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Sienna Construction Note
6/26/10

Headphone RF pickup

Problem: When using the 100W amp, RF pickup in the headphones causes a loud buzz.

Solution: Add a .01uF to 0.1 uF disk ceramic capacitor across resistors R34 and R117. These SMT resistors are located very close to the 3-pin header for the headphone cable and also to the 2-pin header for the right speaker. Use care to avoid melting these connectors. Unplug the mating connectors to make room. Tack one side of the capacitor to one side of a resistor, and then do the other side. If you happen to drop a capacitor such that it falls to the bottom of the rig, remove the bottom cover plate and tip the rig such that the capacitor falls out of the opening on the bottom.

Note: If you would rather not see the mod, remove the receiver board, turn it over, and solder the capacitors from pin 1 to 2 and from pin 3 to 2 on J6, the headphone connector. (Pin 2 is the center pin, and is grounded.)