

TUBE EFFECTS LOOP

INSTALLATION

1. UNPLUG THE ORGAN.
2. Remove the organ back.
3. Mount the Effects Loop Chassis in a location where the interceptor cable can reach the tube socket on the preamp. Usually this will be to the left of the preamp chassis, if a connector kit chassis is mounted here, you should relocate it so both chassis can be mounted in this area.
4. Remove the 12BH7 (B3 / C3 / RT3 / A100 / D100) or 6SN7 (B2 / C2 / RT2) tube from the preamp. (See Figs. 3 & 4.)
5. Plug in the interceptor into the socket formerly occupied by the tube removed in step 4.
6. Plug the tube removed in step 4 into the top of the interceptor.
7. Remove one of the screws from the terminal cover plate ("D" in Fig. 3) and then reinstall it with the ground pigtail under the screw.
8. A notch or hole will be required to route the "Send" and "Return" cables from the Effects Loop Chassis to the outside world.
9. Reinstall the back, being careful not to pinch the cables.
10. Plug the organ's power cord back in and start it, checking for proper operation as outlined in "HOW IT WORKS" below.

HOW IT WORKS

Connect the "Send" cable to your effects unit input jack, and the "Return" cable to the effects unit output jack. Now adjust the controls of your effects unit as you normally would. Keep in mind, the entire signal passes through your effects unit, so you will want to mix the "dry" and "wet" signals using the units mix knob, if so equipped.

VARIATIONS

This unit has been set at the factory to be balanced for most effects units, however if you should encounter distortion or a low signal level, you should follow these steps to calibrate the Effects Loop to your chosen outboard equipment.

With no vibrato, the Swell at full volume, Leslie set to a low volume (so we can be sure it is not distorting), and all 9 drawbars pulled out, play Middle C-E-G and a Low C bass note. If there is distortion present, adjust the blue trim pot with the black dot, lowering its level until the distortion disappears.

Now, adjust the unmarked trim pot to bring the volume back up to its normal level (remember you have the Leslie turned down).

When you have achieved distortion free audio, you may return the Leslie volume to it's previous setting.

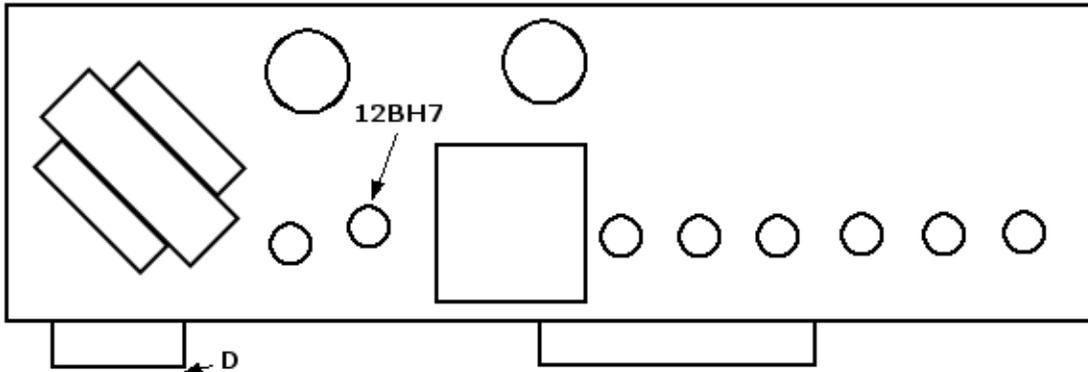


FIG 3 - Top Down view of B3 / C3 / RT3 / A100* / D100* Preamp
 * A100 and D100 preamp is mounted upside down, turn this sheet upside down for proper orientation

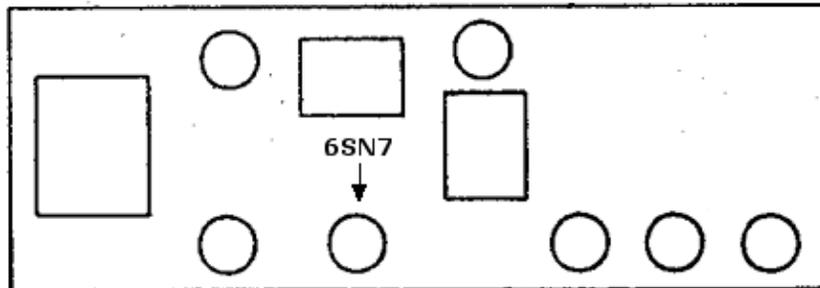


FIG 4 - Top Down view of B2 / C2 / RT2 Preamp