

PROJECT MANAGER
FIREFINDER
U.S. ARMY ELECTRONICS RESEARCH
AND DEVELOPMENT COMMAND
FORT MONMOUTH, NEW JERSEY
07703



MAINTENANCE BULLETIN

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| AN/TPQ-37 RADAR SYSTEM W/WATER ENTRY RESOLUTION MOD KIT | FILE NO. 152 | REVISION: |
| SUBJECT: CIRCUIT CARD EXTRACTOR | DATE: 11/13/96 | CATEGORY: C-MAINT |
| | SYSTEMS AFFECTED: AN/TPQ-37 | |

1. Reference: MWO 11-5840-355-50-3, "Modification of Radar Set, AN/TPQ-37 (V) Water Entry and Mechanical Upgrade".
2. Background: As part of the Water Entry Resolution effort on the AN/TPQ-37 Radar System, three (3) mounting frames were added around the circuit card bays on the front of the BSU card rack. The addition of these frames increased the distance which the card extractor needs to reach in order to engage a card for removal, therefore, creating a requirement for a new/modified card extractor.
3. Circuit Card Extractor, NSN 5998-01-436-7849, P/N 3013521, CAGE 65534, is the new modified version to be requisitioned for use on the AN/TPQ-37 FIREFINDER Radar Set with the Water Entry Resolution Mod Kit applied.
4. The purpose of this maintenance bulletin is to inform maintenance personnel that Circuit Card Extractor, NSN 5999-01-253-8643, can be modified in order to be used on the AN/TPQ-37 FIREFINDER Radar System with Water Entry Resolution Mod Kit, card extractor modification procedures are shown in Figure 1.
5. The attached rough drawing (Figure 2), shows the modified extractor.
6. This circuit card extractor modification will resolve the problem that occurs when the Water Entry Mod is applied to the AN/TPQ-37 Radar Systems.

APPROVED BY LOGISTICS MANAGER

PMFF

DATE:

11/13/96

MODIFICATION OF CIRCUIT CARD EXTRACTOR

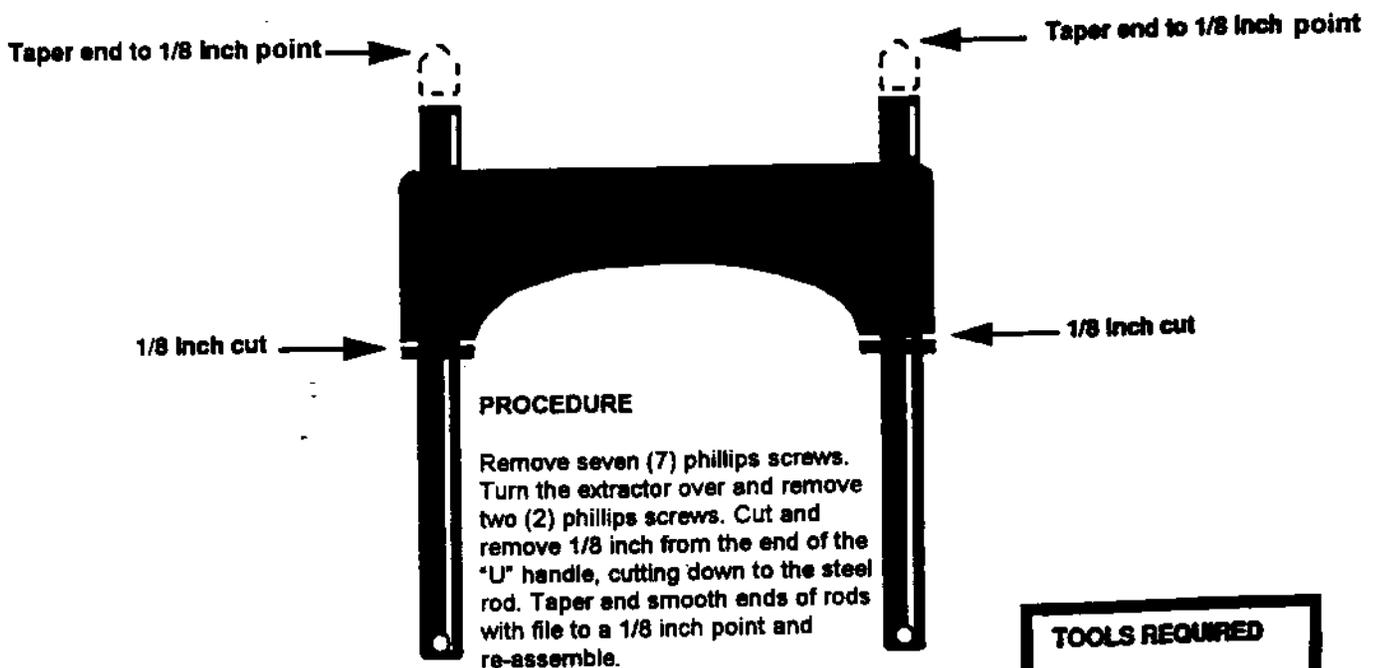
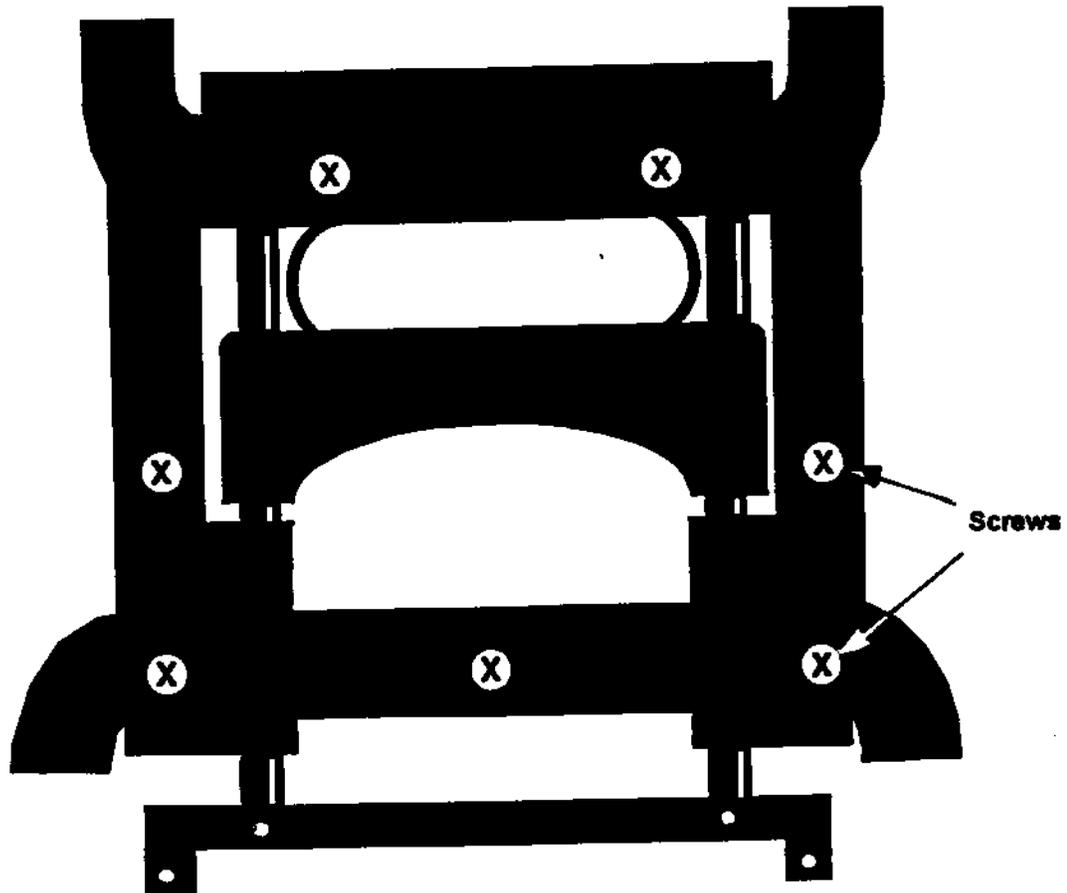


Figure 1

MODIFIED CIRCUIT CARD EXTRACTOR

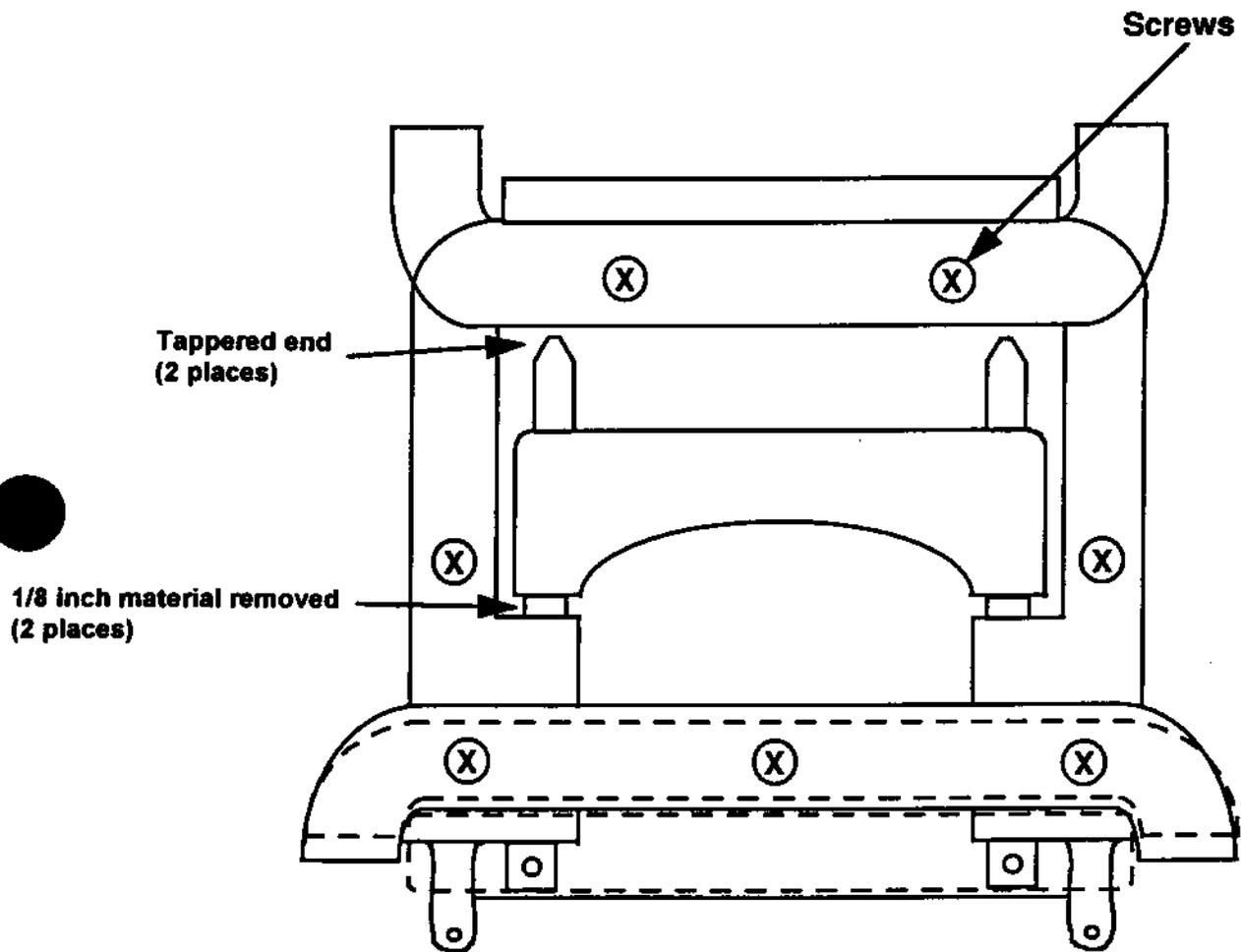


Figure 2