

evolving where the small enamel wires leave the braid and converge to the end connector. You can reduce the risk of a short by completely coating that area with silicon bathtub sealer (see *Fig.2*). A good application of this seems to cut down the scuffing and flexing of the intertwined conductors.

III. Finally, the Hafler 101 preamp will

prove to be an audio amateur's delight (like the PAS-3X, the PAT-4 etc.). However, it has an audible 120Hz buzz when used with lower output cartridges such as the Satin. This buzz, caused by an internal ground loop, can be cured by a few inches of extra wire and a ground lug (*Fig.3.*).

Other Hafler tips:

a. Having the tone controls switched

“out” noticeably rounds off a 10kHz square wave which indicates a supersonic rolloff and possible reduction in slewing capabilities of the high level section. (I haven't decided if I can hear a difference).

b. By all means, use an oscilloscope and a square wave generator to “zero” the tone controls.

c. If the pilot light does not go out completely when the unit is turned off, the disc capacitor across the switch is leaking. If this bothers you, replace the disc with a high quality unit.

JOHN T. PHILPOT

South Holland, IL 60473

FIG. 3

INSIDE BACK PANEL VIEW

