

LECTRO TONE CORPORATION  
814-A Colorado Avenue  
Santa Monica, CA 90404  
213) 829-4150

MODEL PER-200

PERCUSSION UNIT INSTALLATION INSTRUCTIONS

AMMOND CONSOLE MODELS

Lift upper manual of Organ and remove left cheek block and install switch assembly with block provided, using screws which held original block. If Percussion was ordered less cheek block, use original block and template provided with instructions to cut out block to mount switches.

After switch is installed run wires from switch assembly into back compartment of Organ.

AMMOND SPINET MODELS

Remove lower cheek block on left side and install switch assembly with block provided, using screws which held original block. If Percussion was ordered less cheek block, use template provided with instructions to cut out block to mount switches.

After switch is installed run wires from switch assembly into back compartment, run lead with plug over generator shelf and into lower compartment of Organ.

CONNECT WIRES FROM PERCUSSION SWITCH ASSEMBLY AS FOLLOWS:

Install to upper manual drawbars on all models. Use second set of drawbars.

1. Remove yellow wire from 4' drawbar and connect to yellow wire of Percussion switch assembly; use wire nut. Solder gray wire of Percussion switch assembly to 4' drawbar.
2. Remove green wire from 2-2/3' drawbar and connect to green wire of Percussion switch assembly; use wire nut. Solder brown wire of Percussion switch assembly to 2-2/3' drawbar.
3. Remove white wire from 1' drawbar and connect to white wire of Percussion switch assembly; use wire nut. Solder blue wire of Percussion switch assembly to 1' drawbar.

NOTE\* Last black drawbar can be used in place of 1' drawbar if operation of 1' drawbar is desired to be used in conjunction with Percussion.

4. M2, C2, B2, RT2 MODELS HAVING SPLIT VIBRATO

Spinet Models Mount Percussion amplifier in lower compartment.

Console Models Mount Percussion amplifier on generator shelf.

Plug cable from Percussion switch assembly into socket on Percussion amplifier. Connect AC cord from Percussion amplifier to 117 volt terminals of Organ preamplifier/amplifier. Use terminals that are switched ON/OFF by Organ switch.

CONNECT SHIELDED WIRES FROM PERCUSSION SWITCH ASSEMBLY AS FOLLOWS:

Connect red marked shielded wire to Vibrato input terminal of Organ preamplifier/amplifier. Connect shield to preamplifier/amplifier chassis ground. Connect unmarked shielded wire to non-Vibrato terminal of Organ preamplifier/amplifier. Connect shield to preamplifier/amplifier chassis ground.



PERCUSSION UNIT INSTALLATION INSTRUCTIONS CONTINUED.      Model PER-200

5. FOR CONSOLE MODELS NOT HAVING SPLIT VIBRATO. (A, B, BC, C, CV, BV, RT, RT2). <sup>al</sup> 8

Mount Percussion amplifier on generator shelf. Plug cable from Percussion switch assembly into socket of Percussion amplifier. Connect AC cord from power transformer to 117 volt terminals of Organ amplifier. Use terminals that are switched ON/OFF by Organ switch.

Run shielded wires from Percussion switch assembly into Swell Rheostat box. These wires can be run through top of box by removing extra knock-out plug. Connect both shielded wires to the Organ matching transformer input side of the swell control. Ground shields to Swell Rheostat chassis.

6. MODEL M HAMMOND AND M-1

Mount Percussion amplifier in lower compartment.

Connect shielded wires from Percussion switch assembly as follows:

Connect red marked and unmarked shielded wires to manual amplifier drawbar transformer terminal input of Organ amplifier. (Green shielded wire of organ connects to this terminal). Connect shields to Organ amplifier chassis ground.

A black ground wire is provided on the Percussion amplifier to eliminate hum or hash, if necessary.

On Console models this can be connected to O' drawbar preset panel or to manual chassis ground, or in some cases the preamp ground....or not connected at all. This seems to vary from Organ to Organ.

Repositioning of Percussion amplifier may be necessary to eliminate hum.

Models M follow same instructions except for o' drawbar panel.

NOTE:

In some of the older model Hammond organs the factory did not key all the way up the manual. If you do not get decay in the upper octaves, MOVE the percussion keying wires (white and blue) down until a drawbar is found which is keyed. This should correct the problem of no decay in upper octaves.

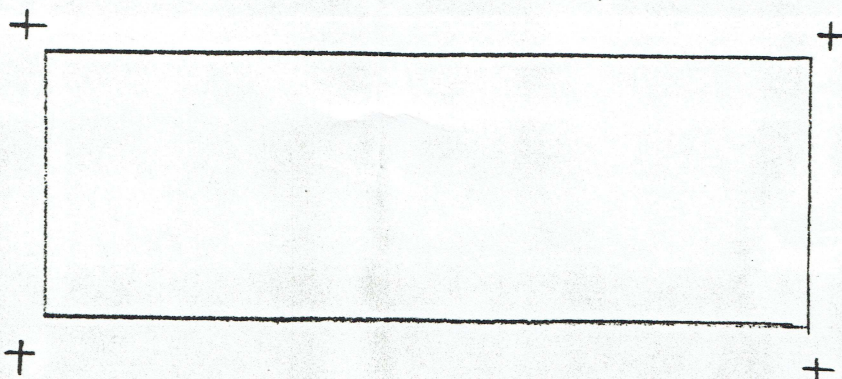
PERCUSSION ADJUSTMENT

Set Percussion switches to Percussion ON - Normal Volume - Slow Decay - and Harmonic - Vibrato OFF.

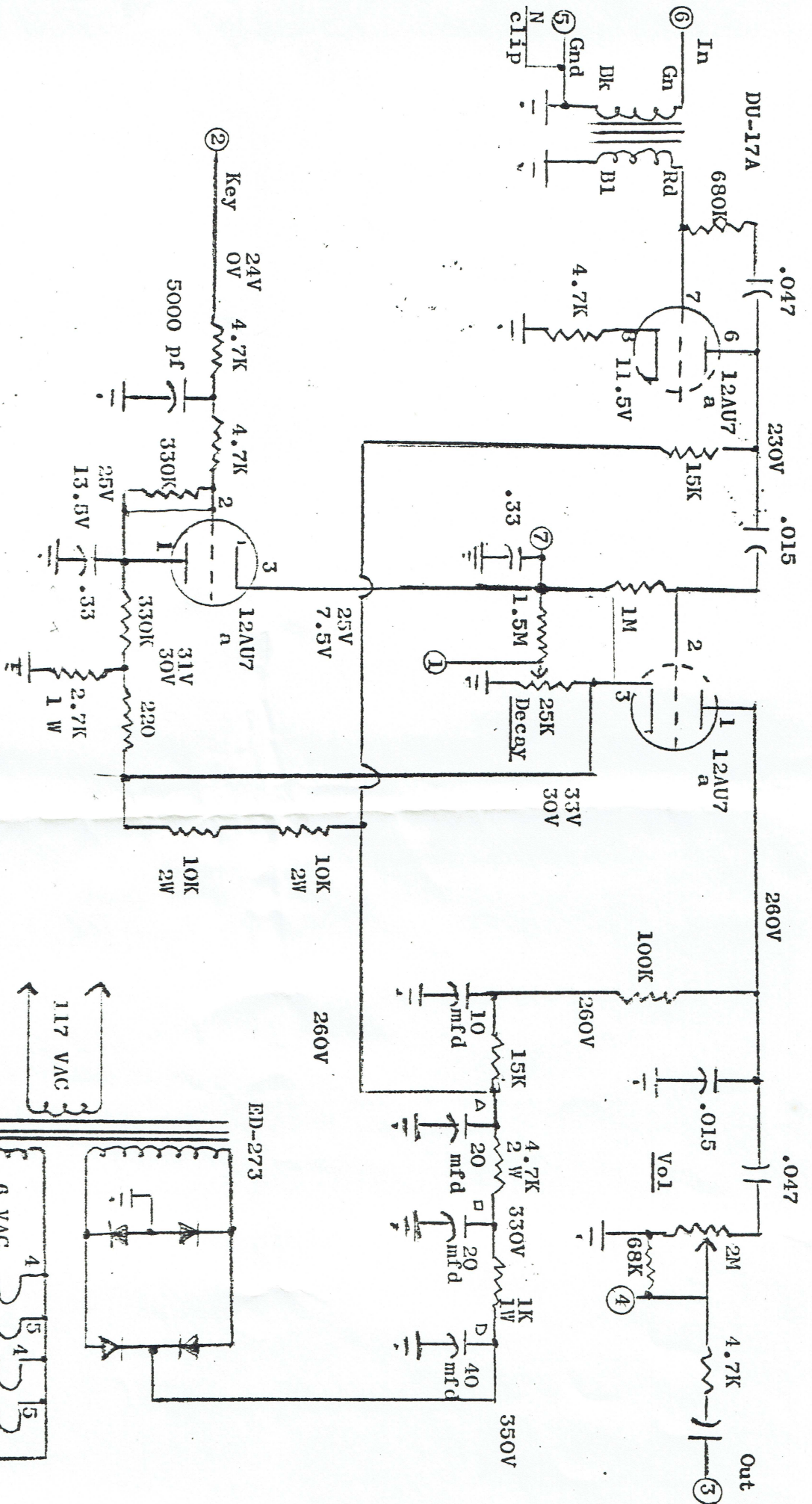
To set volume of Percussion amplifier turn Decay control fully clockwise. Adjust volume to equal the volume of a single drawbar pulled out to "8". Use first white drawbar; use "C" chord on upper manual. Volume may be set slightly higher if desired.

On Console models upper manual "B" Preset has to be depressed.

TEMPLATE FOR BLOCK







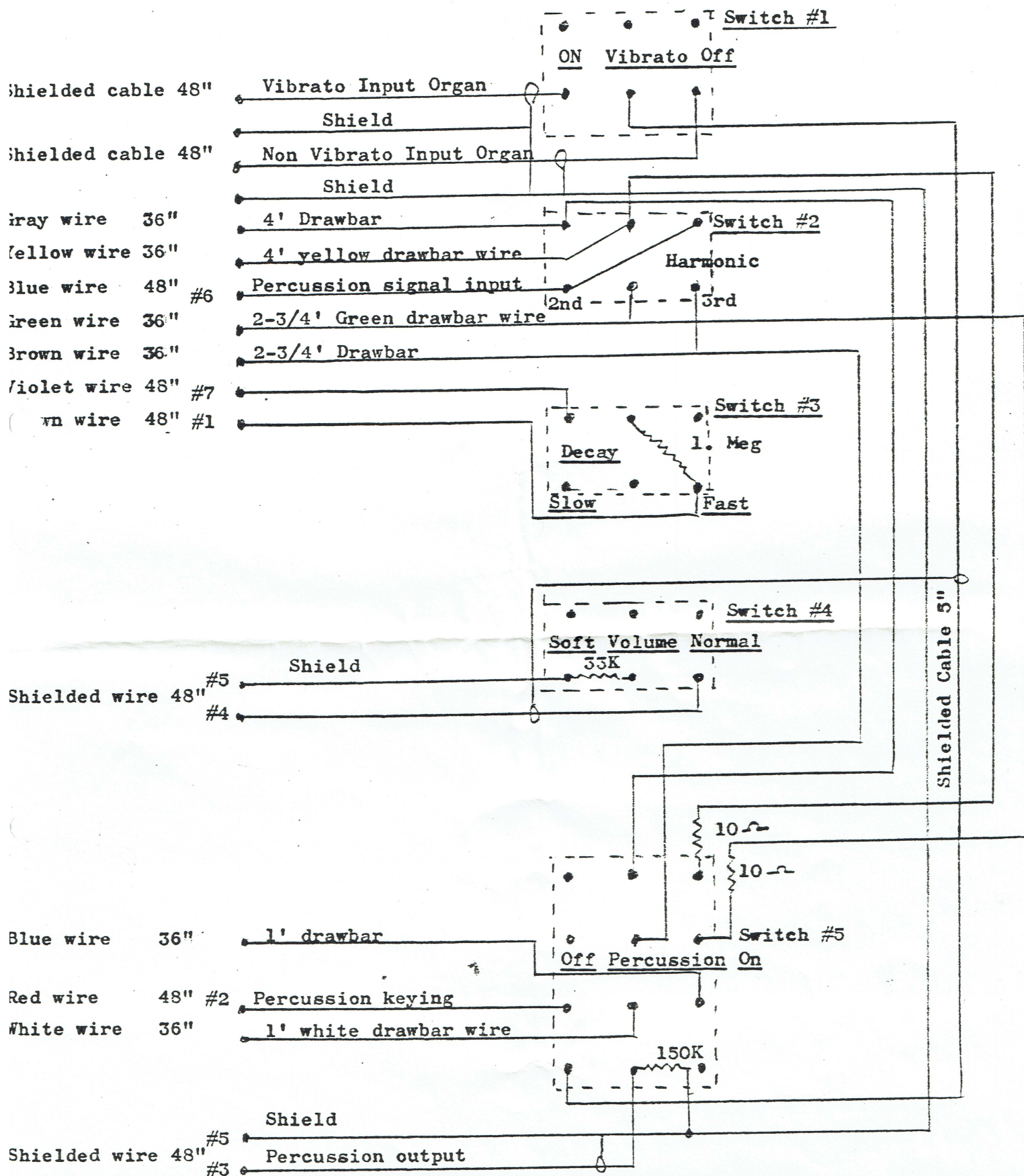
Top voltage with key up  
 Bottom voltage with key down

5-8-72., Revised

PERCUSSION MODEL PER-200  
 Preliminary Copy  
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# PERCUSSION SWITCH ASSEMBLY



BOTTOM SWITCH ASSEMBLY VIEW

MODEL PER-200

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