

INSTALLATION INSTRUCTIONS FOR INSTALLATION KIT ELECTRONIC EQUIPMENT MK-2202/VRC (NSN 5895-01-309-4601) (EIC: N/A) TO PERMIT INSTALLATION OF RADIO SET AN/VRC-87/88/90 SERIES IN A ELECTRONIC SHOPS, SEMITRAILER, MOUNTED AN/ASM-189A

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HEADQUARTERS, DEPARTMENT OF THE ARMY

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REPORTING OF ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes, or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms) or DA 2028–2 located in back of this manual direct to: Commander, US Army Communications–Electronics Command Fort Monmouth, ATTN: AMSEL–LC–LEO–D–CS–CFO, Fort Monmouth, New Jersey 07703–5000. The Fax number is 732–532–1413, DSN 992–1413. You may also e–mail your recommendation to AMSEL–LC–LEO–PUBS–CHG@cecom3.monmouth.army.mil.

In either case a reply will be furnished direct to you.

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*This manual supersedes TB 11–5820–890–20–10 dated 1 September 1993.

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0.1 SCOPE

This technical bulletin provides Installation Instructions for Electronic Equipment MK–2202/VRC, commonly referred to as the Mounting Kit (MK). The MK shall be installed into the following type of vehicle(s):

• Electronic Shops, Semitrailer, Mounted, AN/ASM-189A

The MK is used for installation of radio set components at field locations. The information contained in this technical bulletin is the official authorization to perform the installation at the unit maintenance level.

NOTES

- This technical bulletin is not an authorization for requisition or turn-in of vehicles.
- This technical bulletin does not establish quantity or types of vehicles assigned to using units.

This technical bulletin does not contain information on the maintenance or replacement of the MKs. This information is contained in the MAC of TM 11-5820-890-20-2 and RPSTL of TM 11-5820-890-20P.

0.2 GENERAL INFORMATION.

The MK becomes operable when all the radio set components are installed in the vehicle and correct power is supplied. Refer to TM 11–5820–890–20–1 or TM 11–5820–890–20–2 for installation, Operational (OP) Check instructions, and required maintenance procedures. Refer to TM 11–5820–890–20P for repair parts.

Included in the Radio Set AN/VRC-87/88/90 Series is:

• Radio Set AN/VRC-87/88/90 Series (for RT-1523(C)/U)

0.3 MAINTENANCE FORMS, RECORDS, AND REPORTS.

0.3.1 Reports of Maintenance and Unsatisfactory Equipment. See section 4.2.2.3 for information.

0.3.2 Report of Packaging and Handling Deficiencies. See section 4.2.2.1 for information.

0.3.3 Discrepancy in Transportation Deficiency Report (TDR) (SF361). See section 4.2.2.2 for information.

0.4 CONSOLIDATED INDEX OF ARMY PUBLICATIONS.

Refer to the latest issue of DA Pam 25–30 to determine whether there are new changes, or additional publications pertaining to the equipment.

1. PURPOSE OF INSTALLATION.

The Installation Kit, Electronic Equipment MK–2202/VRC (MK) contains the items needed to mount Radio Set AN/VRC- 87/88/90 Series in a Electronic Shops, Semitrailer, Mounted, AN/ASM-189A.

2. END ITEM OR SYSTEM TO BE MODIFIED.

Not applicable.

3. APPLICATION TIMES.

3.1 Time for Completion of Installation. Using two people, a total of 2.5 work hours is required. Typical vehicle downtime is 3.0 hours.

3.2 Time for Installation of One Assembly or Component. The following table lists the time required to install one component. All times have been rounded off to the nearest half hour. The sum of these times will not reflect the typical vehicle downtime.

ITEM	SECTION	TIME
Antenna AS–3900/VRC	5.1	1.0
Mounting Base, Electrical Equipment MT-6352/VRC	5.2	1.5
Cables	5.3	1.0

4. PREPARATION FOR INSTALLATION.

This section explains how to prepare the vehicle and MK for installation.

4.1 Preparation of Vehicle. To prepare the vehicle for installation, insure that the site includes adequate lighting and a power source when drilling is required. Inspect the vehicle for damage that could affect installation. Have any such damage repaired before installing MK.

4.1.1 Items to be Removed. Remove existing AN/VRC-12 radio family installation kit/harness. See TM 11-5820-401-20-2 for removing items used with intercom systems, or TM 11-5820-401-20-1 (used without intercom systems), and TM 11-4940-246-14.

4.1.2 List of Items to be Retained. Not applicable.

- **4.2 Preparation of MK.** To prepare MK, unpack, inspect and check inventory.
- **4.2.1 Precautions During Handling.** Observe these steps to prevent equipment damage.
 - a. Keep dust covers in place on connectors.
 - b. Do not disassemble or modify parts in MK unless authorized to do so.
 - c. Keep mounting hardware covered and protected until needed.
 - d. When exposed to moisture, rain or salt water, keep all parts dry to prevent corrosion.

4.2.2 Unpack and Inspect Equipment.

4.2.2.1 Inspect Packaging for Evidence of Damage. Any shipping damage should be reported on SF364 Report of Discrepancy (ROD) as prescribed in AR 735–11–2/DLAR 4140.55/NAVMATINST 4355.73A/AFR 400–64/MCO 4430.3F.

4.2.2.2 Unpack and Inventory MK. If any item is missing, fill out and forward Transportation Deficiency Report (TDR) (SF361) as described in AR 55–38/NAVSUPINST 4610.33C/AFR 75–18/MCO P4610.19D/DLAR 4500.15.

4.2.2.3 Examine Each Item for Damage. If any item is damaged, fill out and forward SF364 Report of Discrepancy (ROD) as prescribed in AR 735–11–2/DLAR 4140.55/NAVMATINST 4355.73A/AFR 400–64/MCO 4430.3F. All damages should be reported as prescribed by DA Pam 738–750, as contained in Maintenance Management Update.

4.3 MK, Distribution, and Consumables.

4.3.1 Items Supplied in MK and/or Required for Installation. Use Table 4–1 and figure 4–1 to identify and inventory MK parts supplied to install Radio Set AN/VRC-87/88/90 Series. Refer to Table 4–2 and Figure 4–2 to identify additional items required to install for "D/E" Series Radio Sets.

4.3.2 Distribution and Issue Instructions.

- a. US Forces: Do not requisition MK. They will be shipped automatically.
- b. US Army Depots: Requisition MK through supply channels.
- c. Multiservice: Instructions shall be included for multiservice modifications.
- d. MAP/MAS Countries: Instructions shall be provided for MAP/MAS countries.

NSN	ITEM DESCRIPTION AND PART NUMBER	QUANTITY IN MK	SMR CODE	FIGURE, ITEM NO.
5985–01–297–2971 5305–00–847–1159	Antenna AS–3900/VRC (A3017899–1) Screw, Cap, Hexagon (3/8–16 x 1 3/4 in) MS35307–365	1 4	PAOOFA PAOZZA	4–1, 2
5310–00–913–8881 5310–00–061–1258	Nut, Hexagon (3/8–16 in) MS51971–3 Washer, Lock, Internal/External–Toothed	4 8	PAOZZA PAOZZA	
5310-00-889-2527	(3/8 in) MS45904–76 Washer, Lock, Internal/External–Toothed (5/16 in) MS45904–72	2	PAOZZA	
5306-00-225-9086	Bolt, Machine (5/16–24 x 5/8 in) MS90726–31 (Not Used)	1	PAOZZA	
5330-01-205-2864	Gasket (A3013655–1)	1	PAOZZA	
5965-00-876-2375	Loudspeaker, Permanent Magnet LS-454/U	1	PAOZZA	4–1, 4
5975-01-188-8873	Mounting Base, Electrical Equipment MT–6352/VRC (A3013367–1)	1	PAOOFA	4–1, 1
5306-00-225-9089	Bolt, Machine (5/16–24 x 1 in) MS90726–34 (Not Used)	5	PAOZZA	
5310-00-889-2527	Washer, Lock, Internal/External–Toothed (5/16 in) MS45904–72 (Not Used)	10	PAOZZA	
5310-00-880-7746	(3/10 iii) M343904-72 (Not Osed) Nut, Hexagon (5/16 – 24 in) MS51968–5 (Not Used)	5	PAOZZA	
5995–01–225–1656	Cable Assembly, Power, Electrical CX–13302/VRC (3 FT, 0 IN) (A3014039–3)	1	PAOZZA	4–1, 9
5995–01–225–1660	Cable Assembly, Radio Frequency CG–3855/VRC (21 FT, 0 IN) (A3014031–17)	1	PAOZZA	4–1, 10
	Bracket, Mounting – Antenna (A3050655–1)	1	XBOZZA	4–1, 5
5340-00-809-1490	Clamp, Loop (1/4–1/4 in) MS21333–98	2	PAOZZA	
4020-01-341-8795	Fiber Rope Assembly, Single Leg (A3167672–1)	1	PAOZZA	4–1, 8
5325-00-174-9312	Grommet, Nonmetallic (1/4 in) MS35489–36	2	PAOZZA	
5965-00-043-3463	Handset H-250/U	1	PAOZZA	4–1, 3
	Lead, Electrical – Ground Strap (5 ft, 0 in) MS39119–178	1	XBOZZA	4–1, 6
5310-00-768-0319	Nut, Hexagon (1/4 –28 in) MS51968–2	8	PAOZZA	
	Plate, Mounting, Flat (A3018330–1)	1	XBOZZA	4–1, 7

Table 4–1. Parts List for Installation of Radio Set AN/VRC-87/88/90 Series

NSN	ITEM DESCRIPTION AND PART NUMBER	QUANTITY IN MK	SMR CODE	FIGURE, ITEM NO.
5305-00-267-8956	Screw, Cap, Hexagon (1/4 – 28 x 1 1/2 in) MS90726–12	2	PAOZZA	
5305-00-267-9689	Screw, Cap, Hexagon (1/4 – 28 x 4 in) MS90726–22	6	PAOZZA	
5975-00-074-2072	Strap, Tiedown, Electrical Components MS3367–1–9	10	PAOZZA	
5305–01–266–8329	Screw, Machine (M4 x 13.0 mm) (A3013115–18)	1	PAOZZA	
5310-00-543-2739	Washer, Lock, Internal–Toothed (No. 8) MS35333–72	1	PAOZZA	
5310-00-889-2528	Washer, Lock, Internal/External–Toothed (1/4 in) MS45904–68	13	PAOZZA	
5310-00-582-5965	Washer, Lock (1/4 in) MS35338–44	2	PAOZZA	

Table 4-1. Parts List for Installation of Radio Set AN/VRC-87/88/90 Series Continued

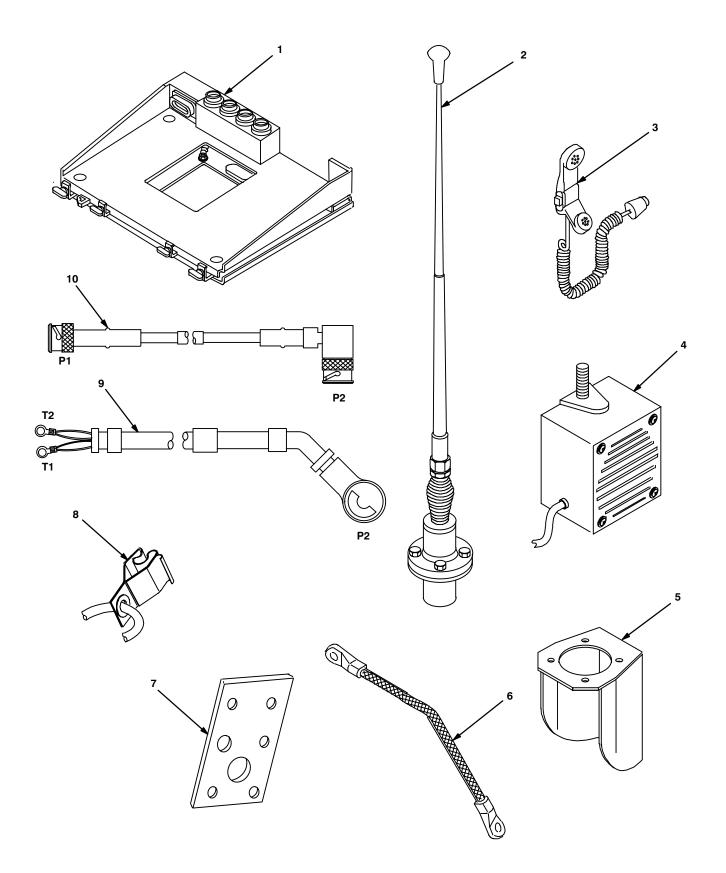


Figure 4–1. MK Illustrated Parts List

NSN	ITEM DESCRIPTION AND PART NUMBER	QUANTITY	SMR CODE	FIGURE, ITEM NO.
5965–01–222–1420	Loudspeaker, Control–Unit LS–671/VRC (A3014065–1)	1	PAOFFA	4–2, 1
5995–01–259–9283	Cable Assembly, Special Purpose, Electrical CX–13292/VRC (8 FT, 0 IN) (A3014038–12)	1	PAOZZA	4–2, 2
	Plate, Mounting (A3014550–1)	1	XBOZZA	4–2,3

Table 4–2	Additional Items Re	quired for Installation	n of Speaker for "D	" Series Radio Sets
		quilled for molunulion	I OF OPCUNCTION D	

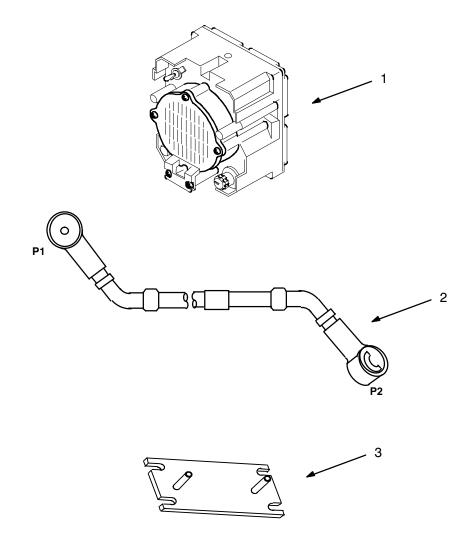


Figure 4–2. Illustrated Parts List for Table 4–2

NSN	NOMENCLATURE
8040-00-117-8510	Adhesive-Sealant, Clear, RTV
6850-00-880-7616	Silicone Compound, MIL-S-8660
8030-00-292-1102	Conductive Anti-seize Compound

4.3.3 Consumable Materials. The table below lists materials required for installation but not supplied with MK.

4.4 Tools and Test, Measurement, and Diagnostic Equipment (TMDE) Required. The following tools and TMDE are needed for installation.

Radio Set*	1
Electric Grinder or Equivalent	1
Pocket Knife, Electrician's 5110-00-	-240-5943 1
Screwdriver, No. 2 Point Phillips, 4 in 5120-00-	-234-8913 1
Screwdriver, 1/4 in Flatblade, 4 in 5120-00-	-222-8852 1
Pliers, Round Nose 5120-00-	-240-6172 1
Pliers, Diagonal Cutting 5110-00-	-965-0974 1
	-228-9505 1
.,	-228-9506 1
-, -	-228-9507 1
3/8 in 5120-00-	-228-9504 1
Handle, Socket Wrench 5120-00-	-240-5364 1
Socket: 7/16 in 5120-00-	-227-6703 1
1/2 in 5120-00-	-237-0977 1
9/16 in 5120-00-	-227-6704 1
3/8 in 5120-00-	-227-6702 1
Electric Drill 5130-00-	-889-8994 1
Drill Bits: 9/32 in 5133-00-	-222-9374 1
13/32 5133-00-	-227-9668 1
3/4 in 5133-00-	-227-9678 1
5/16 in 5133-00-	-227-9662 1

* Use radio issued with your vehicle if available.

5. INSTALLATION PROCEDURES.

This section describes where and how to install all MK items in the vehicle. See figure 5-1 for an overall view of where the MK equipment, as well as radio components, will be installed. When installing MK equipment, be sure to read and follow instructions and illustrations carefully.

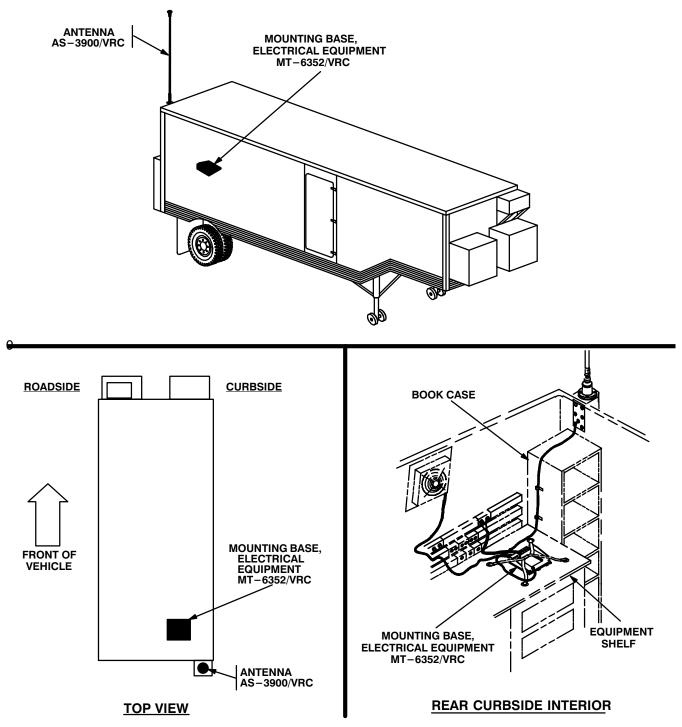
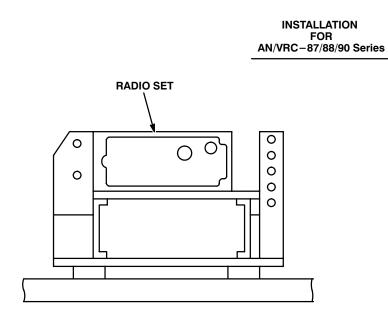


Figure 5-1 (1). MK and Radio Installation: MK Equipment Locations

5. INSTALLATION PROCEDURES. Continued



CURBSIDE EQUIPMENT SHELF

Figure 5-1 (2). MK and Radio Installation: Radio Equipment Locations

5.1 Installation of Antenna AS-3900/VRC (antenna). See figures 5-1 (1) for location.

5.1.1 Installation of Antenna Base.

ITEM	ACTION	REMARKS
	NOTE	
	hesive-sealant to both sides of each internal/extern d to the area of contact where IET washer is to be	
 Mounting holes for antenna bracket (4). 	Using dimensions shown, drill six 9/32 in diameter holes and one $3/4$ in diameter hole through rear wall. See figure $5-2$ (1).	Tools: Electric drill, 9/32 in and 3/4 in drill bits.
 Antenna bracket (4) and mounting plate (3). 	Aline over holes drilled in step a.	
		IDE
	PI32 IN AMETER HOLE 3/4 IN DIAMETER HOLE	4 2 5
1. NUT (1/4 – 28 in) 2. IET WASHER (1/4 in) 3.MOUNTING PLATE 4.ANTENNA BRACKET 5.CAP SCREW (1/4–28 x 4 in)		

Figure 5–2 (1). Antenna Base Installation: Installing Antenna Bracket

5.1.1 Installation of Antenna Base. Continued

	ITEM	ACTION	REMARKS
C.	Five cap screws (5), ten internal/external-toothed (IET) washers (2) and five nuts (1).	Install and secure to all holes in anten- na bracket (4), except left middle hole. See figure 5-2 (1).	Tools: 7/16 in socket and 7/16 in open/box wrench.
d.	Gasket (5).	Place on antenna bracket (4) and aline mounting holes. See figure $5-2$ (2).	
e.	Antenna base (1).	Place on top of gasket (5) and antenna bracket (4); then aline mounting holes.	
f.	Four cap screws (2), eight IET washers (3) and four nuts (6).	Install and secure to antenna base (1) and antenna bracket (4).	Tools: 9/16 in socket and 9/16 in open/box wrench.
g.	Ground strap (9), cap screw (8), one IET washer (12), two IET washers (7) and nut (11).	Install and secure to left middle hole in antenna bracket (4) and rear wall.	Tools: 7/16 in socket and 7/16 in open/box wrench.
	LEF	REAR WALL 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.	CAP SCREW (3/8-16 x 1 3/4 in) IET WASHER (3/8 in) ANTENNA BRACKET GASKET NUT (3/8-16 in) IET WASHER (5/16 in) CAP SCREW (1/4 - 28 x 4 in) GROUND STRAP MOUNTING PLATE NUT (1/4 - 28 in)	HOLE 10 9	

Figure 5-2 (2). Antenna Base Installation: Installing Antenna Base

ITEM ACTION REMARKS Apply silicone compound to element a. Antenna elements (1, 2). threads and assemble. See figure 5-3. b. Antenna element (2). Install and hand-tighten to antenna base (3). Lock wire (4). Install to antenna element (2) and c. antenna base (3). See figure 5-3, detail A. Cut and remove excess wire with diagonal cutting pliers. d. Fiber rope assembly (5). Attach clip to antenna element (1). Tie rope to vehicle to position antenna in desired location. See figure 5-3, detail B. 2 3 DETAIL B DETAIL A **ANTENNA ELEMENT (UPPER)** 1. 2. ANTENNA ELEMENT (LOWER) ANTENNA BASE 3. 4. LOCK WIRE

5.1.2 Installation of Top Antenna Assembly. The top portion of the antenna includes a lower element and an upper element (with installed cap). Use the following procedure to assemble, install and tie down all antennas.

5. FIBER ROPE ASSEMBLY

Figure 5–3. Top Antenna Assembly Installation

5.2 Installation of Mounting Base, Electrical Equipment MT-6352/VRC (mounting base). Remove and retain attaching bag of 5/16 in mounting hardware for installation. To insure good electrical grounding, any rust, corrosion or paint around mounting holes in radio shelf should be removed before installing the mounting base. See figure 5-4 and perform the following steps.

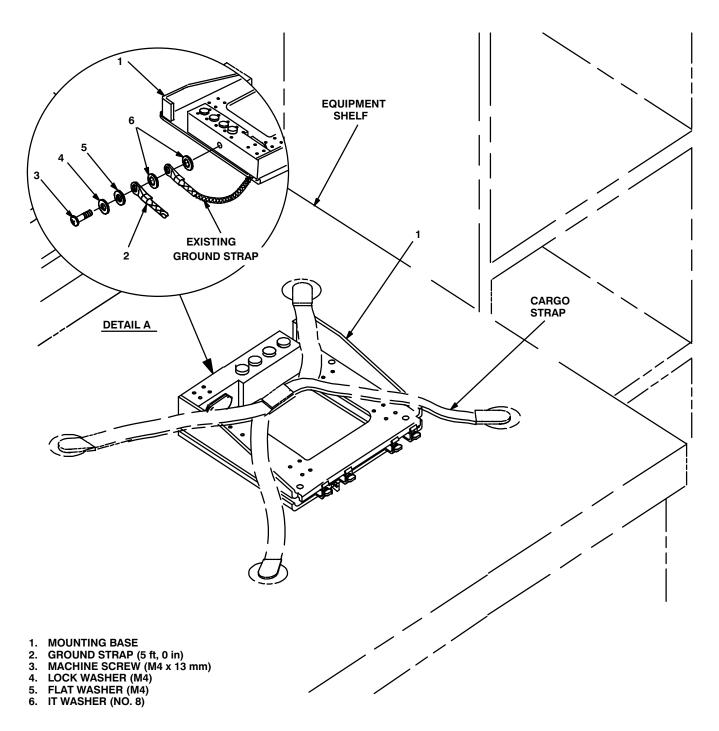
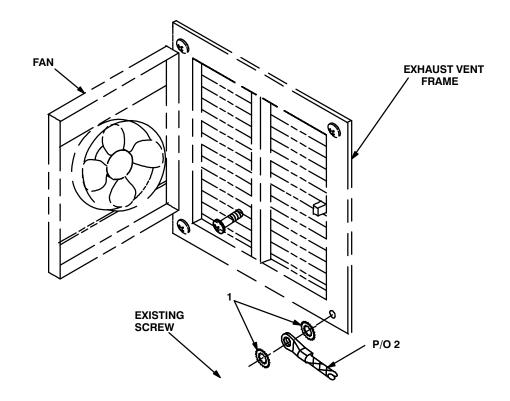


Figure 5-4 (1). Mounting Base Installation: Equipment Shelf

	ITEM	ACTION	REMARKS
		NOTE	
		esive-sealant to both sides of each internal/exte n, and to the area of contact where IET washer	
a.	Mounting base (1) and existing equipment shelf.	Remove a 2" square area of paint on the underside of the mounting base (1) around left front and rear mounting holes. Remove a 2" square area of paint on the existing equipment shelf around where mounting holes that mate with left front and rear mounting holes of mounting base (1) normally would be. Clean the paint removed areas and apply a thin coat of conductive anti-seize compound (CASC).	Tools: Electric grinder or equivalent.
b.	Existing ground strap secured to rear of mounting base (1).	Temporarily remove. Discard existing screw. See Figure 5-4(1), Detail A.	Existing screw not shown.
C.	Ground strap (2), panhead machine screw (3), one lock washer (4), one flat washer (5), two internal- toothed (IT) washers (6) and existing ground strap.	Install and secure to rear of mounting base (1).	Tools: Phillips screwdriver.
d.	Mounting base (1).	Position under cargo straps on equipment shelf. See Figure 5-4(1).	
e.	Cargo Straps.	Tighten and secure to mounting base (1) and equipment shelf.	
f.	Non-secured end of ground strap (2) and two internal/external-toothed (IET) Washers (1).	Use existing screw, install and secure to exhaust fan vent frame. See Figure 5-4(2).	

5.2 Installation of Mounting Base, Electrical Equipment MT-6352/VRC (mounting base). Continued

5.2 Installation of Mounting Base, Electrical Equipment MT-6352/VRC (mounting base). Continued



1.IET WASHER (1/4 in) 2.GROUND STRAP (5 ft, 0 in)

Figure 5–4 (2). Mounting Base Installation: Curbside Wall

5.3 Installation of Cables. To accomplish the installation, leave loop clamps and tiedown straps loose enough to adjust cable slack and allow easy adjustment of equipment. When installation is complete, tighten and secure clamps and tiedown straps.

WARNING

Make sure vehicle power source is positioned OFF or disconnected before installing cables.

	ITEM	ACTION	REMARKS
a.	RF cable (4) connector P1.	Insert through cable hole in antenna bracket (2) and mounting plate (3); then connect and secure to antenna base (1). See figure 5–5.	
b.	Two grommets (8).	Cut through on mark shown; then wrap around RF cable (4) and insert in inner and outer panels of rear wall. See fig- ure 5-5, detail A.	Tools: Pocket knife.
C.	RF cable (4).	Route across top and down side of book case to equipment shelf. See figure $5-5$.	
d.	Mounting holes for loop clamps (5).	Drill two 9/32 in diameter holes in left side of book case. See figure 5–5 for approximate location(s).	Tools: Electric drill and 9/32 in drill bit.
e.	Two loop clamps (5), two cap screws (1/4-28 x 1 1/2 in), two lock wash- ers (1/4 in) and two nuts (1/4-28 in).	Wrap clamps around RF cable (4); then install to holes drilled in step d.	Tools: 7/16 in socket and 7/16 in open/box wrench.
f.	RF cable (4) connector P2.	Position on top of mounting base (6). See figure 5–5.	
g.	Power cable (7) connector P2.	Position on top of mounting base (6).	
h.	Power cable (7) terminal leads: T1 (red) and T2 (black).	Cut through and remove marked area shown; then connect and secure to pro- per binding posts. See figure 5-5, de- tail B.	Red (+) secures to positive post. Black (-) secures to negative post.
			Tools: Diagonal cutting pliers.
i.	Adhesive-sealant.	Apply to and around previously installed grommets (8). See figure 5–5.	
j.	Power cable (7) connector P2.	Connect and secure to mounting base (6) connector J1.	

5.3 Installation of Cables. Continued

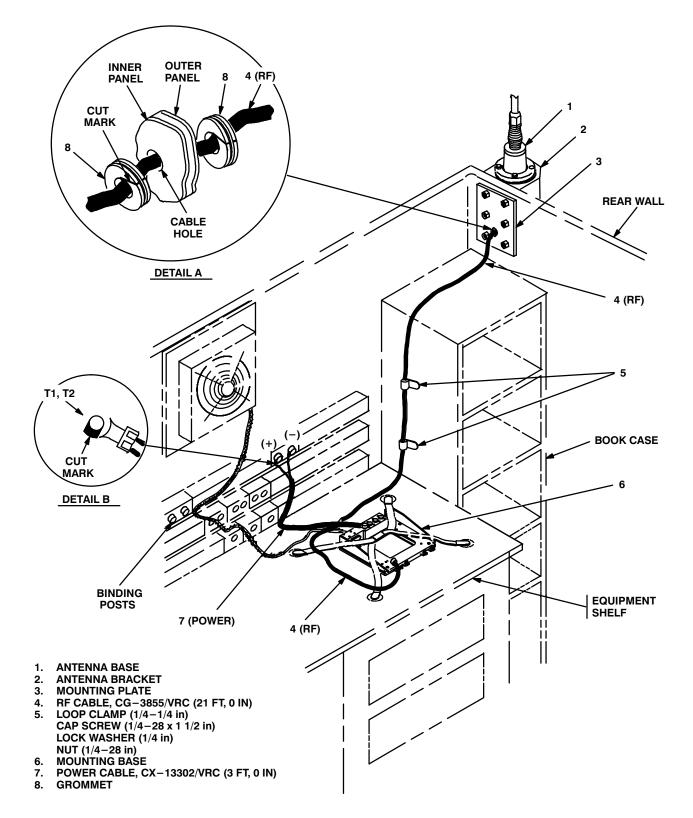
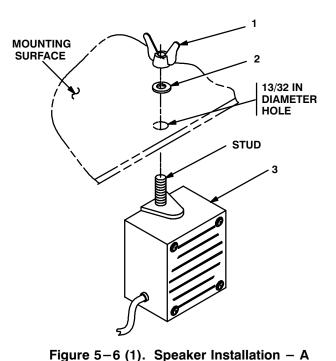


Figure 5–5. Cable Installation: Power and RF Cabling

5.4 Installation of Loudspeaker, Permanent Magnet LS-454/U (speaker). Mounting location for speaker may be determined by the vehicle commander. Typical methods used for mounting the speaker are as follows:

Method A. See figure 5–6 (1).

- a. Determine speaker (3) location.
- b. Drill 13/32 in diameter hole through mounting surface.
- c. Insert speaker (3) stud through drilled hole; then secure with lock washer (2) and wing nut (1).



- 1. WING NUT (3/8-24 in)
- 2. LOCK WASHER (3/8 in)
- 3. SPEAKER
- 4. CAP SCREW (1/4-20 x 1 in)
- 5. SPEAKER BRACKET
- 6. LOCK WASHER (1/4 in)
- 7. NUT (1/4-20 in)

Method B. See figure 5–6 (2).

NOTE

Items (4), (6) and (7) are not supplied in kit.

- a. Determine speaker (3) location.
- b. Drill two 5/16 in diameter holes through mounting surface.
- c. Install and secure two cap screws (4), two lock washers (6) and two nuts (7) to speaker bracket (5) and mounting surface.
- d. Insert speaker (3) stud through speaker bracket (5) hole; then secure with lock washer (2) and wing nut (1).

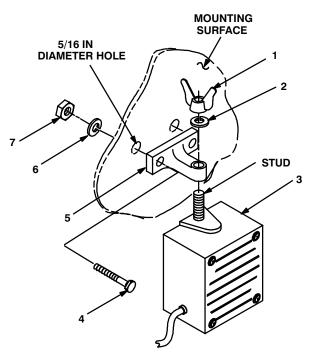


Figure 5–6 (2). Speaker Installation – B

ITEM		ACTION	REMARKS	
a.	Plate, mounting (1).	Tools: Electric drill 11/32 in drill bit.		
э.	Plate, mounting (1).	Align bottom slots over holes drilled in step a.		
с.	Two machine bolts (4), four flat washers (3), two lock washers (2) and two nuts (5).	Align bottom slots over holes drilled in step a.	Tools: Phillips screwdriver.	
d.	Speaker (7).	Place on plate mounting (1). a.		
e.	Two externally-relieved body screws (6).	Tools: Flatblade screw- driver.		
f.	Handset.	Connect and secure to speaker (7) connector J2.	Tools: Flatblade screw- driver.	
	PLATE MOUNTING	1 Bottom Siot	11/32 IN DIAMETER HOLE	
F N N	LOCK WASHER (5/16 IN) FLAT WASHER (5/16 IN) MACHINE BOLT (5/16–24 X 1 IN) NUT (5/16–24 IN) BODY SCREW (P/O PLATE, MOUNTING SPEAKER	diale 4		

5.5 Installation of Loudspeaker, Control–Unit, LS–671/VRC (speaker). Use the following procedures to install the speaker for "D" series radio sets.

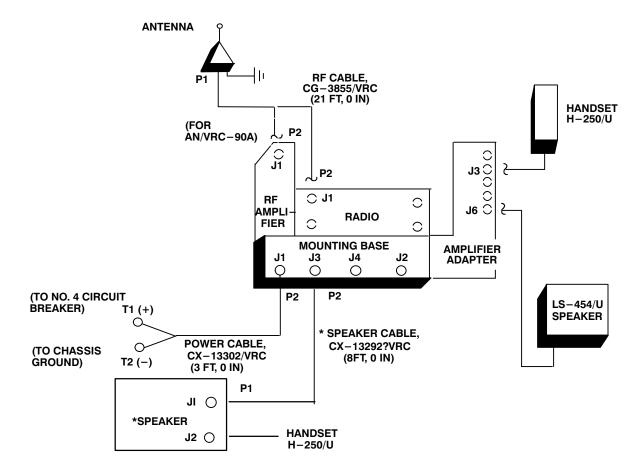
Figure 5–7. Speaker Installation

1. 2. 3. 4. 5.

6. 7. **5.6 Post–Installation and Checkout.** After equipment is installed and cables are connected, perform the following steps.

	ITEM	ACTION	REMARKS
a.	Equipment.	Check for secure mounting. Check for loose parts, connectors and mounting hardware.	
b.	Cables.	Check for proper installation and connection of cables. See figure 5–8 for cable connections. Unused cables should be stowed in appropri– ate place inside the vehicle.	
C.	Loop clamps.	Check that all have been properly installed and tightened.	
d.	Protective covers.	Insure that all installed cables are covered when not in use or con- nected.	
e.	Radio issued with vehicle.	Install and connect cables. See TM 11-5820-890-20-1 or TM 11-5820-890-20-2 for installation and Operational (OP) Check instructions.	
f.	MK line replaceable units.	See TM 11-5820-890-20P for Repair Parts and Special Tools List (RPSTL) information.	

5.6 Post-Installation and Checkout. Continued



	FROM			ТО		
CABLE ASSEMBLY	CABLE CONN.	UNIT	UNIT CONN.	CABLE CONN.	UNIT	UNIT CONN.
CX-13302/VRC (3 FT, 0 IN)	P2	Mounting Base	J1	T1: Red (+) T2: Black (-)	Binding posts	(+) Post (–) Post
CG-3855/VRC (21 FT, 0 IN)	P1	Antenna base	J1	P2	RF amplifier or radio	J1
Handset cable		Handset			Amplifier adapter	J3
Speaker cable		LS-454/U speaker			Amplifier adapter	J6

Figure 5-8. Cable Diagram: For AN/VRC-87/88/90 Series

APPENDIX A

REFERENCES

AMDF	Army Master Data File (Microfiche)
AR 710-2	Supply Policy Below the Wholesale Level as Contained in Unit Supply UPDATE
AR 725-50	Requisitioning, Receipt and Issuing System in UPDATE
DA Pam 25-30	Consolidated Index of Army Publications (Microfiche)
DA Pam 710-2-1	Using Unit Supply System Manual Procedures as Contained in Unit Supply UPDATE
SB 11-131	Vehicular Radio Sets and Authorized Installations (SINCGARS)
TM 11-5820-890-10-1	Operator's Manual (ICOM Radio Sets)
TM 11-5820-890-10-3	Operator's Manual (Non-ICOM Radio Sets)
TM 11-5820-890-20-1	Unit Maintenance Manual (ICOM Radio Sets)
TM 11-5820-890-20-2	Unit Maintenance Manual (Non-ICOM Radio Sets)
TM 11-5820-890-20P	Repair Parts and Special Tools List

By Order of the Secretary of the Army:

ERIC K. SHINSEKI General, United States Army Chief of Staff

Official:

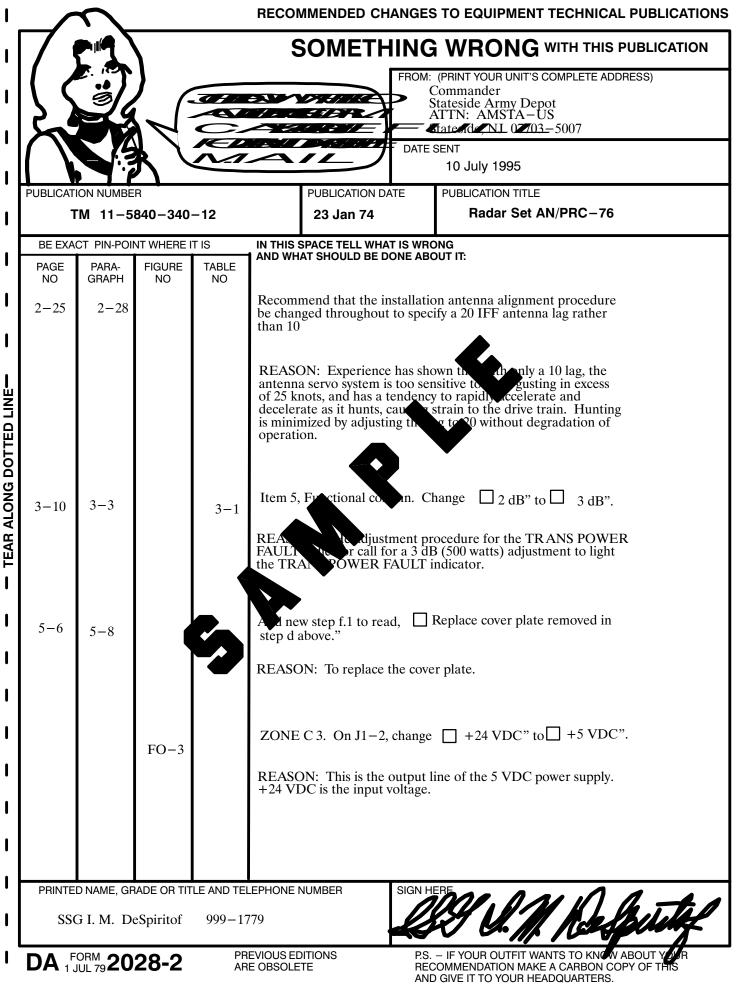
Joel B. Huln I JOEL B. HUDSON

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