

# SONY TUNER REPAIR

SUBJECT: COMMON FAILURE OF SONY TUNER # 1-465-371-11/ -12

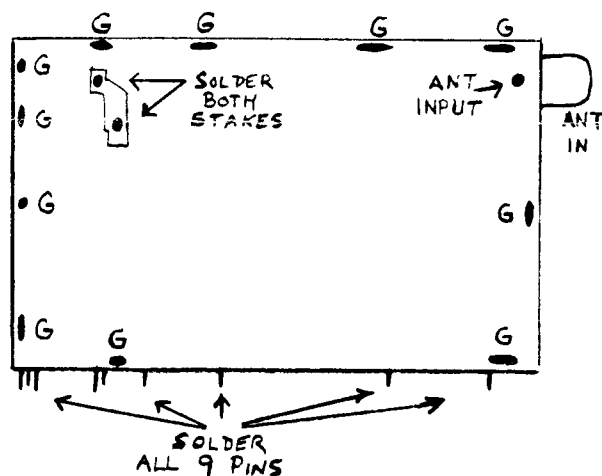
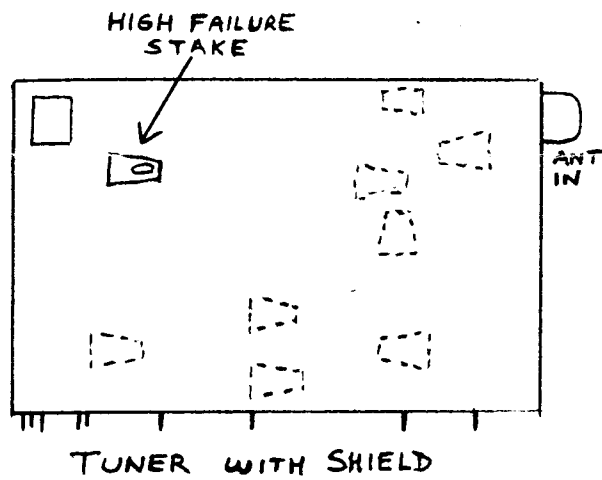
SYMPTOM: No/ intermittent stations.

CURE: The main cause for the high failure rate on these tuners is poor connections at the ground stakes on the circuit board. One stake in particular seems to be the culprit. Refer to the diagram below for the location.

Remove the tuner from the set. Remove the shield off the printed circuit side of the tuner. Take notice of the 9 tabs and the square hole on this shield. These tabs make contact with the ground stakes on the circuit board when it is snapped in place. The stake that causes the problems is the one under the tab nearest the square hole on the shield!!

Using a low wattage pencil iron, solder this stake and also the one just above it on the same trace. Now before you throw the shield back on & "write it up", it is good practice to touch up some other possible "trouble" spots. First resolder all 9 pins of the tuner. next solder the antenna input pin. Now resolder the "grounds" along the outer edge of this board. Caution: Be very careful not to use excessive solder or heat to avoid bridging or damaging components!

This completes the repair. Check over your work, replace the shield, install the tuner and check performance.



G = GROUND CONNECTION