

<p><i>Pianocorder</i>TM Reproducing System</p> <p>SERVICE BULLETIN</p>	model number ALL	bulletin number 00023
	for serial numbers ALL	
	subject PEDAL SOLENOID LUBRICATION	
	technical services approval <i>David Kimberlin</i>	writer
	engineering approval <i>Don Seuley</i>	date 12/10/81

All MARANTZ pianos are being shipped using a new lubricant in the pedal solenoids. This lubricant is specially designed to withstand very high temperatures without flowing and yet is light enough to allow the solenoid to work effectively at cooler temperatures. While not mandatory we strongly advise use of this material in PIANOCORDER units being installed in the field and units receiving routine service. TO USE: The pedal solenoid should be disassembled and a light coat of the lubricant is applied by hand to the shaft area and to the inside of the dashpot housing. Then, during solenoid re-assembly, the bottom of the dashpot cylinder is filled with lubricant to a depth of 1/4" prior to the installation of the "piston" and "O" ring into the dashpot cylinder. This lubricant prevents foreign material from becoming lodged in the solenoid bushing and insures free operation even in conditions of slight side-loading. NOTE: This lubrication should only be done to a pedal solenoid which is installed vertically with the dashpot assembly on the top.

Lubricant cartridges (part No. LU-100) may be ordered from the PIANOCORDER Parts Department, MARANTZ Piano Company, P. O. Box 460, Morganton, NC 28655, 1-800-438-7023. The lubricant is packaged in a 14½ ounce cartridge which can be cut and recapped as the level of material becomes lower.

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