

KWM-380 TRANSCEIVER (622-5093-001, -101)
 HF-380 TRANSCEIVER (622-3580-001, -101)

SERVICE INFORMATION LETTER 1-84

PRODUCT IMPROVEMENT

PURPOSE:

To remove RFI susceptibility on the microphone input and speaker talk-back during transmit.

EQUIPMENT	APPLIES TO SERIAL NUMBER	PRODUCTION CUT-IN SERIAL NUMBER
KWM-380 622-5093-001, -101	All units	2200
HF-380 622-3580-001, -101	All units	1200

SYMPTOM:

High RF environment will cause distortion in the transmit audio and extreme audio distortion with the speech processor engaged. SSB undetected audio will be heard through the transceiver speaker.

SOLUTION:

On the rear of the front panel, add two ferrite beads to the white wire on the mic jack (part #288-1337-010). Change RF bypass C3 between mic jack and phone jack to 0.1uf (part #913-3331-030). Add 0.01uf RF bypass capacitor to phone jack (part #913-3331-020). On the Receiver/Exciter A3 board, install a 6800pf bypass across R500 mic amplifier input resistor (part #913-5019-180).

