

CLS

Stat Replacement (Page 1 of 3)

Replacement Accessories (included):

- Stat Panel
- Extra frame channel pads if needed

Tools required (included):

- Discharge card
- Paper clip wire tool

Tools required (not included):

- 3/16" Allen tool
- Diagonal cutters
- Slot screwdriver

- 1 Turn off receiver/processor. Unplug the CLS power cord. Disconnect all signal cables from the speaker. Prepare a padded surface next to the wall if carpeting is not available. Stand the speaker close to and facing the wall.
- 2 Using the 3/16" Allen tool, unbolt the electronics box from the frame. As the box comes free be prepared to lean the frame and stat panel against the wall (figure 1).
- 3 Also be prepared to unplug the white stat panel wire connector from the edge of the circuit board with a gentle but firm pull (figure 2).
- 4 Discharge the stat panel by inserting the discharge strip card into the edge connector (figure 3).



Figure 1



Figure 2

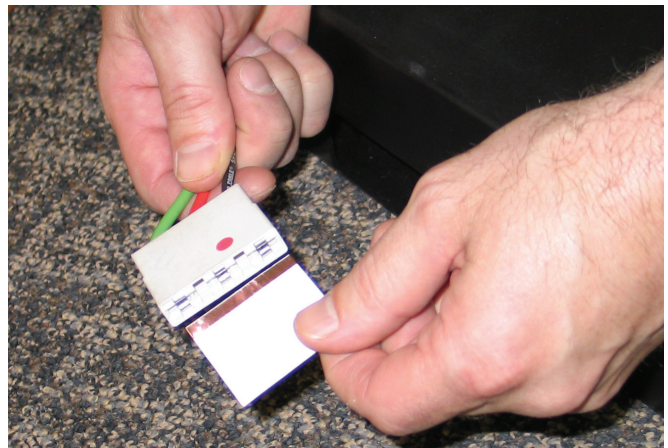


Figure 3

c l s e l e c t r o s t a t i c



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- Using the paper clip wire tool, unlock the spring tab on each wire connector by inserting the tool into the hole on the side of each connector (figure 4).

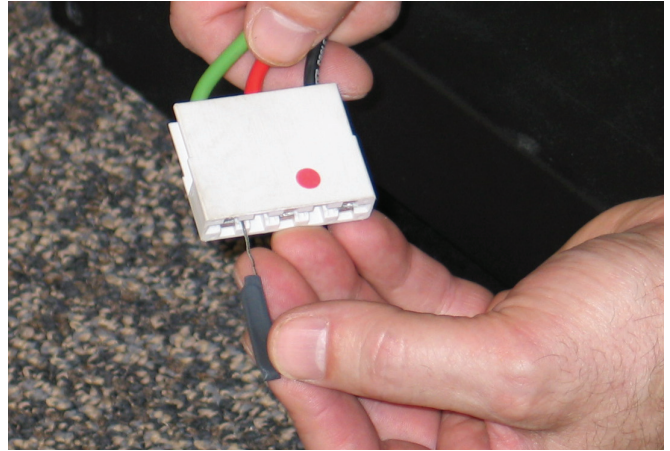


Figure 4

- Lay the frame on its left side. Using the flat screwdriver, remove the stat wire clip releasing the wire from the frame. See diag. This will allow the edge of the stat panel with the wire connections to be closest to the floor.



Figure 5

- Place a knee in the center of the panel back. From the front, use your hand to apply downward pressure on the stat about 6 inches above your knee. Continue to apply pressure until the stat pops out of the back of the frame.

Your hand may need to be shifted to different locations to achieve this. SEE VIDEO. Do not attempt to push the panel out the front of the frame. It comes out the back with combined pressure to increase the curvature, thus allowing it to clear the locking channel (figure 6).



Figure 6

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- 7 Run the new stat panel wires through the wooden frame wire channel. Place the edge of the stat into the frame while pulling the wire slack snug to allow the stat panel to fully rest in the channel. Apply even pressure in the middle of the back of the stat panel allowing it to pop into the frame grooves (figure 7).

PLEASE NOTE: The high voltage hook up wires on these CLS panels are now the same as the wires used on the rest of the MartinLogan line. Although the appearance is different, this wire has superior electronic and insulation properties compared to the original wire used. The wires on the new panel differ in color and size from the original panel. The following instructions reflect the proper wire colors on the new panel.

- 8 Braid the wires for neatness (figure 9). Refer to the connector block diagram blow. With the dot up, insert the connector contacts into the white connector block until they lock.

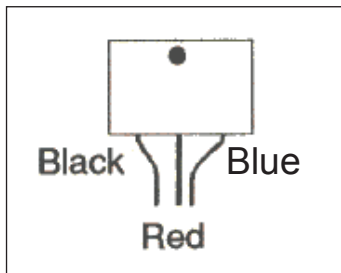


Figure 7

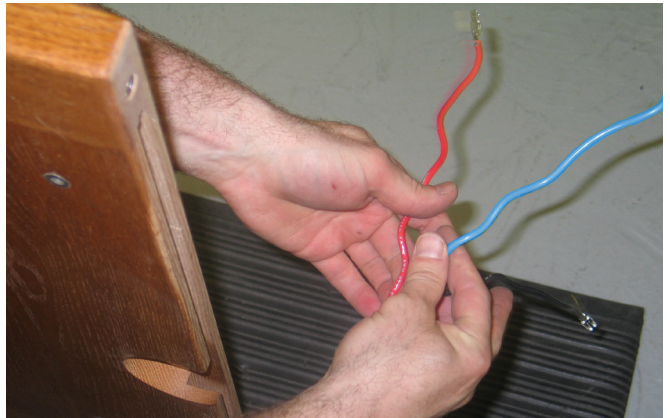


Figure 8

- 9 Attach the edge connector block to the edge of the PC board with in the electronics box (figure 9). Make sure that the dot is upwards. Reconnect the electronics box to the wooden frame. Reconnected your completed CLSs to your amplifier and AC power cord.

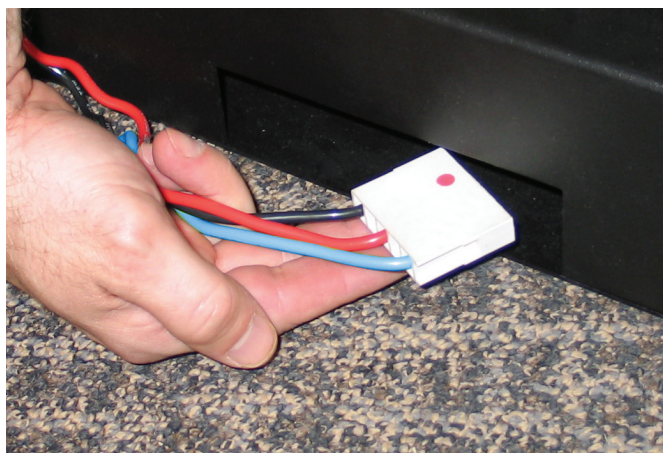


Figure 9

c l s e l e c t r o s t a t i c



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