

# Technical Bulletin

HAMMOND ORGAN

"music's most glorious voice"

TO ALL MAINTENANCE ENGINEERS - CHANGES

NO. MODELS

SUBJECT: KEY STANDARDIZATION - H-100  
IMPROVED AMPLIFIERS - H-100  
INITIAL OILING - H-100

51 H-100

Because of procurement problems it has become necessary to standardize all over-hanging keys so that the key PO-24120 currently used on the L-100, M-100 and E-100 will be incorporated on all H-100 consoles.

We will however, maintain a stock of the Malmine key previously used on the H-100 series, part #PO-28810. We recommend that you also maintain a stock of at least one octave of each of these two types for replacement purposes.

While they appear very similar, the sketch below - Figure 1 - indicates the differences in the physical shape of these two keys. Note the contour difference and the fact that they require different mounting screws.

Figure 2 shows new schematics for the Vibrato and Non-Vibrato boards used in the current H-100 series instruments. The Non-Vibrato board is similar to the board previously used, but does require that the +20 volt supply (orange wire) be attached to the third lug from the top when this board is installed. All other connections remain the same as the previous Non-Vibrato board.

The vibrato drive board - Figure 3 - differs significantly from the board previously used. All connections and terminals, however, are identical.

On October 8, 1964 we issued a technical bulletin #14 which outlined a new type oiling tube and procedures. These instructions are now modified as follows.

Henceforth, we recommend that all organs equipped with self-starting synchronous motors be oiled as soon as they are uncrated. Fill both motor oil cups three (3) times and the generator cups once. Since most new consoles incorporate snap-off backs, this operation is now easily accomplished and should be done as a routine matter.

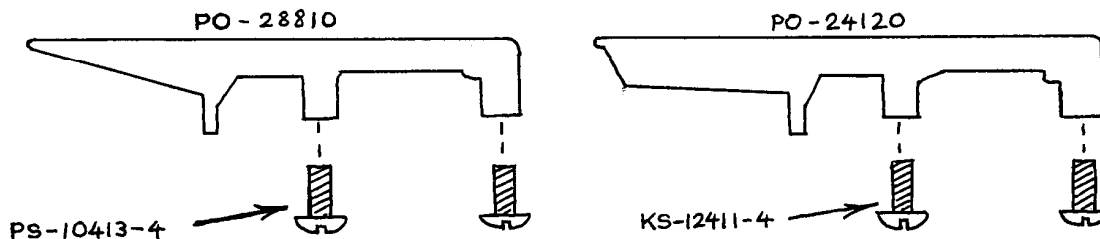


FIGURE #1

NOTE: This bulletin is a confidential letter to the Hammond dealer organization and is not for general distribution.  
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NON-VIBRATO BOARD

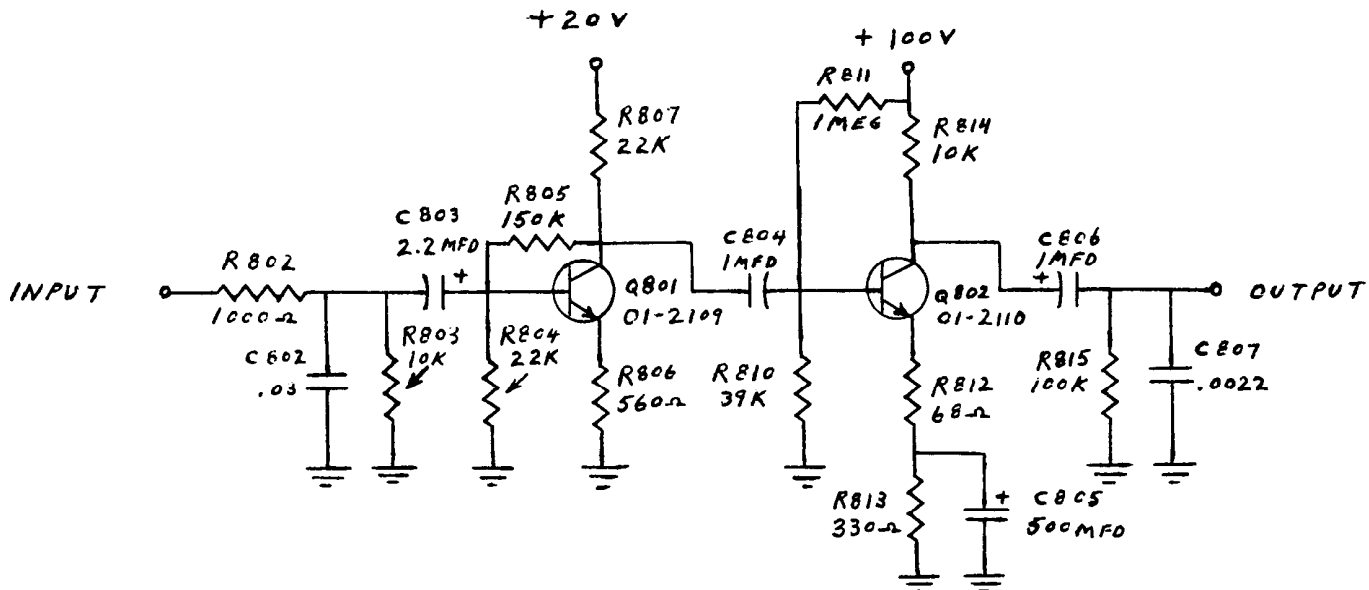


FIGURE #2

VIBRATO DRIVE BOARD

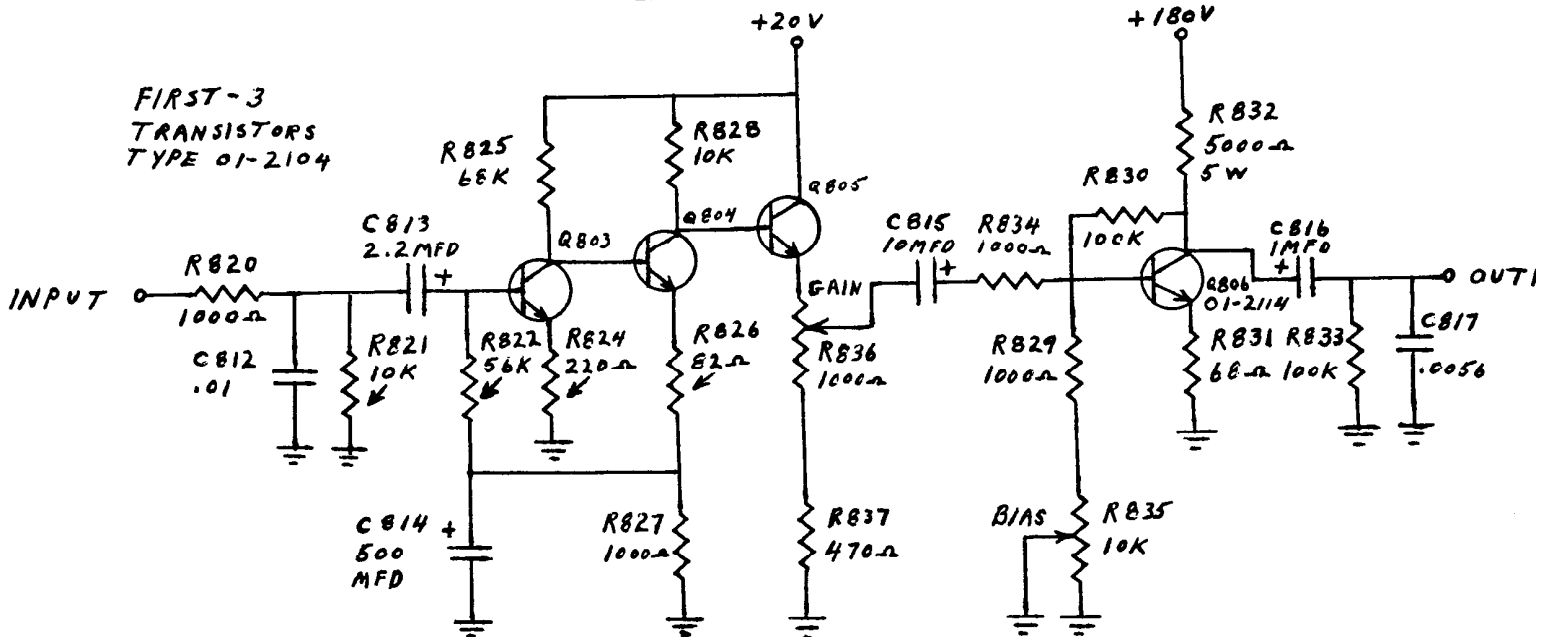


FIGURE #3