the correct fuse (supplied) that matches the chart for the model of amplifier being serviced.

(3) Remove the amplifier assembly from the cabinet as follows:

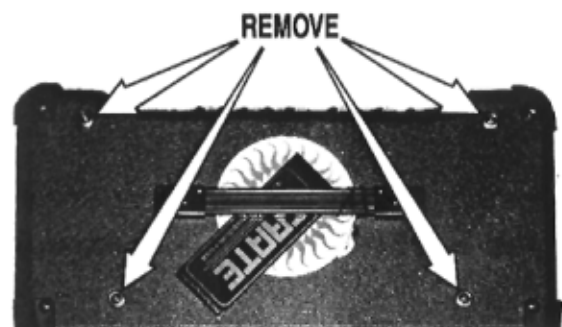
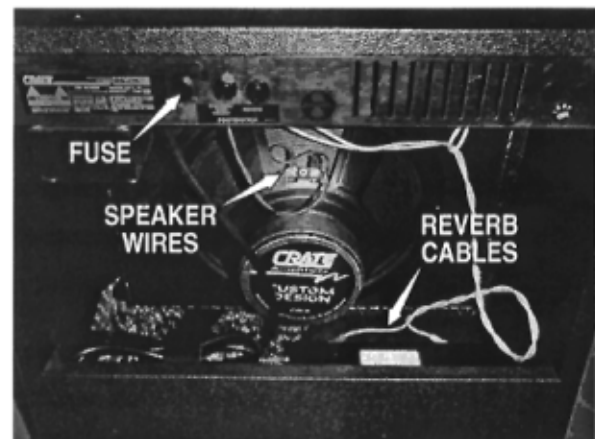
a: Disconnect the speaker wires from the terminals of the driver(s) inside the cabinet.

b: Disconnect the reverb cables from the reverb tank. (Pull the wires through the retaining strap to free them from the cabinet.)

c: Using a #2 phillips screwdriver, remove the four (4) top panel screws which secure the amplifier assembly to the cabinet.

**NOTE:** Support the amplifier assembly from behind when removing the final screw to prevent it from falling.

d: Remove the amplifier assembly from the cabinet and place it right-side-up on a clean work surface.



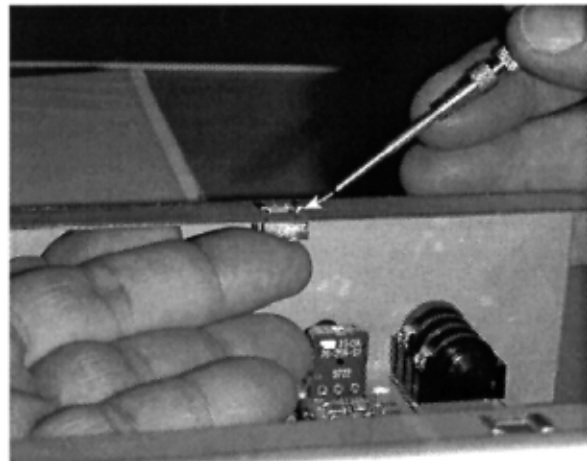
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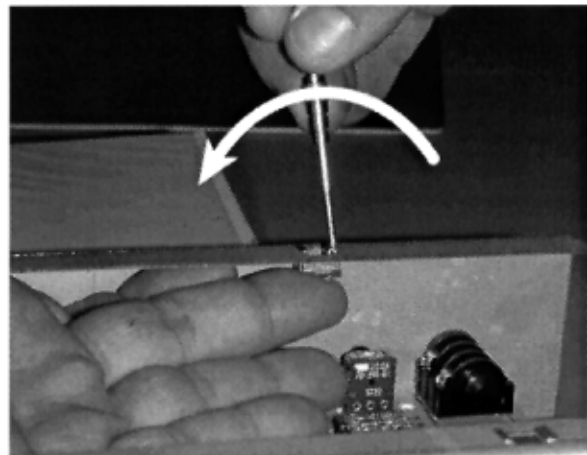
**NOTE: The use of protective eyewear is recommended for the next segment!**

(4) Remove the four (4) captive fasteners as follows:

a: While supporting the captive fastener from underneath with one hand, use your other hand to insert the end of the blade of the jeweler's screwdriver under the lip of the fastener.

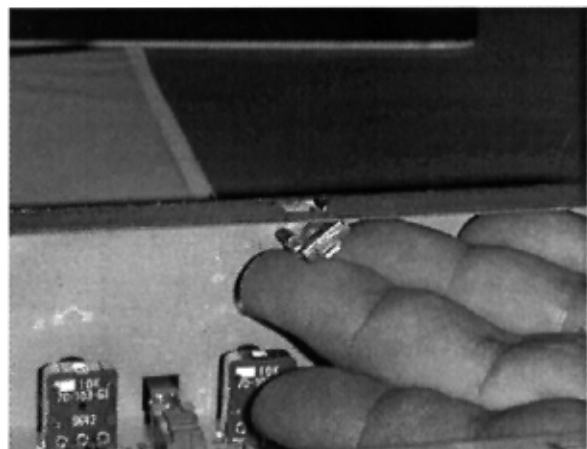


b: While still supporting the fastener, carefully work the blade of the screwdriver into the the small space between the fastener and the amp chassis. Snap the fastener out by bringing the body of the screwdriver up and over the fastener in an arcing motion.



(5) Install the replacement captive fasteners as follows:

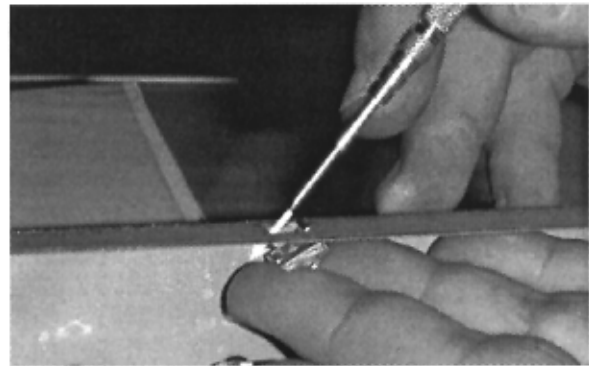
a: Position the fastener beneath the lip of the chassis, underneath the chassis mounting hole. Angle the fastener and lift one edge up through the mounting hole. Rest the lip of the fastener's spring clip against the chassis.



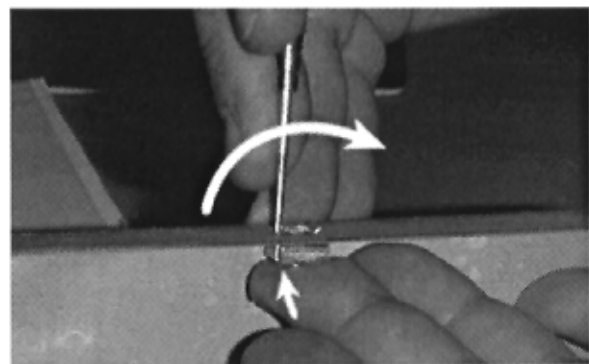
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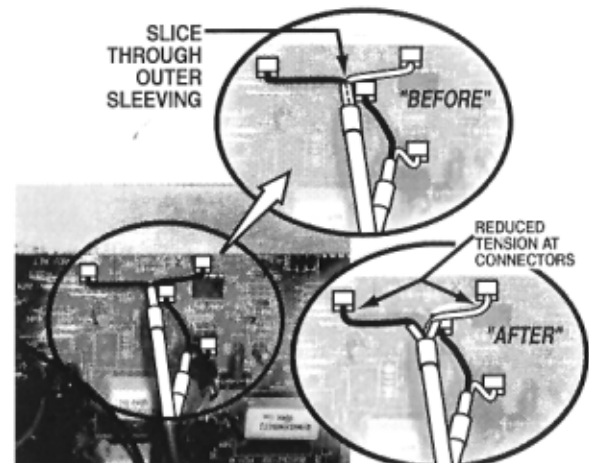
b: While supporting the fastener with one hand, slide the tip of the jeweler's screwdriver through the mounting hole until it is just past the lip of the fastener's remaining spring clip.



c: Position the blade of the screwdriver against the outside edge of the spring clip. Snap the fastener into place by lifting up on the fastener while simultaneously bringing the screwdriver up and over in an arcing motion.



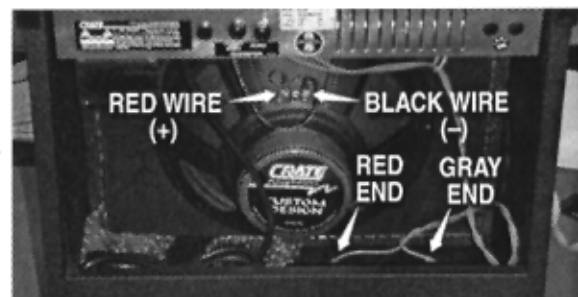
(6) Inspect the reverb wires where they connect to the amplifier PCB. If the wires appear to have excessive tension at their terminations, use the sharp blade to carefully slice through the overwrap where the wires enter their outer casing. (This will relieve the tension.) Do not cut through the wires themselves!



(7) Turn the chassis assembly on its end and shake out any metal fragments which may be present. Visually inspect the amplifier assembly for any foreign objects and remove them.

(8) From behind the cabinet, position the amplifier assembly into its mounting location. Replace the four top panel screws. Do not cross-thread or overtighten the screws.

(9) Reconnect the speaker wires and reverb cables. The red speaker wire goes to the "+" terminal, the black wire to the "-" terminals. The reverb cable with the red end goes to the red reverb tank jack, the cable with the gray or unmarked end goes to the white reverb tank jack.



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## **Unit Check:**

- (1) Connect the unit's AC line cord to an AC power supply. Turn the unit on and test all its functions.

## **Repacking the Units:**

- (1) Clean the unit as needed and wrap it in its protective plastic bag.
- (2) Ensure that all original packing materials and literature are repacked in their original locations.
- (3) Make absolutely certain to match the unit's serial number to that on the shipping carton.
- (4) Reseal the inner carton prior to re-sealing the outer carton.

