



### EQUIPMENT AFFECTED

Messenger 123A, Part No. 242-0123-002  
Messenger 123B, Part No. 242-0123-003  
Messenger 123SJ, Part No. 242-0123-004  
Messenger 130, Part No. 242-0130-001  
Messenger 132, Part No. 242-0132-001  
Messenger 250, Part No. 242-0250-001

### REASON FOR REVISION

Eliminate audio distortion.

### REVISIONS

1. Remove CR2 and C15.
2. Solder an 8K thermistor from CR5 anode to ground.
3. Solder C96, a 56 pF capacitor, from CR3 anode to ground.
4. Replace C35 and C36 with 0.022 $\mu$ F capacitors; some transceivers have 0.01 $\mu$ F values.
5. Replace R41 with a 27 ohm resistor; some transceivers have 33 ohm values.
6. Replace R39 with a 470 ohm resistor.

### PARTS REQUIRED

<u>QTY</u>	<u>PART NUMBER</u>	<u>PART DESCRIPTION</u>
1	569-3001-001	8.0K $\Omega$ $\pm$ 10% -4.4 thermistor
2	510-3202-223	0.022 $\mu$ F $\pm$ 20% 50V Y5U
1	569-1504-270	27 $\Omega$ $\pm$ 10%, 1/2 watt carbon
1	569-1504-471	470 $\Omega$ $\pm$ 10%, 1/2 watt carbon

### CHANGE ACTION

Make this change as required. Current production units include this change.