

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

**SUPPLEMENTAL ORGANIZATIONAL MAINTENANCE
AND DEMODIFICATION INSTRUCTIONS
(INCLUDING REPAIR PARTS LIST)**

FOR

**SPECIAL PURPOSE MODIFICATION FOR
LIGHT INFANTRY DIVISION**

TO

**SEMITRAILER, VAN: SHOP EQUIPMENT,
GUIDED MISSILE SYSTEM
AN/TSM-I64
PATRIOT (BATTERY)
4935-01 -136-0233)**

Distribution: Approved for public release; distribution is unlimited.

13 JUNE 1988

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FOR

**SPECIAL PURPOSE MODIFICATION FOR
LIGHT INFANTRY DIVISION**

TO

**SEMITRAILER, VAN: SHOP EQUIPMENT,
GUIDED MISSILE SYSTEM
AN/TSM-164
PATRIOT (BATTERY)
(4935-01-136-0233)**

13 June 1988

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this bulletin. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) direct to: Commander, U. S. Army Tank Automotive Command, ATTN: AMSTA-MB, Warren, MI 48397-5000.

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Section I. INTRODUCTION

1-1. General. The instructions in this supplement apply to the following vehicles for the Light Infantry Division Patriot AN/TSM-164 maintenance centers produced by Letterkenny Army Depot using M373A2 van semitrailers built by Baillie Manufacturing Company:

Serial Number

NYOOD7-B-402

NYOOD8-B-403

NYOODG-B-411

NYOODN-B-417

1-2. Purpose. These instructions apply to the maintenance of the 60 hertz 115 volt electrical system installed in the above vehicles.

CAUTION

Cover plates have been installed over the old electrical system receptacles to prevent accidental use. **DO NOT REMOVE THESE COVERS.**

Section II. MAINTENANCE PROCEDURES WARNING

Make sure all electrical power sources are disconnected before performing any maintenance procedures in this supplement or personal injury or death could result.

2-1. Roadside, Curbside, and Front Wiring and Roadside, and Curbside Receptacles Removal and Installation. (Refer to figures 1, 2, 3 and 4).

NOTE

Item numbers referred to in the procedures, refer to item numbers in the referenced figures and to items in, the parts list.

a. Removal.

- (1) Remove cover (3) from junction box (1).
- (2) Unscrew nut securing conduit in junction box.
- (3) Remove two screws securing receptacle in box and remove receptacle (2) from box (1).
- (4) Disconnect wires from receptacle (2).
- (5) Remove cover screw and cover from load center (7) and disconnect wires from breaker (8).

NOTE

Remove light lenses and bulbs as necessary to access retaining straps and conduits.