

# Technical Bulletin

HAMMOND ORGAN

"music's most glorious voice"

May 5, 1966

TO ALL MAINTENANCE ENGINEERS - CHANGES

NO. MODELS

SUBJECT: H-100 PERCUSSION CIRCUIT

35 H-100

The following changes are recommended to correct the percussion and reiteration thump on the H-100. To give the serviceman some flexibility in making the change we have listed two alternates. Alternate "A" change provides correction without requiring that the serviceman remove the AO-72 amplifier chassis. Alternate "B" change, which is identical to the change to be made in production, requires removing the amplifier chassis. It should be made clear that only one of the alternate methods should be implemented.

## ALTERNATE A

1. Insert a .001 mfd. capacitor in series with the output lead of the percussion amplifier. This is the shielded lead which connects from plug P103 on the chassis to R1025 on the ADD VIBRATO switch on the control panel. This change can readily be made in the vicinity of the switch.
2. Add a .002 mfd. capacitor from the wiper arm of potentiometer R210 to ground. This capacitor can be added in the vicinity of the pot which is on the control panel.

## ALTERNATE B

1. Replace C118 (.047 mfd.) with a .0015 mfd. capacitor.
2. Replace C114 (.0039 mfd.) with a .0056 mfd. capacitor.

NOTE: The balancing procedure outlined in Technical Bulletin #31 should still be carefully observed in order to produce optimum results.

DV/rmk

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