

KENWOOD

ASB-997

Service Bulletin

Amateur Radio Division

Subject: TH-78A Clone Failure w/ME-1 Installed 1992	Date: August 3,
---	------------------------

Background:

Some TH-78A owners have reported a failure of the cloning feature after the ME-1 Memory expansion unit is installed. The following modification will correct this problem.

Note: Since the Cloning feature is not one that is mentioned in the operators manual, and is basically an unsupported feature, we do not anticipate many reports of this symptom.

WARNING: This radio uses micro-sized surface mount components, and/or multi-layer circuit boards. *If you are not familiar with the techniques for service of this type of equipment do not attempt this modification yourself.* You will invalidate your warranty if you attempt to modify the equipment and damage the radio. If you are at all in doubt about your qualification to perform this modification you should seek qualified assistance.

Required Parts:

IC-7 Microprocessor

HD404629A32H

Procedure:

1. Remove the battery, and antenna.
2. Remove the 3 small black #0 phillips head screws from the rear panel of the transceiver and the 1 small black #0 phillips head screw from the side of the transceiver near the antenna connector.
3. Carefully separate the front panel from the rear of the transceiver and fold it over to allow access to the rear of the front panel.
4. Unsolder the brass shield from the circuit board (4 solder points).
5. Locate IC7 the largest of the two IC's under the shield, unsolder and remove.
6. Install the replacement part. Make sure there are no solder bridges or cold solder connections.
7. Revers steps 1-4 to reassemble.
8. Press and hold the "M" key on the front panel, turn on the power, then release the "M" key to reset the microprocessor.

This modification may be covered under warranty. Time required for this modification is 1 hr or less.

©80392 by CLM for Kenwood U.S.A.

Page 1 of 1

Communications and Test Equipment Group

Kenwood U.S.A. Corporation

Communications and Test Equipment Group
2201 E. Dominguez Street
Long Beach, California 90801
Phone (310) 639-7140
FAX: (310) 609-2127