

PRODUCTION CHANGE SHEET  
FOR  
RECEIVER MODEL 4ER30B2  
REV. F

Changes listed below are identified by the letter appearing in the REV. pad on the unit chassis.

REV. A

To provide receiver muting from a Model 4ET11A1 transmitter.

<u>Part Changed</u>	<u>Was</u>	<u>Changed To</u>
R422	Added.	Resistor: composition 1 megohm $\pm 10\%$ , 1/2 w. G-E Part No. 3R77-P105K.

Elementary Diagram Changes

The ground side of R386, 470 K was removed from ground and connected to TB4-1.

R422 was connected from B+ to TB4-1.

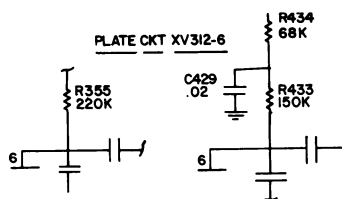
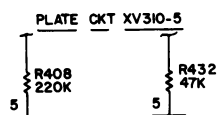
REV. B

To incorporate squelch and audio improvements.

<u>Part Changed</u>	<u>Was</u>	<u>Changed To</u>
R408	Resistor: composition, 0.22 megohms $\pm 10\%$ , 1/2 w., G-E Part No. 3R77-P224K.	Replaced by R432.
R432	Added in place of R408.	Resistor: composition 47,000 ohms $\pm 10\%$ , 1/2 w. G-E Part No. 3R77-P473K.
R355	Resistor: composition 0.22 megohm $\pm 10\%$ , 1/2 w. G-E Part No. 3R77-P224K.	Deleted.
R433	Added.	Resistor: composition, 0.15 megohm $\pm 10\%$ , 1/2 w. G-E Part No. 3R77-P154K.
R434	Added.	Resistor: composition, 68,000 ohms $\pm 10\%$ , 1/2 w. G-E Part No. 3R77-P683K.

REV. B (Cont'd)

<u>Part Changed</u>	<u>Was</u>	<u>Changed To</u>
C429	Added.	Capacitor: ceramic, Hi-K disk; 0.02 mfd +100% -0%, 500 VDCW, G-E Part No. 7774750-P15.

Elementary Diagram ChangesREV. C

To allow mult transformer to tune at band ends.

<u>Part Changed</u>	<u>Was</u>	<u>Changed To</u>
Z307-C2	Capacitor, ceramic disc, insulated, temp. compensating, 18 mmfd $\pm 5\%$ 500 VDCW -80 temp coef. G-E Part No. 7774846-P245.	Capacitor, ceramic disc, insulated, temp compensating, 27 mmf $\pm 5\%$ , 500 VDCW -80 temp coef. G-E Part No. 7774846-P244.

REV. D

To change Receiver Muting to be compatible with Type ET-35-A Transmitter.

<u>Part Changed</u>	<u>Was</u>	<u>Changed To</u>
R422	Resistor; composition, 1.0 megohm $\pm 10\%$ , 1/2 w. G-E Part No. 3R77-P105K.	Deleted.

REV. E

To make 72-76 MC crystals identical to low-band except for frequency calculation formula.

Change

R371, cathode resistor of XV317 deleted and replaced by DA buss wire.

Elementary Diagram Changes

Remove R371 from circuit and replace with DA buss wire.

Alignment Procedure Changes

Alignment Procedure for Models up to REV. D will differ from procedure for Models incorporating REV. E. Refer to Alignment Procedure instructions in appropriate publications.

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REV. F

To include audio frequency tone filter in receiver.

<u>Part Changed</u>	<u>Was</u>	<u>Changed To</u>
C334	Capacitor, silver mica: 1000 pf, $\pm 10\%$ , 500 VDCW. G-E Part No. 7147203-P108	Deleted.
C336	Capacitor, ceramic; 0.01 mfd, +80% -20%, 450 VDCW. G-E Part No. 7488160-P1.	Deleted.
C430	Added.	Capacitor, silver mica; 2200 pf, $\pm 5\%$ , 500 VDCW. G-E Part No. 7147203-P16.
C431	Added.	Capacitor, ceramic; 0.01 mfd, +80% -20%, 450 VDCW. G-E Part No. 7488160-P1.
R335	Resistor, comp. 0.22 megohms, $\pm 10\%$ , 1/2 w. G-E Part No. 3R77-P224K.	Deleted.
R336	Resistor, comp. 0.68 megohm, $\pm 10\%$ , 1/2 w. G-E Part No. 3R77-P684K.	Deleted.

REV. F (Cont'd)

<u>Part Changed</u>	<u>Was</u>	<u>Changed To</u>
R337	Resistor, comp: 0.33 megohm ±10%, 1/2 w. G-E Part No. 3R77-P334K.	Deleted.
R435	Added.	Resistor, comp: 0.15 megohm, ±10%, 1/2 w. G-E Part No. 3R77-P154K.
R436	Added.	Resistor, comp: 56,000 ohms, ±10%, 1/2 w. G-E Part No. 3R77-P563K.
R437	Added.	Resistor, comp: 33,000 ohms, ±10%, 1/2 w. G-E Part No. 3R77-P333K.
R439	Added.	Resistor, comp: 56,000 ohms, ±10%, 1/2 w. G-E Part No. 3R77-P563K.

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