QRS PLAYER PIANO PUMP #56011

INSTALLATION INSTRUCTIONS

This pump is capable of playing pianos that have a moderate amount of leakage. An easy determination of leakage is to place your hand over the two small exhaust holes on the backside of the pump while the piano is playing. Ideally, the exhaust air should be hardly noticeable.

These instructions will be described in general terms, as there is always a fair amount of improvising involved when dealing with old players. In most installations, the following will apply:

- The vacuum supply flange is generally attached to one of the reservoir bellows. In case you don’t know which is which, the feeder bellows are attached to the pump pedals and generate vacuum. The reservoir bellows are usually beside the feeders or across the top of the feeders and store the generated vacuum. You will want to mount this flange on the same side the pump box will be on, which in most cases will be the right side. With a 1 inch drill bit, make the hole and attach the flange. The power cord can exit the piano through a hole drilled either in the soundboard or bottom board, and may be secured with two cable clamps. The pump box has a peel-and-stick foam pad for easy placement.

- The on/off volume switch is generally attached underneath the keybed, on the right side within easy reach, and the cable secured with 2 cable clamps.

- The pallet valve, is used to reduce vacuum output during rewind so the roll motor won’t run too fast and damage the roll. It is typically underneath the keybed, over the bellows, with the string tied to the play-rewind linkage and the tube connected to the cutout block on top of the pump. When the piano is shifted into rewind the pallet valve should be pulled open just enough to leak air to the cutout block. There is a screw adjustment on the pallet valve to increase or decrease the vacuum output. Turn the screw clockwise to increase and counterclockwise to decrease the vacuum output.

For technical assistance ask for John Meadows 1-800-247-6557