

# Technical Bulletin

HAMMOND ORGAN

"music's most glorious voice"

April 15, 1966

TO ALL MAINTENANCE ENGINEERS - CHANGES

NO. MODELS

34 K-100

SUBJECT: Leakage of Banjo Triggering Pulses into Pedal Circuit.

The elimination of Banjo Triggering Pulses leaking into the Pedal Circuit can be accomplished as follows;

Referring to Figure 28 (Wiring Diagram) of the Service Manual, remove the 16' and 8' pedal signal leads from the harness. These wires are marked BRN-C and RED-D and they run from the pedal generator board (near the center of the page) to the pedal control tablets (located on the second panel from the right at the top of the page).

To make this change in an existing instrument, merely clip the existing wire off at both ends and run new wires, using as direct a path as possible.

NOTE: In Figure 28 the black and red wires are shown in a reversed order on the pedal generator board. This is an error.

The above change is being incorporated into our present production as are the following changes; which are intended to reduce general background noises in the K-100. It is suggested, you make these changes when making the above change.

1. Twist the Pilot Lamp leads together (for their entire length).
2. Twist the Power Switch leads together (for their entire length).
3. Change the C-710 from .1 to .02 mf.
4. Change C-707 from .02 to .0047 mf.
5. Add R-743 (2200 ohms) from ground to the 6.3V center tap.

BANJO RATE: In order to insure a consistent range in the "Banjo Rate"; Resistor R-441, formerly 680K is now individually matched to LDR-401 at the factory. Therefore, all replacement LDR's ordered from the factory will be accompanied by a matched resistor. Consequently, when replacing the LDR, the existing R-441 should be replaced with the matched resistor accompanying LDR. See Figure 5 of Service Manual for physical location of R-441.

NOTE: This bulletin is a confidential letter to the Hammond dealer organization and is not for general distribution.  
HAMMOND ORGAN COMPANY, 4200 W. DIVERSEY AVE., CHICAGO, ILL., 60639