

ARMY TM 11-5820-401-35-9
NAVY NAVELEX 0967-432-3130

DIRECT SUPPORT, GENERAL SUPPORT, AND
DEPOT MAINTENANCE MANUAL
INCLUDING REPAIR PARTS AND SPECIAL TOOLS LISTS

MOUNTING MT-1029/VRC

FSN 5820-893-1323

AND

MOUNTING MT-1898/VRC

FSN 5820-893-1324

This copy is a reprint which includes current
pages from Changes 1 and 2.

DEPARTMENTS OF THE ARMY AND THE NAVY
APRIL 1974

CHANGE

DEPARTMENTS OF THE ARMY
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Washington, DC, 1 October 1987

No. 2

Direct Support, General Support, and
Depot Maintenance Manual
Including Repair Parts and Special Tools Lists
MOUNTING MT-1029/VRC
(NSN 5820-00-893-1323)
AND
MOUNTING MT-1898/VRC
(NSN 5820-00-893-1324)

TM 11-5820-401-35-9/NAVELEX 0967-432-3130, 18 April 1974, is changed as follows:

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3-1 through 3-6	3-1 through 3-6
A-1 through A-3	A-1 and A-2
B-5 and B-6	B-5 and B-6
B-9 through B-14	B-9 through B-14
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No. 1 }

DEPARTMENTS OF THE ARMY
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**Direct Support, General Support, and
Depot Maintenance Manual
Including Repair Parts and Special Tools Lists
MOUNTING MT-1029/VRC
(FSN 5820-893-1323)
AND
MOUNTING MT-1898/VRC
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TECHNICAL MANUAL
NO. 11-5820-401-35-9
TECHNICAL MANUAL
NAVELEX 0967-432-3130

DEPARTMENTS OF THE ARMY
AND THE NAVY

WASHINGTON, DC, 18 April 1974

**Direct Support, General Support, and Depot Maintenance
Manual Including Repair Parts and Special Tools Lists
MOUNTING MT-1029/VRC (NSN 5820-00-893-1323) AND
MOUNTING MT-1898/VRC (NSN 5820-00-893-1324)**

REPORTING 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 or DA Form 2028 (Recommended Changes to Publications and Blank Forms) direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-ME-MP, Fort Monmouth, New Jersey 07703-5000.

For Navy, mail comments to the Commander, Space and Naval Warfare Systems Command, ATTN: SPAWAR 8122, Washington, DC, 20363-5100.

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

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* This manual supersedes so much of TM 11-5820-401 -35, 2 May 1962, including all changes, as pertains to Mounting MT-1029/VRC and Mounting MT-1898/VRC.

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CHAPTER 1

INTRODUCTION

1-1. Scope

a. This manual covers direct support (DS) and depot maintenance of Mounting MT-1029/VRC (chapter 2 and appendix B) and Mounting MT-1898/VRC (chapter 3 and appendix B).

b. Operation, operator and organizational maintenance, and organizational repair parts are provided in AN/VRC-12 series radio manuals.

1-2. Maintenance Forms, Records, and Reports

a. Reports of Maintenance and Unsatisfactory Equipment. Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA Pam 738-750, as contained in Maintenance Management Update. Navy personnel will report maintenance performed utilizing the Maintenance Data Collection Subsystem (MDCS) IAW OPNAVINST 4790.2, Vol 3 and unsatisfactory material/conditions (UR submission) IAW OPNAVINST 4790.2, Vol 2, chapter 17.

b. Report of Packaging and Handling Deficiencies. Fill out and forward SF 364 (Report of Discrepancy (ROD)) as prescribed in AR 735-11-2/DLAR 4140.55/NAVMATINST 4355.73B/AFR 400-54/MCO 4430.3H.

c. Discrepancy in Shipment Report (DISREP) (SF 361). Fill out and forward Discrepancy in Shipment Report (DISREP) (SF 361) as prescribed in AR 55-38/NAVSUPINST 4610.33C/AFR 75-18/MCO P4610.19D/DLAR 4500.15.

1-3. Reporting Equipment Improvement Recommendations (EIR)

a. Army. If your equipment needs improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you don't like about the design. Put it on an SF 368 (Quality Deficiency Report). Mail it to Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-PA-MA-D, Fort Monmouth, New Jersey 07703-500. We'll send you a reply.

b. Navy. Navy personnel are encouraged to submit EIR's through their local Beneficial Suggestion Program.

1-4. Official Nomenclature and Common Names

a. Official Nomenclature. Official nomenclature followed by (*) indicates all models of the equipment; thus—

(1) Receiver-Transmitter, Radio RT-246(*)/VRC represents RT-246/VRC and RT-246A/VRC.

(2) Receiver-Transmitter, Radio RT-524(*)/VRC represents RT-524/VRC and RT-524A/VRC.

(3) Receiver, Radio R-442(*)/VRC represents R-442/VRC and R-442A/VRC.

b. Common Names. The following common names are used to represent the indicated equipment:

Item	Common name	Publication
Radio Sets AN/VRC-12 and AN/VRC-43 through AN/VRC-49.	AN/VRC-12 series radios.	TM 11-5820-401-10-1 TM 11-5820-401-10-2 TM 11-5820-401-20-1 TM 11-5820-401-20-2 TM 11-5820-401-34-2-1 TM 11-5820-401-34-2-2 TM 11-5820-401-34-3

<i>Item</i>	<i>Common name</i>	<i>Publication</i>
Receiver-Transmitter, Radio RT-246(*)/VRC or RT-524(*)/VRC.	Receiver-transmitter.	TM 11-5820-401-10-1 TM 11-5820-401-10-2 TM 11-5820-401-20-1 TM 11-5820-401-20-2 TM 11-5820-401-34-2-1 TM 11-5820-401-34-2-2 TM 11-5820-401-34-3

CHAPTER 2

MOUNTING MT-1029/VRC

Section I. CIRCUIT FUNCTIONING

2-1. Purpose and Use

(figs. 2-1 and 2-2)

a. Mounting MT-1029/VRC (fig. 2-1) is used as a radio mount for receiver-transmitters of the AN/VRC-12 series radios and for Amplifier-Power Supply Groups OA-3633/GRC and OA-3633A/VRC which are part of Radio Sets AN/VRC-53, AN/VRC-64, AN/GRC-125, and AN/GRC-160 (TM 11-5820-498-12).

b. The MT-1029/VRC provides physical support for the radio mounted on it. Four connectors on the mounting provide connection of the passage of power and of signal and control voltages between the radio connected to one connector (J24) and the equipment connected to the other three connectors (J21, J22, and J23).

c. Figure 2-2 shows typical applications of the MT-1029/VRC in various radio configurations.

2-2. Circuit Functioning

(fig. 2-3)

a. General.

(1) Main power receptacle J21 provides connection to direct current (dc) power source used by the radio connected to radio receptacle J24, the equipment connected to power/audio/control receptacle J22, and the mounting connected to power transfer receptacle J23.

(2) Power/audio/control receptacle J22 provides connection for the passage of dc power, audio signals, and control signals between the equipment connected to J22 and the equipment connected to radio receptacle J24.

(3) Power transfer receptacle J23 provides connection to another mounting for passage of dc power between J21 and J24. A muting circuit functions when a MT-1898/VRC with R-442(*)/VRC is connected to J23 (B, fig. 2-2).

(4) Radio receptacle J24 provides connection

to the radio (para 2-1a) mounted on the MT-1029/VRC to provide passage of dc power, audio signals, and control signals between J24 and J22 and J23.

b. Power Distribution. The dc power is nominally 25.5 volts with a range between 22 and 30 volts capable of operating the equipment connected to the MT-1029/VRC.

(1) Dc power at pin B of main power receptacle J21 is applied to pins B of J22, J28, and J24.

(2) The position of the link on TB21 will determine further distribution of dc power between main power receptacle J21 and receptacles J22, J23, and J24.

(a) When the link is positioned between E22 and E29, dc power is controlled by the Amplifier, Audio Frequency AM-1780/VRC (TM 11-5820-401-35-4) connected to J22. The AM-1780/VRC is part of Intercommunication Set AN/VIC 1(V) (TM 11-5830-340-12). Dc power at pin B of J24 is applied to the radio at J24, and to the AM-1780/VRC at J22. When the AM-1780/VRC MAIN PWR switch is set to OTHER position, dc power is reapplied from pin D of J22 to C of J21, and also through E22, the link, E23, and J of J24 to the radio. When the radio POWER switch is set to ON, the dc power is applied back through C of J24 to C of J22 and J28.

(b) When the link is positioned between E23 and E24, dc power is applied from pin B of J21 to pins B of J22, J23, and J24, and also through the link and E23 to pin J of J24.

c. Muting Circuit. When radio connected to J24 is keyed for transmission, a ground is applied from the keying relay in the radio through pin D of J24 and diode CR21 to pins D of J21 and J28. In a radio receiver connected to J23 (B or C, fig. 2-2), a muting relay is operated by this ground control and mutes the loudspeaker of the radio receiver. Thus, acoustic feedback from the radio receiver loudspeaker to the microphone of the radio transmitter, connected to J24, is prevented.

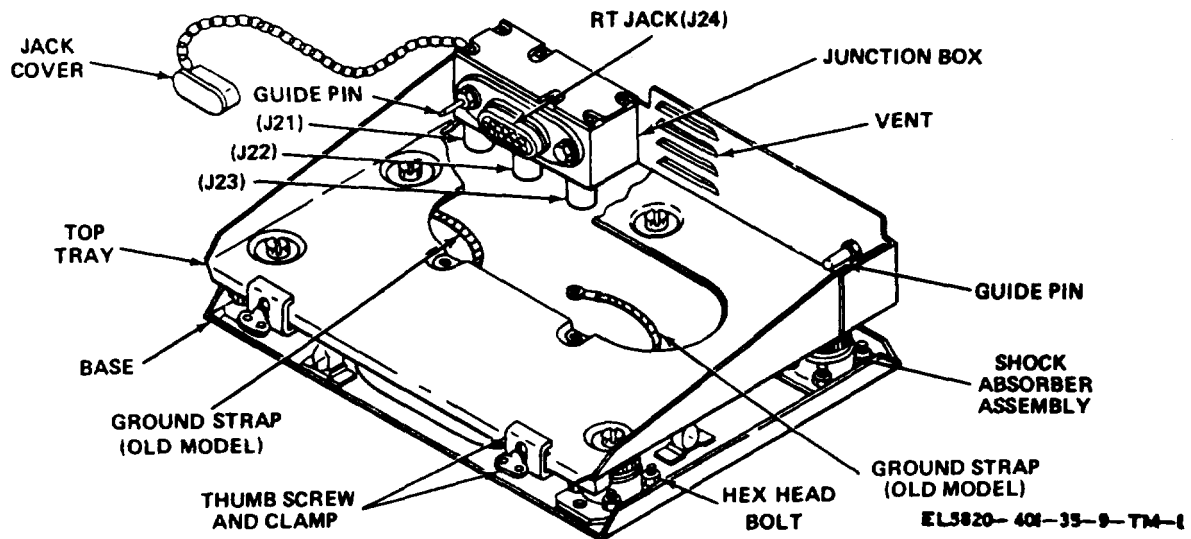


Figure 2-1. Mounting MT-1029/VRC.

The MT-1029/VRC consists of an upper tray and a lower base. They are connected to each other by five bolts and shock absorber assemblies. A grounding strap is connected between the upper tray and lower base to insure good grounding. (Earlier models (before 1973) have two grounding straps.)

The lower base is bolted to the radio shelf of the vehicle. The upper tray has two thumbscrews and clamp assemblies. These lock the RT in place. Two guide pins at the rear of the upper tray aid in holding the RT. They also insure the proper alignment of RT's rear plug (P401) with the mount jack (J24).

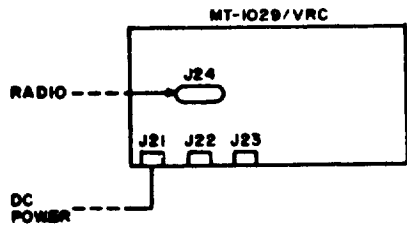
A gasket-sealed junction box (J-box) is at the left side of the MT-1029/VRC rear wall. The RT jack, J24, is on the front of the J-box. There are three jacks on the bottom. From left to right is a power input jack (J21), an additional equipment convenience jack (J22), and a power outlet jack (J23).

The J-box obtains RT operating voltage (22 to 30 vdc) from the vehicle electrical system at J21 and applies it to the RT at J24. The J-box jacks, J22 and J23, also distribute power, control, and signal voltages between the installed RT and other equipment of the vehicle communication system.

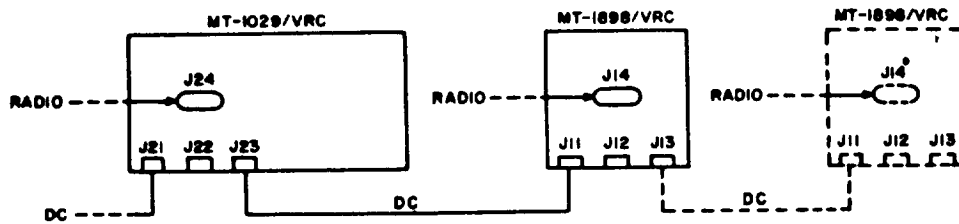
The earlier models have a 100-ampere fuse (as part of the J-box cover) for protection of the vehicle electrical system.

A vent (opening) is at the center of the mount's rear wall. The vent aligns with the installed RT exhaust blower. The vent and the exhaust blower must be kept clear of any obstructions to insure proper cooling of the RT.

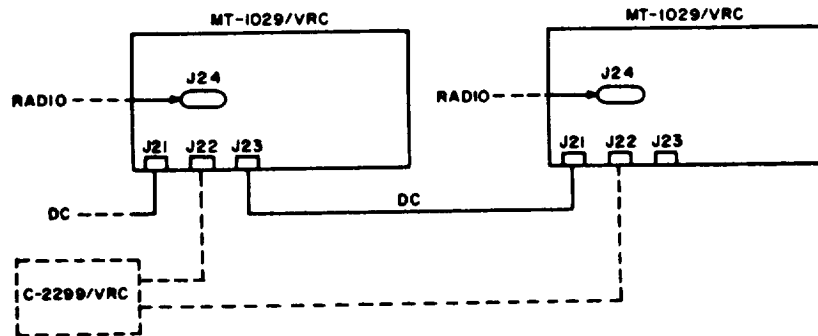
Vinson speech-secure equipment (TSEC/KY-57) can be connected to the RT when interconnecting box J-3513/U is installed between the mount's upper tray and the lower base.



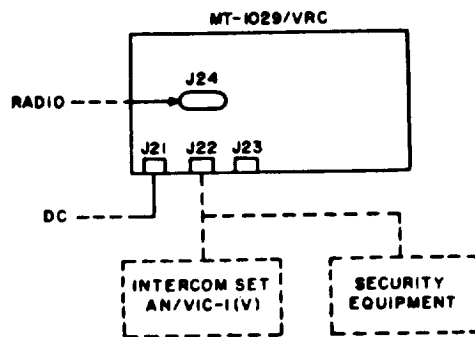
A. MT-1029/VRC FOR AN/VRC-46 (OR AN/VRC-43), AN/VRC-53, AN/VRC-64, AN/GRC-125, AND AN/GRC-160 RADIO CONFIGURATIONS.



B. MT-1029/VRC USED WITH MT-1898/VRC FOR AN/VRC-12 AND AN/VRC-47 RADIO CONFIGURATIONS (SECOND MT-1898/VRC IS USED FOR AN/VRC-44 AND AN/VRC-48 RADIO CONFIGURATIONS).



C. MT-1029/VRC'S USED WITH C-2299/VRC FOR AN/VRC-49 (OR AN/VRC-45) RADIO RETRANSMISSION CONFIGURATIONS.



D. MT-1029/VRC USED WITH AN/VIC-I(V) (OR SECURITY EQUIPMENT) FOR COMMUNICATION ON SAME RADIO CONFIGURATIONS IN A ABOVE.

EL5820-401-35-9-TM-2

Figure 2-2. Mounting MT-1029/VRC system application.

d. Audio and Control Circuits. The remaining circuits between receptacles J22 and J24 perform the functions as shown in figure 2-3.

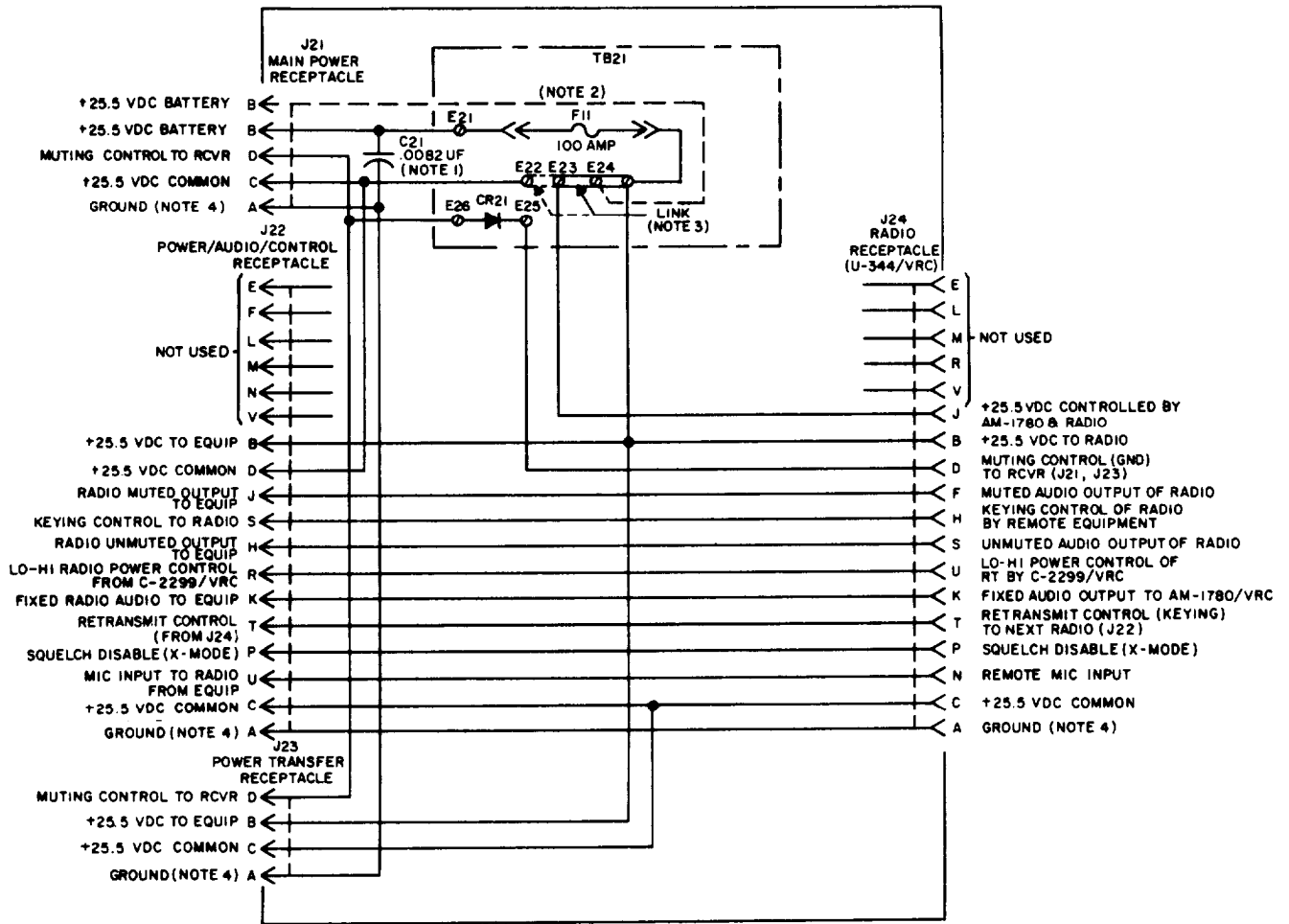
e. Wiring. Figure 2-4 shows the wiring of MT-1029/VRC.

f. Differences in equipment (fig. 2-3 and 2-4).

(1) In equipment procured after 1973, the following equipment changes have been made: Fuse F11 with its terminal board assembly (B, fig. 2-6) is not

provided in the connector assembly cover (A, fig. 2-6). Also the wiring from J21-B is connected directly to E24 instead of E21 (fig. 2-3 and 2-4).

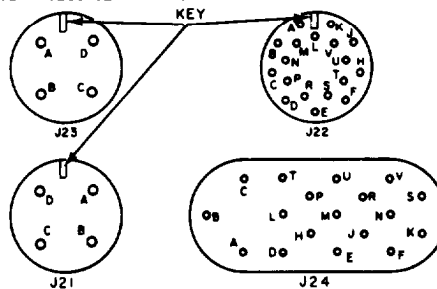
(2) In equipment procured after July 1982, the following equipment changes have been made: TB21 (fig. 2-3, 2-4, and 2-6) has been reconfigured to eliminate the link used to bridge E22 and E23, in the remote position, and E23 and E24, in the direct position. Instead, terminal E23 is moved from the E22 to the E24 position to effect the same mode change.



NOTES:

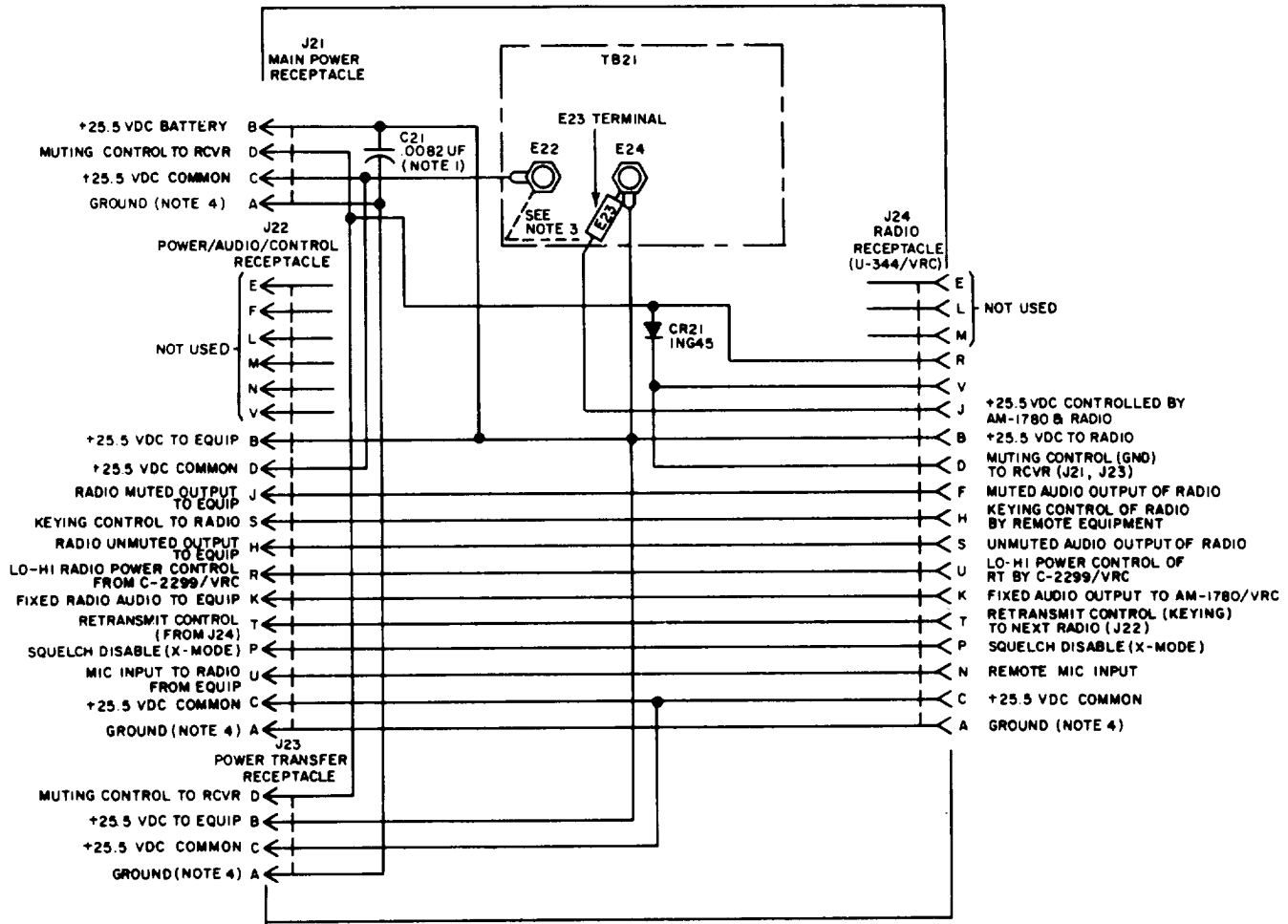
1. IN EARLY UNITS, C21 IS .01 UF
2. E21 AND F11 ARE NOT PROVIDED IN UNITS PROCURED AFTER 1972.
3. LINK POSITIONED BETWEEN E22-E23 FOR DC POWER CONTROL BY AM-1780/VRC AND BETWEEN E-23 - E-24 TO APPLY DC POWER DIRECT TO RADIO.
4. MOUNTING CHASSIS NOT CONNECTED TO GROUND WIRE.
5. RECEPTACLES J21 THRU J24 VIEWED FROM OUTSIDE THE MOUNT.

FOR UNITS PRODUCED PRIOR TO JULY 1982



EL5820-401-35-9

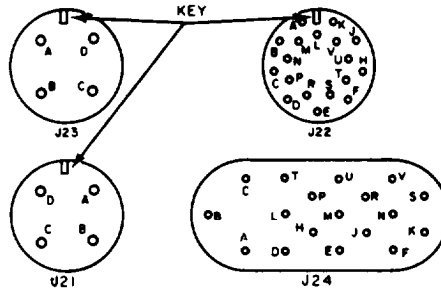
Figure 2-3. Mounting MT-1029/VRC, schematic diagram (Sheet 1 of 2).



NOTES:

1. IN EARLY UNITS, C21 IS .01 UF
2. NOT USED.
3. CONNECT TERMINAL E23 ON E22 FOR DC POWER CONTROL BY AM-1780/VRC AND ON E24 FOR DC POWER DIRECT TO RADIO.
4. MOUNTING CHASSIS NOT CONNECTED TO GROUND WIRE.
5. RECEPTACLES J21 THRU J24 VIEWED FROM OUTSIDE THE MOUNT.

FOR UNITS PRODUCED AFTER TO JULY 1982



EL5820-401-35-9

Figure 2-3. Mounting MT-1029/VRC, Schematic Diagram (Sheet 2 of 2).

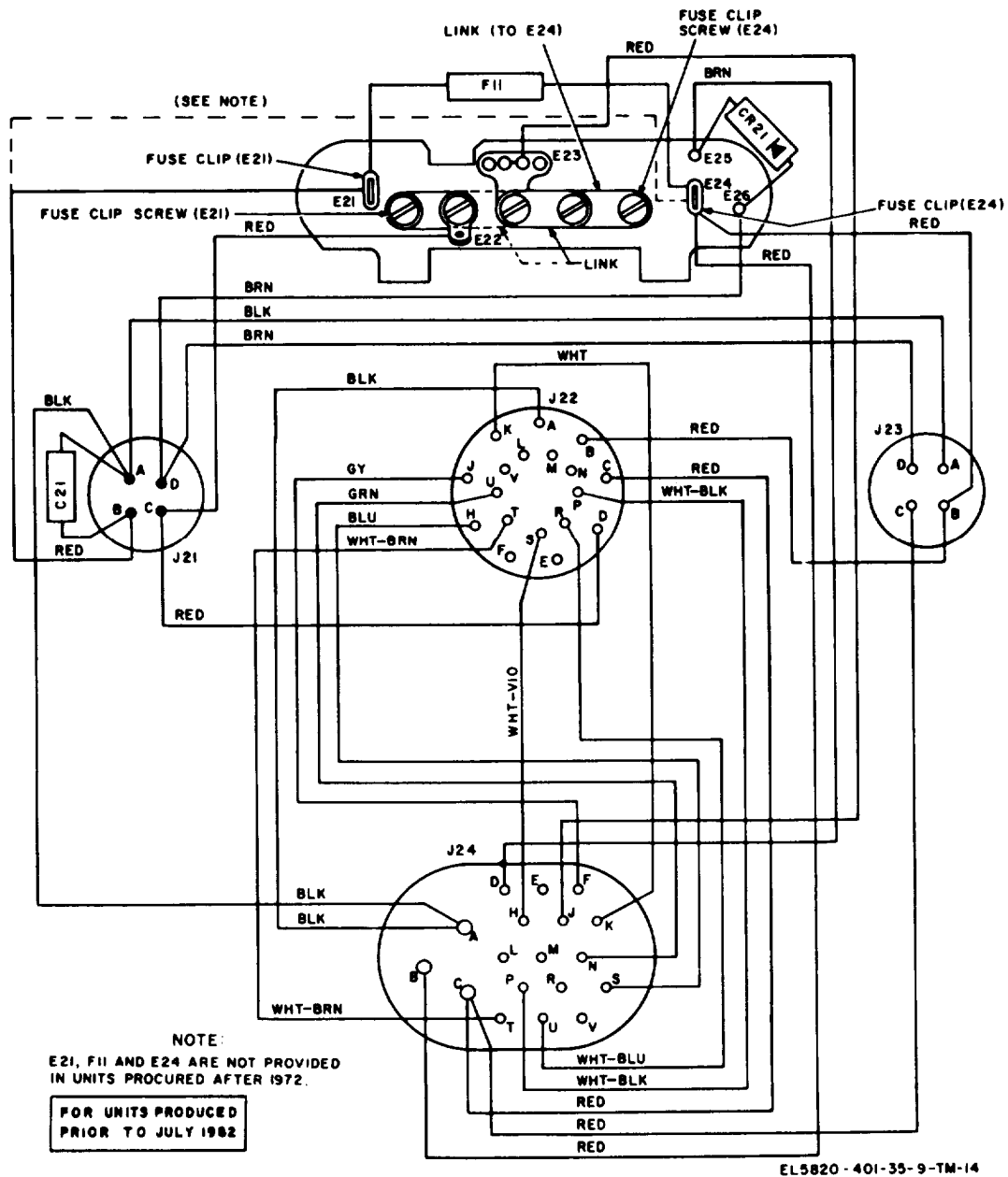


Figure 2-4. Mounting MT-1029/VRC, wiring diagram (Sheet 1 of 2).

Section II. DIRECT SUPPORT MAINTENANCE

2-3. Scope of Direct Support Maintenance

a. DS maintenance of the MT-1029/VRC includes troubleshooting (para 2-4), repairing (para 2-5), physical inspection (para 2-6), and performance tests (para 2-7).

b. The following equipment is required for maintenance:

- (1) Multimeter TS-352B/U.
- (2) Tool Kit, Electronic Equipment TK-100/G.

24. Troubleshooting

Use Multimeter TS-352B/U, adjusted to measure ohms (X1 scale), to make continuity measurements (0 ohm). Refer to figures 2-3 and 2-4 for circuit details, and to figures 2-6 and 2-6 for parts location. Refer to appendix B for repair parts.

NOTE

Pins A of connectors J21 through J24 are not connected to MT-1029/VRC chassis.

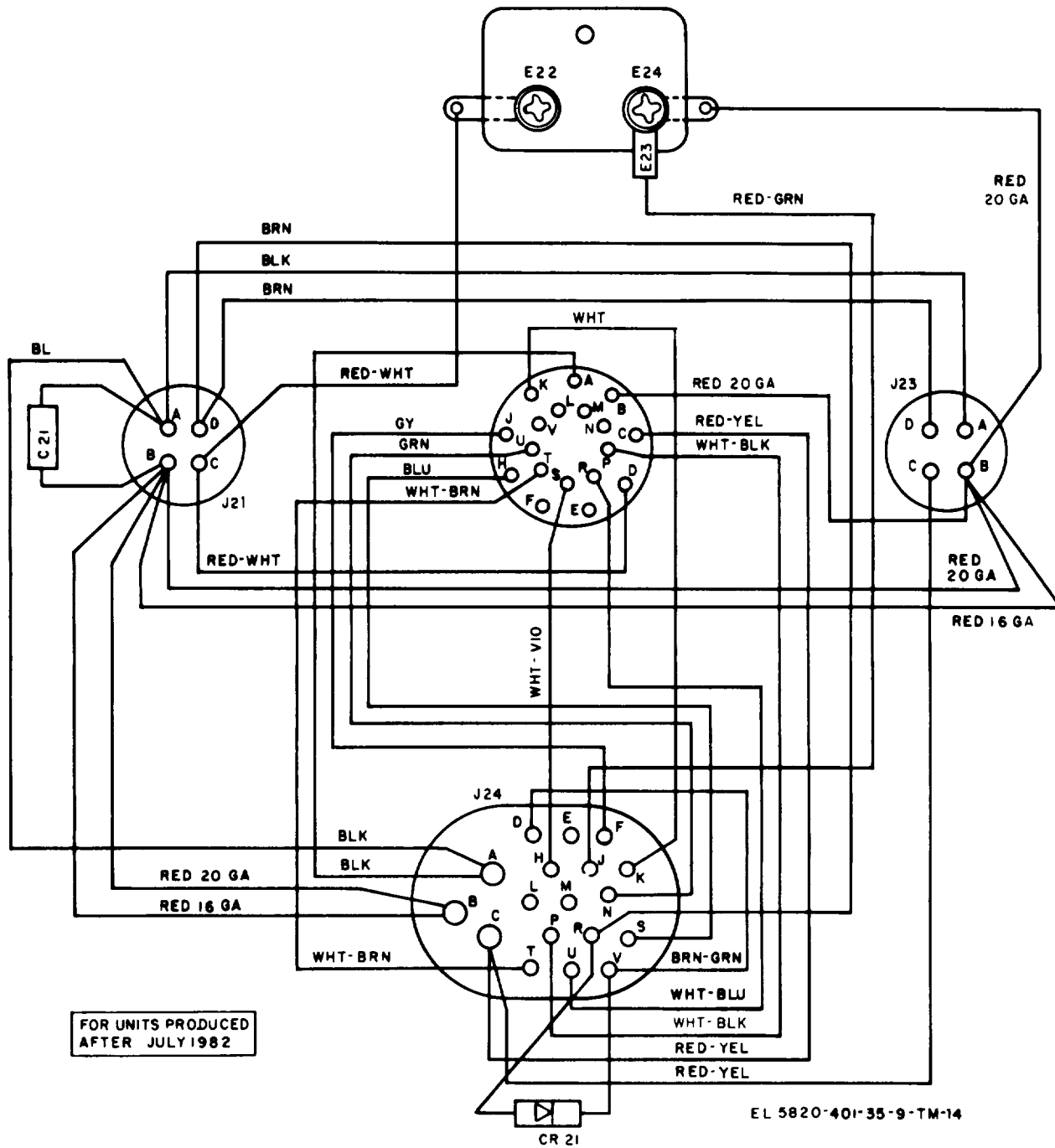


Figure 2-4. Mounting MT-1029/VRC, wiring diagram (Sheet 2 of 2).

Symptom	Problem cause	Correcting measure
Dc power is not applied to radio.		
a. Continuity is not obtained between J21-B and J24-B.	a. Fuse F11 defective or fuse stud not touching spring clip receptacle E21 or E24.	a. Remove connector assembly cover, bend each fuse stud slightly, replace cover and recheck continuity. If none is obtained, remove TB21 mounting screw, pry up TB21, and slightly close fuse contact clips under E21 and E24 screws. Replace TB21 and connector assembly cover; recheck continuity.
b. In equipment not provided with fuse assembly (A, fig. 2-8), continuity is not measured between J21-B and J24-B.	b. Wiring between J21-B and E24 is defective.	b. Higher maintenance repair required.
c. When power is controlled by radio installed on the MT-1029/VRC, continuity is not measured between J21-B and J24-J.	c. The link in connector box is not connected between E23 and E24.	c. Connect the link between E23 and E24.
d. When power is controlled by the AM-1780/VRC connected to the MT-1029/VRC, continuity is not measured between J21-C and J24-J.	d. The link in connector box is not connected between E22 and E23.	d. Connect the link between E22 and E23.
Dc power is not applied to a radio connected to J23.		
a. Continuity is not measured between J21-B and J23-B.	a. Defective wiring.	a. Higher maintenance repair required.
b. Continuity is not measured between J23-C, J22-C, and J24-C.	b. Defective wiring.	b. Higher maintenance repair required.
The through-circuits between J24 and J22 fail to function (for example: J22-J and J24-F).	Defective wiring.	Higher maintenance repair required.
The audio output of a radio connected to J23 is not muted when the radio connected to J24 is keyed for transmission.	Defective diode CR21.	Check forward (15 ohms, approx) and reverse resistance (1,000 mego) of CR21 by measuring between J24-D and J29-D. If required indications are not obtained, higher maintenance repair required.

2-5. Repairs

(figs. 2-1 and 2-5)

Repair parts are listed in appendix B.

a. Resilient Mounts. The resilient mounts should be replaced when they show signs of deterioration (rubber type) or if the radio is not rigid on its mount, or moves up, down or sideways excessively. All mounts should be of the same type (stainless steel mesh or rubber); do not mix the types.

(1) Separate the top tray from the base after removing the ground leads connection to the top tray.

(2) Install the replacement resilient mount (s) and position the flat side of the resilient mounts as shown in B, figure 2-5.

(3) Install the top tray and reconnect the ground leads.

b. Ground Lead. Replace the ground lead when it is separated from either of its terminals. Install the larger terminal under the nut on the bottom tray and the smaller terminal under the screw and lockwasher on the top tray.

c. Inspection and Performance Tests. After repair, inspect the equipment (para 2-6) and check the performance of the mounting (para 2-7).

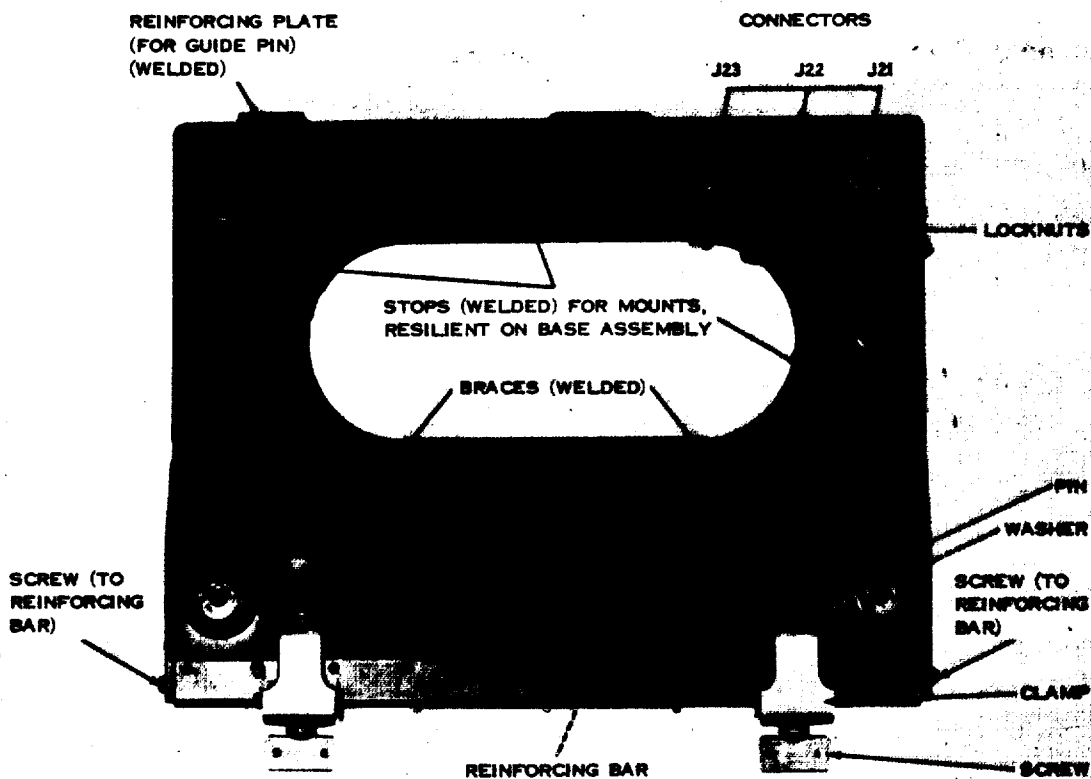
2-6. Physical Inspection

(figs. 2-1, 2-5, and 2-6)

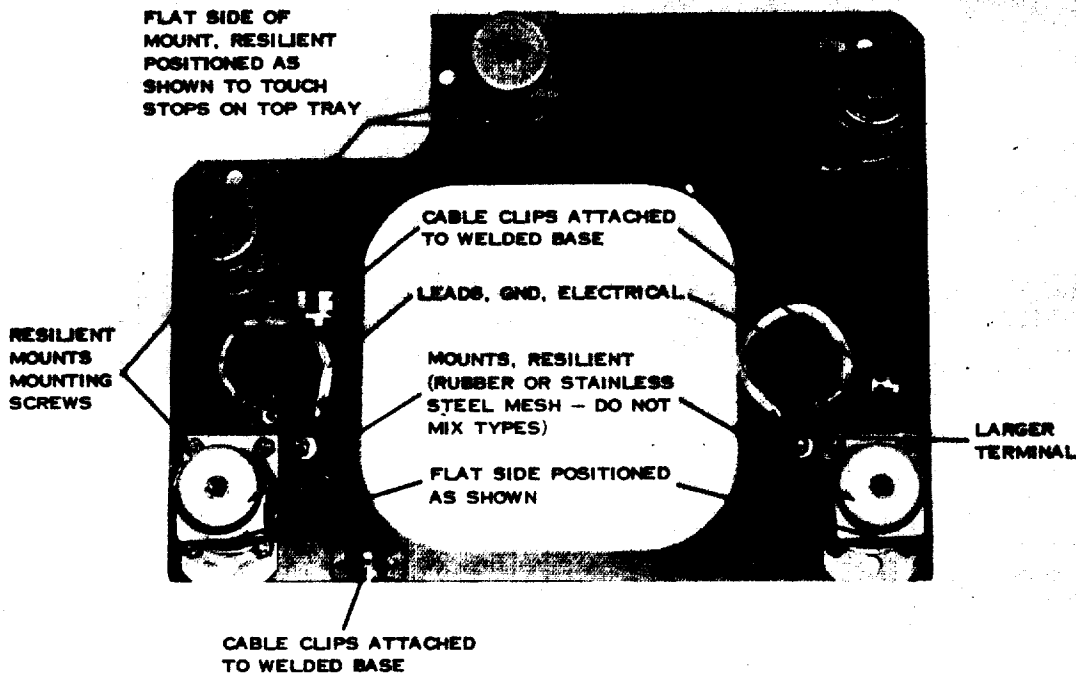
a. All parts should be in place as shown in

figures 2-1, 2-5, and 2-6

b. All screws and nuts should be tight.



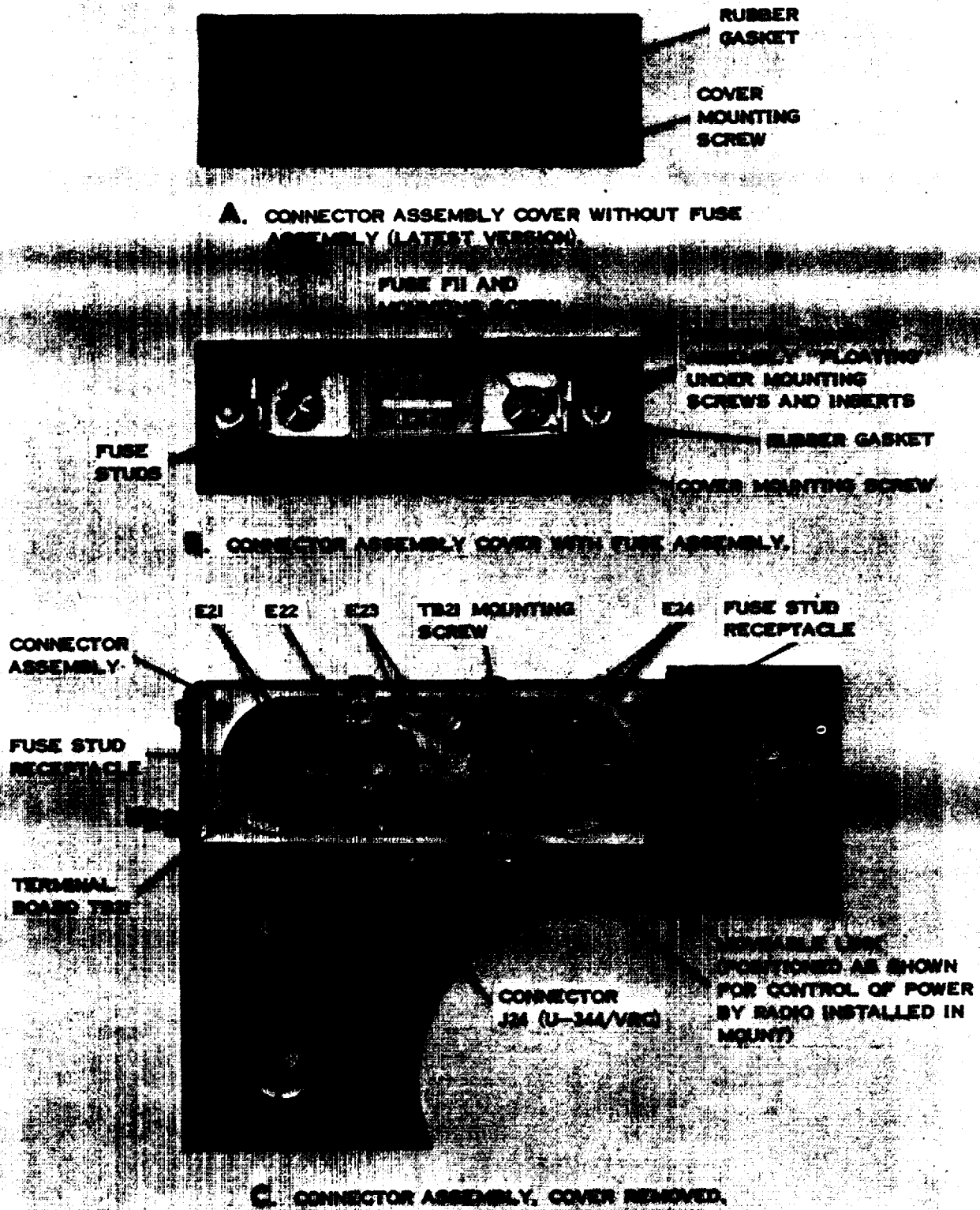
A. TRAY ASSEMBLY (TOP TRAY).



B. MOUNTING ASSEMBLY (BASE).

EL5820-401-35-9-TM-5

Figure 2-5. MT-1029/VRC, tray assembly and mounting assembly, parts location.



EL5820-401-35-9-TM-6

Figure 2-6. MT-1029/VRC, connector assembly with cover removed, parts location.

c. The ground lead is intact and secured to the two assemblies.

d. All reinforcing plates and bar are in place and all welds are intact.

e. On connectors J21, J22, and J23, observe the following:

- (1) The locknuts are tight.

NOTE

On newly-issued mounting, a dust cover should be on each connector.

- (2) The connectors do not appear to be damaged.

(a) The pins are clean and there is no evidence of damage to the pins from corrosion or electrical arcing.

(b) The plastic body in which the pins are embedded does not appear to be cracked or split.

(c) The threads of the screw studs in the middle of the connector do not appear to be stripped.

f. All surfaces are painted (or spot-painted (para 2-8)) except:

- (1) Connectors J21 through J24.
- (2) Resilient mounts.
- (3) Clamps and screws.
- (4) Ground leads.
- (5) Cable clips.

g. The drain holes are not blocked up.

h. The surfaces are clean; all dirt and grease are removed.

2-7. Performance Tests

The following continuity tests check the performance of all circuits in the MT-1029/VRC. Use Multimeter TS-352B/U for the measurements and

connect the leads to indicated connector/pin of the MT-1029/VRC. Continuity (0 ohm) should be obtained except as otherwise indicated in *Remarks* column.

Test	TS-352B/U connections -DC±AC		Remarks
	OHMS lead to connector/pin	OHMS lead to connector/pin	
1. Fuse*	J21-B	J23-B	
2. Diode	J21-D	J24-D	1,000 mego
	J23-D	J24-D	1,000 mego
	J24-D	J23-D	15 ohms (approx)
3. Capacitor	J21-A	J21-B	Infinity
4. Ground	J21-A	J22-A	
	J21-A	J22-A	
	J21-A	J24-A	
5. Link	J24-J	J21-C	When link (fig. 2-6) is positioned between E22 and E23.
	J24-J	J22-D	
6. Harness	J24-J	J24-B	When link is positioned between E23 and E24.
	J24-B	J22-B	
	J24-C	J22-C	
	J24-F	J22-J	
	J24-H	J22-S	
	J24-K	J22-K	
	J24-N	J22-U	
	J24-P	J22-P	
	J24-S	J22-H	
	J24-T	J22-T	
J24-U	J22-R		
	J24-C	J23-C	

*In equipment not provided with the fuse (fig. 2-3), the same indication is obtained.

2-8. Touchup Painting

Remove rust and corrosion from metal surfaces by lightly sanding them with fine sandpaper. Brush two thin coats of paint on the bare metal to protect it from further corrosion. Refer to applicable painting and refinishing instructions in SB 11-573.

Section III. DEPOT MAINTENANCE

2-9. Scope of Depot Maintenance

Depot maintenance of the MT-1029/VRC includes the same functions and equipment assigned to direct support maintenance (para 2-3 through 2-8) with the added functions of complete repair, and rebuild and overhaul as required. Repair parts are listed in appendix B.

2-10. Depot Overhaul Standards

a. *Applicable References.*

(1) *Repair standards.* Applicable procedures of the depots performing the tests and general standards for repaired electronic equipment given in TB SIG 355-1, TB SIG 355-2, and TB SIG 355-3 form a part of the requirements for testing the MT-1029/VRC.

(2) *Modification work orders.* Perform all modification work orders (MWO'S) applicable to the MT-1029/VRC before making the tests.

b. Equipment Required. The required equipment is listed in paragraph 2-3b.

c. Physical Inspection. Use the procedures given in paragraph 2-6.

d. Performance Tests. Use the procedures given in paragraph 2-7.

CHAPTER 3

MOUNTING MT-1898/VRC

Section I. CIRCUIT FUNCTIONING

3-1. Purpose and Use

(figs. 3-1 and 3-2)

a. Mounting MT-1898/VRC is used as a radio mount for Receiver, Radio R-442(*)/VRC which is part of Radio Sets AN/VRC-12, AN/VRC-44, AN/VRC-47, and AN/VRC-48.

b. The MT-1898/VRC provides physical support for the R-42(*)/VRC. Four connectors on the mounting provide connection for the passage of power, and of signal and control voltages between the R-422(*)/VRC connected to J14 and the equipment connected to the other connectors (J11, J12, and J13).

3-2. Circuit Functioning

(fig. 3-2 and 3-3)

a. General.

(1) Main power receptacle J11 provides connection to direct current (dc) power source used by the R-442(*)/VRC connected to radio receptacle J13, and by the equipment connected to power transfer receptacle J13. A muting circuit functions between the radio installed on the MT-1029/VRC and the R-442(*)/VRC connected to J14.

(2) Audio/control receptacle J12 provides connection for passage of audio signals and control signals between the equipment connected to J22 and the R-442(*)/VRC connected to radio receptacle J14.

(3) Power transfer receptacle J13 provides connection to another MT-1898/VRC for the passage of dc power between J11 and J13. A muting circuit also functions between the radio installed on the MT-1029/VRC and the second MT-1898/VRC connected to J13.

b. Power Distribution. The dc power is nominally 25.5 volts with a range between 22 and 30

volts capable of operating the equipment connected to the MT-1898/VRC.

(1) Dc power at pin B of J11 is applied through E14 to pin B of J13.

(2) The position of the link on TB11 will determine further distribution of dc power between receptacle J11 and receptacles J11, J13, and J14.

(a) When the link is positioned between E12 and E13, dc power is controlled by the radio connected to the MT-1029/VRC (TM 11-5820-401-35-9) and by Amplifier, Audio Frequency AM-1780/VRC, which is part of Intercommunication Set AN/VIC-1(V) (TM 11-5830-340-12). This is arranged by having the MT-1029/VRC link (having the identical function as the one in the MT-1898/VRC) positioned for dc power control by the radio and AM-1780/VRC. Under this arrangement, after dc power is turned on at the AM-1780/VRC and the radio connected to the MT-1029/VRC, dc power is applied from pin C of J11, E12, the link, and E13 to pin C of J14 to the R-442(*)/VRC; and also from pin C of J11 to Pin C of J13.

(b) When the link is positioned between E13 and E14, dc power is applied directly to the radio. Under this situation, the link in the MT-1029/VRC can be in either of its positions. Under this arrangement, dc power at pin B of J11 is applied through the link, E13, and pin C of J14 to the R-442(*)/VRC.

c. Muting Circuit. When a receiver-transmitter connected to J11 is keyed for transmission, a ground is applied from its keying relay through pins D of J14 and J13. In the R-442(*)/VRC connected to J14 and J13, a muting relay is operated by the ground control and mutes the loudspeaker of the R-442(*)/VRC. Thus, acoustic feedback from the R-442(*)/VRC loudspeaker to the microphone of the receiver-transmitter, connected to J11, is prevented.

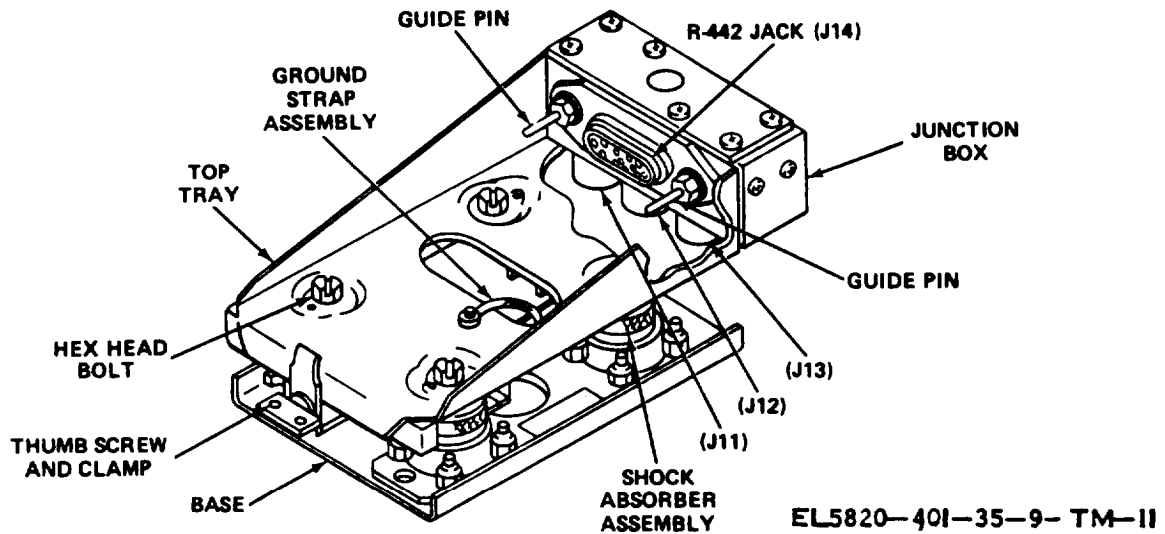


Figure 3-1. Mounting MT-1898/VRC

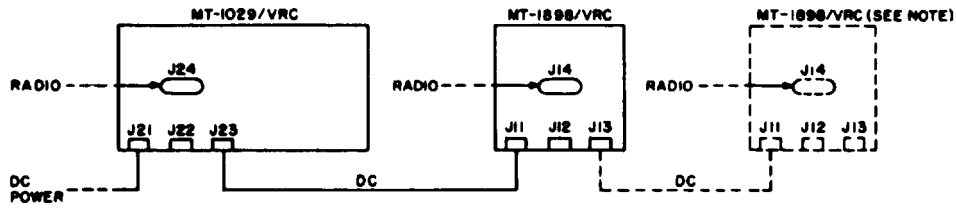
The MT-1898/VRC consists of an upper tray and a lower base. They are connected to each other by four bolts and shock absorber assemblies. A grounding strap is connected between the upper tray and lower base to insure good grounding.

The lower base is bolted to the radio shelf of the vehicle. The upper tray has one thumbscrew and clamp assembly. It locks the R-442 in place. Two guide pins at the rear of the upper tray aid in holding the R-442/VRC. They insure the proper alignment of the R-442/VRC rear plug (P401) with the mount jack (J14).

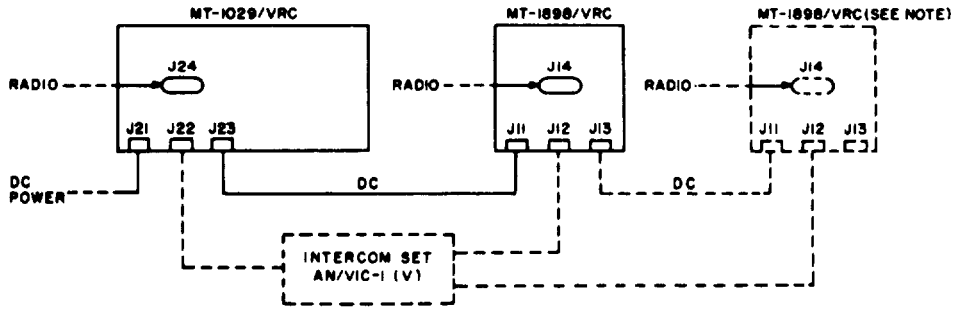
A gasket-sealed junction box (J-box) is at the center of the MT-1898/VRC rear wall. The R-442/VRC jack (J14) is on the front of the J-box. There are three jacks on the bottom. From left to right is a power input jack (J11), an additional equipment convenience jack (J12), and a power outlet jack, (J13).

The J-box obtains operating voltage (22 to 30 vdc) from the A-RT mount through its power input jack (J11). Jacks J12 and J13 also distribute power and signal voltages between the installed R-442/VRC and other equipment of the vehicle's communication system.

Vinson speech-secure equipment (TSEC/KY-57) can be connected to the receiver when inter-connecting box J-3514/U is installed between the mount's upper tray and the lower base.



A. MT-1898/VRC USED WITH MT-1029/VRC FOR AN/VRC-12 AND AN/VRC-47 RADIO CONFIGURATIONS.



B. MT-1898/VRC USED WITH MT-1029/VRC AND AN/VIC-1(V) FOR AN/VRC-12 AND AN/VRC-47 RADIO CONFIGURATIONS.

NOTE:

SECOND MT-1898/VRC IS USED IN AN/VRC-44 AND AN/VRC-48 RADIO CONFIGURATIONS.

EL5820-401-35-9-TM-12

Figure 3-2. Mounting MT-1898/VRC, system application.

d. Audio and Control Circuits. The remaining circuits between receptacles J12 and J14 perform the functions shown in figure 3-3.

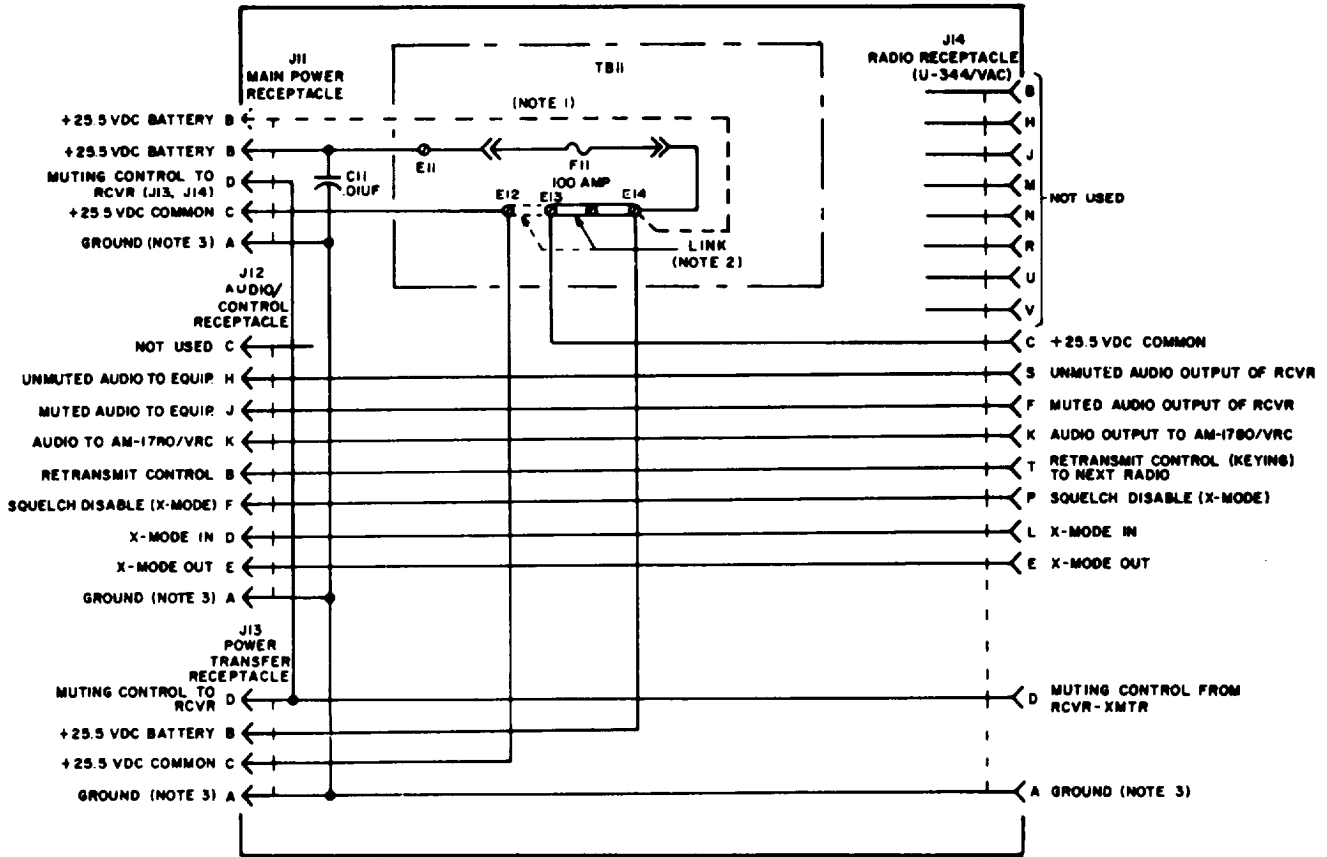
e. Wiring. Figure 3-4 shows the wiring of the MT-1898/VRC.

f. Difference in Equipment. (fig. 3-3 and 3-4).

(1) In equipment procured after 1973, the following equipment changes have been made: Fuse F11 with its terminal board assembly (B, fig. 3-6) is not provided in the connector assembly cover (A, fig. 3-6).

Also the wiring from J11-B is connected directly to E14 instead of E11 (fig. 3-3 and 3-4).

(2) In equipment procured after July 1982, the following equipment changes have been made: TB11 (fig. 3-3, 3-4, and 3-6) has been reconfigured to eliminate the link used to bridge E12 and E13, in the remote position, and E13 and E14, in the direct position. Instead, terminal E13 is moved from the E12 to the E14 position to effect the same mode change.



- NOTES:
1. E11 AND FUSE F11 NOT PROVIDED IN UNITS PROCURED AFTER 1972
 2. LINK POSITIONED BETWEEN E12-E13 FOR DC POWER CONTROL BY AM-1780/VRC; AND BETWEEN E13-E14 TO APPLY DC POWER DIRECT TO RECEIVER
 3. MOUNTING CHASSIS NOT CONNECTED TO GROUND WIRE

4. RECEPTACLES J11 THRU J14 VIEWED FROM OUTSIDE THE MOUNT:

FOR UNITS PRODUCED
PRIOR TO JULY 1982

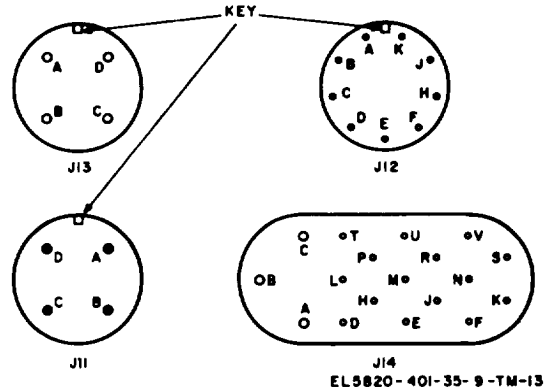
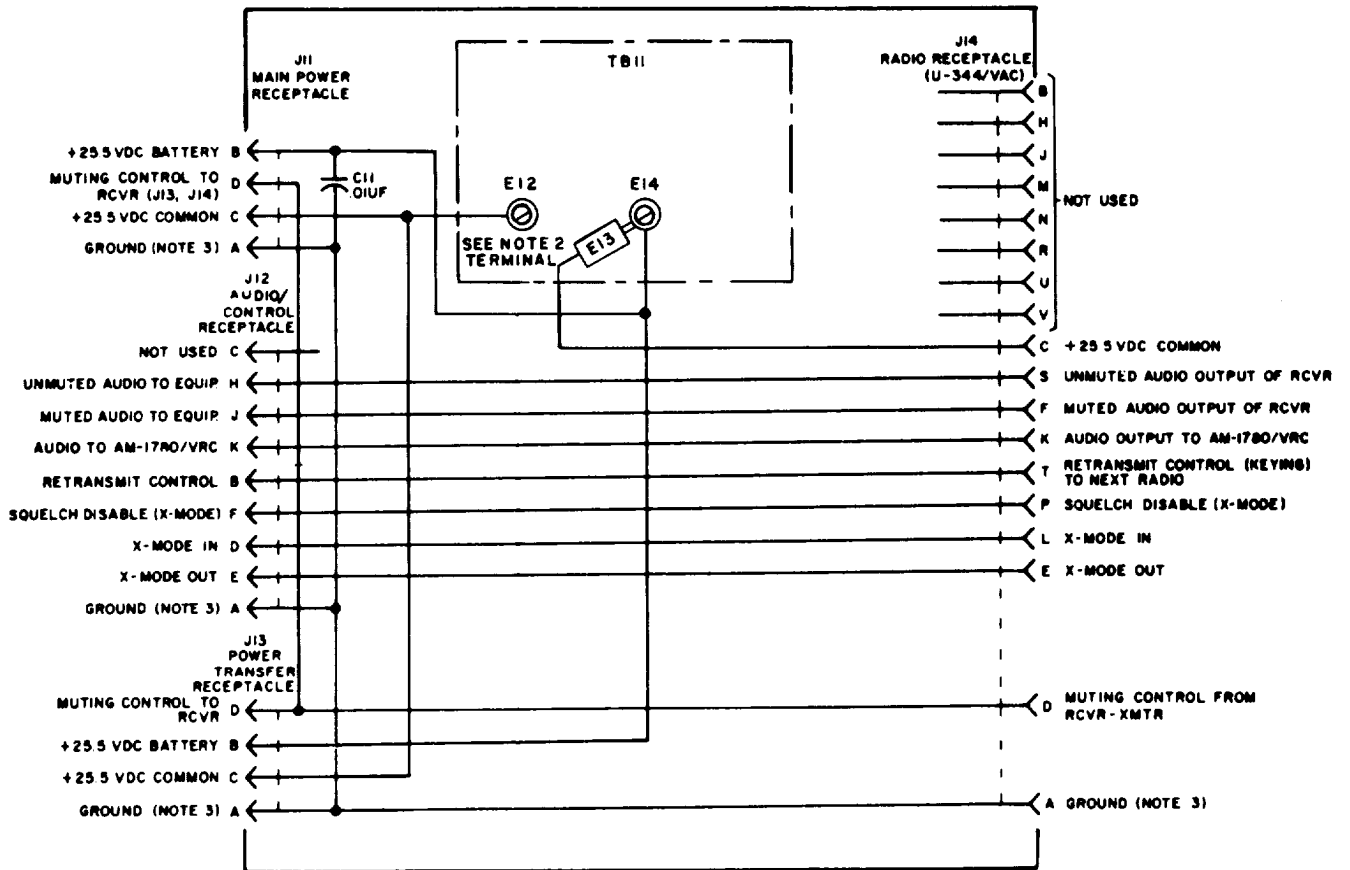


Figure 3-3. Mounting MT-1898/VRC, schematic diagram (Sheet 1 of 2)



- NOTES
1. NOT USED
 2. CONNECT TERMINAL E13 ON E12 FOR DC POWER CONTROL BY AM-1780/VRC AND ON E14 FOR DC POWER DIRECT TO RECEIVER.
 3. MOUNTING CHASSIS NOT CONNECTED TO GROUND WIRE

FOR UNITS PRODUCED
AFTER TO JULY 1982

4. RECEPTACLES J11 THRU J14 VIEWED FROM OUTSIDE THE MOUNT;

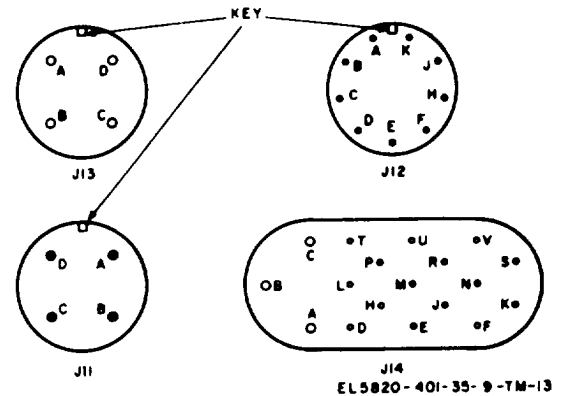


Figure 3-3. Mounting MT-1898/VRC, schematic diagram (Sheet 2 of 2)

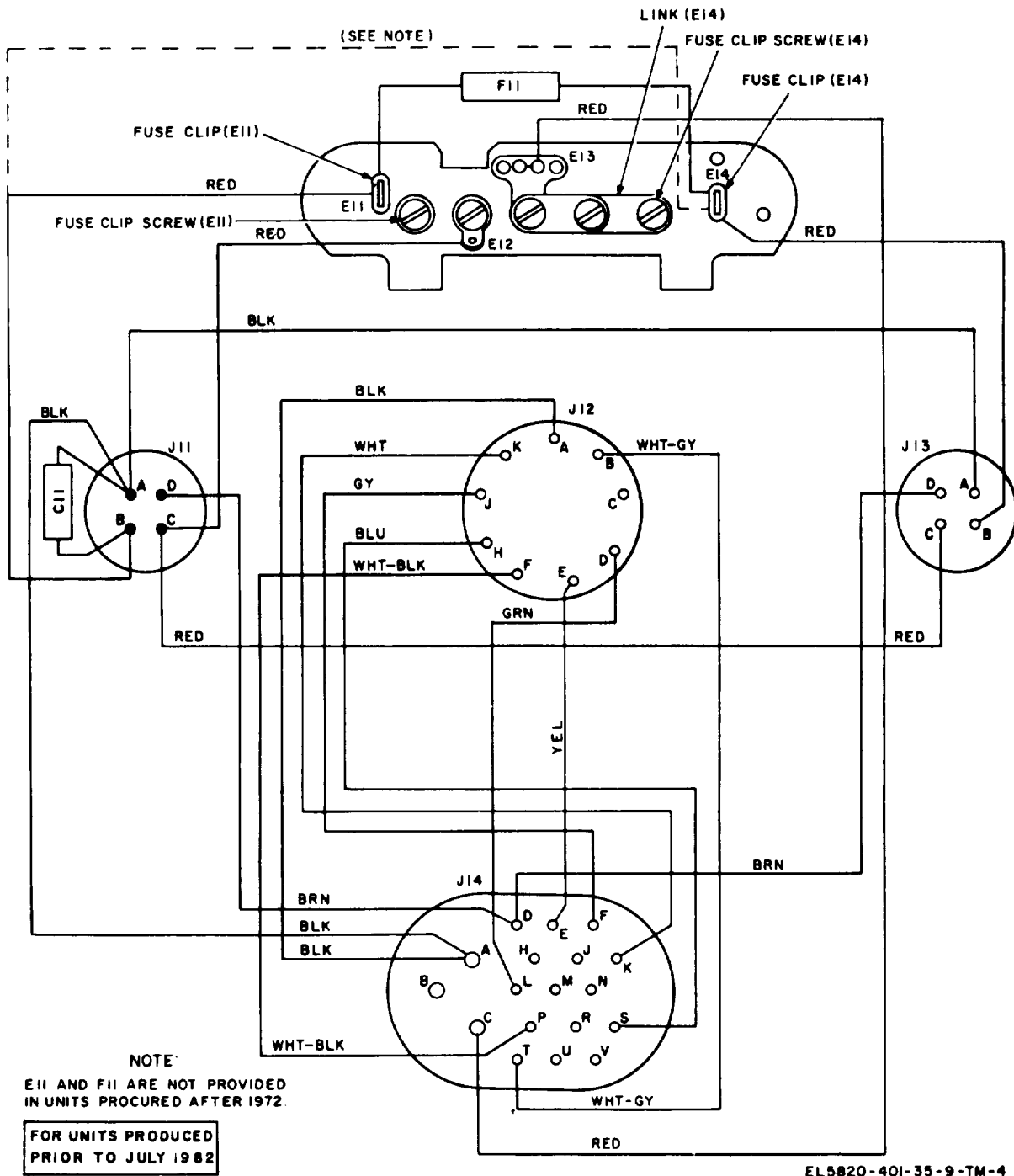
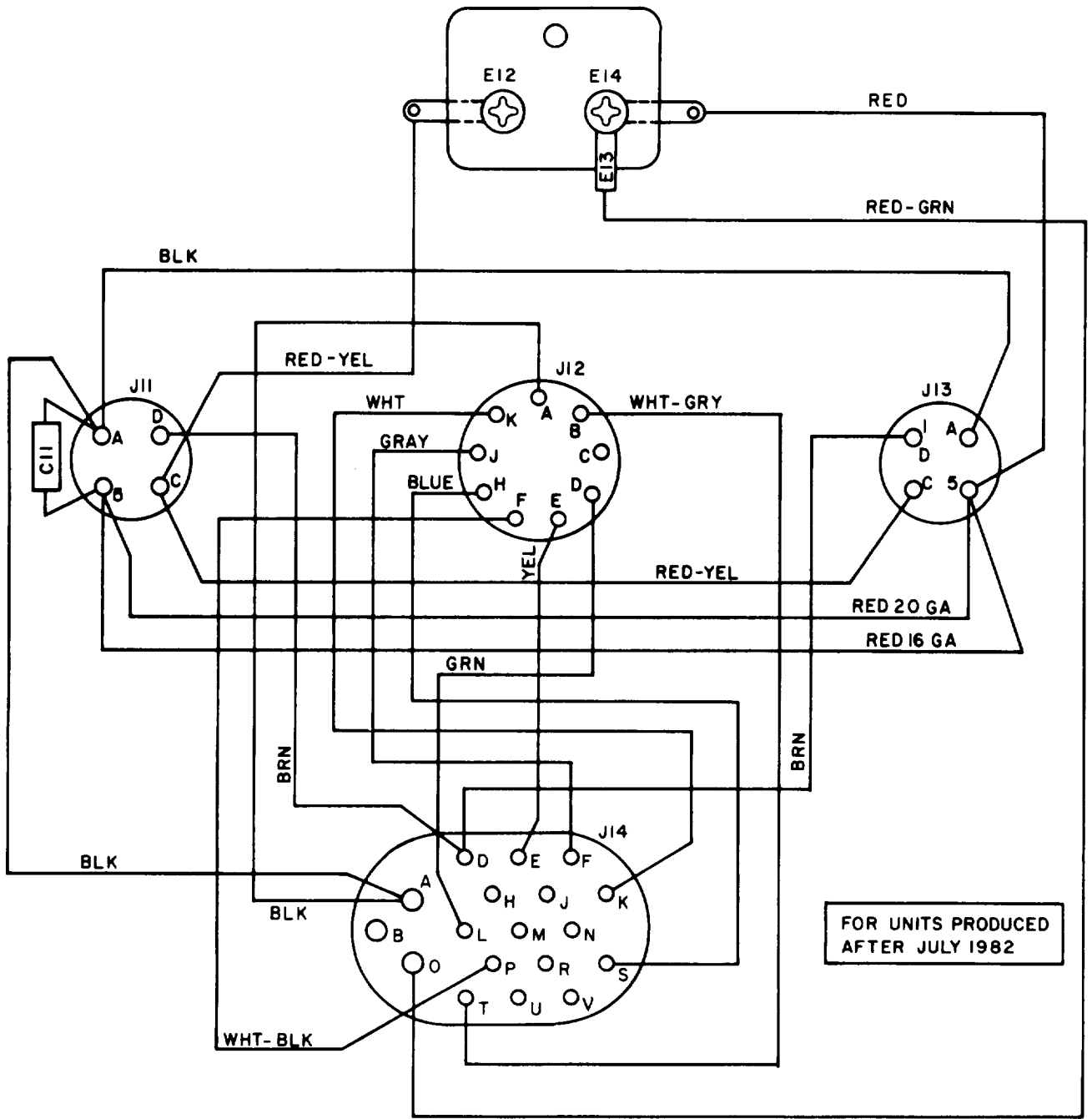


Figure 3-4. Mounting MT-1898/VRC, wiring diagram (Sheet 1 of 2)



EL5820-401-35-9-TM-4

Figure 3-4. Mounting MT-1898/VRC, wiring diagram (Sheet 2 of 2)

Section II. DIRECT SUPPORT MAINTENANCE

3-3. Scope of Direct Support Maintenance

a. DS maintenance of the MT-1898/VRC includes troubleshooting (para 3-4), repairing (para 3-5), physical inspection (para 3-6), and performance tests (para 3-7).

b. The following equipment is required for maintenance:

- (1) Multimeter TS-352B/U.
- (2) Tool Kit, Electronic Equipment TK-100/G.

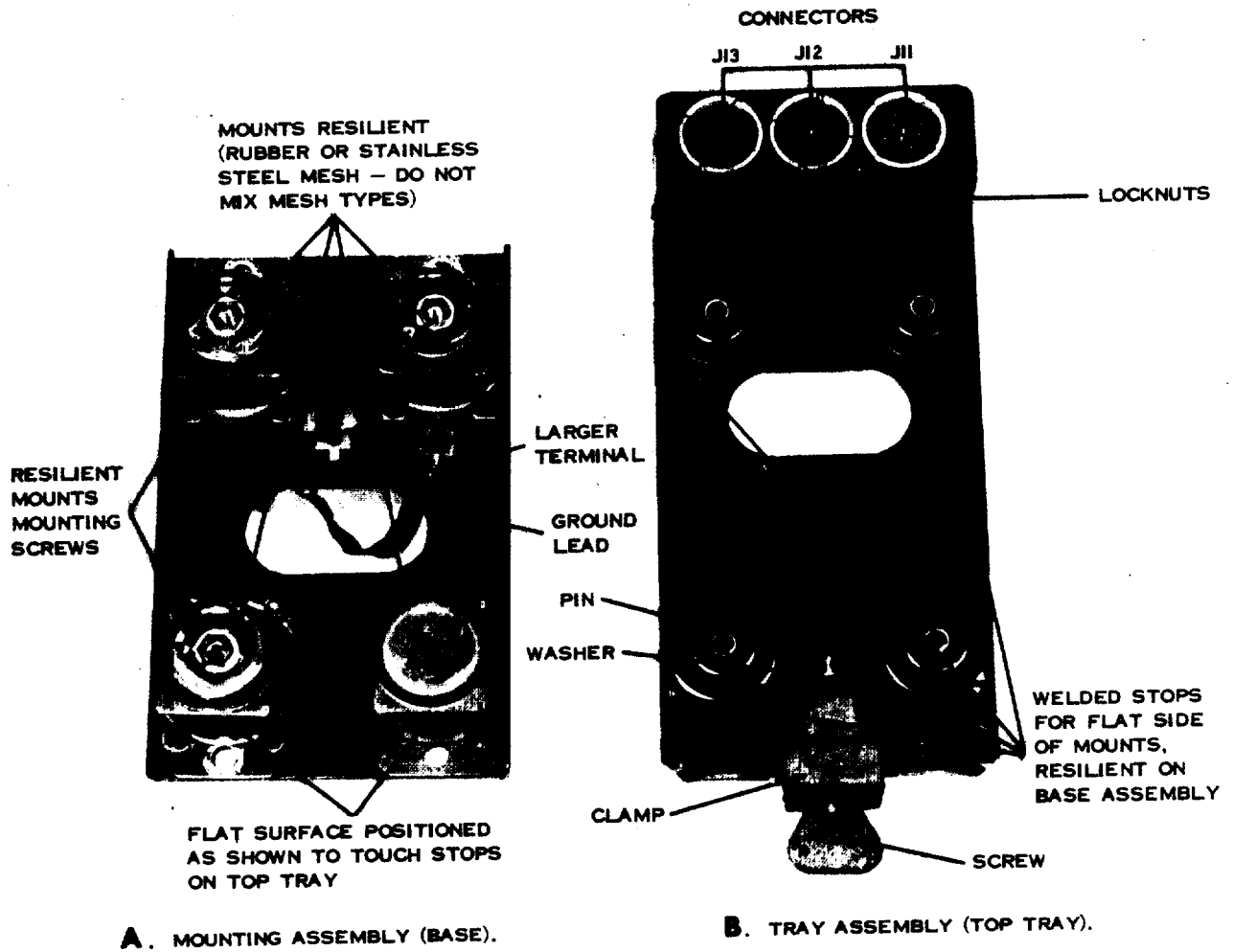
3-4. Troubleshooting

Use Multimeter TS-352B/U, adjusted to measure – ohms (X1 scale), to make continuity measurements (0 ohm). Refer to figures 3-3 and 3-4 for circuit details, and to figures 3-5 and 3-6 for parts location. Refer to appendix C for repair parts.

NOTE

Pins A of connectors J11 through J14 are not connected to MT-1898/VRC chassis.

<i>Symptom</i>	<i>Problem cause</i>	<i>Corrective measure</i>
Dc power is not applied to R-442(*)/VRC.		
a. Continuity is not obtained between J11-B and J13-B.	a. Fuse F11 defective or fuse stud is not touching spring clip receptacle E11 or E12.	a. Remove connector assembly cover, bend each fuse stud slightly, replace cover, and check continuity. If none is obtained, remove TB11 mounting screw, pry up TB11, and slightly close fuse contact clips under E11 and E14 screws. Replace TB11 and connector assembly cover; recheck continuity.
b. In equipment not provided with fuse assembly (A, figure, 3-6), continuity is not measured between J11-B and J13-B.	b. Wiring between J11-B and E14 is defective.	b. Higher maintenance repair required.
c. When power is not controlled by the receiver-transmitter connected to J11, continuity is not measured between J11-C and J14-C.	c. The link in connector box is not connected between E13 and E14 (fig. 3-3).	c. Connect the link between E13 and E14.
d. When power is controlled by the AM-1780/VRC connected to the MT-1029/VRC connected to J11, continuity is not measured between J11-C and J14-C.	d. The link in connector box is not connected between E12 and E13.	d. Connect the link between E12 and E13.
Dc power is not applied to a R-442(*)/VRC connected to J13: Continuity is not measured between J11-B and J13-B or between J11-C and J13-C.	Defective wiring.	Higher maintenance repair required.
The through-circuits between J12 and J14 fail to function (for example: J12-H and J14-S).	Defective wiring.	Higher maintenance repair required.

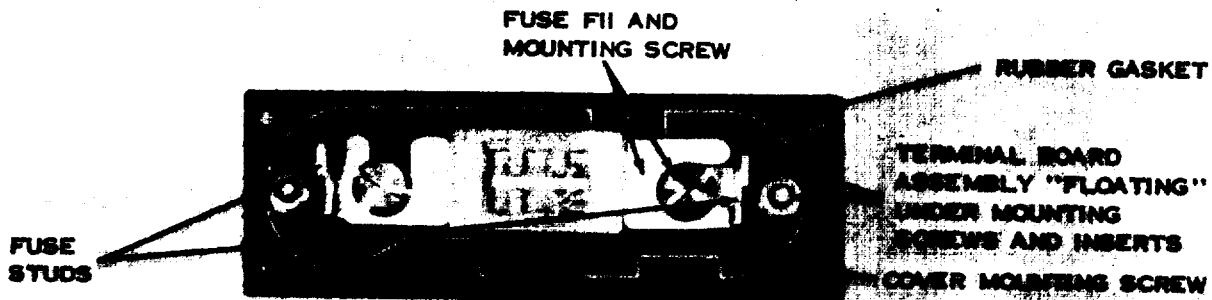


EL5820-401-35-9-TM-15

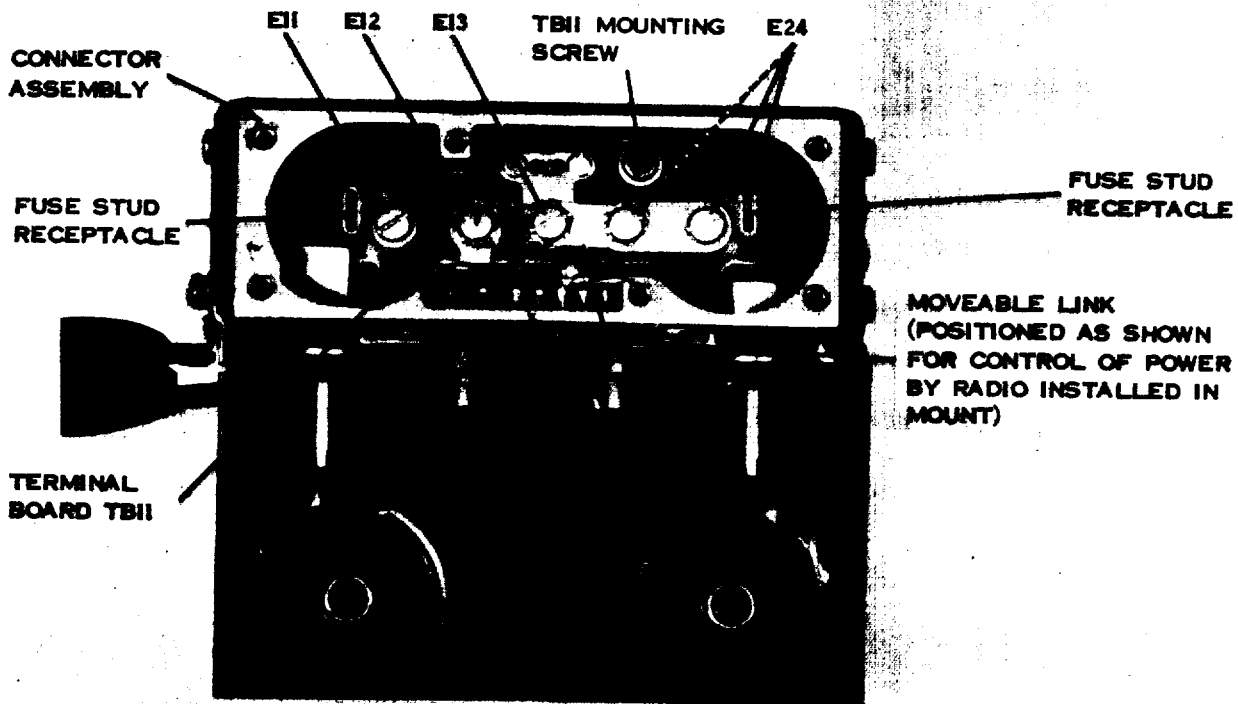
Figure 3-5. MT-1898/VRC, tray assembly and mounting assembly, parts location.



A. CONNECTOR ASSEMBLY COVER WITHOUT FUSE ASSEMBLY (LATEST VERSION).



B. CONNECTOR ASSEMBLY COVER WITH FUSE ASSEMBLY.



C. CONNECTOR ASSEMBLY, COVER REMOVED.

EL5820-401-35-9-TM-16

Figure 3-6. MT-1898/VRC, connector assembly with cover removed, parts location.

3-5. Repairs

(figs. 3-1 and 3-5)

Repair parts are listed in appendix D.

a. Resilient Mounts. Apply the procedures given in paragraph 2-5a and refer to figures 3-1 and 3-5 for parts location.

b. Ground Lead. Apply the procedures given in paragraph 2-5b.

c. Inspection and Performance Tests. After repair, inspect the equipment (para 2-6; use figs. 3-1, 3-5, and 3-6) and check the performance of the mounting (para 3-6).

3-6. Performance Tests

The following continuity tests check the performance of all circuits in the MT-1898/VRC. Use Multimeter TS-352B/U for the measurements connecting the leads to indicated connector/pin of the MT-1898/VRC. Continuity (0 ohm) should be obtained except as otherwise indicated in *Remarks* column.

Test	TS-352B/U connections		Remarks
	OHMS lead to connector/pin	—DC±AC OHMS lead to connector/pin	
1. Fuse*	J11-B	J13-B	
2. Capacitor	J11-A	J11-B	
3. Ground	J11-A	J12-A	
	J11-A	J13-A	
	J11-A	J14-A	
4. Link	J14-C	J11-C	When link is positioned between E12 and E13 fig. 3-6).
	J14-C	J13-C	
5. Harness	J14-C	J11B	When link is positioned between E13 and E14.
	J14-D	J11-D	
	J14-D	J13-D	
	J14-E	J12-E	
	J14-F	J12-J	
	J14-K	J12-K	
	J14-L	J12-D	
	J14-P	J12-F	
	J14-S	J12-H	

* In equipment not provided with fuse (fig. 3-3), the same indication is obtained.

3-7. Touchup Painting

Refer to paragraph 2-8 for information on this subject.

Section III. DEPOT MAINTENANCE

3-8. Scope of Depot Maintenance

Depot maintenance of the MT-1898/VRC include the same functions and equipment assigned to direct support maintenance (para 3-3 through 3-7) with the added functions of complete repair, and rebuild and overhaul as required. Repair parts are listed in appendix B.

3-9. Depot Overhaul Standards

a. Applicable References. Refer to paragraph 2-10 for information on this subject,

b. Equipment Required. The required equipment is listed in paragraph 3-3b.

c. Physical Inspection. Use the procedures given in paragraph 2-6; use figures 3-1, 3-5, and 3-6.

d. Performance Tests. Use the procedures given in paragraph 3-6.

APPENDIX A

REFERENCES

DA Pam 25-30	Consolidated Index of Army Publications and Blank Forms
DA Pam 738-750	The Army Maintenance Management System (TAMMS)
SB 11-573	Painting and Preservation Supplies Available for Field Use for Electronics Command Equipment.
TB SIG 355-1	Depot Inspection Standard for Repaired Signal Equipment.
TB SIG 355-2	Depot Inspection Standard for Refinishing Repaired Signal Equipment.
TB SIG 355-3	Depot Inspection Standard for Moisture and Fungus Resistant Treatment.
TM 11-5820-401-10-1	Operator's Manual; Radio Sets AN/VRC-12 (5820-223-7412), AN/VRC-43 (5820-223-7415), AN/VRC-44 (5820-223-7417), AN/VRC-45 (5820-223-7418), AN/VRC-46 (5820-223-7433), AN/VRC-47 (5820-223-7434), AN/VRC-48 (5820-223-7435) and AN/VRC-49 (5820-223-7437) (Used without an Intercom System)
TM 11-5820-401-10-2	Operator's Manual; Radio Sets AN/VRC-12 (5820-223-7412), AN/VRC-43 (5820-223-7415), AN/VRC-44 (5820-223-7417), AN/VRC-45 (5820-223-7418), AN/VRC-46 (5820-223-7433), AN/VRC-47 (5820-223-7434), AN/VRC-48 (5820-223-7435) and AN/VRC-49 (5820-223-7437) (Used with an Intercom System)
TM 11-5820-401-20-1	Organizational Maintenance for Radio Sets, AN/VRC-12 (5820-223-7412), AN/VRC-43 (5820-223-7415), AN/VRC-44 (5820-223-7417), AN/VRC-45 (5820-223-7418), AN/VRC-46 (5820-223-7433), AN/VRC-47 (5820-223-7434), AN/VRC-48 (5820-223-7435) and AN/VRC-49 (5820-223-7437) (Used without an Intercom System)
TM 11-5820-401-20-2	Organizational Maintenance Manual for Radio Sets, AN/VRC-12 (5820-223-7412), AN/VRC-43 (5820-223-7415), AN/VRC-44 (5820-223-7417), AN/VRC-45 (5820-223-7418), AN/VRC-46 (5820-223-7433), AN/VRC-47 (5820-223-7434), AN/VRC-48 (5820-223-7435) and AN/VRC-49 (5820-223-7437) (Used with Intercom System, AN/VIC-1(V))
TM 11-5820-401-34-2-1	Direct Support and General Support Maintenance for Radio Sets, AN/VRC-12 (5820-223-7412), AN/VRC-43 (5820-223-7415), AN/VRC-44 (5820-223-7417), AN/VRC-45 (5820-223-7418), AN/VRC-46 (5820-223-7433), AN/VRC-47 (5820-223-7434), AN/VRC-48 (5820-223-7435) and AN/VRC-49 (5820-223-7437) Receiver-Transmitter, Radio, RT-246/VRC, RT-246A/VRC (5820-892-0623), RT-524/VRC and RT-524A/VRC (5820-892-0622)
TM 11-5820-401-34-2-2	Direct Support and General Support Maintenance for Radio Sets, AN/VRC-12 (5820-223-7412), AN/VRC-43 (5820-223-7415), AN/VRC-44 (5820-223-7417), AN/VRC-45 (5820-223-7418), AN/VRC-46 (5820-223-7433), AN/VRC-47 (5820-223-7434), AN/VRC-48 (5820-223-7435) and AN/VRC-49 (5820-223-7437); Receiver-Transmitter, Radio, RT-246/VRC (5820-892-0623), RT-524/VRC and RT524A/VRC (5820-892-0622)
TM 11-5820-402-34-3	Direct Support and General Support Maintenance Manual for Radio Sets, AN/VRC-12 (5820-223-7412), AN/VRC-44 (5820-223-7417), AN/VRC-47 (5820-223-7434) and AN/VRC-48 (5820-223-7435) and Receivers, Radio R-442/VRC and R442A/VRC (5820-892-0624)
TM 11-5820-498-12	Operator's and Organizational Maintenance Manual Including Repair Parts and Special Tools Lists: Radio Sets AN/VRC-53, AN/VRC-64, AN/GRC-125, and AN/GRC-160, and Amplifier-Power Supply Groups OA-3633/GRC and OA-3633A/GRC

TM 11-5830-340-12

Operator's and Organizational Maintenance Manual (Including Repair Parts and Special Tools List): Intercommunication Set AN/VIC-1(V) Controls, Intercommunication Set, C-10456/VRC (5820-082-0804) C-10680/VRC and Amplifier, Audio Frequency, AM-7046/VRC

TM-11-6625-366-10

Operator's Manual, Multimeter, TS-352B/U (6625-553-0142)

TM-11-6625-366-15

Operator's, Organizational, DS; GS, and Depot Maintenance Manual: MuLtimeter TS-352B/U

APPENDIX B DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

Section I. INTRODUCTION

B-1. Scope

This appendix list repair parts and special tools required for performance of direct support and general support maintenance of the MT-1029/VRC and MT-1898/VRC. This appendix is current as of 1 August 1976.

B-2. General

This Repair Parts and Special Tools List is divided into the following sections:

a. Sections II and V. Repair Parts List. A list of repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending numerical sequence, with the parts in each group listed in figure and item number sequence.

b. Sections III and VI. Special Tools List. Not applicable.

c. Sections IV and VII. National Stock Number and Part Number Index. A list, in ascending National item identification number (NIIN, last 9 digits) sequence, of all National stock numbers appearing in the listings, followed by a list, in alphanumeric sequence, of all part numbers appearing in the listings. National stock number and part numbers are cross-referenced to each illustration figure and item number appearance.

B-3. Explanation of Columns

The following provides an explanation of columns found in the tabular listings:

a. Illustration. This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration in which the item is shown.

(2) *Item number.* The number used to identify each item called out in the illustration.

b. Source, Maintenance, and Recoverability Codes (SMR).

(1) *Source code.* Source codes are assigned to support items to indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR code format as follows:

Code	Definition
PA	-- Item procured and stocked for anticipated or known usage.
XD	-- A support item that is not stocked. When required, item will be procured through normal supply channels.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA, XD, and aircraft support items as restricted by AR 700-42.

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

Code	Application/Explanation
O	– Support item is removed, replaced, used at the organizational level.
F	– Support item is removed, replaced, used at the direct support level.
D	– Support items that are removed, replaced, used at depot, mobile depot, specialized repair activity only.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

Code	Application/Explanation
Z	— Nonreparable. No repair is authorized.

(3) *Recoverability code.* Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

Recoverability codes	Definition
Z	– Nonreparable item. When unserviceable condemn and dispose at the level indicated in position 3.

c. National Stock Number. Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

d. Part Number. Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity, which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and in-

spection requirements, to identify an item or range of items.

NOTE

When a stock numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

e. Federal Supply Code for Manufacturer (FSCM). The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

f. Description. Indicates the Federal item name and, if required, a minimum description to identify the item. Items that are included in kits and sets are listed below the name of the kit or set with the quantity of each item in the kit or set indicated in the quantity incorporated in unit column.

g. Unit of Measure (U/M). Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc.). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

h. Quantity Incorporated in Unit. Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly.

B-4. Special Information

Not applicable.

B-5. How to Locate Repair Parts

a. When National stock number or part number is unknown.

(1) *First.* Using the table of contents, determine the functional group within which the repair part belongs. This is necessary since illustrations are prepared for functional groups and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional group to which the repair part belongs.

(3) *Third.* Identify the repair part on the illustration and note the illustration figure and item number of the repair part.

(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number noted on the illustration.

b. When National stock number or part number is known.

(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in ascending NIIN sequence followed by a list of part numbers in ascending alphameric sequence, cross-reference to the illustration figure number and item number.

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

B-6. Abbreviations

Not applicable.

(Next printed page is B-4)

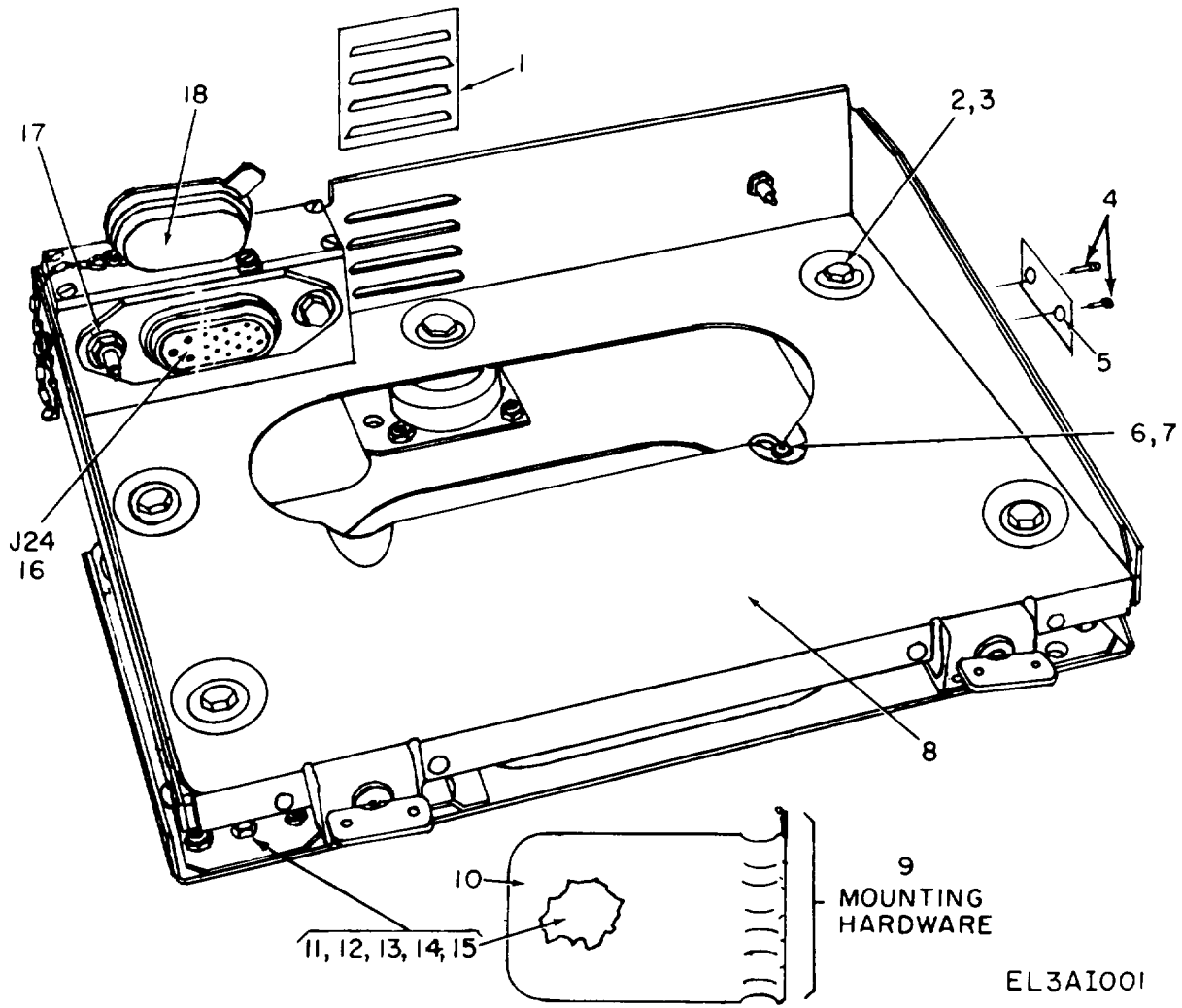
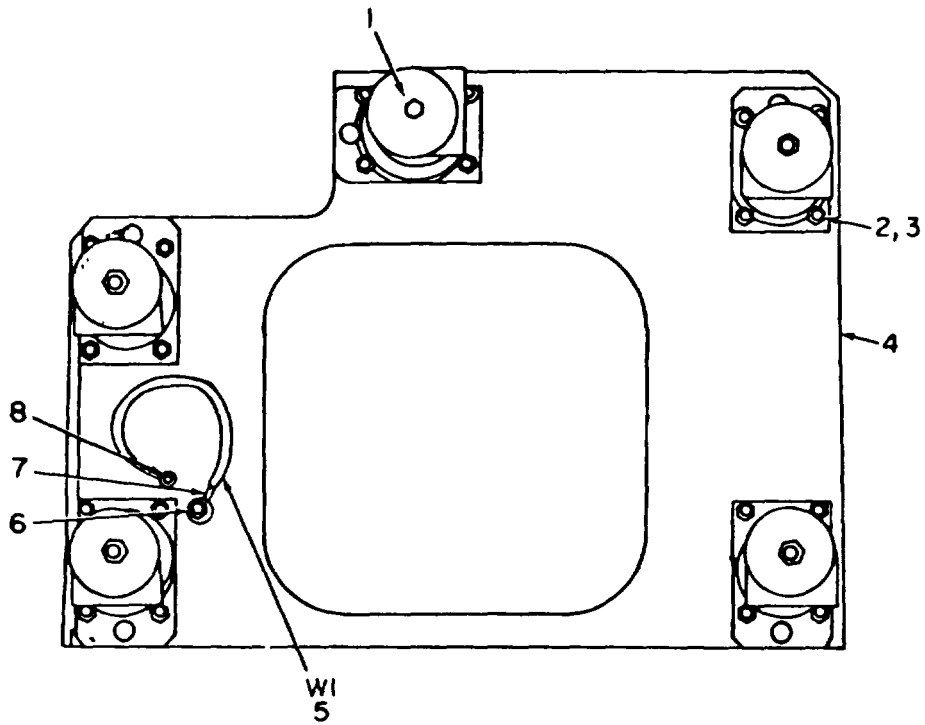


Figure B-1. Mounting MT-1029/VRC.

TM 11-5820-402-35-9/NAVELEX 0967-LP-432-3132
SECTION II REPAIR PARTS LIST (MT-1029/VRC)

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
						GROUP: 00 MOUNTING MT-1029/VRC		
B-1	1	PAOZZ	5820-00-918-7783	SCC49717	80063	BLOWER COVER ASSEMBLY	EA	1
B-1	2	PAOZZ	5306-00-495-0713	SMB415042	80063	BOLT, MACHINE	EA	5
B-1	3	PAOZZ	5310-00-476-6668	SMB415021	80063	WASHER, FLAT	EA	5
B-1	4	PAOZZ	5305-00-840-5938	MS21318-19	96906	SCREW, DRIVE	EA	2
B-1	5	XDDZZ		SMC414980	80063	PLATE, IDENTIFICATION	EA	1
B-1	6	PAOZZ	5310-00-209-0788	MS35335-30	96906	WASHER, LOCK	EA	1
B-1	7	PAOZZ	5305-00-984-4988	MS35206-288	96906	SCREW, MACHINE	EA	1
B-1	8	XDDZZ		SMD415994	80063	TRAY ASSEMBLY	EA	1
B-1	9	XDDZZ		SMB415045	80063	MOUNTING HARDWARE	EA	1
B-1	10	XDDZZ		SMB415047	80063	BAG PART OF KIT SMB415045	EA	1
B-1	11	PAOZZ	5306-00-476-6666	SMC415048-1	80063	SCREW, MACHINE PART OF KIT SMB415045	EA	1
B-1	12	XDDZZ		SMC415048-3	80063	SCREW, MACHINE PART OF KIT SMB415045	EA	7
B-1	13	PAOZZ	5310-00-880-7746	MS51968-5	96906	NUT, PLAIN HEXAGON PART OF KIT SMB415045	EA	7
B-1	14	XDDZZ	5940-00-636-5761	316	77860	TERMINAL LUG PART OF KIT SMB415045	EA	2
B-1	15	PAOZZ	5310-00-514-6674	MS35335-34	96906	WASHER, LACK PART OF KIT SMB415045	EA	14
B-1	16	PAFZZ	5935-00-853-6044	SCA621104	80063	CONNECTOR, RECEPTACLE ELECTRICAL	EA	1
B-1	17	XDFZZ		SMD414985	80063	CONNECTOR ASSEMBLY	EA	1
B-1	18	PAOZZ	5935-00-911-2323	SCC555860	80063	COVER, ASSEMBLY CONNECTOR	EA	1



NOTE: PREFIX ALL REFERENCE DESIGNATIONS WITH A4.

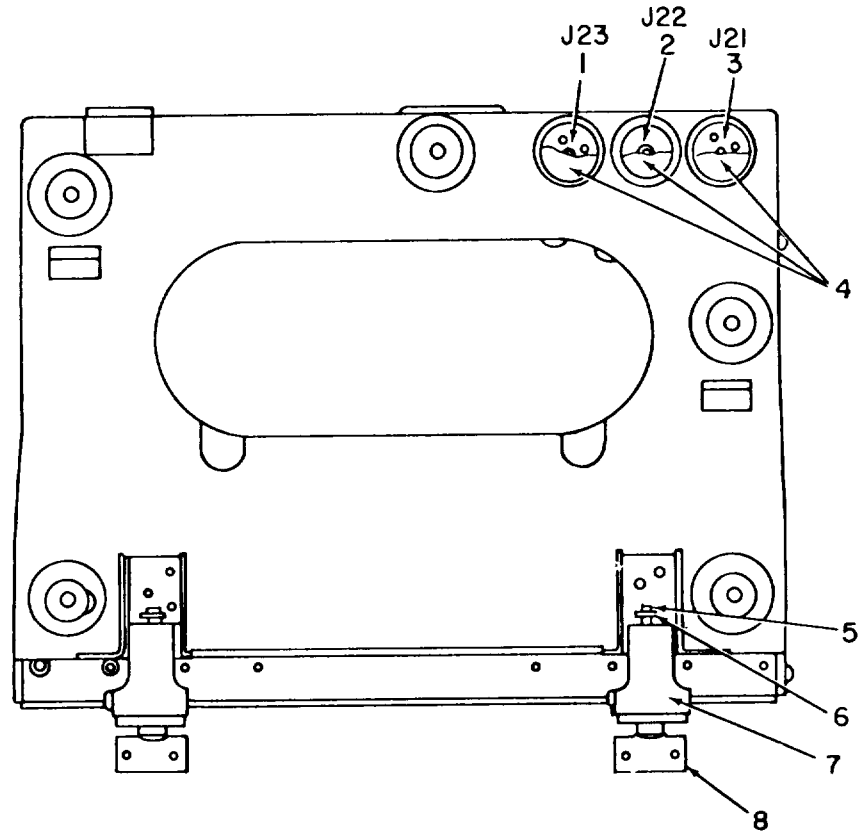
EL3AJ003

Figure B-2. Base assembly (MT-1029/VRC) (top view).

TM 11-5820-401-35-9

SECTION II. REPAIR PARTS LIST (MT-1029/VRC) (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(8) ITEM NO.					USABLE ON CODE		
B-2	1	PAOZZ	5340-01-012-3713	SMC415041-2	80063	MOUNT RESILIENT RUBBER	EA	5
B-2	2	PAOZZ	5305-00-051-0227	MS24693C272	96906	SCREW, MACHINE	EA	21
B-2	3	PAOZZ	5310-00-817-5797	MS21044N3	96906	NUT, SELF-LOCKING HEXAGON	EA	21
B-2	4	XDDZZ		SMB15036	80063	BASE ASSEMBLY	EA	1
B-2	5	XDOZZ		SMB415023	80063	LEAD ELECTRICAL	EA	1
B-2	6	PAOZZ	5310-00-596-7691	MS35335-32	96906	WASHER, LOCK	EA	1
B-2	7	PAFZZ	5940-00-644-8713	34123	00779	TERMINAL LUG	EA	1
B-2	8	XDFZZ		34121	00779	TERMINAL LUG	EA	1



NOTE: PREFIX ALL REFERENCE DESIGNATIONS WITH AI.

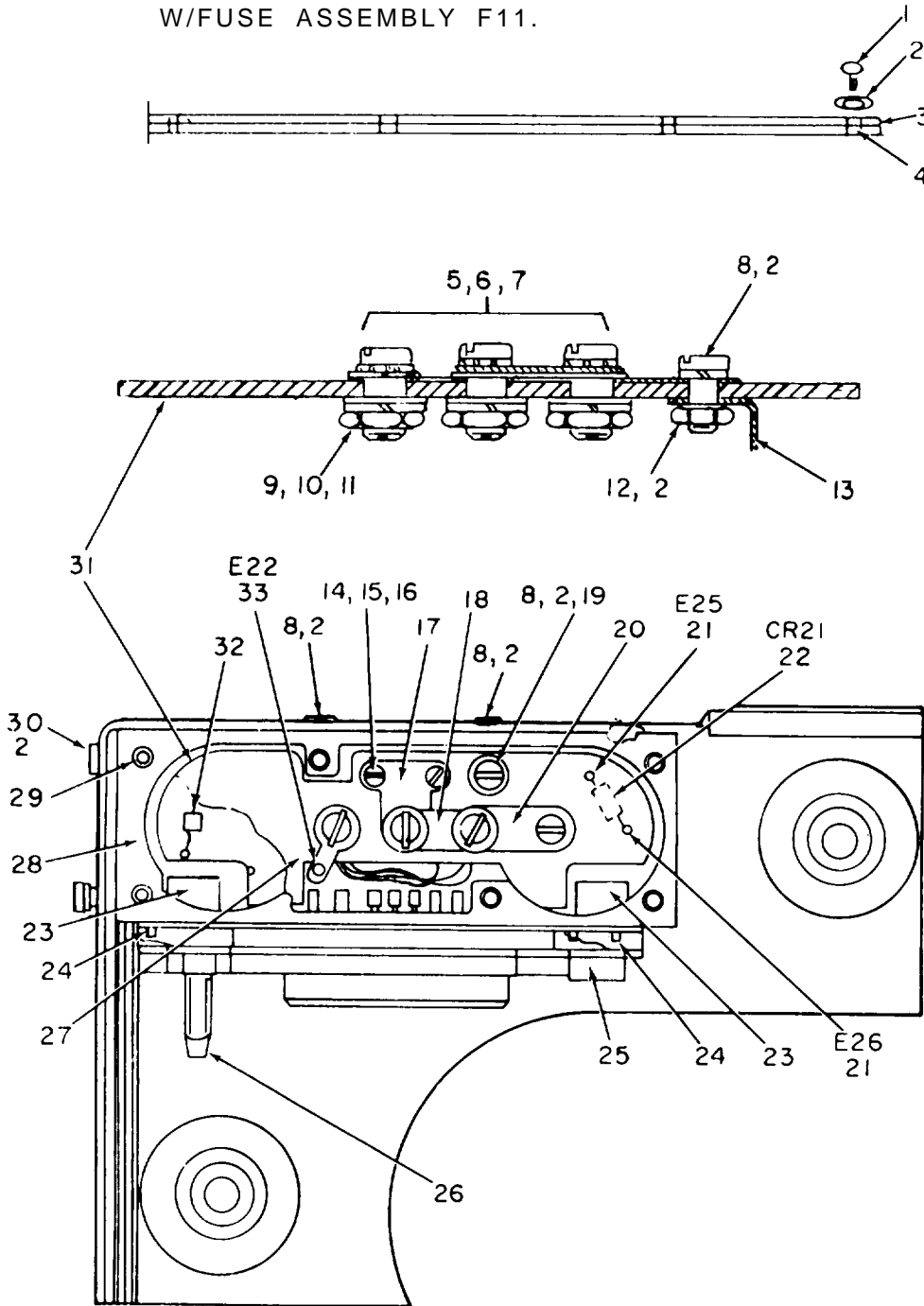
EL3AJ003

Figure B-3. Tray assembly (MT-1029/VRC) (bottom view).

SECTION II REPAIR PARTS LIST (MT1029/VRC) (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.								
B-3	1	PAFZZ	5935-00-071-1235	SMD414992	80063	CONNECTOR , PLUG , ELECTRICAL		EA	1
B-3	2	PAFZZ	5935-00-133-0394	SMD414991	80063	CONNECTOR , PLUG , ELECTRICAL		EA	1
B-3	3	PAFZZ	5935-00-227-8818	SMC414990	80063	CONNECTOR , PLUG , ELECTRICAL		EA	1
B-3	4	PAOZZ	5935-00-933-3752	SMB104328	80063	COVER, DUST		EA	3
B-3	5	PAOZZ	5315-00-286-4888	MS171435	96906	PIN, SPRING		EA	2
B-3	6	PAOZZ	5310-00-476-6669	SMB415025-2	80063	WASHER		EA	2
B-3	7	XDOZZ		SMC415032	80063	CLAMP		EA	2
B-3	8	PAOZZ	5305-00-451-2924	SMC415027	80063	THUMBSCREW		EA	2

SEE ILLUSTRATION B-8, FOR ORIGINAL
VERSION OF COVER ASSEMBLY
W/FUSE ASSEMBLY F11.



NOTE: PREFIX ALL REFERENCE DESIGNATIONS WITH AI.

Figure B-4. Connector assembly (MT-1029/VRC).

TM 11-5820-401-35-9/NAVELEX 0967-LP-432-3132

SECTION II REPAIR PARTS LIST (MT-1029/VRC) (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
B-4	1	PA0ZZ	5305-00-847-0784	SMC413531-13	80063	SCREW, MACHINE	EA	6
B-4	2	PA0ZZ	5310-00-045-3299	MS35338-42	96906	WASHER, LOCK	EA	13
B-4	3	XDOZZ		SMC415006	80063	COVER ASSEMBLY	EA	1
B-4	4	XDOZZ		SMB415008	80063	GASKET	EA	1
B-4	5	PA0ZZ	5305-00-889-3002	MS35206-242	96906	SCREW, MACHINE	EA	3
B-4	6	PA0ZZ	5310-00-820-6633	23MS35338-50	80045	WASHER, LOCK	EA	3
B-4	7	PAF0Z	5340-00-847-1961	SMC415000-1	80063	INSERT	EA	3
B-4	8	PAF0Z	5305-00-984-6191	MS35206-243	96906	SCREW, MACHINE	EA	4
B-4	9	PAF0Z	5310-00-685-2631	MS25082-4	96906	NUT, PLAIN HEXAGON	EA	3
B-4	10	PAF0Z	5310-00-582-5965	MS35338-44	96906	WASHER, LOCK	EA	3
B-4	11	PAF0Z	5310-00-184-9001	AN960PD416L	88044	WASHER, FLAT	EA	3
B-4	12	PAF0Z	5310-00-660-2971	MS25082-2	96906	NUT, PLAIN HEXAGON	EA	1
B-4	13	XDF0Z		SMC415004	80063	CLIP	EA	1
B-4	14	PAF0Z	5305-00-993-0190	MS35206-214	96906	SCREW, MACHINE	EA	2
B-4	15	PAF0Z	5310-00-951-4679	MS27183-3	96906	WASHER, FLAT	EA	2
B-4	16	PAF0Z	5310-00-582-9176	SMC413525-5	80063	NUT, SELFLOCKING HEXAGON	EA	2
B-4	17	XDF0Z		SMB414998	80063	TERMINAL	EA	1
B-4	18	PA0ZZ	5940-00-853-5877	SMB414999	80063	LINK	EA	1
B-4	19	PAF0Z	5310-00-515-8058	AN960-8	88044	WASHER, FLAT	EA	1
B-4	20	XDF0Z		SMB415003	80063	LINK	EA	1
B-4	21	XDF0Z		SMB414997-1	80063	TERMINAL, STUD	EA	1
B-4	22	PAF0Z	5961-00-087-6047	JAN1N645	81349	SEMICONDUCTOR DEVICE	EA	1
B-4	23	PAF0Z	5310-00-451-6183	SMB353288	80063	NUT, GUIDE	EA	7
B-4	24	PAF0Z	5330-00-599-2619	AN6227-5	88044	PACKING	EA	1
B-4	25	PAF0Z	5306-00-734-7107	SMC414993	80063	BOLT, MACHINE	EA	1
B-4	26	PAF0Z	5310-00-858-6638	SMC414981	80063	FIN, GUIDE	EA	1
B-4	27	PA0ZZ	5940-00-892-3060	SMB415005-2	80063	TERMINAL BOARD	EA	1
B-4	28	XDD0Z		SMC415085	80063	JUNCTION BOX ASSEMBLY	EA	1
B-4	29	PAF0Z	5340-00-368-4708	MS122079	96906	INSERT	EA	13
B-4	30	PAF0Z	5305-00-451-2923	SMB415043-2	80063	SCREW, MACHINE	EA	2
B-4	31	XDF0Z		SMD414996	80063	TERMINAL BOARD ASSEMBLY	EA	1
B-4	32	PAF0Z	5910-00-113-9445	CK068X822K	81349	CAPACITOR, FIXED CERAMIC DIELECTRIC	EA	1
B-4	33	XDF0Z		SMC415001	80063	TERMINAL LUG	EA	1

SECTION IV NATIONAL STOCK NUMBER AND PART NUMBER INDEX (MT-1029/VRC)

NOTE: LATEST NATIONAL STOCK NUMBER AND PART NUMBER ASSIGNMENTS ARE INCLUDED AT END OF SECTION IV

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG. NO.	ITEM NO.
5310-00-045-3299	B-4	2			
5935-00-071-1235	B-3	1			
5910-00-113-945	B-4	32			
5961-00-087-6047	B-4	22			
5935-00-133-0394	B-3	2			
5310-00-184-9001	B-4	11			
5310-00-209-0788	B-1	6			
5935-00-227-8818	B-3	3			
5315-00-286-4888	B-3	5			
5340-00-368-4708	B-4	29			
5305-00-451-2923	B-4	30			
5305-00-451-2924	B-3	8			
5310-00-451-6183	B-4	23			
5306-00-476-6666	B-1	11			
5310-00-476-6668	B-1	3			
5310-00-476-6669	B-3	6			
5306-00-495-0773	B-1	2			
5310-00-514-6674	B-1	15			
5310-00-515-8058	B-4	19			
5310-00-582-5965	B-4	10			
5310-00-582-9176	B-4	16			
5310-00-596-7691	B-2	6			
5330-00-599-2619	B-4	24			
5940-00-644-8713	B-2	7			
5310-00-660-2971	B-4	12			
5310-00-685-2631	B-4	9			
5306-00-734-7107	B-4	25			
5310-00-820-6653	B-4	6			
5305-00-840-5938	B-1	4			
5305-00-847-0784	B-4	1			
5340-00-847-1961	B-4	7			
5940-00-853-5877	B-4	18			
5935-00-853-6044	B-1	16			
5310-00-858-6638	B-4	26			
5310-00-880-7746	B-1	13			
5305-00-889-3002	B-4	5			
5940-00-892-3060	B-4	27			
5935-00-911-2323	B-1	18			
5820-00-918-7783	B-1	1			
5935-00-933-3752	B-3	4			
5310-00-951-4679	B-4	15			
5305-00-984-4988	B-1	7			
5305-00-984-6191	B-4	8			
5305-00-993-0190	B-4	14			
5340-01-012-3713	B-2	1			

SECTION IV NATIONAL STOCK NUMBER AND PART NUMBER INDEX (MT-1029/VRC) (CONTINUED)

PART NUMBER	FSCM	NO.	ITEM NO.	PART NUMBER	FSCM	FIG.	ITEM
AN6227-5	88044	B-4	24	SMD414991	80063	B-3	2
AN960PD416L	88044	B-4	11	SMD414992	80063	B-3	
AN960-8	88044	B-4	19	SCA621104	80063	B-1	16
CKO6BX822K	81349	B-4	32	SMD414996	80063	B-4	31
JAN1N645	81349	B-4	22	SMD415005-2	80063	B-4	27
MS122079	96906	B-4	29	SMD415036	80063	B-2	4
MS171435	96906	B-3	5	SMD415085	80063	B-4	28
MS21318-19	96906	B-1	4	SMD415994	80063	B-1	8
MS24693C272	96906	B-2	2	13MS35338-50	80045	B-4	6
MS25082-2	96906	B-4	12	34121	00779	B-2	8
MS25082-4	96906	B-4	9	34123	00779	B-2	7
MS27183-3	96906	B-4	15				
MS35206-214	96906	B-4	14				
MS35206-242	96906	B-4	5				
MS35206-243	96906	B-4	8				
MS35206-288	96906	B-1	7				
MS35335-30	96906	B-1	6				
MS35335-32	96906	B-2	6				
MS35335-34	96906	B-1	15				
MS35338-42	96906	B-4	2				
MS35338-44	96906	B-4	10				
MS51968-5	96906	B-1	13				
SCC49717	80063	B-1	1				
SCC555860	80063	B-1	18				
SMB104328	80063	B-3	4				
SMB353288	80063	B-4	23				
SMBA14997-1	80063	B-4	21				
SMB414998	80063	B-4	17				
SMB414999	80063	B-4	18				
SMB415003	80063	B-4	20				
SMB415008	80063	B-4	4				
SMB415021	80063	B-1	5				
SMB415023	80063	B-2	5				
SMB415025/2	80063	B-3	6				
SMB415042	80063	B-1	2				
SMB415043-2	80063	B-4	30				
SMB415045	80063	B-1	9				
SMB415046-1	80063	B-1	14				
SMB415047	80063	B-1	10				
SMC413525-5	80063	B-4	16				
SMC413531-13	80063	B-4	1				
SMC414980	80063	B-1	5				
SMC414981	80063	B-4	26				
SMC414990	80063	B-3	3				
SMC414993	80063	B-4	25				
SMC415000-1	80063	B-4	7				
SMC415001	80063	B-4	33				
SMC415004	80063	B-4	13				
SMC415006	80063	B-4	3				
SMC415027	80063	B-3	8				
SMC415032	80063	B-3	7				
SMC415041-2	80063	B-2	1				
SMC415048-1	80063	B-1	11				
SMC415048-3	80063	B-1	12				
SMD414985	80063	B-1	17				

<u>LATEST NATIONAL STOCK NUMBER ASSIGNMENTS</u>							
STOCK NUMBER	FIG. NO.	ITEM NO.					
5305-00-051-0227	B-2	2					
5310-00-877-5797	B-2	3					

<u>LATEST PART NUMBER ASSIGNMENTS</u>							
PART NUMBER	FSCM	FIG. NO.	ITEM NO.				
MS21044N3	96906	B-2	3				

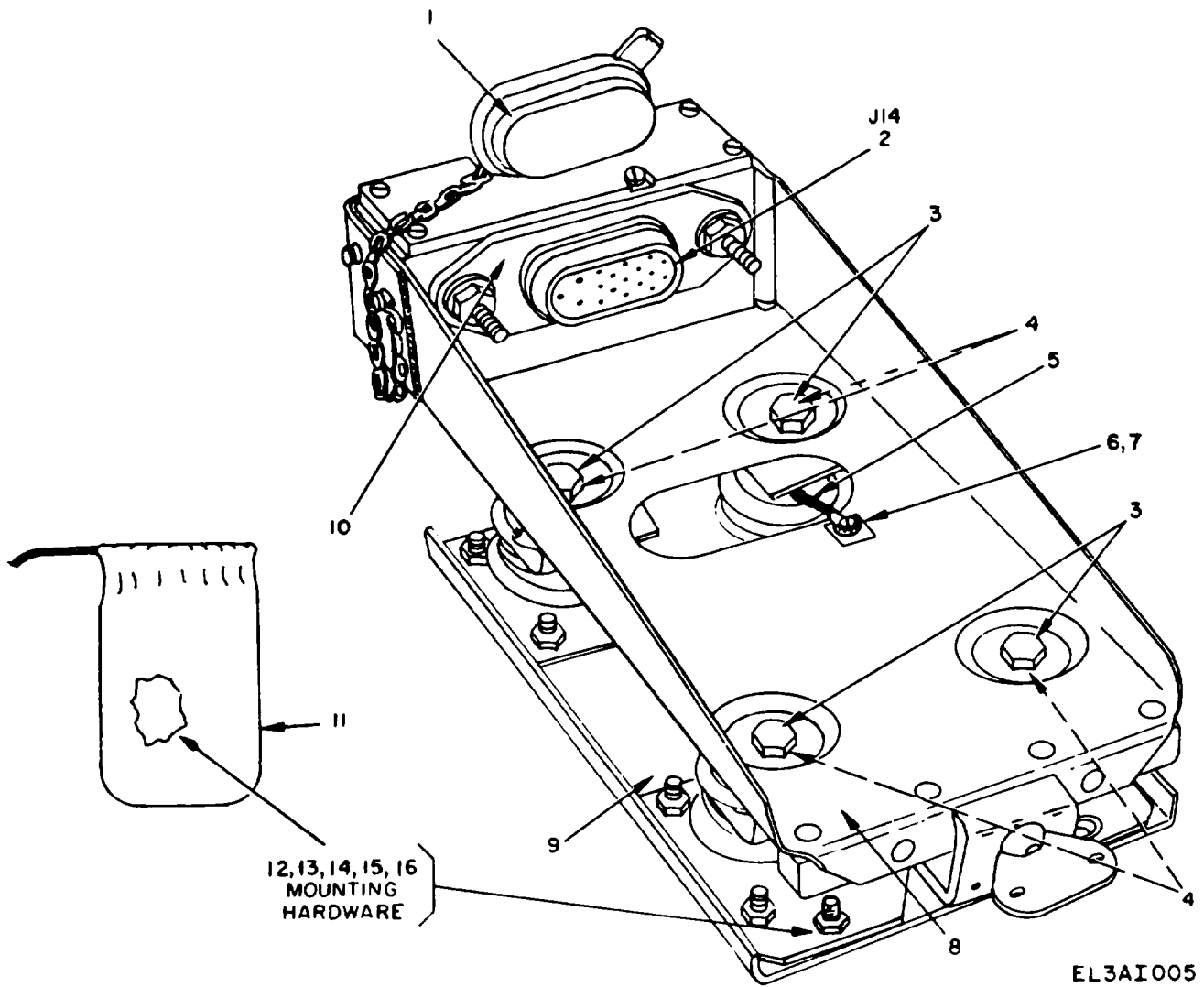
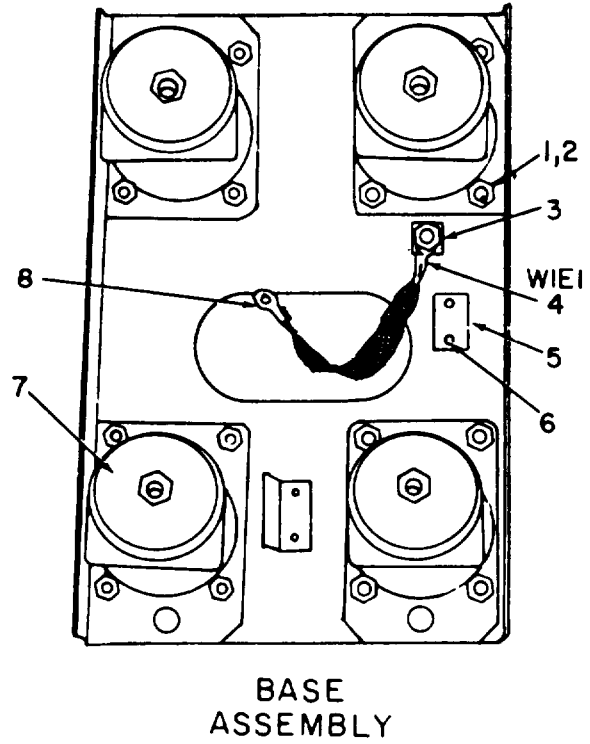
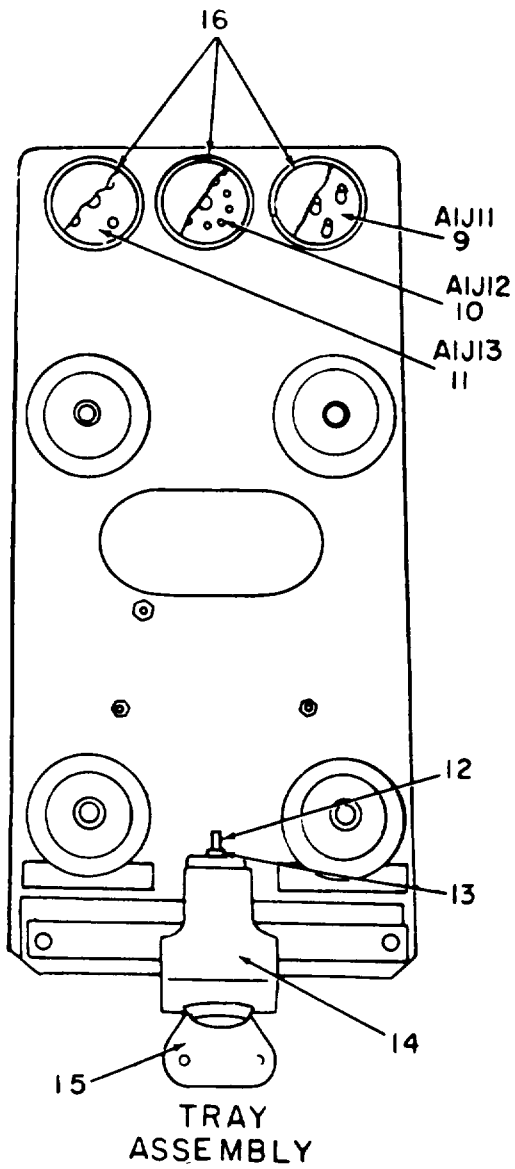


Figure B-5. Mounting MT-1898/VRC.

SECTION V REPAIR PARTS LIST (MT-1898/VRC)

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE CN CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
						GROUP: 00 MOUNTING MT-1898/VRC		
B-5	1	PAOZZ	5935-00-911-2323	SCC555860	80063	COVER, ELECTRICAL CONNECTOR	EA	1
B-5	2	PAFZZ	5935-00-853-6044	SCA621104	80063	CONNECTOR, RECEPTACLE ELECTRICAL	EA	1
B-5	3	PAOZZ	5306-00-495-0773	SMD415042	80063	BOLT, MACHINE	EA	4
B-5	4	PAOZZ	5310-00-476-6668	SMB415021	80063	WASHER, FLAT	EA	4
B-5	5	PAOZZ	5995-00-426-1123	SMB415072	80063	LEAD, ELECTRICAL GROUND	EA	1
B-5	6	PAOZZ	5305-00-984-4988	MB35206-288	96906	SCREW, MACHINE	EA	1
B-5	7	PAOZZ	5310-00-209-0788	MB35335-30	96906	WASHER, LOCK	EA	1
B-5	8	XDDZZ		SMD415068	80063	TRAY ASSEMBLY	EA	1
B-5	9	XDDZZ		SMD415065	80063	BASE ASSEMBLY	EA	1
B-5	10	XDFZZ		SMD415057	80063	CONNECTOR ASSEMBLY	EA	1
B-5	11	XDDZZ		SMB415087	80063	MOUNTING HARDWARE	EA	1
B-5	12	XDDZZ		SMB415047	80063	BAG, CLOTH PART OF KIT SMB415087	EA	1
B-5	13	PAOZZ	5306-00-476-6666	SMB415048-1	80063	BOLT, MACHINE PART OF KIT SMB415087	EA	5
B-5	14	XDOZZ		SMB415048-3	80063	BOLT, MACHINE PART OF KIT SMB415087	EA	5
B-5	15	PAOZZ	5310-00-880-7746	MB51968-5	96906	NUT, FLAIN HEXAGON PART OF KIT SMB415087	EA	5
B-5	16	PAOZZ	5310-00-514-6674	MB35335-34	96906	WASHER, LOCK PART OF KIT SMB415087	EA	10



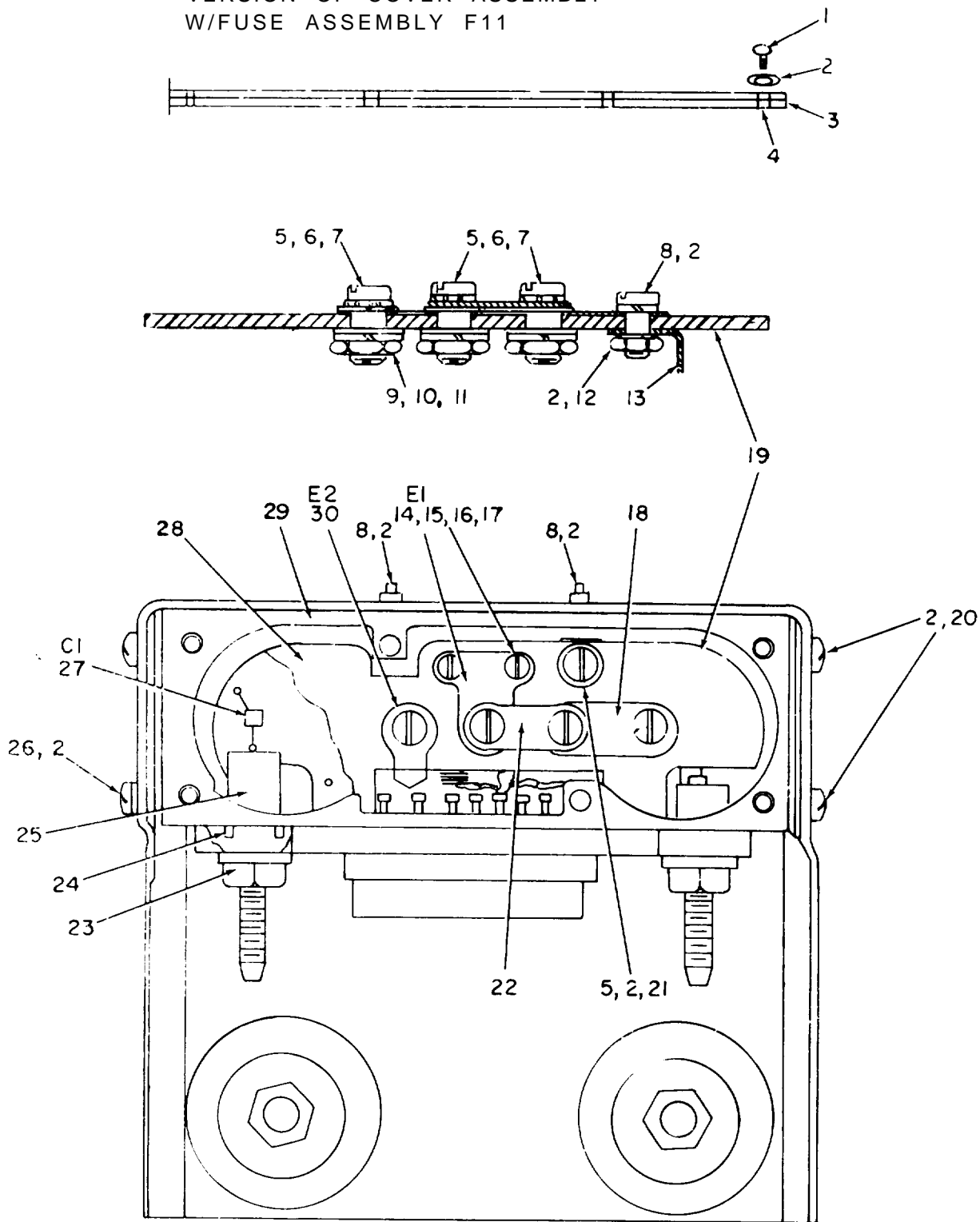
EL3AI006

Figure B-6. Tray and base assemblies (MT-1898/VRC).

SECTION V REPAIR PARTS LIST (MT-1898/VRC) (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
B-6	1	PAOZZ	5310-00-877-5797	MS21044N3	96906	NUT, SELF-LOCKING HEXAGON	EA	17
B-6	2	PAOZZ	5305-00-051-0227	MS24693C272	96906	SCREW, MACHINE	EA	17
B-6	3	PAOZZ	5310-00-596-7691	MS35335-32	96906	WASHER, LOCK	EA	1
B-6	4	PAFZZ	5940-00-644-8713	34123	00779	TERMINAL, LUG	EA	1
B-6	5	XDDZZ		SMC415055	80063	PLATE, IDENTIFICATION	EA	1
B-6	6	PAOZZ	5305-00-840-5938	MS21318-19	96906	SCREW, DRIVE	EA	2
B-6	7	PAOZZ	5340-00-012-3714	SMC415041-1	80063	MOUNT, RESILENT RUBBER	EA	4
B-6	8	XDFZZ		34121	00779	TERMINAL, LUG	EA	1
B-6	9	PAFZZ	5935-00-227-8818	SMC414990	80063	CONNECTOR, PLUG ELECTRICAL	EA	1
B-6	10	PAFZZ	5935-00-853-5942	SMD415061	80063	CONNECTOR, PLUG ELECTRICAL	EA	1
B-6	11	PAFZZ	5935-00-071-1235	SMD414992	80063	CONNECTOR, PLUG ELECTRICAL	EA	1
B-6	12	PAOZZ	5315-00-531-7880	MS171435	96906	PIN, SPRING	EA	1
B-6	13	PAOZZ	5310-00-476-6669	SMB415025-2	80063	WASHER, FLAT	EA	1
B-6	14	XDOZZ		SMC415032	80063	CLAMP	EA	1
B-6	15	PAOZZ	5305-00-451-2924	SMC415027	80063	THUMBSCREW	EA	1
B-6	16	PAOZZ	5935-00-933-3752	SMB104328	80063	CAP, DUST	EA	3

SEE ILLUSTRATION B-8, FOR ORIGINAL
VERSION OF COVER ASSEMBLY
W/FUSE ASSEMBLY F11



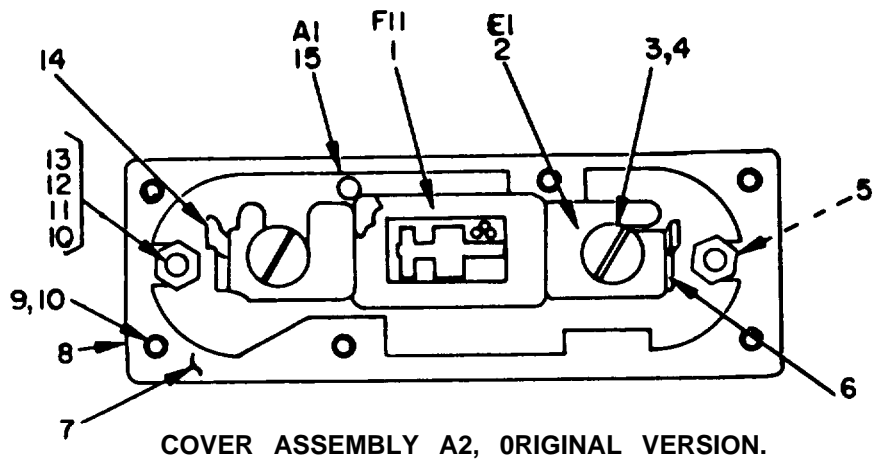
NOTE: PREFIX ALL DESIGNATIONS WITH AIAI.

EL3A1007

Figure B-7. Connector assembly (MT-1898/VRC).

SECTION V REPAIR PARTS LIST (MT-1898/VRC) (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	USABLE CN CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.								
B-7	1	PAOZZ	5305-00-317-0784	SMC413531-13	30063	SCREW, EXTERNALLY RELIEVED BODY		EA	6
B-7	2	PAOZZ	5310-00-045-3209	MS35338-42	26906	WASHER, LOCK-SPRING, HELICAL		EA	15
B-7	3	XDOZZ		SMC415006	80063	COVER ASSEMBLY		EA	1
B-7	4	XDFZZ		SMB415008	80063	GASKET		EA	1
B-7	5	PAOZZ	5305-00-880-3002	MS35206-243	26906	SCREW, MACHINE PAN HEAD		EA	4
B-7	6	PAOZZ	5310-00-596-7693	MS35335-31	26906	WASHER, LOCK FLAT EXTERNAL TOOTH		EA	3
B-7	7	PAFZZ	5340-00-847-1961	SMC415000-1	80063	INSERT		EA	3
B-7	8	PAFZZ	5305-00-984-6190	MS35206-243	26906	SCREW, MACHINE PAN HEAD		EA	3
B-7	9	PAFZZ	5310-00-184-9001	AN960PD416L	32044	WASHER, FLAT		EA	3
B-7	10	PAFZZ	5310-00-582-5965	MS35338-44	26906	WASHER, LOCK-SPRING, HELICAL		EA	3
B-7	11	PAFZZ	5310-00-685-2631	MS25082-4	26906	NUT, PLAIN HEXAGON		EA	3
B-7	12	PAFZZ	5310-00-660-2971	MS25082-2	26906	NUT, PLAIN HEXAGON		EA	1
B-7	13	XDFZZ		SMC415004	80063	CLIP		EA	1
B-7	14	XDFZZ		SMB415008	80063	TERMINAL		EA	1
B-7	15	PAFZZ	5305-00-993-0190	MS35206-214	26906	SCREW, MACHINE PAN HEAD		EA	2
B-7	16	PAFZZ		MS27183-3	26906	WASHER, FLAT		EA	2
B-7	17	XDFZZ		SMC413525-5	80063	NUT, SELF LOCKING		EA	2
B-7	18	XDFZZ		SMB415003	80063	LINK		EA	1
B-7	19	XDFZZ		SMD415052	80063	TERMINAL BOARD ASSEMBLY		EA	1
B-7	20	PAFZZ	5309-00-451-6180	SMB415043-2	80063	SCREW, MACHINE		EA	2
B-7	21	PAFZZ	5310-00-515-8068	AN960-8	88044	WASHER, FLAT		EA	1
B-7	22	PAOZZ	5940-00-853-5877	SMB414999	80063	LINK		EA	1
B-7	23	PAFZZ	5310-00-858-6638	SMC414981	80063	PIN GUIDE		EA	2
B-7	24	PAFZZ	5330-00-599-2619	AN6227-5	88044	PACKING		EA	2
B-7	25	PAFZZ	5310-00-451-6183	SMB353208	80063	NUT GUIDE		EA	2
B-7	26	PAFZZ	5305-00-451-2923	SMB415043-2	80063	SCREW, MACHINE		EA	2
B-7	27	PAFZZ	5910-00-113-9445	CK06CW822K	81349	CAPACITOR, FIXED CERAMIC DIELECTRIC		EA	1
B-7	28	PAFZZ	5940-00-850-2233	SMD415005-1	80063	TERMINAL BOARD		EA	1
B-7	29	XDDZZ		SMD415085	80063	JUNCTION BOX ASSEMBLY		EA	1
B-7	30	XDFZZ		SMB415001	80063	TERMINAL, LUG		EA	1



NOTE:
PREFIX REFERENCE DESIGNATIONS WITH A2.

EL3AI008

Figure B-8. Connector assembly (MT-1898/VRC) with fuse assembly.

SECTION V REPAIR PARTS LIST (MT-1898/VRC) (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.								
B-8	1	PA022	5920-00-503-1858	ANL100	71400	FUSE, PLUG		EA	1
B-8	2	PA022	5940-00-847-1249	SMC415013	80063	TERMINAL BOARD		EA	1
B-8	3	PA022	5305-00-847-0790	SMC415009	80063	SCREW, SHOULDER		EA	2
B-8	4	PA022	5310-00-847-1966	SMB415014	80063	SPANNER, NUT		EA	2
B-8	5	PA022	5340-00-858-6641	SMC415000-2	80063	INSERT, SCREW THREAD		EA	2
B-8	6	XDO22	5935-00-897-9855	SMB415015-1	80063	CONTACT, ELECTRICAL FUSE		EA	1
B-8	7	XDO22		SMB415008	80063	GASKET		EA	1
B-8	8	XDO22		SMC415006	80063	COVER ASSEMBLY		EA	1
B-8	9	PA022	5305-00-847-0784	SMC413531-13	80063	SCREW, EXTERNALLY RELIEVED BODY		EA	6
B-8	10	PA022	5310-00-045-3299	MS35338-42	96906	WASHER, LOCK		EA	8
B-8	11	PA022	5310-00-660-2971	MS25082-2	96906	NUT, FLAIN, HEXAGON		EA	2
B-8	12	PA022	5365-00-847-1962	SMB415010	80063	SPACER, SLEEVE		EA	2
B-8	13	PA022	5310-00-515-8058	AN960-8	88044	WASHER, FLAT		EA	2
B-8	14	XDO22		SMB415015-2	80063	CONTACT, ELECTRICAL FUSE		EA	1
B-8	15	XDO22		SMC415011	80063	TERMINAL BOARD ASSEMBLY		EA	1

SECTION VII NATIONAL STOCK NUMBER AND PART NUMBER INDEX (MT-1898/VRC)

NOTE: LATEST NATIONAL STOCK NUMBER AND PART NUMBER ASSIGNMENTS ARE INCLUDED AT END OF SECTION VII

STOCK NUMBER	FIG. NO.	ITEM NO.	STOCK NUMBER	FIG. NO.	ITEM NO.
5340-00-012-3714	B-6	7			
5310-00-045-3299	B-7	2			
5935-00-071-1235	B-6	11			
5910-00-113-9445	B-7	27			
5310-00-184-9001	B-7	9			
5310-00-209-0788	B-5	7			
5935-00-227-8818	B-6	9			
5995-00-426-1123	B-5	5			
5305-00-451-2923	B-7	26			
5305-00-451-2924	B-6	15			
5305-00-451-6180	B-7	20			
5310-00-451-6183	B-7	25			
5306-00-476-6666	B-5	13			
5310-00-476-6668	B-5	4			
5310-00-476-6669	B-6	13			
5306-00-495-0773	B-5	3			
5310-00-514-6674	B-5	16			
5310-00-515-8058	B-7	21			
5315-00-531-7880	B-6	12			
5310-00-582-5965	B-7	10			
5310-00-596-7691	B-6	3			
5310-00-596-7693	B-7	6			
5330-00-599-2619	B-7	24			
5940-00-644-8713	B-6	4			
5310-00-660-2971	B-7	12			
5310-00-685-2631	B-7	11			
5305-00-817-0784	B-7	1			
5305-00-840-5938	a-6	6			
5340-00-847-1961	B-7	7			
5940-00-850-2233	B-7	28			
5940-00-853-5877	B-7	22			
5935-00-853-5942	B-6	10			
5935-00-853-6044	B-5	2			
5310-00-858-6638	B-7	23			
5310-00-880-7746	B-5	15			
5305-00-889-3002	B-7	5			
5935-00-911-2323	B-5	1			
5935-N-933-3752	B-6	16			
5310-00-951-4679	B-7	16			
5305-00-984-4988	B-5	6			
5305-00-984-6191	B-7	8			
5305-00-993-0190	B-7	15			

SECTION VII NATIONAL STOCK NUMBER AND PART NUMBER INDEX (MT-1898/VRC) (CONTINUED)

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
AN6227-5	88044	a 7	24
AN960PD416L	88044	B-7	9
AN960-8	88044	B-7	21
CK06CW822K	81349	B-7	27
MS171435	96906	B-6	12
MS21318-19	96906	B-6	6
MS24693C272	96906	B-6	2
MS25082-2	96906	B-7	12
MS25082-4	96906	B-7	11
MS27183-3	96906	B-7	16
MS35206-214	96906	B-7	15
MS35206-242	96906	B-7	5
MS35206-243	96906	a 7	8
MS35206-288	96906	B-5	6
SMB353288	80063	B-7	25
MS35335-30	96906	B-5	7
MS35335-31	96906	B-7	6
MS35335-32	96906	B-6	3
MS35335-34	96906	B-5	16
MS35338-42	96906	a 7	2
MS35338-44	96906	B-7	10
MS51968-5	96906	a 5	15
SOC555P 10	80063	B-5	1
SMB104 J-8	80063	B-6	16
SMB414998	80063	a 7	14
SMB414999	80063	B-7	22
SMB415001	80063	B-7	30
SMB415003	80063	B-7	18
SMB415008	a0063	B-7	4
SMB415021	80063	B-5	4
SMB415025-2	80063	B-6	13
SMB415042	80063	a 5	3
SMB415043-2	80063	B-7	26
SMB415043-3	80063	a 7	20
SMB415047	80063	B-5	12
SMB415072	80063	B-5	5
SMB415087	80063	B-5	11
SMC413525-5	80063	B-7	17
SMC413531-13	80063	B-7	1
SMC414981	80063	B-7	23
SMC414990	80063	a 6	9
SMC415000-1	96906	B-7	7
SMC415004	80063	B-7	13
SMC415006	80063	B-7	3
SMC415027	80063	B-6	15
SMC415032	80063	a 6	14
SMC415041-1	80063	B-6	7
SMC415048-1	80063	a 5	13
SMC415048-3	80063	a 5	14
SMC415055	80063	a 6	5
SMD414992	80063	B-6	11
SCA621104	80063	a 5	2
SMD415005-1	80063	a 7	28
SMD415057	80063	a 5	10
SMD415061	80063	a 6	10
SMD415062	80063	B-7	19

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
SMD415065	80063	B-5	9
SMD415068	80063	B-5	8
SMD415085	80063	B-7	29
34121	00779	B-6	8
34123	00779	B-6	4

LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIG. NO.	ITEM NO.
5305-00-051-0227	B-6	
5305-00-847-0784	B-8	9
5305-00-847-0790	b-8	
5310-00-045-3299	B-8	10
5310-00-515-8058	B-3	13
5310-00-660-2971	B-8	11
5310-00-847-1966	B-8	4
5310-00-877-5797	B-6	1
5340-00-858-6641	B-8	
5365-00-847-1962	B-8	12
5920-00-503-1858	B-9	1
5935-00-897-9855	B-8	6
5940-00-536-5761	R-1	14
5940-00-847-1249	B-8	

LATEST PART NUMBER ASSIGNMENTS

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
316	77860	B-1	14
ANL100	71400	B-8	1
AN960-8	88044	B-a	13
MS21044N3	96906	s-6	1
MS25082-2	96906	s-9	11
MS35338-42	96906	n-a	10
SMB415008	80063	B-a	7
SMB415010	80063	B-8	12
SMB415014	80063	B-8	
SMB415015-1	80063	B-8	6
SMB415015-2	80063	B-a	14
SMC413531-13	80063	B-b	3
SMC415000-2	80063	B-9	5
SMC4150006	80063	B-8	8
SMC415009	80063	B-8	3
SMC4150011	80063	e-a	15
SMC415013	80063	B-3	2

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