



SERVICE BULLETIN

from: TRIO-KENWOOD COMMUNICATIONS, INC.

19

SUBJECT: NEW DISPLAY TUBE FOR DG-1

DATE 12-21-77

THE ORIGINAL DISPLAY TUBE (LD-8109) USED IN THE DG-1 DIGITAL DISPLAY FOR THE TS-820 AND TS-820S HAS BEEN DISCONTINUED BY THE MANUFACTURER. HOWEVER, THERE IS A REPLACEMENT TUBE AVAILABLE. THIS TUBE IS THE LD-8135. IT IS NOT A DIRECT REPLACEMENT FOR THE ORIGINAL TUBE. THE LEADS COME OUT OF BOTH ENDS OF THE DISPLAY TUBE INSTEAD OF JUST ONE AS IN THE LD-8109. THEREFORE, IT WILL BE NECESSARY TO REPLACE THE COMPLETE DISPLAY UNIT IF THE DISPLAY TUBE FAILS. THE PART NUMBER OF THE NEW DISPLAY UNIT IS X54-1310-00. PLEASE USE THIS PART NUMBER WHEN ORDERING A REPLACEMENT DISPLAY UNIT. THE NEW DISPLAY UNIT IS BEING INSTALLED IN THE CURRENT PRODUCTION OF THE TS-820S AND DG-1.

THE NEW DISPLAY UNIT (X54-1310-00) IS A LITTLE MORE INVOLVED TO INSTALL THAN THE OLD ONE. THE INSTALLATION IS AS FOLLOWS:

1. REMOVE THE TOP COVER OF THE TS-820 (OR TS-820S) AND SET THE UNIT ON THE BENCH SO THE FRONT PANEL IS FACING YOU.
2. REMOVE THE TWO SCREWS FROM THE ORIGINAL DISPLAY UNIT (SAVE THEM), UNPLUG THE DISPLAY UNIT FROM THE COUNTER ASSEMBLY AND REMOVE THE DISPLAY UNIT FROM THE TRANSCEIVER.
3. RUN THE CONNECTOR OF THE NEW DISPLAY UNIT THROUGH THE LEFT BRACKET (FROM THE CENTER).
4. GENTLY (BUT WITH SOME PRESSURE) PUSH THE RIGHT SIDE OF THE DISPLAY UNIT THROUGH THE RIGHT BRACKET. (THIS IS THE MOST DIFFICULT PART.)
5. GENTLY PUSH THE LEFT SIDE OF THE DISPLAY THROUGH THE LEFT BRACKET.
6. INSTALL THE SCREWS FROM THE OLD DISPLAY IN THE MOUNTING BRACKET OF THE NEW DISPLAY UNIT AND PLUG THE CONNECTOR INTO THE COUNTER ASSEMBLY.
7. TURN ON THE TS-820 (OR TS-820S) AND MAKE SURE THE DISPLAY TUBE WORKS PROPERLY.
8. REPLACE THE TOP COVER OF THE TRANSCEIVER.