



publications engineering

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# SERVICE BULLETIN

COLLINS RADIO COMPANY

Cedar Rapids, Iowa 52406

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REVISION NO 1

## 55G-1 SERVICE BULLETIN NO 1

Attached is revised 55G-1 Service Bulletin No 1, entitled "Increase Current Handling Capability of 115-Volt Input Fuse," originally dated May 23/69.

This revision incorporates new modification procedures for steps 1 and 2.

Replace the original service bulletin with the attached service bulletin.

Black bars in the margins indicate changes.

July 25/69



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## COMMUNICATIONS

55G-1 LOW-FREQUENCY TUNER (522-3982-XXX)

### SERVICE BULLETIN NO 1

#### INCREASE CURRENT HANDLING CAPABILITY OF 115-VOLT INPUT FUSE

The 1/32-ampere fuse used in the 115-volt ac input line (F1) too closely approximates the actual power demand of the 55G-1 causing it to fail under conditions of high input voltage. Increasing the current handling capability of fuse F1 will increase fuse reliability.

This product improvement change is to be performed at the option of the customer.

This change has been incorporated into production units beginning with serial number 471 (MCN 272) and above.

The change covered by this service bulletin will be included in the first revision to the 55G-1 Low-Frequency Tuner Instruction Book, Collins part number 523-0759105.

#### MODIFICATION PROCEDURE

1. Remove and discard 115-volt, 1/32-ampere fuse F1 from fuseholder.
2. Install 250-volt, 1/16-ampere fuse (264-4220-000) in F1 fuseholder.
3. Enter SB 1 on the unit information chart. If a chart is not available, one should be ordered.



PARTS REQUIRED

<u>NEW COLLINS PART NUMBER</u>	<u>QTY</u>	<u>UNIT PRICE</u>	<u>DESCRIPTION</u>
264-4220-000	1	\$0.26	Fuse, cartridge, 250 volts, 1/16 ampere (slow blow).
280-3778-010	1	0.05	Information chart

The above items may be obtained from Collins Radio Company, Service Parts Department, Cedar Rapids, Iowa 52406. The prices listed above are subject to change without notice. All orders should include the Collins part number and reference 55G-1 Service Bulletin No 1.