

KENWOOD

ASB-1029

Service Bulletin

Amateur Radio Division

Subject: TM-742/942 28 MHz/50 MHz RC TX Failure
1993

Date: June 29,

Symptom:

During RC operation (Remote Control) the 28 MHz and 50 MHz modules do not transmit after a frequency within the affected band is entered from the microphone keypad. Pressing the PTT key will cause a beep to be sounded but the radio will not transmit. This error is a result of a programming error in two of the microprocessors.

Corrective Action:

Replace IC1 on the Control Unit X53-3460 B/2 and IC1 on the Display Unit X54-3130 A/3 to correct this symptom.

Parts Required:

Qty	Description	Kenwood Part No.	Circuit Description
1	Control Unit microprocessor	HD6433388A07F	IC1
1	Display Unit microprocessor	HD404719A32H	IC1

Note:

To activate the RC function after changing these two parts you need only press the RC key on the front panel of the radio. This method differs from the original method which required use of the "F" key and the "RC" key.

Caution: *This modification requires soldering equipment rated for CMOS type circuits. It also requires familiarity with surface mount soldering techniques. If you do not have the proper equipment or knowledge do not attempt this modification yourself. Seek qualified assistance.*

Time required for this modification is 1.5 hours or less.

Service code A:84 B:X53-3460 B/2 C:IC1 D:91