



SERVICE BULLETIN

from: TRIO-KENWOOD COMMUNICATIONS, INC.

TS-120S

#832R

SUBJECT: TS-120S FULL CW OUTPUT IN SSB MODE

DATE 12/18/80

Supersedes Service Bulletin of 7/13/80

Leakage or shorting of D2, D3, or D8 on the RF unit X44-1260-01 will provide an unwanted DC voltage path which gives full CW output while in the SSB mode. The Carrier control has no effect, and RX is not affected.

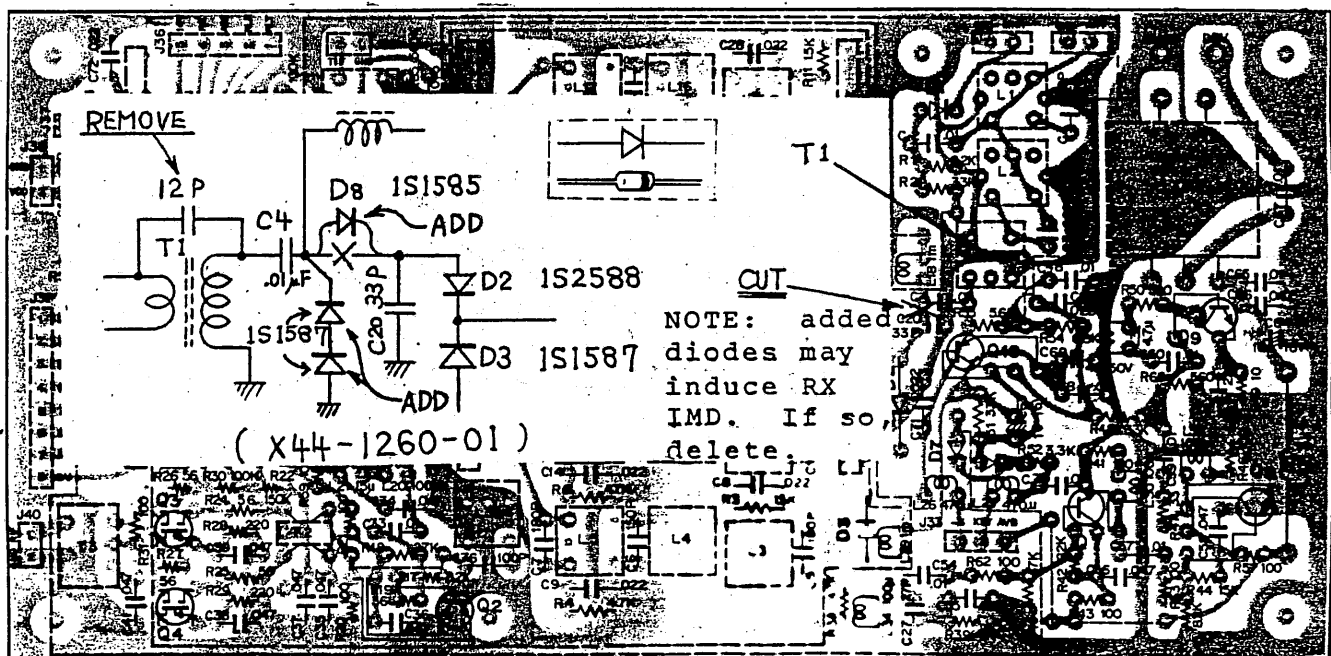
Replace D2 1S2588, D3 1S1587, and D8 1S1585. Install two 1S1587 diodes between C4 and D8, as shown.

Radios before serial 080001 may not have D8. This may be added to the foil side of the board.

To install, swing the IF unit up. Remove the shield from under the IF unit to expose the foil side of the RF unit. Use a razor or X-ACTO knife to carefully cut the land between C4 and C20. Solder D8 across the cut, observing diode polarity. Some units have a 12pf cap soldered on the foil side of this board across T1, and C20 will be missing. Remove the 12pf and install a 33pf in C20's position. Solder the 1S1587's from the junction of C4 and D8 to ground.

Installation time for this procedure is approximately ½ hour.

NOTE: Diode I.D. 1S1585
1S1587 = 1S1585
1S2588 = 1SS91S



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