

**Field Service
TECH TIP
NEWS****RI-0013**

TECH TIP NUMBER

04-27-01

DATE

IM-5006

PRODUCT

DOOR TO MASTER LOW AUDIO

SUBJECT

PURPOSE: In some cases the audio level from the door to master may not be loud enough. This modification will increase the level. Note: Audio level from the door to remote speakers will not be affected by this modification.

TOOLS REQUIRED: Phillips screw driver, needle nose pliers, wire cutters, soldering iron, solder.

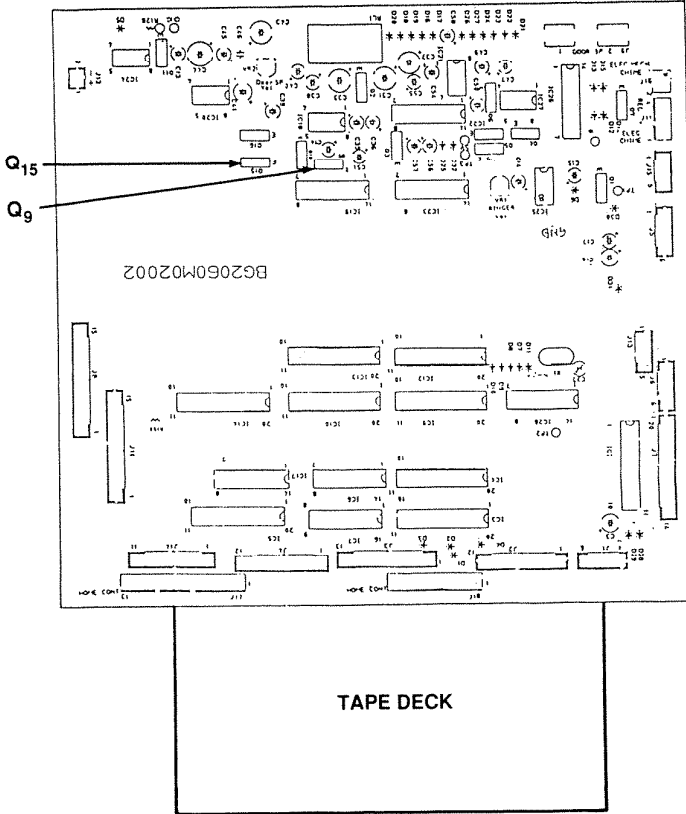
COMPONENTS REQUIRED: (1) 150 ohm resistor.

PROCEDURE:

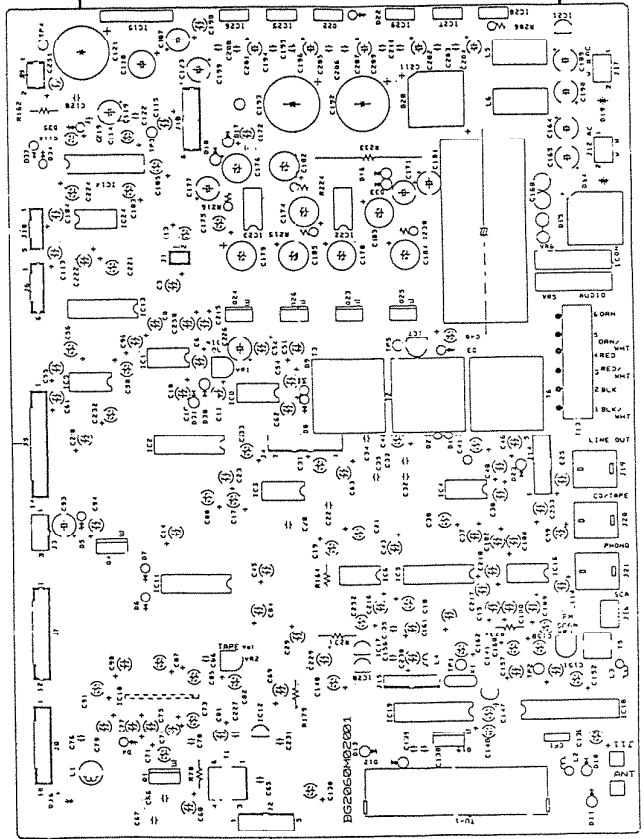
1. Disconnect AC power from system by turning main breaker off or disconnecting AC supply wires from transformers.
2. Locate Q9 on Control PC Board. See Figure 1 and 2.
3. Solder a jumper across Pins 2, 3 of Q9. See Figure 3. Make sure jumper does not come in contact with any other components or PC traces.
4. Locate Q15 on Control PC Board. See Figure 1.
5. Q15 should be in the position illustrated in Figure 4. Bend the top over so it lays parallel to the PC Board. See Figure 5.
6. Desolder and pull from mounting hole the center lead of Q15. See Figure 6.
7. Cut the lead on a 150 ohm resistor as illustrated in Figure 7.
8. Solder the 150 ohm resistor into center mounting hole and center lead of Q15 as shown in Figure 8.
9. After modification has been completed, check modification for solder bridges and shorts.
10. Apply power to system and check door operation to master and remote stations.

1

CONTROL PC BOARD

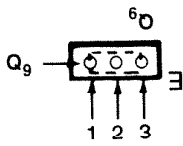


HEAT SINK

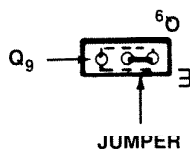


MAIN PC BOARD

2



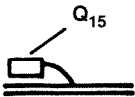
3



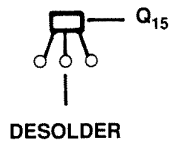
4



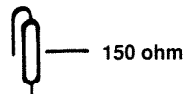
5



6



7



8

