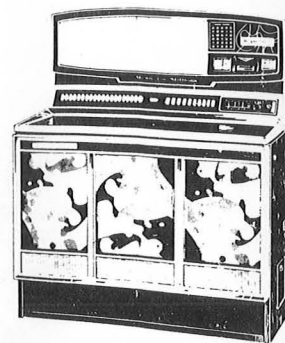


WURLITZER SERVICE SLANT

YOUR QUESTIONS OR COMMENTS ON "SERVICE SLANTS"
ARE WELCOME AT ANY TIME

WURLITZER SERVICE DEPARTMENT • NORTH TONAWANDA, NEW YORK



SUBJECT:

Model 556 Amplifiers used in all 3700 Series Phonographs and 7500A Cabarets now manufactured will be utilizing a current limiting output protection circuit instead of a power limiting output protection circuit. This change of protection will have no effect on any Model 556 Amplifiers in the field or previously manufactured.

Reason for changing from power limiting to a current limiting system is to preclude the possibility of an audible click or clicks when an amplifier is connected to a CV load greater than the rating or in a region of just overloading the amplifier.

The new current limiting system provides the same overload protection as power limiting protection but will not produce audio clicks in the output when approaching overload conditions. To accomplish the new current limiting system a component change was made on the PA Board. The amplifier also has two new added 1.25 Amp. Slo Blo Fuses. These fuses were added to provide protection, for the current limiting system. However, these fuses will blow or open up when the CV or low impedance output of the amplifier is subjected to a short or heavy overload (above the rating of the amplifier).

The Model 556 Amplifier which is utilizing the new current limiting protection system can be visually identified several ways.

1. A letter and number S-1 will be stamped on the top side of the amplifier chassis pan (see Figure 1).

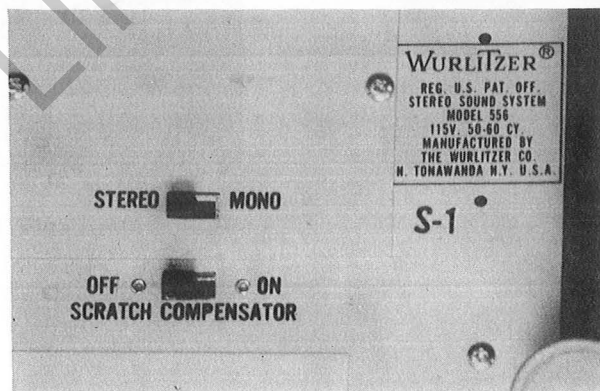
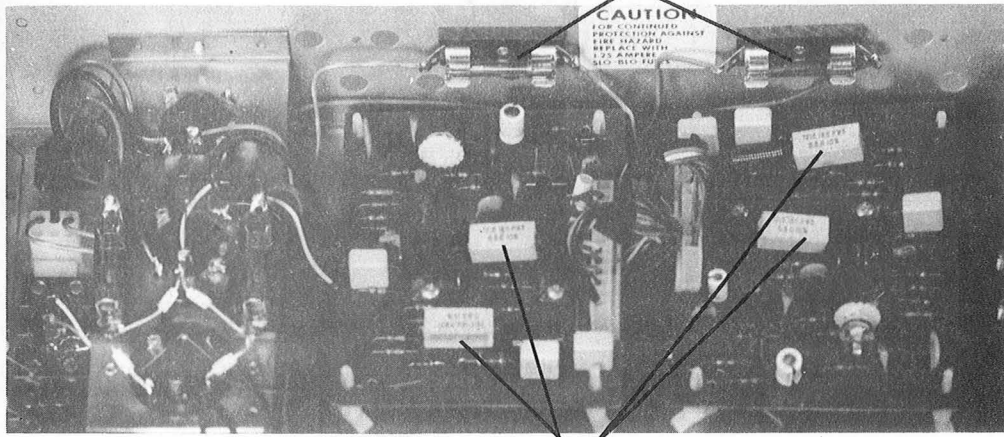


Figure 1.

2. The addition of the two 1.25 Amp. Slo Blo Fuses (see Figure 2).
3. The higher wattage resistors used on the PA Board, Part No. 142315, (see Figures 2 and 3).

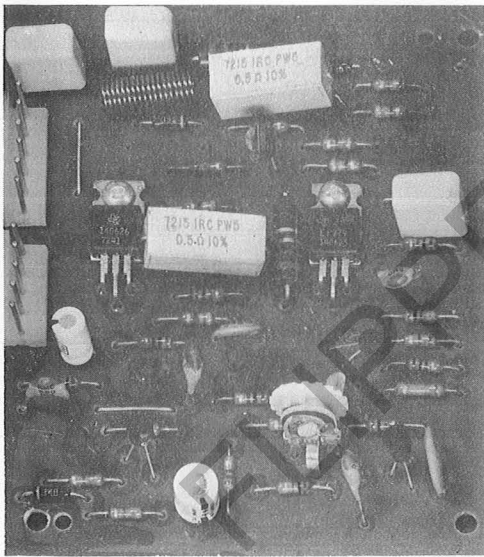
The two PA Boards, Part No. 142315, used in the current limiting system on the Model 556-S-1 Amplifier can not be interchanged with PA Boards of the earlier Model 556 Amplifier.

1.25 AMP.
SLO-BLO

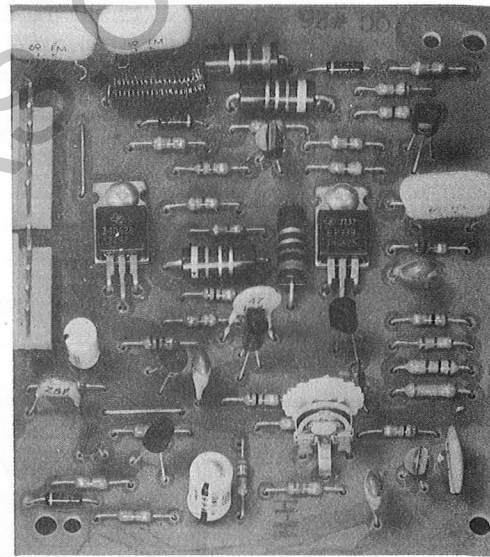


HIGHER WATTAGE RESISTORS

Figure 2.



142315
Not Interchangeable
Model 556-S-1 only



140617 (old)
Interchangeable
Model 556 or 556-S-1

Figure 3.

The PA Boards, Part No. 140617, in the earlier 556 Amplifier can be used in the Model 556-S-1 Amplifier. If earlier PA Boards, Part No. 140617, are utilized in the 556-S-1 Amplifier, the amplifier will then be changed back to a power limited output protection system.

NEW PARTS

Part No. 142315 PA Board

Part No. 71591-13 1.25 Amp. Slo Blo Fuse