

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

INSTALLATION OF TELEPHONE SETS

TA-312/PT AND TA-1/PT WITH REEL EQUIPMENT CE-11

IN GUN, AAA, 20MM, XM167

Headquarters, Department of the Army, Washington, D. C.
23 September 1968

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CHAPTER 1
INTRODUCTION

1-1. Scope

a. This manual provides pictorial instructions for installing basic units Telephone Set TA-312/PT (FSN 5805-543-0012), Telephone Set TA-1/PT (FSN 5805-521-1320), and Reel Equipment CE-11 (FSN 38954077722) in Gun, AAA, 20mm, XM167.

b. All Federal Stock Numbers (FSNs) in this manuscript were verified on 3 September 1968 as being accurate, current and in the Federal Catalog System.

1-2. Indexes of Equipment Publications

a. *DA Pam 310-4*. Refer to the latest issue of DA Pam 310-4 to determine whether there are new editions, changes, or additional publications pertaining to the equipment.

b. *DA Pam 310-7*. Refer to the latest issue of DA Pam 310-7 to determine whether there are modification work orders (MWO's) pertaining to the equipment.

1-3. Forms and Records

a. *Reports of Maintenance and Unsatisfactory Equipment*. Use equipment forms and records in accordance with instructions given in TM 38750.

b. *Report of Packaging and Handling Deficiencies*. Fill out and forward DD Form 6 (Report of Packaging and Handling Deficiencies) as prescribed in AR 700-58 (Army), NAVSUP Publication 378 (Navy), AFR 71-4 (Air Force), and MCO P4610-5 (Marine Corps).

c. *Discrepancy in Shipment Report (DISREP) (SF 361)*. Fill out and forward Discrepancy in Shipment Report (DISREP) (SF361) as prescribed in AR 55-38 (Army), NAVSUP Pub 459 (Navy), AFM 75-34 (Air Force), and MCO P4610.19 (Marine Corps).

d. *Report of Equipment Manual Improvements*. Report of errors, omissions, and recommendations for improving this manual is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to DA Publications) and forwarded direct to Commanding General, U.S. Army Electronics Command, ATTN: AMSEL-MENMP-AD, Fort Monmouth, N.J., 07703.

CHAPTER 2
INSTALLATION

Section I. SERVICE UPON RECEIPT OF EQUIPMENT

2-1. Unpacking

Move the packing boxes close to the location where the installation is to be made, and unpack the three basic units. Be careful not to damage any of the components.

2-2. Checking Unpacked Equipment

a. Inspect the equipment for damage incurred during shipment. If the equipment has been damaged, report the damage on DD Form 6 (para 1-3).

b. Check to see that the equipment is complete as listed on the packing slip. If a packing slip is not

available, the completeness of the installation unit can be determined by comparing the parts received with items listed on the installation drawing (fig. 2-1). Report all discrepancies in accordance with TM 38750. Shortage of a minor part that does not affect proper installation or functioning of the equipment should not prevent the basic units from being used.

c. When vehicles with basic units are to be turned in or transferred, communication equipment will be removed and reinstalled in new replacement vehicles. Reel supports, straps, bracket, and mounting tray are provided as part of the vehicle.

Section II. EQUIPMENT INSTALLATION

2-3. Tools Required for Installation

No tools are required for installation of the telephone sets or the reel equipment. Refer to figure 2-1 for a pictorial view of the mounted components.

2-4. Installation Instructions

To accomplish the installation, follow the instructions shown on figure 2-1, and in a, b, and c below.

a. Attach Reel Equipment CE-11 to the reel supports (the reel supports are part of the vehicle carriage).

b. Place Telephone SetTA-312/PT on the telephone mounting tray and secure with strap (mounting tray with strap are part of the turret).

c. Place Telephone Set TA-1/PT on the bracket provided and secure with the straps (the bracket and straps are part of the vehicle).

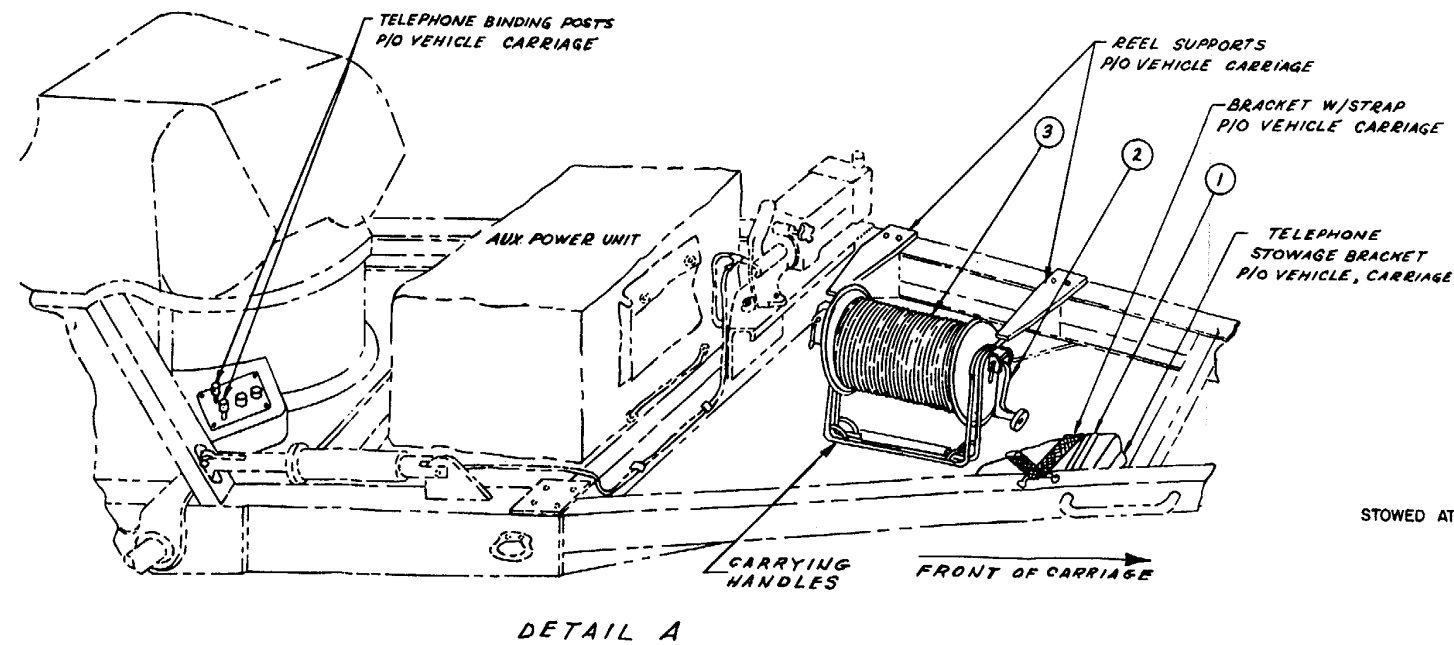
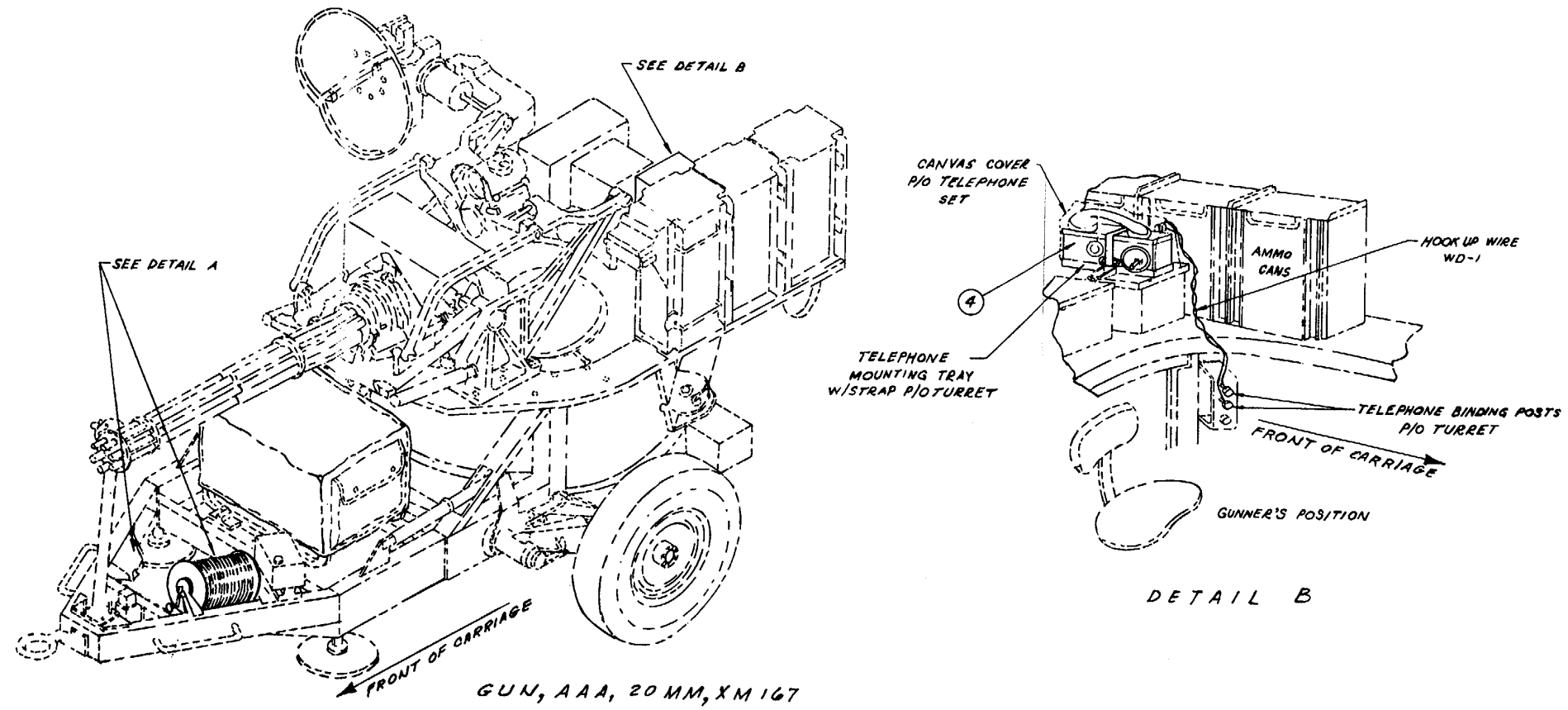
APPENDIX
REFERENCES

DA Pam 310-4	Index of Technical Manuals, Technical Bulletins, Supply Manuals (types 7, 8, and 9), Supply Bulletins, and Lubrication Orders.
DA Pam 310-7	U. S. Army Equipment Index of Modification Work Orders
SB 11-131	Vehicular Radio Sets and Authorized Installations.
SB 38-100	Preservation, Packaging, and Packing Materials, Supplies, and Equipment Used by the Army.
TM 11-3895-203-15	Organizational, DS, ;S, and Depot Maintenance Manual, Including Repair Parts and Special Tools List: Reel Equipment CE- 11.
TB SIG 364	Field Instructions for Painting and Preserving Electronics Command Equipment.
TM 11-5805-201-12	Organizational Maintenance Manual: Telephone Set TA-312/PT
TM 11-5805-201-35	DS, GS, and Depot Maintenance Manual: Telephone Set TA-312/PT.
TM 11-5805-243-12	Operation and Organizational Maintenance: Telephone Set TA-1/PT.
TM 38-750	Army Equipment Record Procedures.

Distribution:

To be distributed in accordance with DA Form 12-61, Operator maintenance requirements for the AN/GLQ-2, AN/GRC-26, AN/GRC-41, AN/MRC-54, AN/MRC-68, AN/MRC-69, AN/MRC-73, AN/MRC-102, AN/MRC-103, AN/ MRR-8, AN/MRT-9 and AN/TRD-10 radio sets.

* U.S. GOVERNMENT PRINTING OFFICE : 1994 0 - 300-421 (82686)



Item No.	Name of item	Qty req	Remarks
1	Telephone Set TA-1/PT	1	Reel Equipment CE-11
2	Crank, reel-shaft	1	
3	Reel RL-39	1	
4	Telephone Set TA-312/PT	1	Note 1
5	Headset Microphone H-144C/U	1	

NOTE:
STOWED AT THE DISCRETION OF USER.

Figure 2-1. Telephone sets and reel equipment installed in Gun, AAA, 20mm, XM167.

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



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PARA-GRAPH

FIGURE NO.

TABLE NO.

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