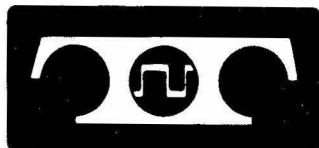


BULLETIN 314B
T. O. 31W4-4-5-1041

TECHNICAL MANUAL
MANUAL MESSAGE ADDRESS
SEGREGATOR



TELETYPE[®]
CORPORATION

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INTRODUCTION

Bulletin 314B is a technical manual that provides general and specific technical information for the Manual Message Address Segregator and its associated Transmitter Distributor Set (LXD Type).

This bulletin is made up of a group of independent sections consisting of the required general description and operation; installation and checkout procedures; circuit description, schematic and actual wiring diagrams; adjustments; lubrication; and disassembly and reassembly.

The sections are complete within themselves; they are separately identified by title and section number, and the pages of each section are numbered consecutively, independent of other sections. The identifying number of a section, a 9-digit number, appears at the top of each page of the section, in the left corner of the left-hand pages and the right corner of the right-hand pages.

The sections are placed in the manual in the order shown in the table of contents for the bulletin. To locate specific information refer to the table of contents on the following page. Find the name of the involved component in column one and the contents of the section in column two. The correct 9-digit section number and issue will then be found in columns three and four. Turn to page one of the section indicated, where the contents of the section will be found.

The sections comprising this bulletin may be ordered individually if the entire bulletin is not needed.

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28 Transmitter Distributor Unit (LXD)	Description and Principles of Operation	573-127-101TC	1
28 Transmitter Distributor Unit (LXD)	Adjustments	573-127-703TC	1
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28 Transmitter Distributor Bases (Single Mounting and Multiple Mounting)	Adjustments	573-128-700TC	1
28 Transmitter Distributor Bases (Single Mounting and Multiple Mounting)	Lubrication	573-128-701TC	1
Motor Units	Description and Principles of Operation	570-220-100TC	3
Motor Units	Adjustments	570-220-700TC	4
Motor Units	Lubrication	570-220-701TC	4

Note: For segregator parts ordering information, refer to Bulletins 1161B and 1216B. For motor parts information, refer to Section 570-220-800TC.

MANUAL MESSAGE ADDRESS SEGREGATOR

DESCRIPTION AND OPERATION

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1. GENERAL

1.01 This section provides a general description and operation of the Manual Message Address Segregator, and also includes a list of components with associated literature.

1.02 The segregator normally operates in conjunction with the "tape factory" of a Torn Tape Message Relaying System that includes from one to eight reperforators and a monitor printer. The monitor printer, when connected to its designated loop, will copy all characters transmitted by the segregator. The segregator supplies nine separate loops, one for each reperforator and one for a monitor printer. Only the manually selected reperforators will operate and they will then punch only the addresses manually directed to them.

1.03 For the most applicable circuit description and wiring diagrams, refer to the Wiring Diagram Package WDP0116 shipped with the equipment or, if this is not available, refer to Section 573-114-400TC.

2. DESCRIPTION

2.01 The basic function of the segregator is to transmit messages with manually selected addresses for each reperforator from a multiple addressed message tape. The segregator transmits at a rate of 107 words per minute (75 baud) to any combination of up to 8 external reperforators. Selection (all switching) is accomplished through use of the switching control assembly which is placed with the transmitter distributor on top of the segregator table

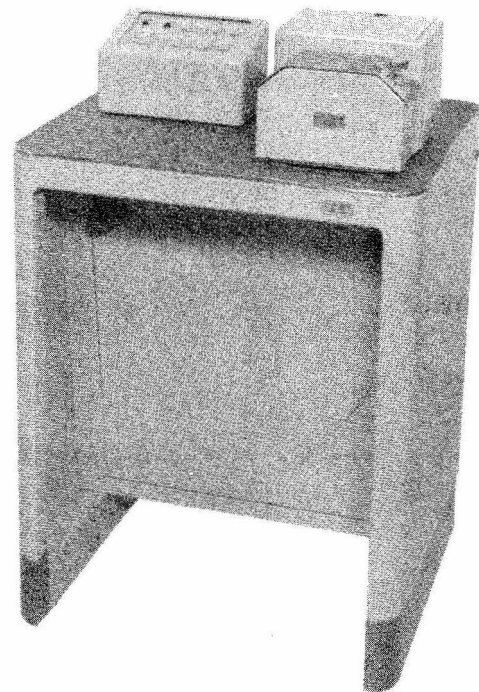


Figure 1 - Manual Message Address Segregator

SECTION 573-114-100TC

(Figure 2). Selection of the reperforators that are to receive from the segregator is made by operation of a control assembly SELECT lever (lighted) for each reperforator. Selection of the dc loop with its associated reperforator that is to receive a specific address is made by operation of the control assembly rotary CONNECT switch.

2.02 The segregator eliminates only those addresses that are not wanted for each individual reperforator. Each address in the multiple addressed tape is manually directed to only those reperforators that require it. An external reperforator will punch both address and message in tape only if its SELECT lever is operated and either its loop or all loops are connected by the rotary CONNECT switch on the switching control assembly.

2.03 The segregator supplies 120 v dc, 0.020 amp local line (loop) current to the external reperforators and monitor typing unit sets.

2.04 Addressed message transmission is accomplished by means of the Self-Contained Transmitter Distributor Set (LXD Type) of the segregator (Figure 3). This transmitter distributor set has special code reading contacts and includes the proper base, synchronous motor unit, TP173595 gearset, cover, and cables.

2.05 All line (loop) switching and reperforator selection is accomplished manually by means of the TP329324 switching control assembly. The SELECT levers that are operated to select a reperforator are also illuminated (Figure 2).

2.06 All logic, power supply, and terminal boards for external equipment connections, option strapping, and programming are mounted on the TP329325 logic panel assembly which is mounted behind the front panel in the lower part of the table (Figures 3 and 4).

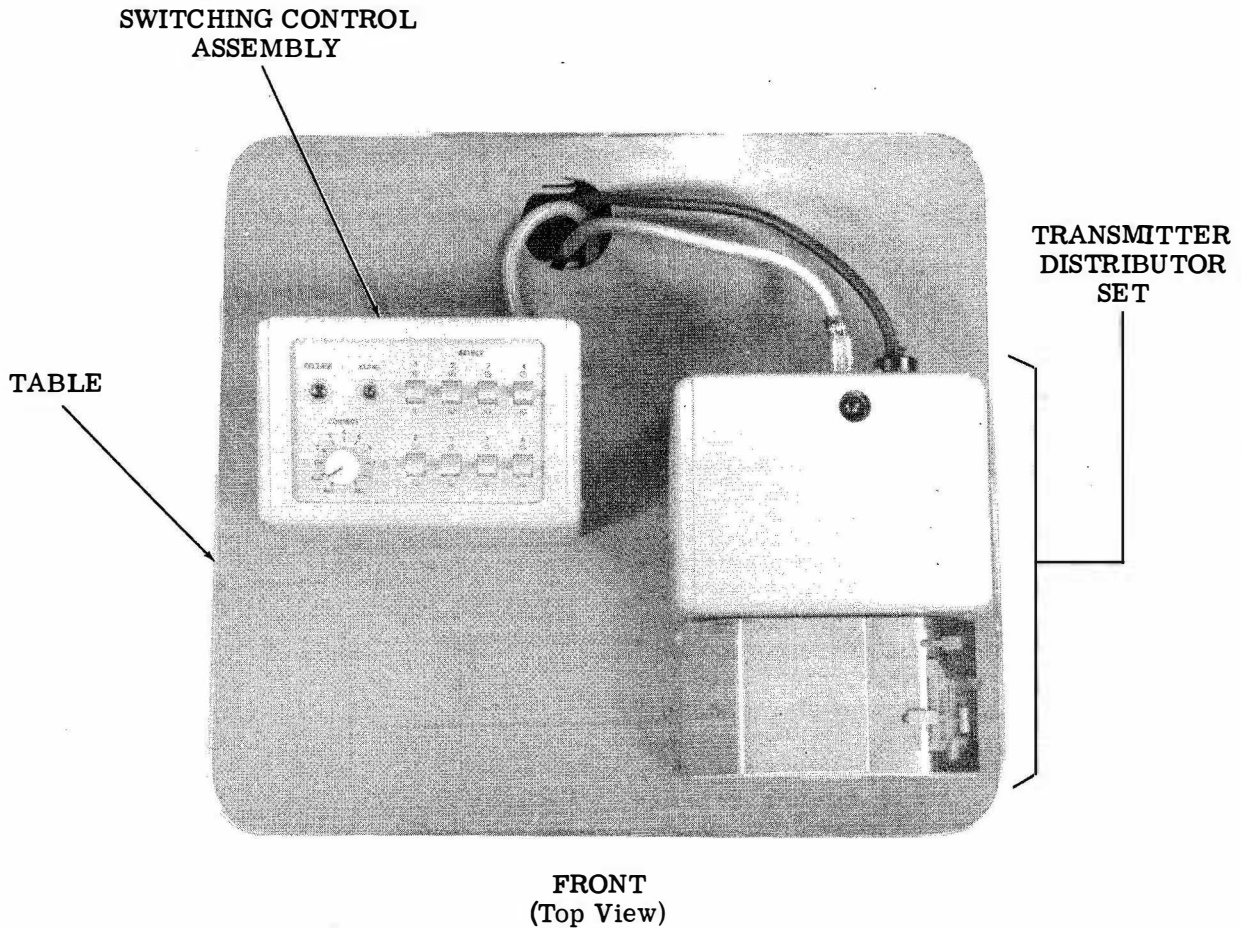


Figure 2 - Manual Message Address Segregator

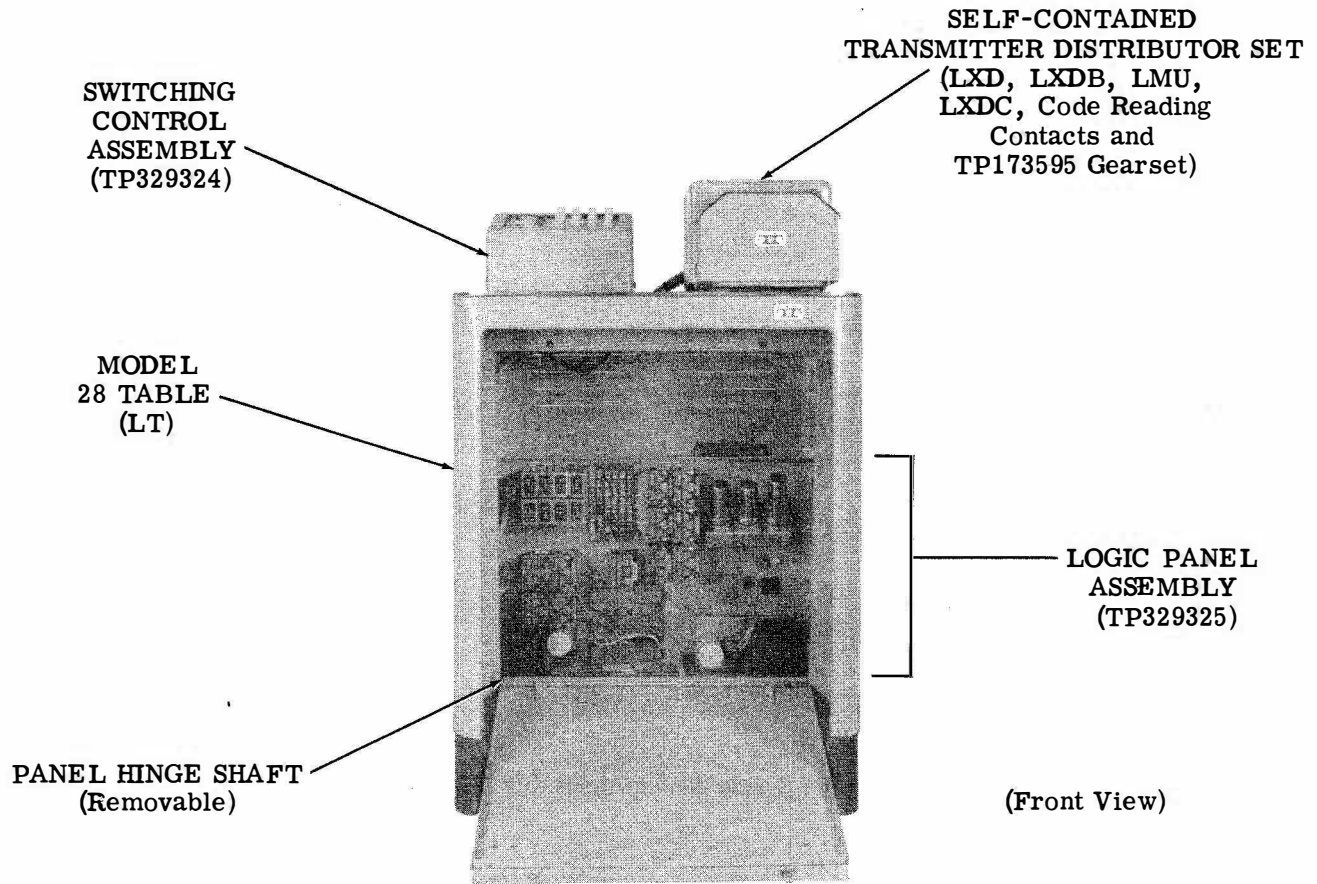


Figure 3 - Manual Message Address Segregator With Front Panel Open

2.07 The table top supports the switching control assembly and the transmitter distributor, both of which may be positioned for convenience by the operator (Figure 2).

COMPONENTS

2.08 The following is a list of basic components that are included as part of the Manual Message Address Segregator.

1. Model 28 Transmitter Distributor Set (LXD Type) with code reading contacts.
 - (a) Model 28 Transmitter Distributor Base (LXDB Type).
 - (b) Synchronous Motor Unit (LMU Type).
 - (c) TP173595 Set of Gears.
 - (d) Model 28 Transmitter Distributor Cover (LXDC Type).

2. TP329324 Switching Control Assembly.
3. TP329325 Logic Panel Assembly (Mounted in Table - Figures 3 and 4).
4. Table (LT Type - Figures 1, 2 and 3).
5. Miscellaneous
 - (a) 1 - TP308478 Cable Assembly (Power).
 - (b) 1 - TP332540 Cable Assembly.
 - (c) 12 - TP312684 Electrical Wire Assemblies.
 - (d) 1 - TP159373 Apparatus Mounting Rack.
 - (e) Miscellaneous mounting hardware.

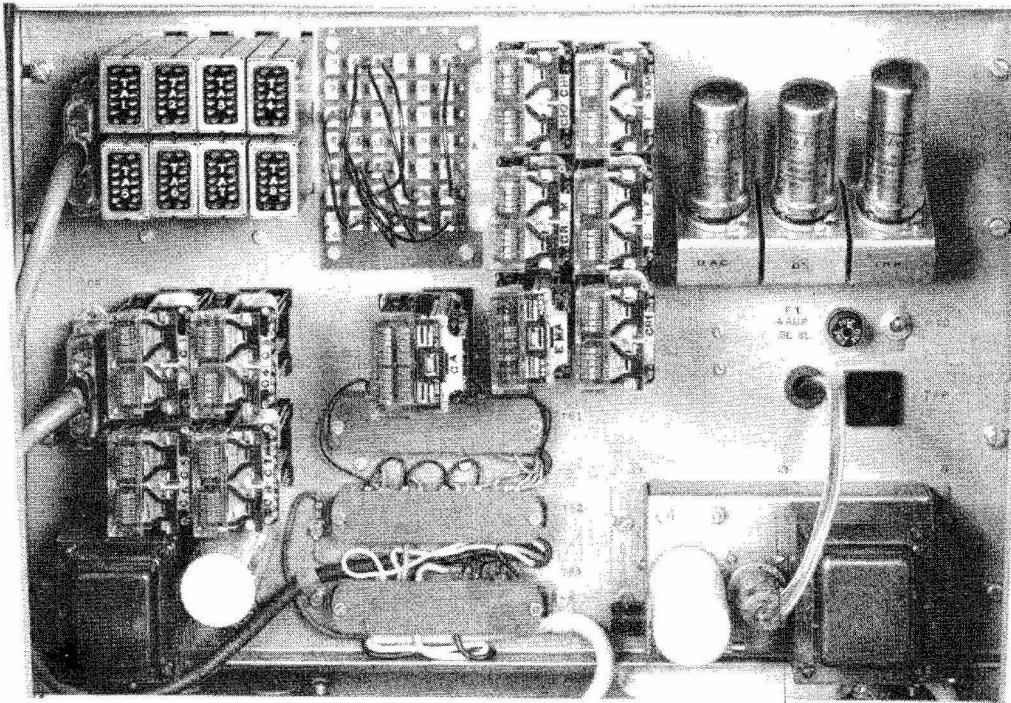


Figure 4 - Logic Panel Assembly TP329325

2.09 Refer to Section 573-130-803TC for parts ordering information and detailed illustrations.

ASSOCIATED LITERATURE

2.10 For detailed circuit description and schematic and actual wiring diagrams of the Manual Message Address Segregator, refer to the Wiring Diagram Package WDP0116 shipped with the equipment. If this is not available it may be ordered separately but may also include some changes that are not applicable to equipment of an earlier date. Similar information may also be obtained from Section 573-114-400TC which will be applicable only as of the date of issue. Changes, even though slight, could cause trouble if this section is used for troubleshooting.

2.11 Installation and Checkout Procedures for the Manual Message Address Segregator are supplied by Section 573-114-200TC.

2.12 Operation is covered in Part 3 of this section. Operation information may also be obtained from the Wiring Diagram Package WDP0116 (8617WD) that is shipped with the equipment.

2.13 Adjustments, lubrication, and additional descriptive information are required for the transmitter distributor set that is included as part of the Manual Message Address Segregator. These are listed in Table A.

2.14 Table A contains the sections which include all information required for installation, operation, and maintenance of the Manual Message Address Segregator and its components.

2.15 For parts ordering information, refer to the following sections:

Segregator	573-130-803TC
Transmitter Distributor.	573-127-801TC
Motor.	570-220-800TC

TECHNICAL DATA

2.16 The segregator operates only in conjunction with other equipment. It simultaneously supplies local loop current for one to nine separate loops, each with other equipment such as a reperforator or a monitor typing unit. Each reperforator and the monitor typing unit must be capable of operating in a local signal loop as follows:

Loop current and voltage. . . 0.020 amps,
 (for each of 1 to 9 separate loops) 120 v dc
 Code. 7.00 Unit start-stop
 Speed 107 wpm (75 baud)
 Power input to segregator. .115 v, 60 hertz
 Wiring options Refer to Section
 and coding 573-114-200TC and
 to WDP0116.

Dimensions
 Height.32-5/8 inches
 Width20-1/2 inches
 Depth18-5/16 inches

For information concerning the Transmitter Distributor Set (LXD Type), a component of the segregator, refer to the associated literature listed in Table A.

3. OPERATION

3.01 The following frequently used abbreviations will be encountered in the operation of the segregator:

- AUX - Auxiliary
- CDC - Call Directing Code
- EMA - End Of Multiple Addresses
- EOIA - End Of Individual Address
- REPERF - Reperforator
- SMD - Selector Magnet Driver
- SOA - Start Of Addresses
- SOM - Start Of Message
- TD - Transmitter Distributor

FORMAT

3.02 The multiple addressed message tapes must conform to the following format.

- (a) A leader, made up of LETTERS perforations. This simplifies the handling of the tape.
- (b) Start-Of-Message sequence of four characters (factory strapped for "C Z C Z").
- (c) Start-Of-Addresses sequence of two characters (factory strapped for "F M").
- (d) End-Of-Individual-Address sequence (is factory strapped for "CR CR LF"). This is necessary to stop the transmitter before the first CDC is read.
- (e) Address codes (CDC) each to be followed by an End-Of-Individual-Address sequence (factory strapped for "CR CR LF").

- (f) End-Of-Multiple-Address sequence of two characters (factory strapped for "B T").
- (g) Message text, etc.
- (h) Trailer, made up of "LETTERS" perforations in the same manner as the leader and for the same reason. In continuous tape operation, the trailer of one message tape can serve as the leader of the following message tape.

STARTING

- 3.03 Position the MTC toggle switch on the logic panel assembly (inside the table) to its ON position.
- 3.04 Position the power switch on the transmitter assembly to its ON position (located on the rear of the assembly).
- 3.05 Depress simultaneously the CLEAR and the RELEASE buttons on the switching control assembly. This will clear all previously stored logic.

OPERATING PROCEDURE

- 3.06 Examine the multiple addressed message tape to determine the number of reperforators to be operated.
- 3.07 Set one toggle switch on the switching control assembly to its illuminated position for each reperforator to be operated.
- 3.08 Set the rotary CONNECT switch to its ALL position.
- 3.09 Place the leader of the multiple addressed message tape in the transmitter gate.
- 3.10 Set the STOP-RUN of the transmitter on RUN.
- 3.11 The transmitter will read the leader and the Start-Of-Message sequence "C Z C Z" and stop. All of the selected reperforators will copy. This feature provides for continuous tape operation.
- 3.12 Depress the RELEASE button on the switching control assembly. The transmitter will start, read the Start-Of-Addresses sequence "FM", the End-Of-Individual-Address sequence "CR CR LF" that precedes the CDC and then stop. All selected reperforators will copy.

TABLE A

ASSOCIATED LITERATURE

<u>EQUIPMENT</u>	<u>CONTENTS</u>	<u>SECTION NUMBER</u>
Segregator	Description and Operation	573-114-100TC
Segregator	Installation and Checkout Procedures	573-114-200TC
Segregator	Circuit Description, Schematic and Actual Wiring Diagrams	573-114-400TC
Segregator	Parts	573-130-803TC
Transmitter Distributor Set	Description	573-105-100TC
Transmitter Distributor	Description and Principles of Operation	573-127-101TC
Transmitter Distributor	Adjustments	573-127-703TC
Transmitter Distributor	Lubrication	573-127-704TC
Transmitter Distributor	Disassembly and Reassembly	573-127-705TC
Transmitter Distributor	Parts	573-127-801TC
Transmitter Distributor Base	Description	573-128-101TC
Transmitter Distributor Base	Adjustments	573-128-700TC
Transmitter Distributor Base	Lubrication	573-128-701TC
Transmitter Distributor Base	Parts	573-130-802TC
Motor Unit	Description and Principles of Operation	570-220-100TC
Motor Unit	Adjustments	570-220-700TC
Motor Unit	Lubrication	570-220-701TC
Motor Unit	Parts	570-220-800TC
Standard Maintenance Tools	Part Numbers	570-005-800TC

3.13 Direct the first CDC to the proper reperforator by setting the CONNECT switch on the corresponding number.

3.14 Depress the RELEASE button. The transmitter will start, read the first CDC and the End-Of-Individual-Address following it and stop. Only the "directed to" reperforator will copy.

3.15 Repeat paragraphs 3.13 and 3.14 for the second, third, etc CDCs.

3.16 After all the CDCs have been directed and read, depress the RELEASE button once more. The transmitter will start, read the End-Of-Multiple-Address sequence "B T", the message text, the trailer and will stop on tape-out or a Start-Of-Message sequence. The position of the CONNECT switch will determine which of the reperforators will copy the End-Of-Multiple-Address sequence "B T". All the reperforators will copy the message portion.

3.17 If it is desired to have the End-Of-Multiple-Address sequence "B T" in all tapes, position the CONNECT switch to its ALL position before depressing the RELEASE button in the previous step.

3.18 The message tape processing is now complete.

CLEAR AND RELEASE

3.19 The CLEAR button on the switching control assembly permits clearing of the logic circuits when it is desired to restart a multiple addressed message tape. For guard reasons, the RELEASE button must be pressed simultaneously.

TROUBLESHOOTING REFERENCES

3.20 Troubleshooting may be accomplished by operation of the segregator in accordance with the checkout procedures of Section 573-114-200TC to determine the point of operational failure. The probable causes of the failure can then be determined by reference to the circuit description and schematic wiring diagrams of WDP0116 shipped with the equipment. If WDP0116 is not available, the same information (applicable only as of the date of issue) may be obtained from Section 573-114-400TC. This WDP and section also contain actual wiring (cabling) diagrams which may be useful for replacing damaged circuit elements or wiring. Refer to Table A for a list of associated literature.

MANUAL MESSAGE ADDRESS SEGREGATOR
 INSTALLATION AND CHECKOUT PROCEDURES

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1.04 Overall dimensions of the segregator are:
 Height 32-5/8 inches
 Width 20-1/2 inches
 Depth 18-5/16 inches

1. GENERAL

1.01 This section provides installation and checkout procedures for the Manual Message Address Segregator. It also provides illustrations of related adjustments to be checked in case it becomes necessary to reinstall a segregator after disassembly.

1.02 The segregator is shipped from the factory completely assembled and ready to operate, except for unpacking and setting the switching control assembly and the transmitter distributor on top of the table as indicated in Figure 1, and as instructed in Part 2.

1.03 For detailed circuit description and all related wiring diagrams covering the segregator, refer to the Wiring Diagram Package WDP0116 shipped with the equipment.

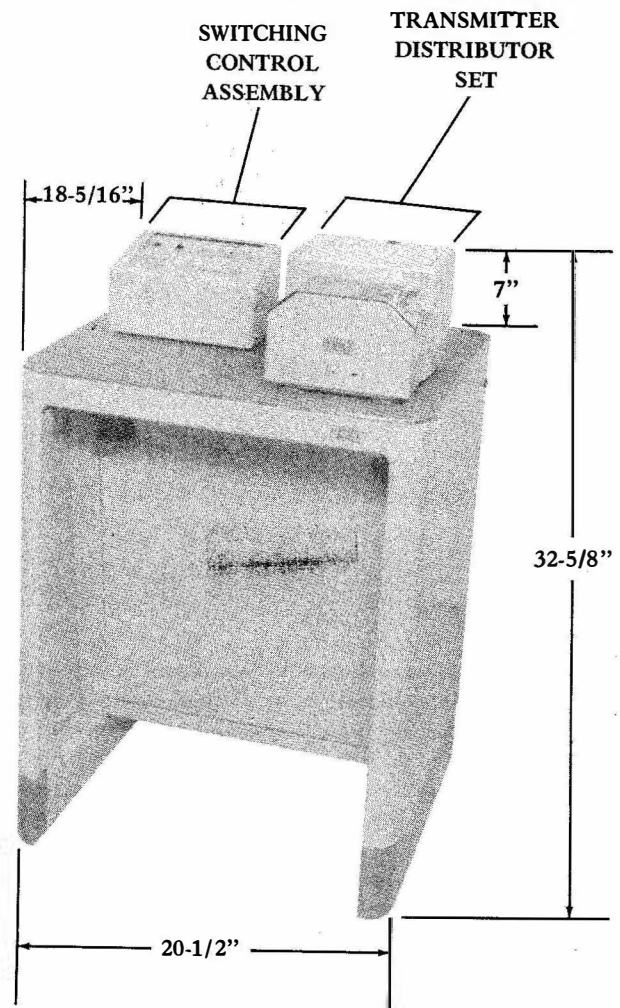


Figure 1 - Manual Message Address Segregator

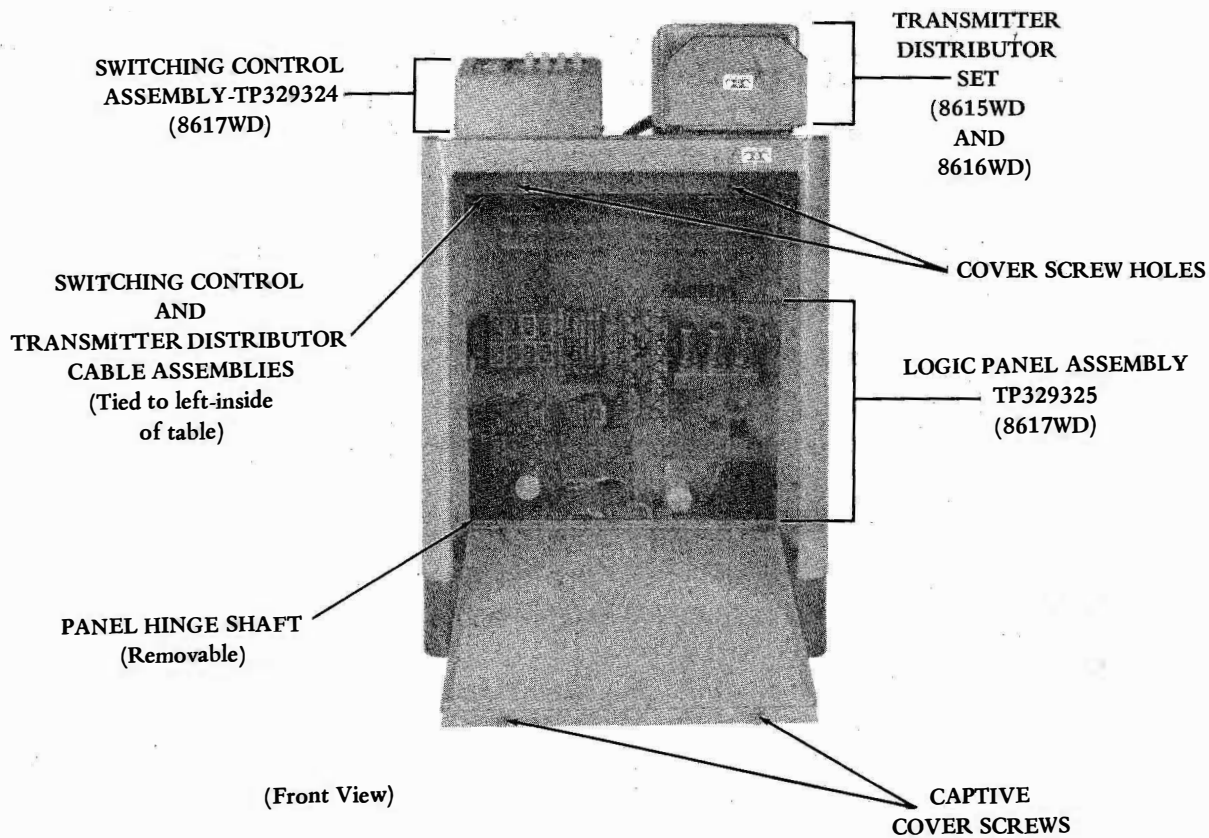


Figure 2 - Manual Message Address Segregator with Cover Panel Open

TECHNICAL DATA

1.05 The Manual Message Address Segregator operates only in conjunction with other, external equipment. It simultaneously supplies the dc loop current for one to nine separate loops. The wiring for one of these loops is arranged for a monitor printer that will print all characters transmitted. Each of the other 8 loops will supply equipment such as a reperforator. The segregator power and external equipment requirements are:

- Power input to segregator 115 v, 60 hertz
- Loop current & voltage 0.020 ampere, 120 v dc for each loop
- Code 7.00 unit, start-stop
- Speed 107 wpm (75 baud)

ASSOCIATED LITERATURE

1.06 Refer to Table A for related literature pertaining to the Manual Message Address Segregator and its components.

2. INSTALLATION

CAUTION: CARE SHALL BE EXERCISED IN UNPACKING SO AS NOT TO DROP OR JAR THE EQUIPMENT, AND TO PREVENT DAMAGE OR LOSS OF SMALL PARTS.

- 2.01 Place the table in the desired location. The space requirements are indicated in Figure 1.
- 2.02 To place the segregator in service connect the three cables (shown in Figure 3) and the main power cable, located at the lower rear of the table.
- 2.03 Place the transmitter distributor and the switching control assembly on top of the table. Orientation of these two items, should be that preferred by the operator (Figure 1).
- 2.04 Feed the "UA" connector end of the TP332540 Cable Assembly thru the hole in the top of the table to the mating "UA" connector on the logic panel (Figure 3).

Note: Main Power Cable at back of Table (not shown)

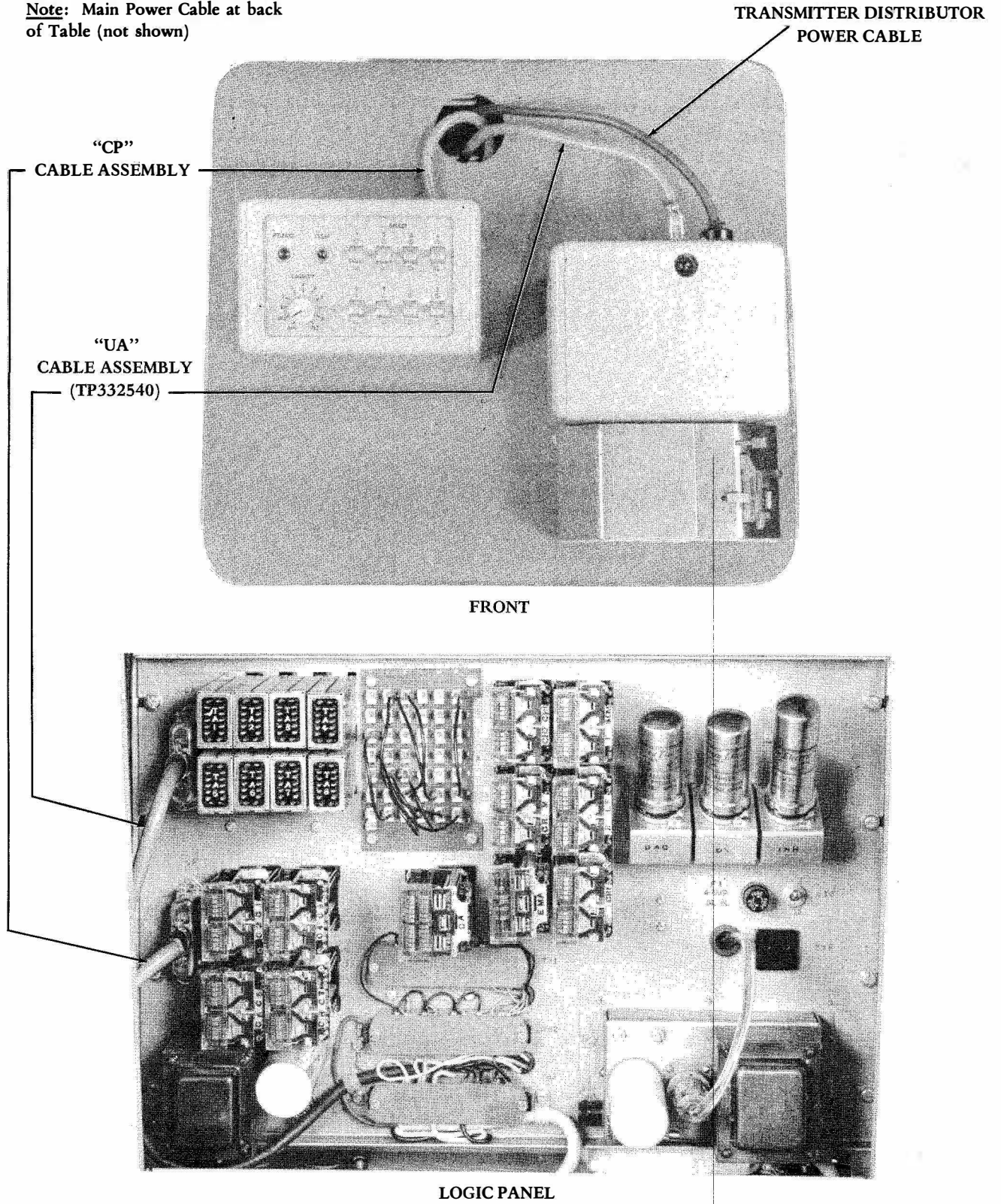


Figure 3 - Top of Segregator and Front View of Logic Panel

TABLE A
ASSOCIATED LITERATURE

EQUIPMENT	CONTENTS	SECTION NUMBER
Segregator	Description and Operation	573-114-100TC
Segregator	Installation and Checkout Procedures	573-114-200TC
Segregator	Circuit Description, Schematic and Actual Wiring Diagrams	573-114-400TC
Segregator	Parts	573-130-803TC
Transmitter Distributor Set	Description	573-105-100TC
Transmitter Distributor	Description and Principles of Operation	573-127-101TC
Transmitter Distributor	Adjustments	573-127-703TC
Transmitter Distributor	Lubrication	573-127-704TC
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Transmitter Distributor	Parts	573-127-801TC
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Motor Unit	Description and Principles of Operation	570-220-100TC
Motor Unit	Adjustments	570-220-700TC
Motor Unit	Lubrication	570-220-701TC
Motor Unit	Parts	570-220-800TC
Standard Maintenance Tools	Part Numbers	570-005-800TC

- 2.05 Feed the "CP" cable from the switching control assembly thru the table top hole to the mating connector in the logic panel (Figure 3).
- 2.06 Feed the transmitter distributor set power cable with the receptacle connector (part of and from the logic panel) up thru the hole in the table top into the mating connector on the transmitter assembly.
- 2.07 Take up the slack of the three cables inside the table. Dress and tie the cables to the left bracket so that they do not interfere with relays on the logic panel (Figure 2).
- 2.08 Connect the main power cable assembly to a convenient 115 v, 60 hertz receptacle.

TABLE B
CONNECTIONS FROM SEGREGATOR TO SUPPORTING EQUIPMENT

REPERFORATOR SET	SIGNAL INPUT	LOGIC PANEL TERMINAL
NO. 1	(-)	TB1-1
	(+)	TB1-2
NO. 2	(-)	TB1-3
	(+)	TB1-4
NO. 3	(-)	TB1-5
	(+)	TB1-6
NO. 4	(-)	TB1-7
	(+)	TB1-8
NO. 5	(-)	TB2-1
	(+)	TB2-2
NO. 6	(-)	TB2-3
	(+)	TB2-4
NO. 7	(-)	TB2-5
	(+)	TB2-6
NO. 8	(-)	TB2-7
	(+)	TB2-8
MONITOR SET	(-)	TB2-9
	(+)	TB1-9

CONNECTIONS TO SUPPORTING EQUIPMENT

- 2.09 The reperforator sets and the monitor set must be able to operate on 0.020 ampere neutral local loops. These sets are not part of the segregator.
- 2.10 Connect the reperforator sets and the monitor set to the terminal boards on the logic panel as shown in Table B. The loop wire or cable is not furnished as part of the segregator. See sheets B1 and G1 of 8617WD.

OPTION A TO STOP ON START-OF-MESSAGE (CZCZ)

- 2.11 Option A causes the transmitter to stop on reading the Start-of-Message character sequence.
- 2.12 The segregator is factory wired to include Option A.
- 2.13 To disable Option A, remove the strap between terminals 13 and 17 on the "T" terminal strip of the logic panel.

TERMINAL BOARD "A" STRAPPING

- 2.14 Terminal Board "A" is strapped by the factory as shown in Figure 4 and Table C.
- 2.15 Should any change in the character sequence be desired, disconnect the lead end in the "TO" column (Table C) and reconnect it to the desired character in the CHARACTER RECOGNITION field ~~(Figure 5)~~ (FIGURE 4).

3. CHECKOUT PROCEDURES

- 3.01 Prepare a test tape having the following characters:

 CRCR LF TEST MESSAGE CRCR LF
 CZCZ THIS IS START OF MESSAGE SEQUENCE
 CRCR LF
 FM THIS IS START OF ADDRESS SEQUENCE CRCR LF
 FIRST ADDRESS CRCR LF
 SECOND ADDRESS CRCR LF
 BT THE QUICK BROWN FOX TEXT
- 3.02 Connect the line or a SMD associated with a monitor printer to Terminals TB1-9 and TB2-9. (See CAD 2 of 8617WD-G1.) This monitor will copy all transmitted characters.
- 3.03 Connect the lines of associated reperforator sets or test equipment as shown in Table B.
- 3.04 With ac power connected, operate the MTC switch to the ON position. Operate the transmitter distributor power switch to ON. The monitor printer and the reperforators should run closed.
- 3.05 Operate the SELECT keys 1 through 8. The lamps in the key handles should light. Restore the keys to normal.
- 3.06 Place the test tape in the transmitter gate.
- 3.07 Set the rotary switch CONNECT to any of the ALL positions.

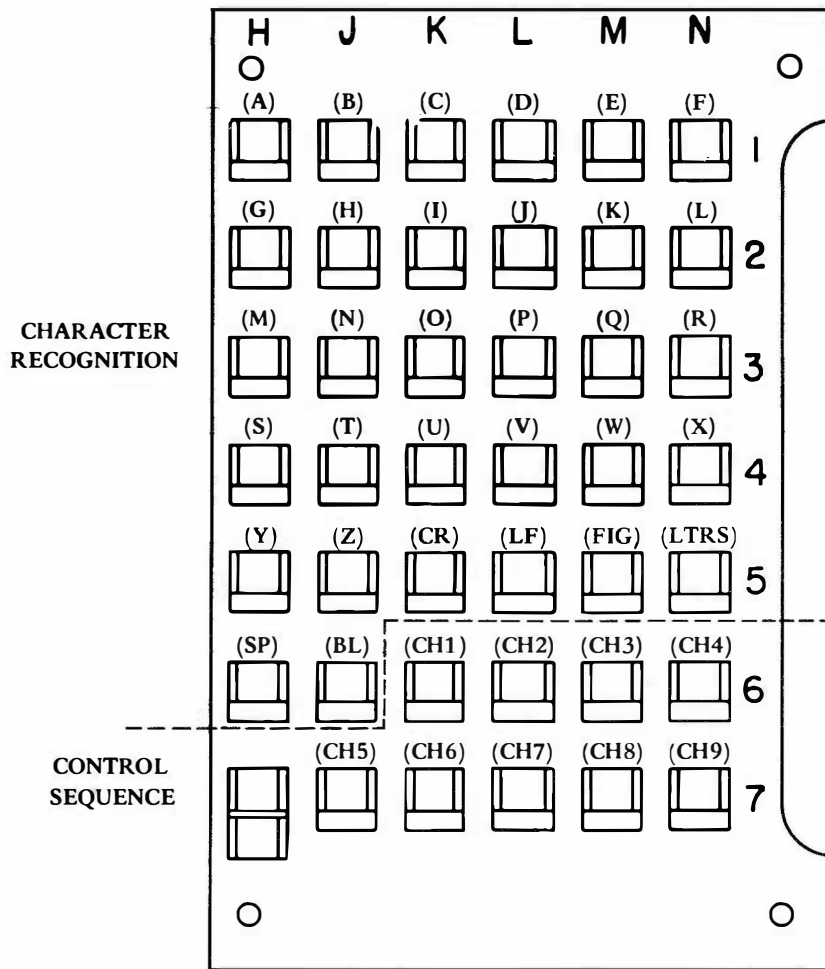


Figure 4 - Terminal Board "A"

TABLE C

PROGRAMMING (STRAPPING) TERMINAL BOARD "A"

CONTROL SEQUENCE FUNCTION	CONTROL SEQUENCE	STRAPPING TERMINALS		CHARACTER STRAPPED
		FROM	TO	
START OF MESSAGE	CH1	A-6K	A-1K	C
	CH2	A-6L	A-5J	Z
	CH3	A-6M	A-1K	C
START OF ADDRESSES	CH4	A-6N	A-1N	F
	CH5	A-7J	A-3H	M
START OF INDIVIDUAL ADDRESSES	CH6	A-7K	A-5K	CR
	CH7	A-7L	A-5K	CR
END OF ADDRESSES	CH8	A-7M	A-1J	B
	CH9	A-7N	A-4J	T

- 3.08 Operate the transmitter distributor STOP-RUN switch to RUN. The TD should not run. This is because there are no SELECT keys operated and thus no C relays operated. Restore the STOP-RUN switch to STOP.
- 3.09 Operate all the SELECT keys.
- 3.10 Operate the TD STOP-RUN switch to RUN.
- The TD should run.
 - The monitor printer should operate.
 - All reperforators should operate.
- 3.11 When the Start-of-Message Sequence CZCZ is read the TD should stop (option A).
- 3.12 Restart the TD by operating the RLS key.
- 3.13 After the Start-of-Address sequence is read, the logic is prepared for the CR-CR-LF sequence. Upon reading this sequence the TD will stop.
- 3.14 Set the CONNECT switch to Position 1. Operate the RLS key. The TD should start and Reperforator 1 and the monitor printer should operate. Reperforators 2 thru 8 should remain closed.
- 3.15 Upon reading CR-CR-LF the transmitter should stop.
- 3.16 Set the CONNECT switch on Position 2. Operate the RLS key. The TD should start and the monitor printer and Reperforator 2 should operate.
- 3.17 Repeat for all remaining reperforators.
- 3.18 Upon reading CR-CR-LF the TD should stop. Restart the TD by operating the RLS key.
- 3.19 Upon reading the End of Address code BT all reperforators and the monitor printer should operate to copy the message text.
- 3.20 Either a tape-out condition or the reading of the Start-of-Message code CZCZ will stop the TD.
- 3.21 Restart the tape from the beginning. While the transmitter is operating, open the tape gate. The transmitter should stop.
- 3.22 Close the gate and operate both the RLS and CLR keys at the same time. Normal operation should resume.

TROUBLESHOOTING REFERENCES

3.23 Troubleshooting may be accomplished by operation of the segregator in accordance with the checkout procedures of this section to determine the point of operational failure. The probable causes of the failure can then be determined by reference to the circuit description and schematic wiring diagrams of WDP0116 shipped with the equipment. If WDP0116 is not available, the same information (applicable only as of the date of issue) may be obtained from Section 573-114-400TC. This WDP and section also contain actual wiring (cabling) diagrams which may be useful for replacing damaged circuit elements or wiring. Refer to Table A for a list of associated literature. Refer to Section 570-005-800TC for standard maintenance tools.

4. REINSTALLATION ADJUSTMENTS AFTER DISASSEMBLY FOR REPAIRS

4.01 If disassembly is necessary, check the requirements of related Figures 5 through 9 before placing the segregator back in service, then operate the segregator through the checkout procedures of paragraphs 3.01 through 3.22.

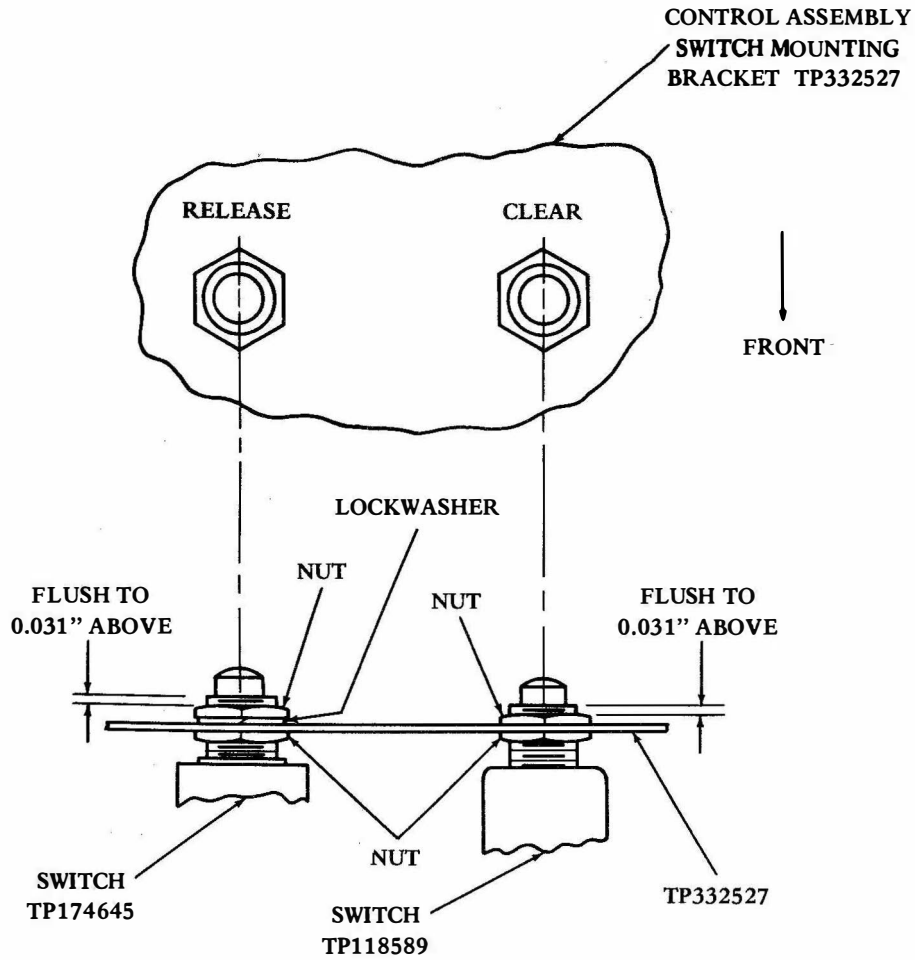


Figure 5 - RELEASE and CLEAR Switch Mounting

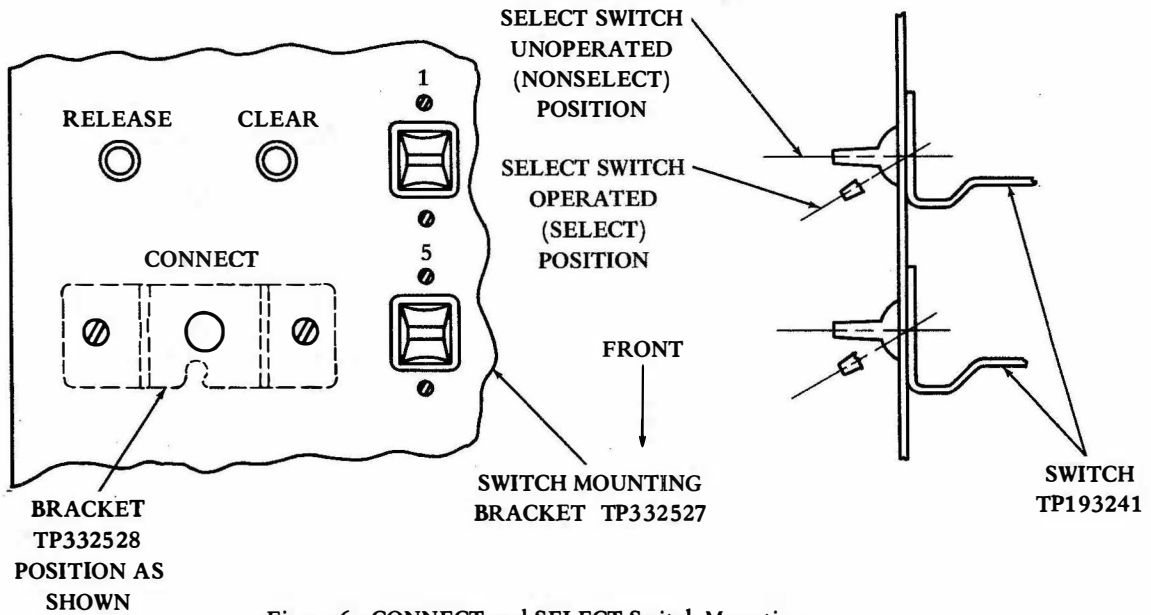
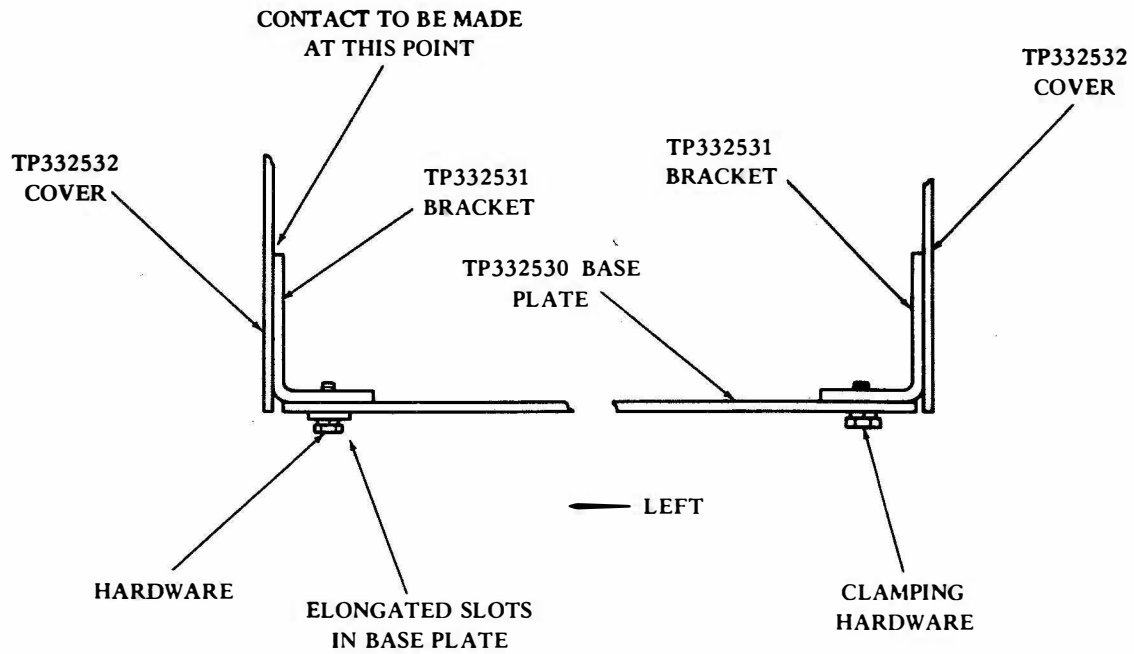
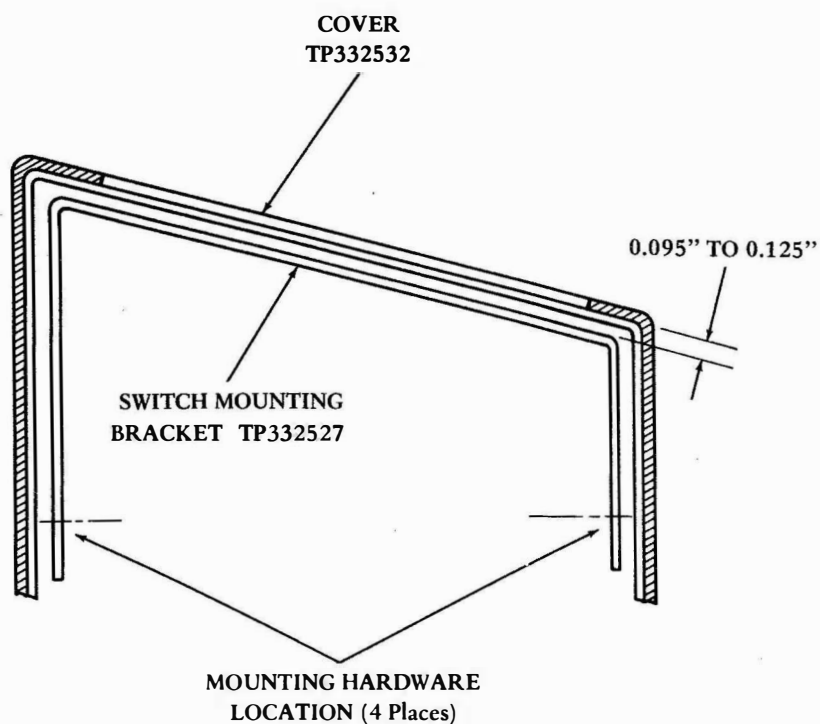


Figure 6 - CONNECT and SELECT Switch Mounting



Note: Clamp bracket (TP332531) on right side to base plate (TP332530) with hardware. Position bracket (TP332531) on left side so that contact is made with cover (TP332532). Clamp bracket (TP332531) to base plate (TP332530) on left side with hardware located in slotted holes.

Figure 7 - Cover Bracket Assembly Positioning



Note: With cover (TP332532) in place and switch mounting bracket (TP332527) hardware friction tight, position switch mounting bracket (TP332527) to desired clearance of 0.095 inch to 0.125 inch. Carefully remove cover, then clamp switch mounting bracket in place.

Figure 8 - Switch Mounting Bracket Position in Cover

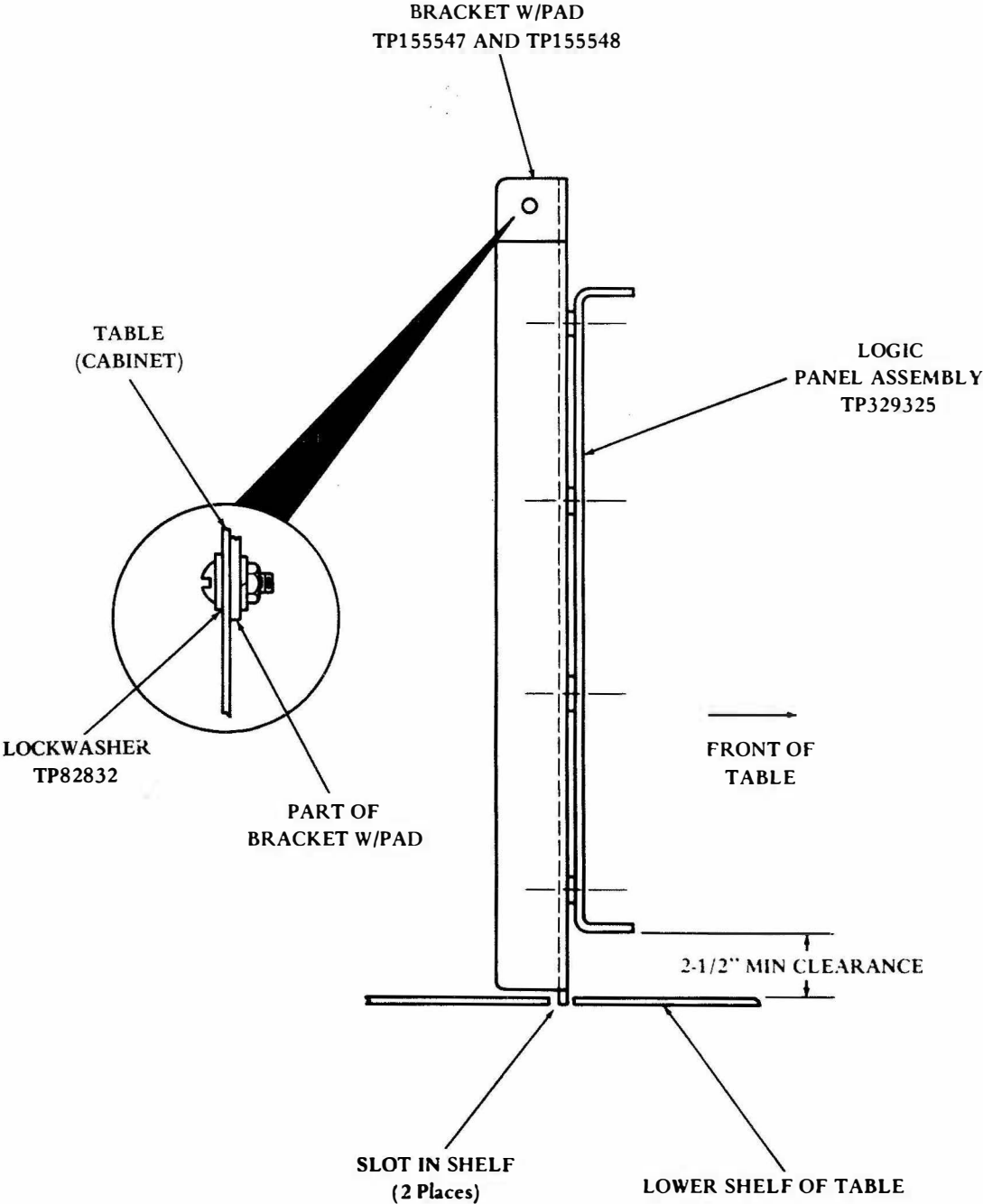


Figure 9 - Logic Panel Position in Table

MANUAL MESSAGE ADDRESS SEGREGATOR
 CIRCUIT DESCRIPTION, SCHEMATIC AND
 ACTUAL WIRING DIAGRAMS

1. GENERAL

1.01 This section provides the circuit description, schematic and actual wiring diagrams for the Manual Message Address Segregator. For description and operation, refer to Section 573-114-100TC. Installation and checkout procedures can be found in Section 573-114-200TC.

1.02 The attached material consists of Teletype Corporation diagrams. Part 2 WIRING DIAGRAM INDEX lists the title in the first column, the number of control and diagram sheets in the second column, the identification number in the third column, and the last column lists either the current issue number of the control sheet covering all sheets of the diagram or the issue number of any diagram that does not have an issue control sheet.

2. WIRING DIAGRAM INDEX

TITLE	TOTAL CONTROL AND DIAGRAM SHEETS	DIAGRAM NUMBER	CONTROL SHEET OR DIAGRAM ISSUE
SCHEMATIC WIRING DIAGRAMS			
Manual Message Address Segregator Wiring Diagram Package	2	WDP0116	2
Manual Message Address Segregator	37	8617WD	2
28 Transmitter Distributor LXD44	3	8615WD	1
Transmitter Distributor Base LXDB21 and Motor Unit LMU19	3	8616WD	1