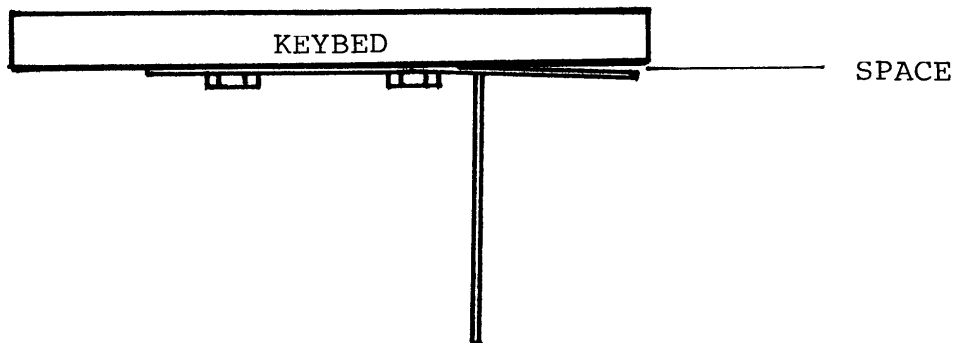


<p><b>Pianocorder™</b> Reproducing System</p> <p><b>SERVICE BULLETIN</b></p>	model number P-100M                      P-100	bulletin number  00010
	for serial numbers	
	subject BENT KEY SOLENOID RAIL "T" BRACKETS	
	technical services approval <i>J. R. Thomas</i>	writer <i>J. R. Thomas</i>
engineering approval <i>J. R. Thomas</i>	date 2/28/79	

IT HAS BEEN DISCOVERED THAT DURING THE SHIPPING OF SOME MARANTZ PIANOS, MODEL P-100M, THE KEY SOLENOID RAIL "T" BRACKETS MAY BENT SLIGHTLY CREATING LOST MOTION BETWEEN THE TIPS OF THE KEY SOLENOID PLUNGERS AND THE BOTTOMS OF THE KEYS. MARANTZ PIANO CO. HAS SOLVED THIS PROBLEM BY INSTALLING EXTRA SCREWS IN THE BRACKETS WHICH PREVENT THEM FROM BENDING.

IF YOU DISCOVER LOST MOTION BETWEEN THE PLUNGER TIPS AND THE BOTTOMS OF THE KEYS WHEN DOING YOUR NORMAL DEALER PREPARATION OF A MARANTZ PIANO, CHECK FIRST IF THE KEY SOLENOID RAIL "T" BRACKETS ARE BENT. LOOK TO SEE IF THERE IS ANY SPACE BETWEEN THE BACK OF THE BRACKETS AND THE BOTTOM OF THE KEYBED.



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IF YOU DISCOVER THAT THE BRACKET IS BENT, INSTALL 2 SCREWS IN THE REAR SLOTS OF THE BRACKET. BY TIGHTENING THESE SCREWS THE REAR OF THE BRACKET WILL BE BROUGHT UP TIGHT AGAINST THE KEYBED, THUS ELIMINATING THE LOST MOTION BETWEEN THE SOLENOID PLUNGER TIPS AND THE BOTTOMS OF THE KEYS.

WHEN A P-100 IS INSTALLED IN A VERTICAL PIANO, IT IS ADVISABLE TO INSTALL TWO SCREWS IN THE REAR OF EACH KEY SOLENOID RAIL "T" BRACKET WHICH WILL PREVENT BENDING OF THE BRACKET DURING SHIPMENT OF THE PIANO.