

Model H-300,
In-built Rhythm

**SUBJECT: FIELD CORRECTION OF COW BELL CYPHER IN FR2S RHYTHM
UNIT IN H-300 CONSOLES**

This effect can be corrected as follows without an oscilloscope by slightly adjusting one or two potentiometers in the rhythm unit:

1. Remove console top assembly (including music rack, rhythm unit, and light assembly) from console by removing two (2) Hex screws, disconnecting ground wire, and disconnecting light plug and rhythm plug.
2. Lay top assembly upside down and remove four (4) Phillips head screws from underside of light rail.
3. Slip off the black light housing.
4. Pull off the two rhythm knobs.
5. Remove seven (7) Hex head screws (only three (3) on later models) from the surface below the row of lamps.
6. Remove four (4) Hex head screws securing rhythm unit to underside of top cover.
7. Lift out rhythm unit and remove cover.
8. Reconnect rhythm unit to console (insert rhythm plug and connect ground wire).
9. Depress the Cha-Cha rhythm button.
10. Slightly adjust potentiometer VR8 adjacent to inductor L5 and/or potentiometer VR9 adjacent to inductor L7 on the instrument generator board (see Fig. 2 of Auto Rhythm Manual) to eliminate the sustained whistle, being careful not to make too great an adjustment such that the cow bell sound is inaudible.
11. Replace cover and reinstall the rhythm unit into the console top and reconnect to the console.