

**TS530 & 830  
NO SCREEN GRID (SG)  
VOLTAGE**

NO Screen Grid  
SG

Make sure:  
SG Switch = ON  
HV Switch = ON  
HEATER Switch = ON

Mandatory Reading:  
TS-830 Survival Guide, edited by  
DL9AI  
[www.wb4hfn.com/kenwood/articles](http://www.wb4hfn.com/kenwood/articles)

HV  
Aprox. 900 volts  
in tune?

NO  
HV

Filament glow in  
final tubes?

Screen Grid (SG)  
voltage should be  
aprox. 250volts.

SG  
Voltage  
OK?

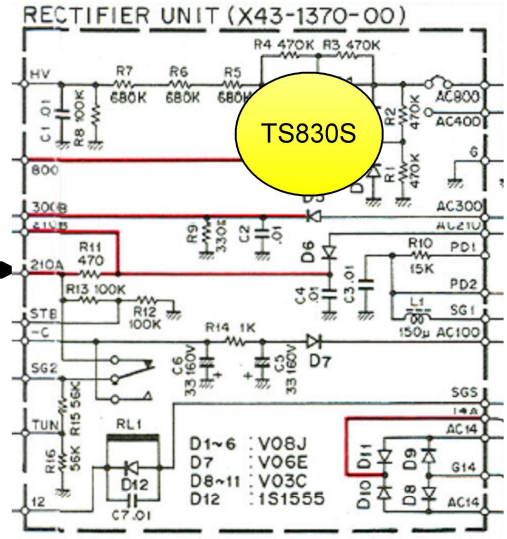
POWER OFF  
\*\*\_\*\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*\_\*  
Check D6, R11,  
R12, R13  
resistance.

**CAUTION !!!  
HIGH  
VOLTAGE...**

Resistance OK?

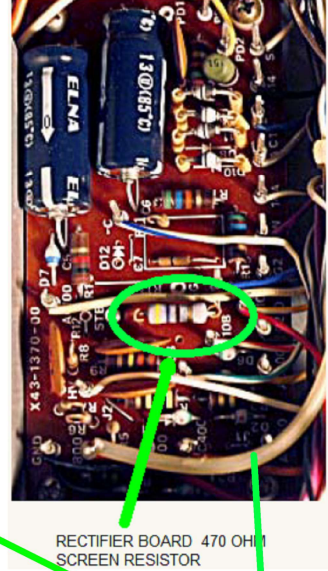
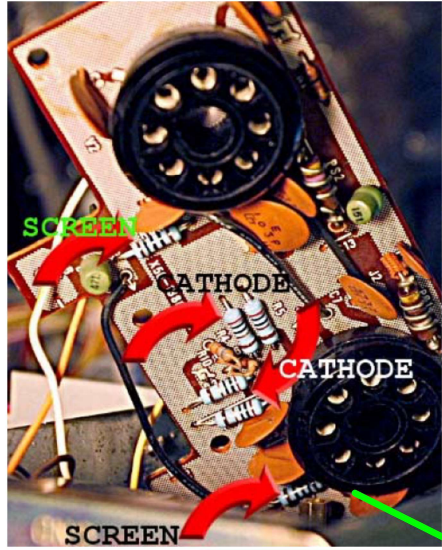
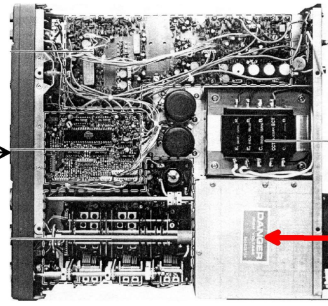
REPLACE BAD  
PARTS

TS530 & 830,  
Check Rectifier  
Board RL1 relay  
contacts.



K9TW - DRIVER STAGE  
TESTING DOCUMENT.  
[www.k9tw.com/how-to-guides](http://www.k9tw.com/how-to-guides)

HAVE FUN



Final Tubes PC Board

Final tubes

Rectifier Board

