

# STATION, KEY, PBX, AND PRIVATE SERVICE SYSTEMS INDEX



## INTRODUCTION

This manual provides an index of Bell System Practices covering Customer Products Equipment and Apparatus in Convenient Form. For items not contained in this index refer to the Master Alphabetical Index, Section 000-000-001 or to the Master Numerical Index, Section 000-000-000 and the Appropriate Division Numerical Index.

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## ALPHABETIC-NUMERIC INDEX STATION, KEY, PBX, AND PRIVATE SERVICE SYSTEMS

### 1. GENERAL

1.01 This section provides an alpha-numeric index of sections required for the installation and maintenance of customer product equipment and apparatus.

1.02 This section is reissued to update the alpha-numeric index.

1.03 This index combines the features of both alphabetic and numeric indexes. Sections can be located by referring first to the common nomenclature or ordering nomenclature, then referring to a major indention for the type of information such as Identification, Installation, Maintenance, Reference, Service, etc., and then to the alphabetical or numerical listing.

1.04 Many of the section numbers in this index are preceded by a two letter symbol such as SA. This symbol indicates that the section is contained in a service manual in addition to the standard BSP files.

Here is a list of the symbols and the service manual to which they refer.

SA—Station Service Manual I  
SB—Station Service Manual II  
SC—Station Specialties Service Manual I  
SD—Station Specialties Service Manual II  
CA—Coin Service Manual I  
CB—Coin Service Manual II  
IA—Interconnect Service Manual I  
IB—Interconnect Service Manual II  
KA—Key Service Manual I  
KB—Key Service Manual II  
KC—Key Service Manual III  
PA—Dial PBX Service Manual

### NOTICE

Not for use or disclosure outside the  
Bell System except under written agreement

## SECTION 460-000-006

AC-TYPE (USED WITH 220-, 226-, 2220-,  
AND 2226-TYPE HAND TELEPHONE SET)

Service  
Telephone Base SA502-322-400

ACCESS CIRCUIT (SD-66885-01);  
STATION—SEE STATION ACCESS CIRCUIT  
(SD-66885-01)

ACCESS LINE CIRCUIT (SD-5E000-01);  
PBX—SEE PBX ACCESS LINE CIRCUIT  
(SD-5E000-01)

ACCESS LINE SHARING CIRCUIT;  
AUTOVON—SEE AUTOVON ACCESS LINE  
SHARING CIRCUIT

ACCESS LINES (AUTOVON)  
PBX  
General Description 981-270-100

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ACCESS LINES

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Dedicated Plant 462-600-200  
Pole-Mounted  
Dedicated Plant 462-600-200  
Strand-Mounted  
Dedicated Plant 462-600-200  
Wall-Mounted  
Dedicated Plant 462-600-200

ACD—SEE AUTOMATIC CALL DISTRIBUTING  
SYSTEM

AD-TYPE (USED WITH 220-, 226-, 2220-,  
AND 2226-TYPE HAND TELEPHONE SET)

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Telephone Base SA502-322-400

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D-180072 Kit of Parts 463-121-100  
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(SD-1G246-01) 480-510-106

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2870B1M  
TOUCH-A-MATIC\* Adjunct Dial SC501-164-202  
870A1  
TOUCH-A-MATIC\* Adjunct Dial SC501-164-201  
870B1M  
TOUCH-A-MATIC\* Adjunct Dial SC501-164-202

Identification  
2870A1  
TOUCH-A-MATIC\* Adjunct Dial SC501-164-201  
2870B1M  
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870B1M  
TOUCH-A-MATIC\* Adjunct Dial SC501-164-202

Maintenance  
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2870A1  
TOUCH-A-MATIC\* Adjunct Dial SC501-164-201  
2870B1M  
TOUCH-A-MATIC\* Adjunct Dial SC501-164-202  
870A1  
TOUCH-A-MATIC\* Adjunct Dial SC501-164-201  
870B1M  
TOUCH-A-MATIC\* Adjunct Dial SC501-164-202

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FORCE—SEE FORCE ADMINISTRATIVE DATA  
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551-730-501

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761A Private Branch Exchange

551-710-501

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No. 6A Order Turret

475-600-310

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542-010-310

702A Private Branch Exchange

543-020-310

711A Private Branch Exchange

542-010-310

740A Private Branch Exchange

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740AX Private Branch Exchange

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740B Private Branch Exchange

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740C Private Branch Exchange

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3A Automatic Call Distributing  
System

476-305-502

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701B Private Branch Exchange

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740AX Private Branch Exchange

546-400-500

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546-400-500

740C Private Branch Exchange

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740E Private Branch Exchange

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750A Private Branch Exchange

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755A Private Branch Exchange

550-550-500

758A Private Branch Exchange

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758B Private Branch Exchange

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812A Private Branch Exchange

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551-258-501

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480-317-500

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238-Type

SA501-226-100

241-Type

SA501-226-101

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277-Type

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700C (Manual Switchboard)			Console	476-210-210
Private Branch Exchange	541-004-665		12- or 14-Type Apparatus	
<i>Operation Tests</i>			Unit	476-210-210
756A Private Branch Exchange	551-182-501		Crown and Power Cables	476-202-210
<b>ATTENDANT 3-WIRE CONNECTORS</b>			Miscellaneous Equipment	
(SD-66643-01 AND SD-66644-01)			Announcement Set	476-215-210
<i>Operation Tests</i>			Area Identification	
702A Private Branch Exchange	543-020-521		Equipment	476-215-210
<b>ATTENDANT 3-WIRE CONNECTORS</b>			Auxiliary Incoming Trunk	
(SD-66663-01 AND SD-66664-01)			Units	476-215-210
<i>Operation Tests</i>			Auxiliary Trunk Unit	476-215-210
702A Private Branch Exchange	543-020-520		Detector Unit 20-Cycle	476-215-210
<b>ATTENDANT, CALL, ANSWER, AND SWITCHING</b>			Hold Unit	476-215-210
WITH ROTARY DIAL; CONSOLE—SEE CONSOLE			<i>Method of Connecting to</i>	
ATTENDANT, CALL, ANSWER, AND SWITCHING			<i>Distributing Frame</i>	
WITH ROTARY DIAL			House and Feeder Cables	
<b>ATTENUATORS</b>			Basic Cabinet	476-204-200
<i>Procedures for Cleaning and</i>			First Supplementary Cabinet	476-204-202
<i>Treatment</i>	069-321-801		Second Supplementary	
<b>AUDIBLE AND VISUAL SIGNALING</b>			Cabinet	476-204-204
Key Telephone Unit			Transfer Cabinet	476-204-206
<i>Connections</i>			Supervisor Position Lamp	
<i>Identification</i>			Cabinet	476-214-210
227A	KB518-310-401		Supervisor Telephone Position	476-212-210
227B	KB518-310-401		<i>Method of Providing</i>	
<b>AUTOMATIC CALL DISTRIBUTING SYSTEM</b>			Service Options (Trunks,	
<i>Connection</i>			Position Units, Night	
Traffic Usage Recorder 3B	476-100-104		Connections, and Registers)	476-218-210
<i>Description</i>			<i>Operation Tests</i>	
Test Set (KS-21055 NATIS)	476-100-101		Alarms	476-222-501
Traffic Usage Recorder 3B	476-100-104		FADS Registers	476-223-501
<i>Installation</i>			Force Administrative Data	
Test Set (KS-21055 NATIS)	476-100-101		System (FADS)	476-256-501
Traffic Usage Recorder 3B	476-100-104		Supervisor Telephone Position	476-227-501
<i>Maintenance</i>			Traffic Registers	476-223-501
Test Set (KS-21055 NATIS)	476-100-101		<i>Operation Tests Using Test Set</i>	
<i>Operation Tests</i>			(SD-65983-01, J53131AG)	
Trunk Identification Control			Attendant Telephone Position	476-225-501
Circuit J53131W	476-100-501		Automatic Selection and	
<i>Testing</i>			Auxiliary Trunk Circuit (for	
Traffic Usage Recorder 3B	476-100-104		Outward Service From Attendant	
<i>Tests</i>			Position SD-66790-01)	476-243-501
Test Set (KS-21055 NATIS)	476-100-101		Auxiliary Trunk Circuit (for	
<i>Trouble Locating</i>			Outward Service from	
Traffic Usage Recorder 3B	476-100-104		Switchboard to Central Office)	476-249-501
1-S			Incoming Trunk Circuit	476-237-501
<i>Circuit Tests</i>	475-100-520		Link, Controller, and Gate	
<i>Installation</i>	475-100-210		Circuit	476-229-501
2A			Night Service Trunk Circuit	476-247-501
<i>Distributing Frame Cross</i>			<i>Tests</i>	
<i>Connections</i>	476-216-210		Force Administration Data	
<i>Distribution</i>			System (FADS)	476-100-106
Force Administration Data			<i>Tests and Inspection at Time of</i>	
System (FADS)	476-100-106		<i>Installation</i>	476-220-210

## AUTOMATIC CALL DISTRIBUTING SYSTEM (Cont)

2B		
	<i>Acceptance</i>	476-270-503
	<i>Cabling and Cross Connects</i>	476-270-203
	<i>Distribution</i>	
	Force Administration Data System (FADS)	476-100-106
	<i>General Description</i>	981-235-101
	<i>Identification</i>	476-270-201
	<i>Installation</i>	476-270-201
	Force Administration Data System (FADS)	476-100-106
	<i>Method of Operation</i>	
	Centralized Attendant Service Consoles	476-271-301
	<i>Method of Operation (Large 2B ACD Attendant Application)</i>	
	Consoles	476-270-302
	<i>Method of Providing</i>	
	Cabinet Crown Strapping and Cabling	476-270-202
	Service Options	476-270-204
	<i>Methods of Operation (Small 2B ACD Attendant Application)</i>	
	Telephone Sets	476-270-303
	<i>Miscellaneous Equipment</i>	
	<i>Connections</i>	476-270-205
	<i>Operation Tests</i>	476-270-503
	<i>Tests</i>	
	Force Administration Data System (FADS)	476-100-106
	<i>Tests and Inspection at Time of Installation</i>	476-270-501
	<i>Trouble Locating Information</i>	476-270-301
3A		
	<i>Connections</i>	
	12B Telephone Console	476-303-412
	<i>Distribution</i>	
	Force Administration Data System (FADS)	476-100-106
	<i>General Description</i>	981-236-100
	<i>Installation</i>	
	Force Administration Data System (FADS)	476-100-106
	<i>Method of Connecting</i>	
	10- or 11-Type Telephone Console	
	Attendant Telephone Position	476-303-410
	12- or 14-Type Apparatus Unit	
	Attendant Telephone Position	476-303-410
	<i>Operation Tests</i>	
	Alarms	476-305-501
	Alarms	476-305-502
	Announcement Trunk Circuit (SD-65979-01)	476-321-501
	Attendant Line Circuit (SD-65977-01)	476-332-501
	Attendant Telephone Position	476-307-501
	Attendant Trunk (SD-65964-01)	476-325-501
	Auxiliary Incoming Trunk Circuit (SD-1E070-01)	476-332-501
	Auxiliary Trunk Circuit (SD-65972-01)	476-332-501

## AUTOMATIC CALL DISTRIBUTING SYSTEM (Cont)

3A (Cont)		
	<i>Operation Tests (Cont)</i>	
	Delayed Answer Announcement Circuit (SD-65971-01)	476-319-501
	FADS Registers	476-335-501
	Finder Circuits (8-Wire SD-65962-01 and SD-65975-01)	476-312-501
	Force Administrative Data System (FADS)	476-344-501
	Incoming Trunk Group	
	Peg Count Totalizer (SD-65981-01)	476-324-501
	Incoming Trunks (SD-65961-01 and SD-65978-01)	476-323-501
	Load Balancing and Overflow Common Control Circuit (SD-5E022-01)	476-337-501
	Night Service Trunk (SD-65967-01)	476-325-501
	Overflow Control Circuit (SD-5E026-01)	476-338-501
	Overflow Trunk Circuit (SD-5E032-01)	476-339-501
	Selectors	476-314-501
	Split Gate Finder Circuit (SD-5E035-01)	476-313-501
	Split Gate Group Circuit (SD-5E050-01)	476-313-501
	Supervisor Telephone Position	476-309-501
	Traffic Registers	476-335-501
	Transfer Trunk (SD-65970-01)	476-328-501
	Transfer Trunk (SD-65976-01)	476-328-502
	<i>Operation Tests from Selector Levels using Dial Hand Test Set</i>	
	Trunks	476-330-501
	<i>Rotary, Cut-In, and Release Tests Using Dial Hand Test Set</i>	
	Selectors	476-314-502
	<i>Tests</i>	
	Force Administration Data System (FADS)	476-100-106
4A		
	<i>Maintenance</i>	476-400-300
	<i>Method of Operation</i>	476-400-300
	<b>AUTOMATIC CALL DISTRIBUTORS (ACD)</b>	
	2-Type	
	<i>Adjustments</i>	
	<i>Requirements</i>	
	<i>Trouble Analysis</i>	
	KS-12068, L7	
	Recorder Reproducer	476-100-701
	Trunk Identification	
	Announcement Amplifiers	476-100-701
	3-Type	
	<i>Adjustments</i>	
	<i>Requirements</i>	
	<i>Trouble Analysis</i>	
	KS-12068, L7	
	Recorder Reproducer	476-100-701
	Trunk Identification	
	Announcement Amplifiers	476-100-701
	<b>AUTOMATIC DIALER</b>	
	<i>Connections</i>	

**AUTOMATIC DIALER (Cont)***Connections (Cont)*

KS-19594

Switchboard and

Miscellaneous Key Equipment

SD512-125-430

Telephone Sets with Rotary

Dials

SD512-125-400

Telephone Sets with

TOUCH-TONE® Dials

SD512-125-410

*Description*

KS-19594

512-125-100

*Installation*

KS-19594

512-125-200

*Maintenance*

KS-19594

SD512-125-300

*Operation*

KS-19594

512-125-100

**RAPIDIAL Automatic Dialer***Connections**Identification**Installation**Maintenance*

KS-16844

SC512-115-100

**TELARAPID Automatic Dialer***Connections**Description**Installation**Maintenance*

TR350-Type

512-110-100

125-Type

512-110-100

**AUTOMATIC DRILL***General*

B

080-115-101

**AUTOMATIC NUMBER IDENTIFICATION (ANI)****CIRCUIT (SD-1E505-01)***Operation Tests*

ANI Alarm and Message Registers

770A Private Branch

Exchange

534-600-501

801A Private Branch

Exchange

534-600-501

812A Private Branch

Exchange

534-600-501

*Trouble Locating Information Using*

Test Set J59204AJ

770A Private Branch Exchange

534-600-301

801A Private Branch Exchange

534-600-301

812A Private Branch Exchange

534-600-301

*Verification Procedures*

ANI Alarm and Message

Registers

770A Private Branch

Exchange

534-600-501

801A Private Branch

Exchange

534-600-501

812A Private Branch

Exchange

534-600-501

**AUTOMATIC NUMBER IDENTIFICATION****(SD-1E505-01)***General Descriptive Information*

Private Branch Exchange

981-013-100

**AUTOMATIC NUMBER IDENTIFICATION****CIRCUIT (SD-1E007-01)***Connections*

757A Private Branch Exchange

551-236-210

**AUTOMATIC NUMBER IDENTIFICATION (Cont)***General Maintenance Procedures*

757A Private Branch Exchange

551-258-300

*Identification*

757A Private Branch Exchange

551-236-210

*Installation*

757A Private Branch Exchange

551-236-210

*Maintenance*

Step-By-Step Private Branch

Exchange

540-518-300

*Manual Verification*

Step-By-Step Private Branch

Exchange

540-518-305

*Manual Verification Procedures*

757A Private Branch Exchange

551-258-305

*Operation Tests*

Step-By-Step Private Branch

Exchange

540-518-501

757A Private Branch Exchange

551-258-501

*Trouble Locating Procedures*

Step-By-Step Private Branch

Exchange

540-518-302

*Trouble Locating Procedures Using*

Test Set J58853J (SD-1E056-01) and

Tektronix Oscilloscope Model 221T

(Type 453 or 453A)

Step-By-Step Private Branch

Exchange

540-518-303

*Trouble Locating Procedures Using*

Test Set (SD-1E056-01, J58853J) and

716C Test Receiver

757A Private Branch Exchange

551-258-302

*Trouble Locating Procedures Using*

Test Set (SD-1E056-01, J58853J) and

Tektronix Oscilloscope Model 221T

(Type 453)

757A Private Branch Exchange

551-258-303

*Verification*

Step-By-Step Private Branch

Exchange

540-518-304

*Verification Procedures*

Step-By-Step Private Branch

Exchange

540-518-306

*Verification Procedures Using Test*

Set J58853J (SD-1E056-01)

757A Private Branch Exchange

551-258-304

**AUTOMATIC SELECTION AND AUXILIARY  
TRUNK CIRCUIT (FOR OUTWARD SERVICE  
FROM ATTENDANT POSITION SD-66790-01)***Operation Tests Using Test Set*

(SD-65983-01, J53131AG)

2A Automatic Call Distributing

System

476-243-501

**AUTOMATIC TIE TRUNK UNIT (J59013J)***Connections**Identification**Installation*

557A Private Branch Exchange

473-601-201

**AUTOMATIC TRUNK LEVEL CIRCUITS**

PBX and Key Telephone Applications

*Connections**Identification**Installation**Maintenance**Operation*

DCK

IA463-332-100

**AUTOMATIC TRUNK LEVEL CIRCUITS (Cont)**

PBX and Key Telephone Applications (Cont)	
Operation (Cont)	
DCL	IA463-332-100
<b>AUTOVON ACCESS LINE SHARING CIRCUIT</b>	
Description	
Lineup	
Testing	
306 Switching System	480-713-501
<b>AUTOVON ACCESS LINES</b>	
Initial Lineup	
Maintenance	
812A Private Branch Exchange	480-801-500
<b>AUTOVON ATTENDANT CONSOLE</b> (155A6E-03L)	
Method of Operation	
812A Private Branch Exchange	480-801-300
<b>AUTOVON OPTION</b>	
Method of Operation	
770A Private Branch Exchange	551-770-304
<b>AUTOVON SERVICE</b>	
400 DIMENSION* Private Branch Exchange	554-010-135
<b>AUXILIARY CABINET, J58849C</b>	
Connections	
Identification	
Installation	
Tests	
800A Private Branch Exchange	553-105-201
<b>AUXILIARY EQUIPMENT</b>	
Connections	
Identification	
Installation	
801A Private Branch Exchange	553-201-202
805A Private Branch Exchange	553-205-202
<b>AUXILIARY INCOMING TRUNK CIRCUIT</b> (SD-1E070-01)	
Operation Tests	
3A Automatic Call Distributing System	476-332-501
<b>AUXILIARY INCOMING TRUNK CIRCUIT</b> (SD-66896-01)	
Connections	
Identification	
Installation	
757A Private Branch Exchange	551-234-212
<b>AUXILIARY INCOMING TRUNK UNITS</b>	
Method of Connecting	
Miscellaneous Equipment	
2A Automatic Call Distributing System	476-215-210
<b>AUXILIARY LINE CIRCUIT (SD-65799-01)</b>	
Operation Tests	
701A Private Branch Exchange	540-188-501
701B Private Branch Exchange	540-188-501
740E Private Branch Exchange	540-188-501
<b>AUXILIARY POSITION CIRCUIT</b> (SD-66874-01) (A&M)	
Operation Tests	
757A Private Branch Exchange	551-281-501
<b>AUXILIARY POSITION CIRCUIT FOR REMOTE TRUNK ANSWERING</b> (SD-66910-01)	
Operation Tests	
756A Private Branch Exchange	551-166-501

**AUXILIARY POSITION CIRCUIT**

<b>(SD-66874-01) (NON-PLUG-IN ARRANGEMENT)</b>	
Connections	
Identification	
Installation	
757A Private Branch Exchange	551-234-211
<b>AUXILIARY POSITION CIRCUIT</b> (SD-66874-01) (PLUG-IN ARRANGEMENT)	
Connections	
Identification	
Installation	
757A Private Branch Exchange	551-234-215
<b>AUXILIARY POWER SUPPLY (SD-5E039-01)</b>	
Connections	
Identification	
Installation	
For Interface Trunk Circuit (SD-66926-01)	473-138-210
For Recorded Telephone Dictation Trunk	473-138-210
<b>AUXILIARY SIGNALS</b>	
Identification	
KS-16301L3, L4, L8	SA463-110-100
KS-8547L1, L2, L3, L4	SA463-110-100
Back Box	
Identification	
KS-16301L9, L11, L19	SA463-110-100
Bells	
Identification	SA463-110-100
Chime	
Identification	
KS-16301, L1	SA463-110-100
KS-8229L13, L14, L15, L23	SA463-110-100
Horns	
Identification	
KS-16301L2, L5, L6	SA463-110-100
Relay	
Identification	
KS-16301L15, L16, L17	SA463-110-100
KS-20614	SA463-110-100
<b>AUXILIARY TIE TRUNK CIRCUIT</b> (SD-66765-01)	
Operation Tests	
757A Private Branch Exchange	551-294-501
<b>AUXILIARY TRUNK CIRCUIT (FOR OUTWARD SERVICE FROM SWITCHBOARD TO CENTRAL OFFICE)</b>	
Operation Tests Using Test Set (SD-65983-01, J53131AG)	
2A Automatic Call Distributing System	476-249-501
<b>AUXILIARY TRUNK CIRCUIT (SD-65972-01)</b>	
Operation Tests	
3A Automatic Call Distributing System	476-332-501
<b>AUXILIARY TRUNK CIRCUIT (SD-67075-01)</b>	
Circuit Tests	
758A Private Branch Exchange	551-415-500
758C Private Branch Exchange	551-542-500
<b>AUXILIARY TRUNK CIRCUITS (SD-66896-01 FOR E AND M LEAD SIGNALING)</b>	
Operation Tests	
757A Private Branch Exchange	551-295-501

**AUXILIARY TRUNK UNIT***Method of Connecting**Miscellaneous Equipment*

2A Automatic Call

Distributing System

476-215-210

**AXES***Description*

081-745-102

**B LEAD SLEEVE SLITTER***Description*

081-780-105

**B STATION WIRE***Identification**Installation*

Station Wire and Associated

Apparatus

SB461-200-206

**B STUD DRIVER***Description*

075-130-301

*Maintenance*

075-130-301

*Operation*

075-130-301

**BACKBOARDS***General*

Coin Telephone Stations

CA506-100-101

*Identification*

Assembly, ED-69368-50, G-1

KA463-130-100

Cover, Screen, D-180313

KA463-130-100

KS-5796L1, L2, L3, L7, L8, L9

KA463-130-100

147A

KA463-130-100

154A

KA463-130-100

155A (MD)

KA463-130-100

156A (MD)

KA463-130-100

163A

KA463-130-100

164A

KA463-130-100

165A

KA463-130-100

166A

KA463-130-100

168D, E, F

KA463-130-100

169A (MD)

KA463-130-100

171A

KA463-130-100

172C (MD)

KA463-130-100

173A, B

KA463-130-100

176A

KA463-130-100

177A

KA463-130-100

180A

KA463-130-100

181A

KA463-130-100

182B

KA463-130-100

183A1, A2, B1

KA463-130-100

184B1

KA463-130-100

185A1

KA463-130-100

74

KA463-130-100

81

KA463-130-100

*Installation*

Assembly, ED-69368-50, G-1

KA463-130-100

Cover, Screen, D-180313

KA463-130-100

KS-5796L1, L2, L3, L7, L8, L9

KA463-130-100

147A

KA463-130-100

154A

KA463-130-100

155A (MD)

KA463-130-100

156A (MD)

KA463-130-100

163A

KA463-130-100

164A

KA463-130-100

165A

KA463-130-100

166A

KA463-130-100

168D, E, F

KA463-130-100

169A (MD)

KA463-130-100

171A

KA463-130-100

172C (MD)

KA463-130-100

173A, B

KA463-130-100

176A

KA463-130-100

**BACKBOARDS (Cont)***Installation (Cont)*

177A

KA463-130-100

180A

KA463-130-100

181A

KA463-130-100

182B

KA463-130-100

183A1, A2, B1

KA463-130-100

184B1

KA463-130-100

185A1

KA463-130-100

74

KA463-130-100

81

KA463-130-100

**BANK CONTACTS; SELECTOR—SEE SELECTOR****BANK CONTACTS****BANKS***Cleaning Requirements and Procedures*

069-501-801

*Removal of Lateral Silver Migration**Deposits and Carbonization*

Associated with 197- and

198-Type Switches

069-501-802

**BANKS WITH ROTARY SELECTORS**

10-Type

069-311-801

11-Type

069-311-801

26-Type

069-311-801

27-Type

069-311-801

32-Type

069-311-801

**BANKS; ASSOCIATED—SEE ASSOCIATED****BANKS****BASE HEATER***Identification**Installation**Maintenance*

KS-14782

Telephone Answering Set

514-114-100

**BASE; INSULATING—SEE INSULATING BASE****BASE; TELEPHONE—SEE TELEPHONE BASE****BASIC AND SUPPLEMENTARY MODULES***Connections*

701PK Private Branch Exchange

542-015-203

**BATTERY FEEDERS***Resistance Measurements**Customer Equipment*

460-260-545

**BATTERY, AUXILIARY SIGNAL, NIGHT ALARM AND FUSE ALARM; GENERATOR,—SEE GENERATOR, BATTERY, AUXILIARY SIGNAL, NIGHT ALARM AND FUSE ALARM****BAY; EQUIPMENT—SEE EQUIPMENT BAY****BEAM CLIP***General*

B

080-720-150

**BELLS; BUZZERS AND—SEE BUZZERS AND BELLS****BELT; BODY—SEE BODY BELT****BILLING INFORMATION TRANSMITTER (BIT)***Maintenance Procedures*

758C Switching System

551-560-300

**BINDER; DIRECTORY—SEE DIRECTORY****BINDER****BINDING POST CAP**

B

SB460-110-100

C

SB460-110-100

D

SB460-110-100

E

SB460-110-100

F

SB460-110-100

G

SB460-110-100

H

SB460-110-100

## BINDING POST CUTTER

## Description

B

081-760-115

## BIT PERFORMANCE MONITOR

## Description

758C Switching System

551-560-100

## Maintenance Procedures

758C Switching System

551-560-300

## Method of Operation

758C Switching System

551-560-100

## BIT; WRAPPING—SEE WRAPPING BIT

## BLANKS; APPARATUS—SEE APPARATUS

## BLANKS

## BLOCK WIRING; DROP AND—SEE DROP AND

## BLOCK WIRING

## BLOCK; CONNECTING—SEE CONNECTING

## BLOCK

## BLOCK; MATRIX—SEE MATRIX BLOCK

## BLOCK; 82-TYPE CONNECTING—SEE 82-TYPE

## CONNECTING BLOCK

## BLOWER UNIT; LIGHT AND—SEE LIGHT AND

## BLOWER UNIT

## BODY BELT

## Description

Use

B

SB081-720-101

## BODY BELT; CUSHION—SEE CUSHION BODY

## BELT

## BODY BELT; FABRIC—SEE FABRIC BODY

## BELT

## BODY BELT; LEATHER—SEE LEATHER BODY

## BELT

## BOFADS—SEE BUSINESS OFFICE FORCE

## ADMINISTRATIVE DATA SYSTEM (BOFADS)

## BOLT; TOGGLE—SEE TOGGLE BOLT

## BOOTH

## Electric Grounding and Wiring

## Requirements

## Metal

CB508-100-100

## Indoor

## Identification

KS-19206

CB508-202-100

KS-19340

508-201-100

KS-19442

CB508-204-100

KS-20630

508-203-100

10-Type

508-200-100

11-Type

508-200-100

5-Type

508-200-100

6-Type

508-200-100

## Installation

KS-19206

CB508-202-100

KS-19340

508-201-100

KS-19442

CB508-204-100

KS-20630

508-203-100

## Maintenance

KS-19206

CB508-202-100

KS-19340

508-201-100

KS-19442

CB508-204-100

KS-20630

508-203-100

## Indoor-Outdoor

## Identification

## Installation

## Maintenance

KS-16797

CB508-300-100

KS-19425

Universal II

CB508-301-100

## BOOTH (Cont)

## Outdoor

## Conversion of KS-14611L2 (MD)

## Calling Assembly Type to L3

KS-14611

CB508-401-100

## Identification

KS-14611

CB508-401-100

KS-19580 (Airlight II and IIA)

CB508-402-100

KS-21716 (Airlight III)

CB508-403-100

9-Type

508-400-100

## Installation

KS-14611

CB508-401-100

KS-19580 (Airlight II and IIA)

CB508-402-100

KS-21716 (Airlight III)

CB508-403-100

9-Type

508-400-100

## Maintenance

KS-14611

CB508-401-100

KS-19580 (Airlight II and IIA)

CB508-402-100

KS-21716 (Airlight III)

CB508-403-100

9-Type

508-400-100

## Outdoor Diamond Kiosk

## Identification

## Installation

## Maintenance

KS-20255

CB508-430-100

## BOOTH AND SHELF

## Cleaning

508-100-101

## BOOTH—SEE ALSO PUBLIC TELEPHONE

## BORING BIT; WOOD—SEE WOOD BORING BIT

## BOX TERMINAL; WALL—SEE WALL BOX

## TERMINAL

## BOX; APPARATUS—SEE APPARATUS BOX

## BRACKET; CORNER—SEE CORNER BRACKET

## BRACKET; HOUSE—SEE HOUSE BRACKET

## BRACKET; MOUNTING—SEE MOUNTING

## BRACKET

## BRACKET; SIGN—SEE SIGN BRACKET

## BRACKETS

## Mounting Buzzers in Telephone Sets

SA501-120-100

## Mounting Pushbutton Signaling Keys

## on Telephone Sets

75A

463-215-100

76A

463-215-100

77A

463-215-100

## BRAID STRIPPER

## Description

## Maintenance

C

081-760-100

## BRANCH EXCHANGE B; PRIVATE—SEE PRIVATE

## BRANCH EXCHANGE B

## BRANCH EXCHANGE; PRIVATE—SEE PRIVATE

## BRANCH EXCHANGE

## BRIDGING CONNECTORS

Drop and Block Wiring

462-030-115

## BRIDLE TOGGLE RING

## General

080-720-117

## BRIDLE; RING—SEE RING BRIDLE

## BRILLING INFORMATION TRANSMITTER (BIT)

## Description

## Method of Operation

758C Switching System

551-560-100

## BRUSH TIPS; FEEDER—SEE FEEDER BRUSH

## TIPS

<b>BURIED WIRE TERMINATIONS</b>			
<i>Reference</i>			
Buried Plant General Precautions	SB460-300-143		
<b>BUSINESS INTERPHONE—SEE COMMUNICATION SYSTEM</b>			
<b>BUSINESS OFFICE FORCE ADMINISTRATIVE DATA SYSTEM (BOFADS)</b>			
<i>Connections</i>			
<i>Description</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Tests</i>			
1A1 Key Telephone Systems	476-360-101		
1A2 Key Telephone Systems	476-360-101		
<b>BUSINESS PHONE TRAINER</b>			
<i>Description</i>			
<i>Maintenance</i>			
KS-21102	473-401-100		
KS-21564	473-401-101		
<b>BUSY TONE TRUNK</b>			
<i>Operation Tests</i>			
756A Private Branch Exchange	551-185-501		
757A Private Branch Exchange	551-285-501		
<b>BUSY-TONE TRUNK (5D-65919-01)</b>			
<i>Operation Test</i>			
758A/B Switching System	551-470-506		
<i>Operation Tests</i>			
758B Private Branch Exchange	551-442-501		
<b>BUTTONS; COLORED—SEE COLORED BUTTONS</b>			
<b>BUZZERS AND BELLS</b>			
<i>Reference</i>	SA501-120-100		
<b>CABINET (26-PLATE); APPARATUS—SEE APPARATUS CABINET (26-PLATE)</b>			
<b>CABINET (45-PLATE); APPARATUS—SEE APPARATUS CABINET (45-PLATE)</b>			
<b>CABINET FLOOR-SUPPORTED (PER ED-69488-50, GROUP 1)</b>			
<i>Identification</i>			
Equipment Cabinet	KA463-140-100		
<b>CABINET; DIRECTORY—SEE DIRECTORY CABINET</b>			
<b>CABINET; EQUIPMENT—SEE EQUIPMENT CABINET</b>			
<b>CABINET; FLOOR-SUPPORTED—SEE FLOOR-SUPPORTED CABINET</b>			
<b>CABINET, J58849C; AUXILIARY—SEE AUXILIARY CABINET, J58849C</b>			
<b>CABINETS; SWITCHING—SEE SWITCHING CABINETS</b>			
<b>CABLE</b>			
<i>Marking Physical Location</i>	KA460-110-130		
<b>CABLE CLASP</b>			
<i>General</i>	080-720-147		
<b>CABLE EQUALIZERS</b>			
<i>Description</i>			
Key Telephone System			
Initial Service (Phase 0)			
PICTUREPHONE® Service (Baseband Video Transmission)	518-800-103		
<i>Video Loop Facility Alignment</i>			
Initial Service (Phase 0)			
PICTUREPHONE® Service (Baseband Video Transmission)	518-800-510		
<b>CABLE EQUALIZERS (Cont)</b>			
<i>Video Loop Facility Trouble Location</i>			
Initial Service (Phase 0)			
PICTUREPHONE® Service (Baseband Video Transmission)	518-800-512		
<b>CABLE REEL; CARRIER—SEE CARRIER CABLE REEL</b>			
<b>CABLE STRIPPER</b>			
<i>Description</i>	081-780-102		
<b>CABLE TERMINAL BOX</b>			
<i>Identification</i>			
<i>Installation</i>			
<i>Wiring</i>			
G-Type	461-601-100		
<b>CABLE; WIRE AND—SEE WIRE AND CABLE CABLES</b>			
<i>Protection of Installation</i>			
720-Type	069-100-811		
721-Type	069-100-811		
<b>CABLES; CONNECTOR—SEE CONNECTOR CABLES</b>			
<b>CABLING; WIRING AND—SEE WIRING AND CABLING</b>			
<b>CALL DIRECTOR® TELEPHONE</b>			
<i>Connections</i>			
2630-Type			
4A Speakerphone System	SD512-730-400		
2631-Type			
4A Speakerphone System	SD512-730-400		
2632-Type			
4A Speakerphone System	SD512-730-400		
2634-Type			
4A Speakerphone System	SD512-730-400		
630-Type			
4A Speakerphone System	SD512-730-400		
631-Type			
4A Speakerphone System	SD512-730-400		
632-Type			
4A Speakerphone System	SD512-730-400		
634-Type			
4A Speakerphone System	SD512-730-400		
635-Type			
4A Speakerphone System	SD512-730-400		
<i>General</i>			
Colored Buttons	463-210-110		
<i>Selection</i>			
CALL DIRECTOR® Telephone Telephone Set	502-000-010		
Telephone Set			
<i>Reference</i>			
1630-Type	502-602-100		
1631-Type	502-602-100		
1632-Type	502-602-100		
1634-Type	502-602-101		
1635-Type	502-602-101		
1636-Type	502-602-101		
1637-Type	502-602-101		
1638-Type	502-602-101		
1639-Type	502-602-101		
2630-Type	502-603-100		
2631-Type	502-603-100		
2632-Type	502-603-100		
2634-Type	502-603-101		
2635-Type	502-603-101		
2636-Type	502-603-101		

	CALL DIRECTOR® TELEPHONE (Cont)	
	Telephone Set (Cont)	
	Service (Cont)	
502-610-408	682A, C	2637-Type
KA502-610-409	684A, B, C, D	2638-Type
KA502-610-417	634DA, DAM	2639-Type
KA502-610-409	635A, C, D	2682-Type
KA502-610-409	635A, C, D	2683-Type
KA502-610-417	635DA, DAM	2688-Type
KA502-610-417	636A, B, C	608-Type
KA502-610-418	636CA, CAM	609-Type
KA502-610-410	637DA, DAM	618-Type
KA502-610-418	637A, B, C, D	617-Type
KA502-610-418	638CA, CAM	617-Type
KA502-610-410	638A, B, C	618-Type
KA502-610-418	638DA, DAM	618-Type
KA502-610-419	639A, C, D	630-Type
502-610-419	639DA, DAM	631-Type
502-610-412	683A, VAM	632-Type
502-610-412	683A, VAM	634-Type
502-610-412	683A, VAM	635-Type
502-610-412	683A, VAM	636-Type
502-610-412	683A, VAM	637-Type
502-610-412	683A, VAM	638-Type
502-610-412	683A, VAM	639-Type
502-610-412	683A, VAM	682-Type
502-610-412	683A, VAM	683-Type
473-310-103	CALL DISTRIBUTING SYSTEM	Service
	4A	
	Reporting/Answering Bureaus	
476-400-200	911 Emergency	
476-400-200	Method of Operation	
476-400-200	Mounting Cords	
476-400-200	CALL DIRECTOR® TELEPHONE SETS	
476-400-200	Connections	1630D
476-400-200	General Descriptive Information	1631D
476-400-200	Identification	1632C
476-400-200	Installation	1634
476-400-200	Method of Operation	1635
476-400-200	Modifications	1636C
476-400-200	Centralized Attendant Service	1637C
476-401-301	CALL DISTRIBUTING SYSTEM;	1638C
	AUTOMATIC—SEE AUTOMATIC CALL	1639D
	DISTRIBUTING SYSTEM	2630D, DAM
	CALL DISTRIBUTION CIRCUIT	2631D
	(5D-65811-01)	2631DA, DAM
	Circuit Tests	2632C
	Step-By-Step Private Branch	2634D
	Exchange	2634DAM
	Operation Tests	2635D
	Alarms	2635DDAM
540-510-500	CALL DISTRIBUTION CIRCUIT	2635DDAM
	(5D-65829-01)	2636C
	Circuit Tests	2636CA, CAM
	Step-by-Step Private Branch	2637D
	Exchange	2637DAM, DAM
	Operation Tests	2638C
	Alarms	2638CA, CAM
540-510-501	CALL DISTRIBUTION CIRCUIT ALARMS	2638D
	(5D-65829-01)	2639DA, DAM
	Operation Tests	2682AA, VAM
	Step-by-Step Private Branch	2683AA, VAM
	Exchange	608B, C
540-510-502	CALL DISTRIBUTORS (ACD); AUTOMATIC—SEE	609A, B
	AUTOMATIC CALL DISTRIBUTORS (ACD)	617A, B
	CALL IDENTIFICATION AND TRUNK GROUP	618A, B
	BUSY LAMP FEATURE; INCOMING—SEE	621A
	INCOMING CALL IDENTIFICATION AND TRUNK	622A
	GROUP BUSY LAMP FEATURE	625A1
	CALL PROGRESS CIRCUIT	630A, B, C, D
	Description	630DA, DAM
	Method of Operation	631A, B, C, D
	758C Switching System	631DA, DAM
551-568-300		



<b>CALL PROGRESS INDICATOR</b>			
<i>Method of Operation</i>			
757A Private Branch Exchange	551-272-301		
758C Private Branch Exchange	551-512-300		
<i>Operation Tests</i>			
757A Private Branch Exchange	551-272-501		
<b>CALL PROGRESS INDICATOR (SD-67058-01)</b>			
<i>Operation Tests</i>			
758C Private Branch Exchange	551-512-500		
<b>CALL RECORDING CIRCUIT</b>			
<i>Operation Tests</i>			
520-Type PEX Emergency Reporting System	473-218-520		
<b>CALL TRANSFER-INDIVIDUAL</b>			
<i>Method of Operation</i>			
701B Private Branch Exchange	540-516-300		
<b>CALL UNIT; CODE—SEE CODE CALL UNIT</b>			
<b>CALL-A-MATIC® REPERTORY DIALER—SEE TELEPHONE SET</b>			
<b>CALLING SYSTEM; CODE—SEE CODE CALLING SYSTEM</b>			
<b>CALLS WAITING SIGNAL CIRCUIT (SD-65845-01)</b>			
<i>Operation Tests</i>			
Step-By-Step Private Branch Exchange	540-517-501		
<b>CAPACITOR, 40BA</b>			
<i>For Telephone Sets</i>			
Radio Signal Suppression	SA500-150-100		
<b>CAPACITORS</b>			
<i>Identification</i>	501-130-100		
<b>CARD DIALER</b>			
<i>Connections</i>			
557A Private Branch Exchange	473-601-201		
<i>General</i>			
Colored Buttons	463-210-110		
<i>Identification</i>			
557A Private Branch Exchange	473-601-201		
<i>Installation</i>			
557A Private Branch Exchange	473-601-201		
Telephone Set			
<i>Connections</i>			
F-58554	502-690-100		
F-58555	502-690-101		
<i>Identification</i>			
F-58554	502-690-100		
F-58555	502-690-101		
<i>Installation</i>			
F-58554	502-690-100		
F-58555	502-690-101		
<i>Maintenance</i>			
F-58554	502-690-100		
F-58555	502-690-101		
<i>Reference</i>			
2660A1M	502-603-121		
2662A1M	502-603-131		
660A1M	502-601-121		
662A1M	502-601-131		
<i>Service</i>			
1660-Type	502-618-400		
1662-Type	502-618-402		
1663-Type	502-618-403		
1664-Type	502-618-404		
2660-Type	SC502-619-400		
2660A1M	SE502-619-405		
2662-Type	SC502-619-402		
<b>CARD DIALER (Cont)</b>			
Telephone Set (Cont)			
<i>Service (Cont)</i>			
2662A1M	SC502-619-406		
2663A1	SC502-619-403		
2664-Type	502-619-404		
660-Type	SC502-617-400		
660A1M	SC502-617-405		
661-Type	502-617-401		
662-Type	SC502-617-402		
662A1M	SC502-617-406		
663-Type	SC502-617-403		
664-Type	502-617-404		
<b>CARD DIALER (0-1 BUTTON)</b>			
Telephone Set			
<i>Reference</i>			
1660-Type	502-602-120		
1663-Type	502-602-120		
2660-Type	502-603-120		
2663-Type	502-603-120		
660-Type	502-601-120		
663-Type	502-601-120		
<b>CARD DIALER (6-BUTTON)</b>			
Telephone Set			
<i>Reference</i>			
1662-Type	502-602-121		
1664-Type	502-602-121		
2662-Type	502-603-130		
2664-Type	502-603-130		
661-Type	502-601-130		
662-Type	502-601-130		
664-Type	502-601-130		
<b>CARD FRAME</b>			
<i>Identification</i>			
<i>Installation</i>			
KS-19928	CB508-811-100		
<b>CARD WRITING UNIT</b>			
2-Type			
<i>Piece-Part Data and Replacement Procedures</i>			
<i>Requirements and Adjusting Procedures</i>			
No. 101 Electronic Switching System	240-315-701		
<b>CARRIER CABLE REEL</b>			
<i>Description and Use</i>			
R-3953	075-145-301		
<b>CART; PHONE—SEE PHONE CART</b>			
<b>CAU (USING KS-20445 CONTROL UNIT)</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
Voice Connecting Arrangement	IA463-340-100		
<b>CBF</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
Protective Connecting Arrangement	IB463-350-104		

<b>CBF (CONNECTING ARRANGEMENT)</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
Protective Connecting			
Arrangement	IB463-350-106		
<b>CDA (ISU F-58003 AND ASSOCIATED F-58004 KTU AND F-58015 CONSOLE)</b>			
Identification			
Installation			
Maintenance			
Operation			
Voice Connecting Arrangement	IB463-350-100		
<b>CDA (USING 700A-TYPE ISU)</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
Voice Connecting Arrangement	463-350-101		
<b>CDB (USING F-58005 IU)</b>			
Connections			
Identification			
Installation			
Maintenance			
Method of Operation			
Voice Connecting Arrangement	463-331-100		
<b>CDB (USING J53050A, L1)</b>			
Connections			
Identification			
Installation			
Maintenance			
Method of Operation			
Voice Connecting Arrangement	IA463-331-101		
<b>CDH (FOR 2-WAY GROUND START CO TRUNKS)</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
Protective Connecting			
Arrangement	IB463-350-104		
<b>CDN (USING 111A IU)</b>			
Connections			
Identification			
Installation			
Maintenance			
Method of Operation			
Voice Connecting Arrangement	IA463-311-103		
<b>CDQ2W (2-WAY DIAL REPEATING)</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
PBX Tie Trunk Interconnecting			
Arrangement Protective			
Connecting Arrangement	IB463-360-101		
<b>CDQ2X (2-WAY DIAL REPEATING)</b>			
Connections			
Identification			
<b>CDQ2X (2-WAY DIAL REPEATING) (Cont)</b>			
Installation			
Maintenance			
Operation			
PBX Tie Trunk Interconnecting			
Arrangement Protective			
Connecting Arrangement	IB463-360-101		
<b>CDQ4W (2-WAY DIAL REPEATING)</b>			
Connections			
Identification			
Installation			
Maintenance			
Method of Operation			
Protective Connecting			
Arrangement	IB463-360-100		
<b>CDQ4X (2-WAY DIAL REPEATING)</b>			
Connections			
Identification			
Installation			
Maintenance			
Method of Operation			
Protective Connecting			
Arrangement	IB463-360-100		
<b>CDX (USING 31A VOICE COUPLER)</b>			
Connections			
Identification			
Installation			
Maintenance			
Voice Connecting Arrangement	IA463-331-104		
<b>CDY (PICK-UP BUTTON, BELL SYSTEM TEL SET)</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
Voice Connecting Arrangement	IA463-312-100		
<b>CD4 (USING 31B VOICE COUPLER)</b>			
Connections			
Identification			
Installation			
Maintenance			
Method of Operation			
Voice Connecting Arrangement	IA463-331-103		
<b>CD5 (USING 111A IU)</b>			
Connections			
Identification			
Installation			
Maintenance			
Method of Operation			
Voice Connecting Arrangement	IA463-311-103		
<b>CD6 (USING 108A IU)</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
Voice Connecting Arrangement	IB463-350-105		
<b>CD7 (1-WAY OUTGOING MANUAL SERVICE)</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
Protective Connecting			
Arrangement	IB463-350-106		

<b>CD8 (1-WAY OUTGOING AUTOMATIC SERVICE)</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
Protective Connecting Arrangement	IB463-350-106		
<b>CD9 (2-WAY LOOP MANUAL SERVICE)</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
Protective Connecting Arrangement	IB463-350-106		
<b>CEBAV (USING 111A IU)</b>			
Connections			
Identification			
Installation			
Maintenance			
Method of Operation			
Voice Connecting Arrangement	IA463-311-106		
<b>CEBAW (USING 111A IU)</b>			
Connections			
Identification			
Installation			
Maintenance			
Method of Operation			
Voice Connecting Arrangement	IA463-311-106		
<b>CEBAX (USING 111A IU)</b>			
Connections			
Identification			
Installation			
Maintenance			
Method of Operation			
Voice Connecting Arrangement	IA463-311-104		
<b>CEBBX (USING 111A IU)</b>			
Connections			
Identification			
Installation			
Maintenance			
Method of Operation			
Voice Connecting Arrangement	IA463-311-104		
<b>CED (USING 101A IU)</b>			
Connections			
Identification			
Installation			
Maintenance			
Method of Operation			
Protective Connecting Arrangement	IB463-350-107		
<b>CEK (USING J5305E IU)</b>			
Connections			
Identification			
Installation			
Maintenance			
Method of Operation			
Voice Connecting Arrangement	IA463-380-100		
<b>CENTRAL OFFICE TRUNK (2-WAY)</b>			
Operation Tests			
756A Private Branch Exchange	551-188-501		
757A Private Branch Exchange	551-293-501		
<b>CENTRAL OFFICE TRUNK (2-WAY, SD-5E006-01)</b>			
Operation Tests			
Step-By-Step Private Branch Exchange	540-540-510		
<b>CENTRAL OFFICE TRUNK (2-WAY, SD-65850-01)</b>			
Operation Tests			
Step-By-Step Private Branch Exchange	540-540-502		
<b>CENTRAL OFFICE TRUNK (2-WAY, SD-65895-01)</b>			
Operation Tests			
Step-By-Step Private Branch Exchange	540-540-509		
<b>CENTRAL OFFICE TRUNK CIRCUITS (SD-99362-01, SD-98051-01)</b>			
Operation Tests			
520-Type PBX Emergency Reporting System	473-218-665		
<b>CENTRAL OFFICE TRUNKS AND TIE TRUNKS</b>			
Operation Tests			
740A Private Branch Exchange	546-400-665		
740AX Private Branch Exchange	546-400-666		
740B Private Branch Exchange	546-400-665		
740C Private Branch Exchange	546-400-665		
<b>CENTRAL OFFICE TRUNKS OUTGOING</b>			
Operation Tests			
757A Private Branch Exchange	551-293-501		
<b>CENTRAL OFFICE TRUNKS; ATTENDANT—SEE ATTENDANT CENTRAL OFFICE TRUNKS</b>			
<b>CENTRAL OFFICE TRUNKS; COMBINATION—SEE COMBINATION CENTRAL OFFICE TRUNKS</b>			
<b>CENTRALIZED ATTENDANT SERVICE</b>			
Connections			
770A Private Branch Exchange	551-770-205		
General Descriptive Information			
DIMENSION* 400	981-012-100		
No. 1 ESS Centrex System	981-012-100		
770A PBX	981-012-100		
812A PBX	981-012-100		
Installation			
770A Private Branch Exchange	551-770-205		
Installation Tests			
770A Private Branch Exchange	551-770-205		
Method of Operation			
2B Automatic Call Distributing System	476-271-301		
27A-Type			
No. 1 (2-Wire, Centrex-PBX Service Electronic Switching System)	540-576-303		
4A Call Distributing System	476-401-301		
770A Private Branch Exchange	551-770-205		
Modifications			
4A Call Distributing System	476-401-301		
Trouble-Locating Procedures			
770A Private Branch Exchange	551-770-205		
<b>CENTRALIZED ATTENDANT SERVICE (CAS)</b>			
Connections			
Identification			
Installation			
Installation Tests			
Method of Operation			
Trouble Locating Procedures			
812A Private Branch Exchange	553-212-204		

CENTREX CO (ARRANGED FOR PHASE I  
CENTREX)

No. 5 Crossbar

*Method of Operation (Fixed Loop  
Termination)*

622-Type

Telephone Set

540-575-321

*Method of Operation (Switched Loop  
Termination)*

622-Type

Telephone Set

540-575-322

*Method of Operation (Fixed Loop  
Termination)*

1-Type

Telephone Console

540-575-321

2-Type

Telephone Console

540-575-321

9A-type

Telephone Console

540-575-321

*Method of Operation (Switched  
Loop Termination)*

1-Type

Telephone Console

540-575-322

2-Type

Telephone Console

540-575-322

CENTREX CO (ARRANGED FOR PHASE II  
CENTREX)

No. 5 Crossbar

*Method of Operation (Fixed Loop  
Termination)*

1-Type

Telephone Console

540-575-311

2-Type

Telephone Console

540-575-311

*Method of Operation (Switched  
Loop Termination)*

1-Type

Telephone Console

540-575-312

2-Type

Telephone Console

540-575-312

CENTREX CO (ARRANGED FOR PHASE III  
CENTREX)

No. 5 Crossbar

*Method of Operation (Fixed Loop  
Termination)*

1-Type

Telephone Console

540-575-301

2-Type

Telephone Console

540-575-301

*Method of Operation (Switched  
Loop Termination)*

1-Type

Telephone Console

540-575-302

2-Type

Telephone Console

540-575-302

## CENTREX CONSOLE CONTROL CABINET

*Equipment Trouble Location  
Procedure*No. 1 (2-Wire) Electronic  
Switching System

540-576-306

No. 2 (2-Wire) Electronic  
Switching System

540-576-306

## CET (USING 102A IU)

*Connections*

## CET (USING 102A IU) (Cont)

*Identification**Installation**Maintenance**Operation*

Voice Connecting Arrangement

IB463-350-108

## CIVIL DEFENSE WARNING SYSTEM

*Connections*

Bell and Lights

480-210-400

*General Description*

981-281-100

*Identification*

Dial Station Assembly,

ED-69245-01, Group 1

480-210-100

Receiving Station Indicator,

J992371, L1

480-210-100

Station Equipment

480-210-100

*Installation*

Bell and Lights

Station Equipment

480-210-200

*Maintenance*

Bell and Lights

Station Equipment

480-210-200

## CLAMP

2A

SA501-136-100

CLASP; CABLE—SEE CABLE CLASP

CLEANER; VACUUM—SEE VACUUM CLEANER

CLEARANCE ATTACHMENT

Drop and Block Wiring

462-300-211

## CLEARANCES

Drop Wire

SB462-070-015

## CLEARANCES AND SEPARATIONS

Aerial Plant

*General*

620-210-011

Clearances and Separations

*Reference*

Joint Use Poles General

Precautions

SB460-300-111

## CLIMBERS

*Description**Fitting**Inspection**Testing Gaffs*

E

SB081-730-101

## CLIMBING POLES

*Safeguards*

Before Climbing Poles or

Working from Strand or

Pole-Supported Equipment

620-131-010

Stepped Poles

620-134-020

Unstepped Poles

620-134-010

## CLIMBING SPACE

On Jointly Used Poles

620-216-014

## CLIP CRIMPER

*Description*

B

081-760-111

CLIP; ADHESIVE—SEE ADHESIVE CLIP

CLIP; BEAM—SEE BEAM CLIP

CLIP; HANGER—SEE HANGER CLIP

CLIP; SUPPORT—SEE SUPPORT CLIP

CLIP; WIRE—SEE WIRE CLIP

CLOCK; SWITCHBOARD—SEE SWITCHBOARD

## CLOCK

## CLOSING AND ALARM CIRCUIT

(SD-65898-01); NIGHT—SEE NIGHT CLOSING  
AND ALARM CIRCUIT (SD-65898-01)

CO (ARRANGED FOR PHASE I CENTREX); CENTREX—SEE CENTREX CO (ARRANGED FOR PHASE I CENTREX)			
CO (ARRANGED FOR PHASE II CENTREX); CENTREX—SEE CENTREX CO (ARRANGED FOR PHASE II CENTREX)			
CO (ARRANGED FOR PHASE III CENTREX); CENTREX—SEE CENTREX CO (ARRANGED FOR PHASE III CENTREX)			
COAXIAL OFFICE CABLES <i>Preparing for Splicing and Termination</i>	069-105-811		
COAXIAL WIRE (E AND F) <i>Description Materials Tools</i>			
Drop and Block Wiring	462-030-140		
CODE CALL UNIT 3A <i>General Description</i>	951-903-100		
CODE CALLING SYSTEM 1A <i>Connections Description Maintenance Use</i>	473-115-400 473-115-100 473-115-300 473-115-100		
1B <i>Connections Description Maintenance Use</i>	473-115-400 473-115-100 473-115-300 473-115-100		
2A <i>Circuit Tests</i>	473-120-520		
3A <i>Connections Identification Installation Operation Test</i>	473-121-101 473-121-101 473-121-101 473-121-520		
CODE-COM Subscriber Set <i>Connections Identification Installation/Test Maintenance</i>	502-201-105		
698A			
COIL AND PROTECTOR SPRING CONTACTS; HEAT—SEE HEAT COIL AND PROTECTOR SPRING CONTACTS			
COIN COLLECTOR SET Local Battery <i>Selection</i>	510-200-100		
Magneto <i>Connections</i>			
150K	510-420-400		
150L	510-420-400		
152C	510-420-401		
152D	510-420-401		
162A	510-420-400		
162B	510-420-400		
162C	510-420-400		
162D	510-420-400		
164C	510-420-401		
164D	510-420-401		
182C	510-420-402		
182D	510-420-402		
COIN COLLECTOR SET (Cont) Postpay <i>Connections</i>			
150K		510-210-420	
152C		510-210-421	
152D		510-210-421	
158GL		510-215-400	
158HL		510-215-400	
162A		510-210-420	
162B		510-210-420	
162C		510-210-420	
162D		510-210-420	
164C		510-210-421	
164D		510-210-421	
168GL		510-215-400	
168HL		510-215-400	
177GL		510-215-401	
177HL		510-215-401	
178GL		510-215-401	
178HL		510-215-401	
182C		510-210-422	
182D		510-210-422	
193GL		510-215-402	
193HL		510-215-402	
Prepay <i>Connections</i>			
155CL		510-210-400	
155DL		510-210-400	
155GL		510-210-400	
155HL		510-210-400	
166CL		510-210-401	
166DL		510-210-401	
166GL		510-210-401	
166HL		510-210-401	
174CL		510-210-402	
174DL		510-210-402	
174GL		510-210-402	
174HL		510-210-402	
176CL		510-210-403	
176DL		510-210-403	
176GL		510-210-403	
176HL		510-210-403	
191CL		510-210-404	
191DL		510-210-404	
191GL		510-210-404	
191HL		510-210-404	
COIN COLLECTORS <i>Reference</i>			
(Subset Required)		CA506-310-100	
1235-Type		CA506-310-101	
235-Type		CA506-310-101	
236-Type		CA506-310-101	
<i>Service</i>			
1230 Series (Subset Required)		CA506-331-400	
1235-Type		CA506-342-400	
150 Series (Subset Required)		506-330-400	
160 Series (Subset Required)		506-330-401	
170 Series (Subset Required)		506-330-402	
180 Series (Subset Required)		506-330-403	
190 Series (Subset Required)		CA506-330-404	
200 Series (Subset Required)		CA506-330-405	
210 Series (Subset Required)		CA506-330-405	
220 Series (Subset Required)		CA506-330-406	
230 Series (Subset Required)		CA506-330-407	
235-Type		CA506-342-400	
236-Type		CA506-342-401	

**COIN LEVEL DETECTOR***General*

Coin Telephone Stations CA506-100-105

**COIN STATION**

Maintenance Check 506-900-503

**COIN TELEPHONE MOUNTING***Identification**Installation**Maintenance*

KS-21977 Clear View CB508-257-100

**COIN TELEPHONE SETS***Connections*

1A, 2A

Single Slot CA506-410-400

1C, 2C

Single Slot CA506-410-400

1E-Type

Single Slot CA506-410-400

*Installation*

1A, 2A

Single Slot CA506-410-400

1C, 2C

Single Slot CA506-410-400

1E-Type

Single Slot CA506-410-400

*Maintenance*

1A, 2A

Single Slot CA506-410-400

1C, 2C

Single Slot CA506-410-400

1E-Type

Single Slot CA506-410-400

Coin Telephone Sets (DTF only)

*Connections*

1D/2D-Type

TOP 506-410-402

*Conversion*

1D/2D-Type

TOP 506-410-402

*Identification*

1D/2D-Type

CA506-410-401

*Installation*

1D/2D-Type

TOP 506-410-402

*Maintenance*

1D/2D-Type

TOP 506-410-402

**COIN TELEPHONE SHELF***Identification**Installation**Maintenance*

KS-20194 CB508-252-100

KS-21571 Deluxe Wedge CB508-255-100

**COIN TELEPHONE STATIONS***General*

Backboards CA506-100-101

Coin Level Detector CA506-100-105

Coin Test Line Circuit 506-100-130

Dial Tone First-Multislot 506-100-106

Gauges CA506-100-103

Hopper Vane Replacement 506-100-110

Materials CA506-100-103

Semipublic Extension Telephone CA506-100-108

Tools CA506-100-103

**COIN TELEPHONES***Detailed Description*

1C, 2C 506-100-120

**COIN TEST LINE CIRCUIT***General*

Coin Telephone Stations 506-100-130

**COLLECTOR SET; COIN—SEE COIN COLLECTOR SET****COLLECTORS; COIN—SEE COIN COLLECTORS****COLOR**

Telephone Apparatus and

Materials 500-120-100

**COLORED BUTTONS***General*

CALL DIRECTOR® Telephone 463-210-110

Card Dialer 463-210-110

Key Mountings (400-Type) 463-210-110

Key Telephone Set 463-210-110

Separately Mounted Keys 463-210-110

**COM KEY***Arrangement*

580A Key Service Unit

Key Telephone Systems KC518-450-103

*Description*

1A

KB518-010-111

1A1 KB518-010-111

1A2 KB518-010-111

**COM KEY (718, 1434, 2152)***Connection*

2575AM

Desk Type (6-Button)

Telephone Set KC503-603-120

575AM

Desk Type (6-Button)

Telephone Set KC503-603-120

*Identification*

2575AM

Desk Type (6-Button)

Telephone Set KC503-603-120

575AM

Desk Type (6-Button)

Telephone Set KC503-603-120

*Installation*

2575AM

Desk Type (6-Button)

Telephone Set KC503-603-120

575AM

Desk Type (6-Button)

Telephone Set KC503-603-120

*Maintenance*

2575AM

Desk Type (6-Button)

Telephone Set KC503-603-120

575AM

Desk Type (6-Button)

Telephone Set KC503-603-120

**COM KEY 1434***Connections**Identification**Installation**Operation*

14A Communication System KC518-450-102

**COM KEY 2152***Descriptive**Ordering Information*

21A Communication System KC518-450-110

<b>COM KEY 416</b>		<b>COMMUNICATION SYSTEM (Cont)</b>	
Connections		HORIZON (Cont)	
Identification		Preinstallation Information	
Installation		HORIZON	518-451-105
Maintenance		14A	
4A Communication System	KC518-450-105	Connections	
<b>COM KEY 416 (USING 981/2981- AND</b>		Identification	
<b>983/2983-TYPE TELEPHONE SETS)</b>		Installation	
Connections		Operation	
Identification		COM KEY 1434	KC518-450-102
Installation		2A (Business Interphone)	
Maintenance		Connections	512-534-400
4A Communication System	KC518-450-106	General Description	981-248-100
<b>COM KEY 718</b>		Identification	512-534-100
Connections		Installation	512-534-100
Identification		Maintenance	512-534-400
Installation		Operation	512-534-100
Maintenance		21A	
Operation		Descriptive	
7A Communication System	KC518-450-100	Ordering Information	
<b>COMBINATION CENTRAL OFFICE TRUNKS</b>		COM KEY 2152	KC518-450-110
Tests		3A (Hospital Interphone)	
Relay Jack and Lamp		Connections	
700C (Manual Switchboard)		Control Console	512-535-201
Private Branch Exchange	541-004-667	Equipment Cabinet	512-535-200
<b>COMMAND CONFERENCE CIRCUITS</b>		Patient Telephone Set	512-535-202
Operation Tests		General Description	981-250-100
605A Private Branch Exchange	480-139-520	Identification	512-535-100
701A Private Branch Exchange	480-139-520	Installation	
711A Private Branch Exchange	480-139-520	Control Console	512-535-201
<b>COMMAND POST ALERTING NETWORK (COPAN)</b>		Equipment Cabinet	512-535-200
Connections		Patient Telephone Set	512-535-202
Identification		Maintenance	
Installation		Control Console	512-535-201
Residence Station Apparatus		Equipment Cabinet	512-535-200
306 Switching System	480-713-100	Patient Telephone Set	512-535-202
<b>COMMON CIRCUITS</b>		Method of Operation	512-535-300
Operation Tests		4A	
770A Private Branch Exchange	551-770-501	Connections	
<b>COMMON CIRCUITS; ATTENDANT—SEE</b>		Identification	
<b>ATTENDANT COMMON CIRCUITS</b>		Installation	
<b>COMMON CONTROL AND LINE CIRCUIT</b>		Maintenance	
<b>(SD-1E011-01)</b>		COM KEY 416	KC518-450-105
Operation Tests		COM KEY 416 (Using 981/2981-	
800A Private Branch Exchange	553-124-501	and 983/2983-Type Telephone	
<b>COMMON CONTROL CIRCUIT (SD-5E022-01)</b>		Sets)	KC518-450-106
Operation Tests		7A	
Load Balancing and Overflow		Connections	
3A Automatic Call		Identification	
Distributing System	476-337-501	Installation	
<b>COMMUNICATION PACKAGE</b>		Maintenance	
559A		Operation	
Connections	536-590-210	COM KEY 718	KC518-450-100
Identification	536-590-210	<b>CONCENTRATOR (CENTRAL OFFICE</b>	
Installation	536-590-210	<b>EQUIPMENT); LINE—SEE LINE CONCENTRATOR</b>	
Tests and Inspections	536-590-210	<b>(CENTRAL OFFICE EQUIPMENT)</b>	
<b>COMMUNICATION SYSTEM</b>		<b>CONCENTRATOR (CENTRAL OFFICE</b>	
HORIZON		<b>EQUIPMENT); LINE—SEE LINE CONCENTRATOR</b>	
Description		<b>(CENTRAL OFFICE EQUIPMENT)</b>	
HORIZON	518-451-105	<b>CONCENTRATOR; LINE—SEE LINE</b>	
Maintenance Support		<b>CONCENTRATOR</b>	
HORIZON	518-451-300	<b>CONCENTRATOR-IDENTIFIER; LINE—SEE LINE</b>	
		<b>CONCENTRATOR-IDENTIFIER</b>	

## CONDUITS

<i>General</i>	461-300-100
<i>Identification</i>	
Placing Wire and Cable	461-300-101
<b>CONFERENCE CIRCUIT (SD-66461-01);</b>	
<b>DIAL—SEE DIAL CONFERENCE CIRCUIT</b>	
<b>(SD-66461-01)</b>	
<b>CONFERENCE CIRCUIT; DIAL—SEE DIAL</b>	
<b>CONFERENCE CIRCUIT</b>	
<b>CONFERENCE CIRCUITS; COMMAND—SEE</b>	
<b>COMMAND CONFERENCE CIRCUITS</b>	
<b>CONFERENCE EQUIPMENT</b>	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	
756A Private Branch Exchange	551-135-210
757A Private Branch Exchange	551-235-210
<b>CONFERENCE SET</b>	
<i>Connections</i>	
KS-19134, L1	512-630-401
50A	512-630-110
50A1	SD512-630-111
<i>Identification</i>	
KS-19134, L1	512-630-101
KS-19134, L2 Amplifier Control	
Unit	512-630-101
KS-19134, L3 Loudspeaker	
Assembly	512-630-101
50A	512-630-110
50A1	SD512-630-111
<i>Installation</i>	
KS-19134, L1	512-630-201
50A	512-630-110
50A1	SD512-630-111
<i>Maintenance</i>	
KS-19134, L1	512-630-201
50A	512-630-110
50A1	SD512-630-111
<i>Operation</i>	
50A	512-630-110
50A1	SD512-630-111
<b>CONFERENCE TELEPHONE SYSTEM</b>	
20A	
<i>General Description</i>	
Private Service System	981-275-100
<b>CONFERENCE TRUNK CIRCUIT; DIAL—SEE</b>	
<b>DIAL CONFERENCE TRUNK CIRCUIT</b>	
<b>CONFERENCE PBX LINES</b>	
Key Telephone Unit	
<i>Connections</i>	
<i>Identification</i>	
<i>Operation</i>	
237-Type	KB518-310-407
<b>CONFERENCEING; MULTILINE—SEE MULTILINE</b>	
<b>CONFERENCEING</b>	
<b>CONNECTING ARRANGEMENT</b>	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
<i>Operation</i>	
CTD (Using J53050G-1, List 1	
IU)	IB463-382-101
CTH (Using J53050K IU)	463-382-103
CIY (J92614E-1 IU)	IB463-380-102
C25 (118A IU)	IB463-380-101

## CONNECTING ARRANGEMENT (Cont)

<i>Operation (Cont)</i>	
KTX	463-382-104
VCP (Using KS-20944 Protector	IA463-300-109
<b>CONNECTING ARRANGEMENT; PROTECTIVE—SEE</b>	
<b>PROTECTIVE CONNECTING ARRANGEMENT</b>	
<b>CONNECTING ARRANGEMENT; VOICE—SEE</b>	
<b>VOICE CONNECTING ARRANGEMENT</b>	
<b>CONNECTING BLOCK</b>	
<i>Connections</i>	
625-Type	461-610-100
630-Type	461-610-100
635-Type	461-610-100
<i>Cross Connecting</i>	
<i>Identification</i>	
M1-Type	KA461-604-102
30-Type	461-601-100
31-Type	461-601-100
42A	461-602-100
44A	461-602-100
47-Type	461-602-100
57-Type	461-603-100
59-Type	461-603-100
60-Type	461-603-100
625-Type	461-610-100
630-Type	461-610-100
635-Type	461-610-100
66A, B, C	KA461-604-102
66E3-25	461-604-103
66E4-25	461-604-103
66E8-25	461-604-103
71-Type	461-606-100
74-Type	461-606-100
75-Type	461-606-100
86A	461-604-105
88-Type	
Wiring Blocks	KA461-608-100
96A	461-604-105
<i>Installation</i>	
30-Type	461-601-100
31-Type	461-601-100
42A	461-602-100
44A	461-602-100
47-Type	461-602-100
57-Type	461-603-100
59-Type	461-603-100
60-Type	461-603-100
625-Type	461-610-100
630-Type	461-610-100
635-Type	461-610-100
66E3-25	461-604-103
66E4-25	461-604-103
66E8-25	461-604-103
71-Type	461-606-100
74-Type	461-606-100
75-Type	461-606-100
88-Type	
Wiring Blocks	KA461-608-100
<i>Maintenance</i>	
Tools	
Adapters	KA461-604-100
66-Type	
Adapters	KA461-604-100
88-Type	
Wiring Blocks	KA461-608-100



**CONNECTING BLOCK (Cont)**

<i>Methods of Marking</i>	
Designation Strips	461-600-101
<i>Numbering and Wiring</i>	
66-Type	KA461-604-101
<i>Selection</i>	461-600-100
<i>Terminating</i>	
Tools	
Adapters	KA461-604-100
66-Type	
Adapters	KA461-604-100
<i>Wiring</i>	
30-Type	461-618-201
31-Type	461-601-100
42A	461-602-100
44A	461-602-100
47-Type	461-602-100
57-Type	461-603-100
59-Type	461-603-100
60-Type	461-603-100
71-Type	461-606-100
74-Type	461-606-100
75-Type	461-606-100

**CONNECTING TOOL**

<i>Identification</i>	
<i>Maintenance</i>	
<i>Operation</i>	
KS-21749	080-130-100

CONNECTIONS; CROSS—SEE CROSS

CONNECTIONS

CONNECTIONS; SOLDERED—SEE SOLDERED

CONNECTIONS

CONNECTIONS; SOLDERLESS—SEE SOLDERLESS

CONNECTIONS

CONNECTOR

<i>Cleaning Procedures</i>	
946-Type	069-350-801
947-Type	069-350-801
971-Type	069-350-801
<i>Replacement of Broken or Damaged</i>	
Terminals	
911A-Type	069-344-801

CONNECTOR CABLES

<i>Identification</i>	KA461-200-101
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CONNECTOR CIRCUIT (SD-67041-01); LINK  
AND—SEE LINK AND CONNECTOR CIRCUIT  
(SD-67041-01)

CONNECTOR CIRCUIT (SD-67046-01);

DECODER-MARKER—SEE DECODER-MARKER  
CONNECTOR CIRCUIT (SD-67046-01)

CONNECTOR CIRCUIT (SD-67106-01);

DECODER-MARKER—SEE DECODER-MARKER  
CONNECTOR CIRCUIT (SD-67106-01)CONNECTOR CIRCUIT (SD-67109-01); LINK  
AND—SEE LINK AND CONNECTOR CIRCUIT  
(SD-67109-01)CONNECTOR CIRCUIT; DECODER-MARKER—SEE  
DECODER-MARKER CONNECTOR CIRCUITCONNECTOR CIRCUIT; LINK AND—SEE LINK  
AND CONNECTOR CIRCUITCONNECTOR TRUNK CIRCUIT (SD-67064-01);  
NO-TEST—SEE NO-TEST CONNECTOR TRUNK  
CIRCUIT (SD-67064-01)

CONNECTORS

**CONNECTORS (Cont)**

<i>Operation Tests</i>	
700C (Dial Equipment) Private Branch Exchange	541-003-520
710C (Dial Equipment) Private Branch Exchange	541-003-520
<i>Operation Tests Using Test Set</i> <i>(SD-66073-01, J54701B)</i>	
701A Private Branch Exchange	540-125-505
701B Private Branch Exchange	540-125-505
701PK Private Branch Exchange	540-125-505
711A Private Branch Exchange	540-125-505
711B Private Branch Exchange	540-125-505
711PK Private Branch Exchange	540-125-505
740E Private Branch Exchange	540-125-505
<i>Operation Tests Using Test Set</i> <i>(SD-90416-01, J94704A)</i>	
701A Private Branch Exchange	540-125-507
701B Private Branch Exchange	540-125-507
701PK Private Branch Exchange	540-125-507
702A Private Branch Exchange	540-125-507
711A Private Branch Exchange	540-125-507
711B Private Branch Exchange	540-125-507
711PK Private Branch Exchange	540-125-507
<b>CONNECTORS (SD-66643-01 AND SD-66644-01); ATTENDANT 3-WIRE—SEE ATTENDANT 3-WIRE CONNECTORS (SD-66643-01 AND SD-66644-01)</b>	
<b>CONNECTORS (SD-66663-01 AND SD-66664-01); ATTENDANT 3-WIRE—SEE ATTENDANT 3-WIRE CONNECTORS (SD-66663-01 AND SD-66664-01)</b>	
<b>CONNECTORS AND SELECTOR-CONNECTORS B, C, and E Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)</b>	
700C Private Branch Exchange	540-143-507
701A Private Branch Exchange	540-143-507
701B Private Branch Exchange	540-143-507
701PK Private Branch Exchange	540-143-507
702A Private Branch Exchange	540-143-507
710C Private Branch Exchange	540-143-507
711A Private Branch Exchange	540-143-507
711B Private Branch Exchange	540-143-507
711PK Private Branch Exchange	540-143-507
740A Private Branch Exchange	540-143-507
740AX Private Branch Exchange	540-143-507
740B Private Branch Exchange	540-143-507
740C Private Branch Exchange	540-143-507
740E Private Branch Exchange	540-143-507
<i>Pulsing Tests Using Pulsing Test Set (SD-31481-01, J34717A)</i>	
700C Private Branch Exchange	540-143-504
701A Private Branch Exchange	540-143-504
701B Private Branch Exchange	540-143-504
701PK Private Branch Exchange	540-143-504
702A Private Branch Exchange	540-143-504
710C Private Branch Exchange	540-143-504
711A Private Branch Exchange	540-143-504
711B Private Branch Exchange	540-143-504
711PK Private Branch Exchange	540-143-504
740A Private Branch Exchange	540-143-504
740AX Private Branch Exchange	540-143-504
740B Private Branch Exchange	540-143-504
740C Private Branch Exchange	540-143-504
740E Private Branch Exchange	540-143-504

CONNECTORS; BRIDGING—SEE BRIDGING CONNECTORS			
CONNECTORS; RECORDER—SEE RECORDER CONNECTORS			
CONNECTORS; SELECTORS AND—SEE SELECTORS AND CONNECTORS			
CONNECTORS, AND SELECTOR-CONNECTORS; SELECTORS,—SEE SELECTORS, CONNECTORS, AND SELECTOR-CONNECTORS			
CONSOLE (MULTIPLE); TELEPHONE—SEE TELEPHONE CONSOLE (MULTIPLE)			
CONSOLE (SINGLE); TELEPHONE—SEE TELEPHONE CONSOLE (SINGLE)			
CONSOLE ATTENDANT, CALL, ANSWER, AND SWITCHING WITH ROTARY DIAL			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
761B Private Branch Exchange	551-722-210		
CONSOLE CIRCUIT (SD-65925-01)			
<i>Method of Operation</i>			
758A Private Branch Exchange	551-411-300		
758A/B Switching System	551-470-300		
758C Private Branch Exchange	551-511-300		
CONSOLE CONTROL CABINET; CENTREX—SEE CENTREX CONSOLE CONTROL CABINET			
CONSOLE; ADDENDANT—SEE ADDENDANT CONSOLE			
CONSOLE; ATTENDANT—SEE ATTENDANT CONSOLE			
CONSOLE; TELEPHONE—SEE TELEPHONE CONSOLE			
CONSOLE; 12B TELEPHONE—SEE 12B TELEPHONE CONSOLE			
CONSOLES			
<i>Connections</i>			
800A (Customer Package) Private Branch Exchange	553-100-211		
800A Private Branch Exchange	553-100-210		
<i>Identification</i>			
800A (Customer Package) Private Branch Exchange	553-100-211		
800A Private Branch Exchange	553-100-210		
<i>Installation</i>			
800A (Customer Package) Private Branch Exchange	553-100-211		
<i>Installation Tests</i>			
800A (Customer Package) Private Branch Exchange	553-100-211		
800A Private Branch Exchange	553-100-210		
<i>Method of Operation</i>			
2B Automatic Call Distributing System	476-271-301		
<i>Method of Operation (Large 2B ACD Attendant Application)</i>			
2B Automatic Call Distributing System	476-270-302		
CONSOLES (PRIVATE BRANCH EXCHANGE)			
Visually Impaired Attendant Service			
<i>Description</i>			
87A Control Unit	534-413-211		
990A Light Sensor	534-413-211		
<i>Installation</i>			
87A Control Unit	534-413-211		
990A Light Sensor	534-413-211		
CONSOLES (PRIVATE BRANCH EXCHANGE) (Cont)			
Visually Impaired Attendant Service (Cont)			
<i>Maintenance</i>			
87A Control Unit	534-413-502		
990A Light Sensor	534-413-502		
<i>Method of Operation</i>			
87A Control Unit	534-413-211		
990A Light Sensor	534-413-211		
<i>Trouble Locating Procedures</i>			
87A Control Unit	534-413-502		
990A Light Sensor	534-413-502		
CONSOLES; SELECTOR—SEE SELECTOR CONSOLES			
CONTACTS			
<i>Cleaning and Reconditioning</i>			
On Similar Apparatus Except Keys and Jacks	069-306-801		
<i>Replacing</i>			
Crossbar Switch	069-310-802		
Reader (KS-13835 AMA)	069-310-802		
Relays (Nonwire Spring Type)	069-310-802		
Relays (Wire Spring Type)	069-310-803		
Switch (197-Type)	069-310-802		
<i>Replacing using the 1004A, 1004B, and 1013A Tool Kits</i>	069-310-801		
CONTACTS AND PARTS; RELAY—SEE RELAY CONTACTS AND PARTS			
CONTACTS REPLACEMENT			
Having Unusual Contact			
Conditions	069-310-804		
Reader (KS-13835 AMA)	069-310-804		
Relays (Nonwire Spring Type)	069-310-804		
Switch (197-Type)	069-310-804		
CONTINUITY TEST TRUNK (SD-67054-01); PREEMPTION AND—SEE PREEMPTION AND CONTINUITY TEST TRUNK (SD-67054-01)			
CONTROL AND LINE CIRCUIT (SD-1E011-01); COMMON—SEE COMMON CONTROL AND LINE CIRCUIT (SD-1E011-01)			
CONTROL CENTER SYSTEM; SWITCHING—SEE SWITCHING CONTROL CENTER SYSTEM			
CONTROL CIRCUIT (SD-5E022-01); COMMON—SEE COMMON CONTROL CIRCUIT (SD-5E022-01)			
CONTROL CIRCUIT (SD-5E026-01); OVERFLOW—SEE OVERFLOW CONTROL CIRCUIT (SD-5E026-01)			
CONTROL CIRCUIT (SD-98060-01); DISPLAY—SEE DISPLAY CONTROL CIRCUIT (SD-98060-01)			
CONTROL SERVICES; TIE-LINE AND—SEE TIE-LINE AND CONTROL SERVICES			
CONTROL SYSTEM; SELECTIVE—SEE SELECTIVE CONTROL SYSTEM			
CONTROL UNIT			
<i>Connections</i>			
KS-20008L1	463-235-100		
62A	SD514-230-102		
89A	IA463-332-130		
<i>Emergency Action Procedures</i>			
No. 101 Electronic Switching System	240-300-301		

**CONTROL UNIT (Cont)**

<i>Identification</i>	
KS-20008L1	463-235-100
51A	
1A Home Interphone System	512-510-100
54A	
2A Farm Interphone System	512-515-100
54B	
2A Farm Interphone System	512-515-100
62A	SD514-230-102
89A	IA463-332-130
<i>Installation</i>	
KS-20008L1	463-235-100
51A	
1A Home Interphone System	512-510-200
54A	
2A Farm Interphone System	512-515-200
54B	
2A Farm Interphone System	512-515-200
62A	SD514-230-102
89A	IA463-332-130
<i>Maintenance</i>	
51A	
1A Home Interphone System	512-510-200
54A	
2A Farm Interphone System	512-515-200
54B	
2A Farm Interphone System	512-515-200
89A	IA463-332-130
<i>Manual Maintenance Routines</i>	
No. 101 Electronic Switching System	240-320-501
<i>Night Coverage Procedure</i>	
No. 101 Electronic Switching System	240-300-302
<i>Operation</i>	
51A	
1A Home Interphone System	512-510-100
54A	
2A Farm Interphone System	512-515-100
54B	
2A Farm Interphone System	512-515-100
89A	IA463-332-130
<i>Tests</i>	
KS-20008L1	463-235-100
<i>Trunk Control Frame Cross Connections</i>	
No. 101 Electronic Switching System	240-313-301
KS-14964	
<i>Identification</i>	
1A Speakerphone System	512-610-100
1A1 Speakerphone System	512-610-100
55A(MD)	
<i>Connections</i>	
3-Type Speakerphone System	SD512-620-100
<i>Identification</i>	
3-Type Speakerphone System	SD512-620-100
<i>Installation</i>	
3-Type Speakerphone System	SD512-620-100
<i>Maintenance</i>	
3-Type Speakerphone System	SD512-620-100
55B	
<i>Connections</i>	
3-Type Speakerphone System	SD512-620-100

**CONTROL UNIT (Cont)**

55B (Cont)	
<i>Identification</i>	
3-Type Speakerphone System	SD512-620-100
<i>Installation</i>	
3-Type Speakerphone System	SD512-620-100
<i>Maintenance</i>	
3-Type Speakerphone System	SD512-620-100
55D	
<i>Connections</i>	
3-Type Speakerphone System	SD512-620-100
<i>Identification</i>	
3-Type Speakerphone System	SD512-620-100
<i>Installation</i>	
3-Type Speakerphone System	SD512-620-100
<i>Maintenance</i>	
3-Type Speakerphone System	SD512-620-100
<b>CONTROLLED DIAL CONFERENCE TRUNK CIRCUIT; STATION—SEE STATION</b>	
<b>CONTROLLED DIAL CONFERENCE TRUNK CIRCUIT</b>	
<b>CONTROLLER CIRCUIT (CENTRAL OFFICE EQUIPMENT)</b>	
<i>Tests Using Test Circuit</i>	
SD-98067-01	
520-Type PBX Emergency Reporting System	067-302-502
<b>CONTROLLER, AND GATE CIRCUIT; LINK,—SEE LINK, CONTROLLER, AND GATE CIRCUIT</b>	
<b>CONTROLS; LIGHT—SEE LIGHT CONTROLS</b>	
<b>CONVERTER (SD-66887-01 OR SD-66892-01)</b>	
<i>Operation Tests</i>	
Step-By-Step Private Branch Exchange	540-702-501
<b>CONVERTER SOLID STATE</b>	
<i>Operation Tests</i>	
Test Equipment PBX	105-601-501
<b>CONVERTER TRUNK ACCESS CIRCUIT (SD-65853-01)</b>	
<i>Operation Tests</i>	
Common Group TOUCH-TONE® Calling Equipment with Crossbar Link Access Private Branch Exchange	540-702-502
<b>COPPER; SOLDERING—SEE SOLDERING COPPER</b>	
<b>CORD CIRCUITS</b>	
<i>Inspections</i>	
<i>Tests</i>	
520-Type PBX Emergency Reporting System	473-218-325
<b>CORD REELS</b>	
<i>Identification</i>	
2-Type	501-144-100
3-Type	501-144-100
5-Type	501-144-100
Telephone Set Components	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
Customer-Owned Enclosures	501-420-102

<b>CORD UNIT (J59013E)</b>			
Connections			
Identification			
Installation			
	557A Private Branch Exchange	473-601-201	
<b>CORDS</b>			
Handset			
Connections			
Identification			
		501-140-102	
Identification			
Installation			
Maintenance			
	Message Waiting	501-140-108	
Mounting			
	CALL DIRECTOR® Telephone Sets	501-140-105	
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Information			
	For 10- and 20-Button Telephone Sets	501-140-106	
Selection			
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Station			
	Even-Count Color Code	501-140-101	
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	Test Set and Miscellaneous		
	Identification	501-140-120	
<b>CORNER BRACKET</b>			
	General	080-720-135	
<b>CORROSION AND MOISTURE; INHIBITORS,—SEE INHIBITORS, CORROSION AND MOISTURE</b>			
<b>COUNT TOTALIZER (SD-65981-01); PEG—SEE PEG COUNT TOTALIZER (SD-65981-01)</b>			
<b>COUPLER; RECORDER—SEE RECORDER COUPLER</b>			
<b>COVER</b>			
Identification			
	ED-69368-50, Group 2	KA463-140-100	
	ED-69462-50, Group 2	KA463-140-100	
	ED-69463-50, Group 6	KA463-140-100	
	116A	KA463-140-100	
	117A	KA463-140-100	
<b>COVER 125A</b>			
Connections			
Identification			
Installation			
Maintenance			
	Ringers	501-252-100	
<b>COVERS</b>			
Identification			
Installation			
	KS-19778(MD)	461-200-103	
	KS-20366(MD)	461-200-103	
	KS-20458	461-200-103	
<b>COVERS; MANHOLE—SEE MANHOLE COVERS</b>			
<b>CRASH ALARM AND COMMAND CONFERENCE SYSTEMS</b>			
	General Description	480-139-110	
<b>CRASH ALARM CIRCUITS</b>			
Operation Tests			
	551A Private Branch Exchange	480-139-500	
<b>CRASH ALARM CIRCUITS (Cont)</b>			
Operation Tests (Cont)			
	551B Private Branch Exchange	480-139-500	
	551D Private Branch Exchange	480-139-500	
	604C Private Branch Exchange	480-139-500	
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	701A Private Branch Exchange	480-139-500	
	711A Private Branch Exchange	480-139-500	
<b>CRASH ALARM CIRCUITS FOR CONTINUOUS TEST OF STATION LINES</b>			
Operation Tests			
	701A Private Branch Exchange	480-139-501	
	711A Private Branch Exchange	480-139-501	
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<b>CRIMPER; CLIP—SEE CLIP CRIMPER</b>			
<b>CROSS CONNECTIONS</b>			
	Method of Placing	069-133-801	
<b>CROSSBAR LINK AND CONTROLLER CIRCUIT (SD-5E053-01)</b>			
Operation Tests			
	Common Group TOUCH-TONE® Calling Equipment with Crossbar Link Access Private Branch Exchange	540-702-502	
<b>CROSSBAR SWITCH</b>			
	Replacing		
	Contacts	069-310-802	
<b>CTD (USING J53050G-1, LIST 1 IU)</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
	Connecting Arrangement	IB463-382-101	
<b>CTH (USING J53050K IU)</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
	Connecting Arrangement	463-382-103	
<b>CUSHION BODY BELT</b>			
	Description	SB081-720-101	
	Use	SB081-720-101	
<b>CUSTOMER PREMISES SYSTEM</b>			
50A			
	Connections	540-580-101	
	General Descriptive Information	981-300-100	
	Identification	540-580-101	
	Installation	540-580-101	
	Installation Tests	540-580-101	
	Method of Operation		
	Attendant and Station Equipment	540-580-301	
60A			
	General Descriptive Information	981-310-100	

<b>CUSTOMER PREMISES SYSTEM (Cont)</b>			
90A	<i>General Descriptive Information</i>		
	Hotel-Motel Register Service	981-340-100	
90B	<i>General Descriptive Information</i>	981-345-100	
<b>CUSTOMER SWITCHING SYSTEM 2015</b>	<i>Maintenance Plan</i>		
	<i>System Administration</i>		
	100 DIMENSION* Private Branch Exchange	554-101-110	
	400 DIMENSION* Private Branch Exchange	554-101-110	
<b>CUSTOMER TELEPHONE SERVICE</b>	<i>System Description</i>		
	DIMENSION* PBX Private Branch Exchange	554-010-110	
<b>CUSTOMER TELEPHONE SERVICE</b>	<i>Preinstallation Information</i>		
	DIMENSION* PBX Private Branch Exchange	554-010-111	
<b>CUSTOMER TELEPHONE SERVICE</b>	<i>Maintenance Support Information</i>		
	DIMENSION* PBX Private Branch Exchange	554-010-112	
<b>CUSTOMER TELEPHONE SERVICE</b>	<i>Maintenance Plan</i>		
	<i>System Administration</i>		
	DIMENSION* PBX Private Branch Exchange	554-010-113	
<b>CUSTOMER-OWNED TELEPHONE ENCLOSURES OR HOUSINGS—SEE ALSO TELEPHONE SET COMPONENTS</b>			
<b>C1V (USING 18D KTU)</b>	<i>Connections</i>		
	<i>Identification</i>		
	<i>Installation</i>		
	<i>Maintenance</i>		
	<i>Operation</i>		
	Protective Connecting Arrangement	IB463-382-100	
<b>C1Y (J92614E-1 IU)</b>	<i>Connections</i>		
	<i>Identification</i>		
	<i>Installation</i>		
	<i>Maintenance</i>		
	<i>Operation</i>		
	Connecting Arrangement	IB463-380-102	
<b>C2ACP</b>	<i>Connections</i>		
	<i>Identification</i>		
	<i>Installation</i>		
	<i>Maintenance</i>		
	<i>Operation</i>		
	Protective Connecting Arrangement	IA463-341-100	
<b>C2AK5</b>	<i>Connections</i>		
	<i>Identification</i>		
	<i>Installation</i>		
	<i>Maintenance</i>		
	<i>Operation</i>		
	Voice Connecting Arrangement	IA463-311-107	
<b>C2F (USING 120-TYPE IU)</b>	<i>Identification</i>		
	<i>Installation</i>		
	<i>Maintenance</i>		
	<i>Operation</i>		
	Interconnecting Unit Protective Connecting Arrangement	IA463-341-101	
<b>C2H</b>	<i>Connections</i>		
	<i>Identification</i>		
	<i>Installation</i>		
	<i>Maintenance</i>		
	<i>Operation</i>		
	Protective Connecting Arrangement	IB463-370-101	
<b>C2K</b>	<i>Connections</i>		
	<i>Identification</i>		
	<i>Installation</i>		
	<i>Maintenance</i>		
	<i>Operation</i>		
	Voice Connecting Arrangement	IB463-370-102	
<b>C22 (USING 112A IU)</b>	<i>Connections</i>		
	<i>Identification</i>		
	<i>Installation</i>		
	<i>Maintenance</i>		
	<i>Method of Operation</i>		
	Protective Connecting Arrangement	IB463-350-109	
<b>C232W (CUSTOMER EQUIPMENT AND BELL SYSTEM 2-WIRE AND 4-WIRE FACILITIES)</b>	<i>Connections</i>		
	<i>Identification</i>		
	<i>Installation</i>		
	<i>Maintenance</i>		
	<i>Operation</i>		
	Voice Connecting Arrangement	IB463-360-103	
<b>C234W (CUSTOMER EQUIPMENT AND BELL SYSTEM 4-WIRE FACILITIES)</b>	<i>Connections</i>		
	<i>Identification</i>		
	<i>Installation</i>		
	<i>Maintenance</i>		
	<i>Operation</i>		
	Voice Connecting Arrangement	IB463-360-102	
<b>C24</b>	<i>Connections</i>		
	<i>Identification</i>		
	<i>Installation</i>		
	<i>Maintenance</i>		
	<i>Operation</i>		
	Protective Connecting Arrangement	IB463-370-101	
<b>C25 (118A IU)</b>	<i>Connections</i>		
	<i>Identification</i>		
	<i>Installation</i>		
	<i>Maintenance</i>		
	<i>Operation</i>		
	Connecting Arrangement	IB463-380-101	
<b>C27</b>	<i>Connections</i>		
	<i>Identification</i>		

<b>C27 (Cont)</b>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
Voice Connecting Arrangement	IB463-370-102		
<b>DATA LINK TEST SET, PBX-ANI—SEE</b>			
<b>PBX-ANI DATA LINK TEST SET</b>			
<b>DATA SAGE/BUIC (PHASE-III);</b>			
<b>ADDRESSABLE—SEE ADDRESSABLE DATA</b>			
<b>SAGE/BUIC (PHASE-III)</b>			
<b>DC TELEGRAPH AND RADIO PROGRAM LOOPS</b>			
<i>Protection</i>			
<i>Termination</i>			
Special Service Lines	460-110-101		
<b>DCX</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
PBX and Key Telephone			
Applications Automatic Trunk			
Level Circuits	IA463-332-100		
<b>DCL</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
PBX and Key Telephone			
Applications Automatic Trunk			
Level Circuits	IA463-332-100		
<b>DCT</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
PBX and Key Telephone			
Applications Recorded Telephone			
Dictation Trunk Circuit	IA463-332-110		
<b>DCW</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
Interface Trunk Circuit	IA463-332-120		
<b>DECODER</b>			
<i>Marker Trouble Indication Record</i>			
758C Private Branch Exchange	551-512-301		
<b>DECODER CIRCUIT (SD-67044-01 USING</b>			
<b>REGISTER-SENDER TEST SET (SD-67049-01,</b>			
<b>J58845M) AND CALL PROGRESS INDICATOR</b>			
<b>SD-67058-01)</b>			
<i>Operation Tests</i>			
758C Private Branch Exchange	551-524-500		
<b>DECODER MARKER TEST CIRCUIT</b>			
<b>(SD-67118-01)</b>			
<i>Description</i>			
<i>Method of Operation</i>			
758C Switching System	551-566-305		
<b>DECODER-MARKER CONNECTOR CIRCUIT</b>			
<i>Operation Test</i>			
758C Switching System	551-566-502		
<b>DECODER-MARKER CONNECTOR CIRCUIT</b>			
<b>(SD-67046-01)</b>			
<i>Operation Tests</i>			
758C Private Branch Exchange	551-520-500		
<b>DECODER-MARKER CONNECTOR CIRCUIT</b>			
<b>(SD-67106-01)</b>			
<i>Operation Tests</i>			
758C Switching System	551-566-502		
<b>DEDICATED PLANT</b>			
Building Access Points	462-600-200		
Buried Plant Access Points	462-600-200		
Pole-Mounted Access Points	462-600-200		
Strand-Mounted Access Points	462-600-200		
Wall-Mounted Access Points	462-600-200		
Wiring Access Points General			
Precautions	SB460-300-134		
<b>DEFENSE WARNING SYSTEM; CIVIL—SEE</b>			
<b>CIVIL DEFENSE WARNING SYSTEM</b>			
<b>DELAYED ANSWER ANNOUNCEMENT CIRCUIT</b>			
<b>(SD-65971-01)</b>			
<i>Operation Tests</i>			
3A Automatic Call Distributing	476-319-501		
System			
<b>DESIGN LINE TELEPHONE</b>			
Telephone Set			
<i>Connection</i>			
2881C111	SA503-200-112		
2911A1	SA503-200-105		
2950A-Type	SA503-200-114		
881C111	SA503-200-112		
911A1	SA503-200-105		
950A-Type	SA503-200-114		
<i>Connections</i>			
D-180574 Coin Decorator	SA503-200-113		
2881A100	SA503-200-107		
2881A101	SA503-200-107		
2881B100	SA503-200-107		
2881B101	SA503-200-107		
2881B109, 2881C109	SA503-200-111		
2881B110	SA503-200-107		
2881C100	SA503-200-107		
2881C101	SA503-200-107		
2881C110	SA503-200-107		
2900A, B	SA503-200-100		
2902A1	SA503-200-102		
2910A	SA503-200-101		
2921A, B	SA503-200-106		
2930A, B	SA503-200-103		
2931B	SA503-200-103		
881A100	SA503-200-107		
881A101	SA503-200-107		
881A102	SA503-200-108		
881A103	SA503-200-108		
881A104	SA503-200-108		
881A105	SA503-200-109		
881A106	SA503-200-109		
881A107	SA503-200-109		
881A108	SA503-200-109		
881B100	SA503-200-107		
881B101	SA503-200-107		
881B102	SA503-200-108		
881B103	SA503-200-108		
881B104	SA503-200-108		
881B105	SA503-200-109		
881B106	SA503-200-109		
881B107	SA503-200-109		



**DESIGN LINE TELEPHONE (Cont)**

Telephone Set (Cont)	
Installation (Cont)	
911A1	SA503-200-105
921A, B	SA503-200-106
930A, B	SA503-200-103
940-Type	SA503-200-104
950A-Type	SA503-200-114
Maintenance	
D-180574 Coin Decorator	SA503-200-113

**DESIGNATION PLATE**

KS-16576L5, L6	SB460-110-100
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**DESIGNATION STRIPS***Methods of Marking*

Connecting Block	461-600-101
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**DESIGNATION STRIPS AND CARDS**

	501-150-102
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Wiring	461-210-200
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**DETECTION CIRCUIT; LOAD—SEE LOAD****DETECTION CIRCUIT****DETECTOR UNIT 20-CYCLE***Method of Connecting*

Miscellaneous Equipment	
2A Automatic Call	
Distributing System	476-215-210

**DETECTOR; TONE—SEE TONE DETECTOR****DEVICE LINE CIRCUIT; SUPERVISORY—SEE****SUPERVISORY DEVICE LINE CIRCUIT****DEVICE; VOLTAGE TESTING—SEE VOLTAGE****TESTING DEVICE****DEVICES; INTERCONNECTING—SEE****INTERCONNECTING DEVICES****DEVICES; SECURITY—SEE SECURITY****DEVICES****DIAGONAL PLIERS V-NOTCH***Sharpening External Notches*

Per Specification 6433	075-110-301
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**DIAL ADAPTER**

Identification	501-160-100
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**DIAL CONFERENCE CIRCUIT***Operation Tests*

Meet-Me-Type (SD-65745-01)	
756A Private Branch	
Exchange	551-176-501

**DIAL CONFERENCE CIRCUIT (SD-66461-01)***Operation Tests*

700C Private Branch Exchange	540-182-501
701A Private Branch Exchange	540-182-501
701B Private Branch Exchange	540-182-501
701PK Private Branch Exchange	540-182-501
702A Private Branch Exchange	540-182-501
710C Private Branch Exchange	540-182-501
711A Private Branch Exchange	540-182-501
711B Private Branch Exchange	540-182-501
711PK Private Branch Exchange	540-182-501
740A Private Branch Exchange	540-182-501
740B Private Branch Exchange	540-182-501
740E Private Branch Exchange	540-182-501

**DIAL CONFERENCE TRUNK CIRCUIT***Operation and Transmission Test*

Attendant Controlled Type	
(SD-66908-01)	
756A Private Branch	
Exchange	551-178-501

**DIAL CONFERENCE TRUNK CIRCUIT (Cont)***Operation and Transmission Tests*

757A Private Branch	
Exchange	551-275-502

*Meet-Me-Type (SD-66761-01)*

757A Private Branch	
Exchange	551-275-501

*Station Controlled Type**(SD-66880-01)*

757A Private Branch	
Exchange	551-275-502

**DIAL LINE CIRCUIT (E AND M LEAD****SIGNALING SD-66797-01)***Operation Tests*

758B Private Branch Exchange	551-430-501
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**DIAL MOUNTING***Identification*

Telephone Set Components	501-160-100
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*Connections**Identification**Installation**Maintenance*

Customer-Owned Enclosures	501-420-101
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**DIAL OR MANUAL LINE CIRCUIT***(SD-67114-01)**Operation Test*

758A/B Switching System	551-470-501
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**DIAL PULSE CONVERTER CIRCUIT***(SD-67016-01)**Operation Tests—Using Converter**Test Circuit J58839N (SD-67017-01)*

758B Private Branch Exchange	551-436-501
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**DIAL PULSE REGISTER (SD-66739-01);****INCOMING—SEE INCOMING DIAL PULSE****REGISTER (SD-66739-01)****DIAL PULSE REGISTER CIRCUIT***Circuit Tests*

756A Private Branch Exchange	551-168-501
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758A Private Branch Exchange	551-458-501
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758B Private Branch Exchange	551-458-501
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**DIAL RESTORATION AND AUXILIARY****CONTROL***General Description*

For SAGE/BUIC Phase-III	981-273-100
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**DIAL RESTORATION PANEL (AUTOVON)***General Description*

	981-271-100
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**DIAL TONE FIRST-MULTISLOT***General*

Coin Telephone Stations	506-100-106
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**DIAL TONE SPEED MEASURING CIRCUIT***(SD-73103-01)**Operation Tests*

758C Switching System	551-561-500
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**DIAL TRANSFER CONTROLLER CIRCUIT***(SD-66909-01) AND TRANSFER TRUNKS**(SD-66921-01); STATION—SEE STATION**DIAL TRANSFER CONTROLLER CIRCUIT**(SD-66909-01) AND TRANSFER TRUNKS**(SD-66921-01)***DIAL TRANSFER TRUNK CIRCUIT;****STATION—SEE STATION DIAL TRANSFER****TRUNK CIRCUIT****DIAL TRUNK CIRCUIT (SD-67051-01);****OUTGOING—SEE OUTGOING DIAL TRUNK****CIRCUIT (SD-67051-01)**



DIAL; TOUCH-A-MATIC® ADJUNCT—SEE  
TOUCH-A-MATIC® ADJUNCT DIAL  
DIALER (0-1 BUTTON); CARD—SEE CARD  
DIALER (0-1 BUTTON)  
DIALER (6-BUTTON); CARD—SEE CARD  
DIALER (6-BUTTON)  
DIALER; AUTOMATIC—SEE AUTOMATIC  
DIALER  
DIALER; CARD—SEE CARD DIALER  
DIALER; TOUCH-A-MATIC® AUTOMATIC—SEE  
TOUCH-A-MATIC® AUTOMATIC DIALER  
DIALS

*Connections*

F-56309 Type Station	501-164-130
F-56310 Type Station	501-164-131
F-58553 Station	501-164-117
F-58556 Station	501-164-132
1025-Type Station	501-164-128
1035-Type Station	501-164-130
1036-Type Station	501-164-131
1037B Station	501-164-133
23-Type Station	501-164-103
26-Type Station	501-164-106
36-Type Station	501-164-116
43A Station	501-165-101
43B Station	501-165-102
53A Station	501-165-110
53B Station	501-165-102

*Description*

40-Type Station	501-163-100
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*Identification*

F-56309 Type Station	501-164-130
F-56310 Type Station	501-164-131
F-58553 Station	501-164-117
F-58556 Station	501-164-132
10-Type Station	501-162-102
1025-Type Station	501-164-128
1035-Type Station	501-164-130
1036-Type Station	501-164-131
1037B Station	501-164-133

**DIALS (Cont)***Identification (Cont)*

11-Type Station	501-162-102
21-Type Station	501-164-101
22-Type Station	501-164-102
23-Type Station	501-164-103
25-Type Station	501-164-105
26-Type Station	501-164-106
28A Station	501-164-108
35-Type Station	501-164-115
36-Type Station	501-164-116
41-Type Station	501-163-101
43A Station	501-165-101
43B Station	501-165-102
51A 53A Station	501-164-118
53B Station	501-165-110
6-Type Station	501-165-102
7-Type Station	501-162-100
70-Type Station	501-162-100
8-Type Station	501-165-115
80-Type Station	501-162-100
9-Type Station	501-165-180
9-Type Station	501-162-101

*Installation*

1025-Type Station	501-164-128
43A Station	501-165-101
43B Station	501-165-102
53A Station	501-165-110
53B Station	501-165-102

*Maintenance*

F-58553 Station	501-164-117
F-58556 Station	501-164-132
10-Type Station	501-162-102
1025-Type Station	501-164-128
11-Type Station	501-162-102

**DIALS (Cont)***Maintenance (Cont)*

21-Type Station	501-164-101
22-Type Station	501-164-102
23-Type Station	501-164-103
25-Type Station	501-164-105
26-Type Station	501-164-106
28A Station	501-164-108
35-Type Station	501-164-115
36-Type Station	501-164-116
41-Type Station	501-163-101
43A Station	501-165-101
43B Station	501-165-102
51A Station	501-164-118
53A Station	501-165-110
53B Station	501-165-102
6-Type Station	501-162-100
7-Type Station	501-162-100
70-Type Station	501-165-115
8-Type Station	501-162-100
80-Type Station	501-165-180
9-Type Station	501-162-101
<i>Operation</i>	
26-Type Station	501-164-106
36-Type Station	501-164-116
41-Type Station	501-163-101
43A Station	501-165-101
43B Station	501-165-102
51A Station	501-164-118
53A Station	501-165-110
53B Station	501-165-102
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<i>Connections</i>	
Customer-Owned Enclosures	501-420-101
<i>Identification</i>	
Customer-Owned Enclosures	501-420-101

**DIALS (Cont)**

## Telephone Set Components (Cont)

<i>Installation</i>	
Customer-Owned Enclosures	501-420-101
<i>Maintenance</i>	
Customer-Owned Enclosures	501-420-101
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<b>DIGITAL DATA SYSTEM; SWITCHED—SEE SWITCHED DIGITAL DATA SYSTEM</b>	
<b>DIGITAL DATA SYSTEM; SWITCHING—SEE SWITCHING DIGITAL DATA SYSTEM</b>	
<b>DIGITAL LINE CIRCUIT (SD-73095-01)</b>	
<i>Operation Tests</i>	
758C Switching System	551-561-500
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758C Switching System	551-563-500
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<i>Operation Tests</i>	
758C Switching System	551-561-500
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<i>Operation Test</i>	
758C Switching System	551-562-500
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2000 DIMENSION® Private Branch Exchange	554-111-115
<i>Preinstallation and Planning Information</i>	
DIMENSION® Custom PBX	
2000 DIMENSION® Private Branch Exchange	554-111-101
2000 DIMENSION® Private Branch Exchange	554-111-101
<i>System Administration</i>	
2000 DIMENSION® Private Branch Exchange	554-111-110
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DIMENSION® PBX	554-191-112
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DIMENSION® PBX	554-191-119
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**DIMENSION\* FEATURES (Cont)**

<i>Direct Station Selection With Busy Lamp Field</i>	DIMENSION* PBX	554-191-115
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<i>Line Ringing</i>	DIMENSION* PBX	554-191-140
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<i>Origination Restriction</i>	DIMENSION* PBX	554-191-183
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<i>Ringin Transfer</i>	DIMENSION* PBX	554-191-140
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<i>Station Ringer Cutoff</i>	DIMENSION* PBX	554-191-140
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<i>Termination Restriction</i>	DIMENSION* PBX	554-191-213
<i>Timed Reminder</i>	DIMENSION* PBX	554-191-215
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**DIMENSION\* FEATURES (Cont)**

<i>Wide Frequency Tolerant Power Plant</i>	DIMENSION* PBX	554-191-233
<b>DIMENSION* PBX</b>	DIMENSION* PBX	554-010-122
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<i>Installation</i>	DIMENSION* PBX	554-010-102
<i>Maintenance</i>	DIMENSION* PBX	554-010-102
<i>Maintenance Plan</i>	DIMENSION* PBX	554-010-113
<i>Maintenance Support Information</i>	DIMENSION* PBX	554-010-112
<i>Operation</i>	DIMENSION* PBX	554-010-102
<i>Preinstallation Information</i>	DIMENSION* PBX	554-010-111
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<i>Maintenance Plan</i>		
100 DIMENSION* Private Branch Exchange		554-101-110
400 DIMENSION* Private Branch Exchange		554-101-110
<i>Operating Procedure</i>		
100 DIMENSION* Private Branch Exchange		554-101-115
400 DIMENSION* Private Branch Exchange		554-101-115
<i>Planning Information</i>		
100 DIMENSION* Private Branch Exchange		554-101-103
<i>Preinstallation</i>		
100 DIMENSION* Private Branch Exchange		554-101-103
<i>Scanner/Distributor and Network Control Maintenance Support Information</i>		
100 DIMENSION* Private Branch Exchange		554-101-106
400 DIMENSION* Private Branch Exchange		554-101-106
<i>System Administration</i>		
100 DIMENSION* Private Branch Exchange		554-101-110
400 DIMENSION* Private Branch Exchange		554-101-110

**DIMENSION® 100 (Cont)***System Description*

100 DIMENSION® Private Branch  
Exchange 554-101-102

**DIMENSION® 2000***Maintenance Plan*

2000 DIMENSION® Private Branch  
Exchange 554-111-110

*Maintenance Support Information*

2000 DIMENSION® Private Branch  
Exchange 554-111-106

*Network Control*

2000 DIMENSION® Private Branch  
Exchange 554-111-106

*Operating Procedures*

2000 DIMENSION® Private Branch  
Exchange 554-111-115

*Preinstallation and Planning  
Information*

DIMENSION® Custom PBX  
554-111-101

2000 DIMENSION® Private Branch  
Exchange 554-111-101

*Scanner Distributor*

2000 DIMENSION® Private Branch  
Exchange 554-111-106

*System Administration*

2000 DIMENSION® Private Branch  
Exchange 554-111-110

*System Description*

2000 DIMENSION® Private Branch  
Exchange 554-111-100

**DIMENSION® 400**

400 DIMENSION® Private Branch  
Exchange 554-010-135

*Maintenance Plan*

100 DIMENSION® Private Branch  
Exchange 554-101-110

400 DIMENSION® Private Branch  
Exchange 554-101-110

*Preinstallation Information*

400 DIMENSION® Private Branch  
Exchange 554-101-101

*Scanner/Distributor and Network  
Control Maintenance Support  
Information*

100 DIMENSION® Private Branch  
Exchange 554-101-106

400 DIMENSION® Private Branch  
Exchange 554-101-106

*System Administration*

100 DIMENSION® Private Branch  
Exchange 554-101-110

400 DIMENSION® Private Branch  
Exchange 554-101-110

*System Description*

400 DIMENSION® Private Branch  
Exchange 554-101-100

**DIMENSION® 400E***System Description*

400E DIMENSION® Private Branch  
Exchange 554-105-100

**DIODE***Connections***DIODE (Cont)***Identification*

*Installation*  
426N 501-320-100

**DIODES***Identification*

501-370-100

**DIRECT INWARD DIALING TRUNK**

(SD-66740-01 AND SD-1E003-01)

*Operation Tests**Step-By-Step Offices*

757A Private Branch  
Exchange 551-291-501

**DIRECT INWARD-1 DIALING TRUNK**

(SD-66741-01 AND SD-1E004-01)

*Operation Tests**Crossbar Offices*

757A Private Branch  
Exchange 551-290-501

**DIRECT INWARD-2 DIALING TRUNK**

(SD-5E046-01 OR SD-5E047-01)

*Operation Tests*

757A Private Branch  
Exchange 551-290-502

**DIRECT STATION SELECTION***Connections**Console Selector 1-Type*

757A Private Branch  
Exchange 551-224-210

**DIRECT STATION SELECTION BY STATIONS***Connections**Identification**Installation*

756A Private Branch Exchange 551-104-210

757A Private Branch Exchange 551-230-210

**DIRECT STATION SELECTION CIRCUIT***Operation Tests*

757A Private Branch Exchange 551-265-501

**DIRECT STATION SELECTION CIRCUIT**

(SD-66856-01); STATION—SEE STATION

**DIRECT STATION SELECTION CIRCUIT**

(SD-66856-01)

**DIRECTOR® TELEPHONE SETS; CALL—SEE**

CALL DIRECTOR® TELEPHONE SETS

**DIRECTOR® TELEPHONE; CALL—SEE CALL**

DIRECTOR® TELEPHONE

**DIRECTORY ALCOVE**

KS-16361 508-353-100

**DIRECTORY BINDER***Identification*

508-710-101

*Installation*

508-710-101

**DIRECTORY CABINET***Identification*

508-710-100

*Installation*

508-710-100

**DIRECTORY FASTENER***Identification*

508-710-101

*Installation*

508-710-101

**DIRECTORY HANGER***Identification*

KS-13350 508-710-101

KS-20030 CB508-710-102

KS-7302 508-710-101

*Installation*

KS-13350 508-710-101

KS-20030 CB508-710-102

KS-7302 508-710-101

<b>DIRECTORY HANGER (Cont)</b>		
<i>Maintenance</i>		
KS-20030	CB508-710-102	
<b>DIRECTORY SHELF</b>		
<i>Identification</i>	508-710-100	
<i>Installation</i>	508-710-100	
<b>DIRECTORY TABLE</b>		
<i>Identification</i>	508-710-100	
<i>Installation</i>	508-710-100	
<b>DISPLAY CIRCUIT (SD-98128-01);</b>		
<b>NUMBER—SEE NUMBER DISPLAY CIRCUIT</b>		
<b>(SD-98128-01)</b>		
<b>DISPLAY CONTROL CIRCUIT (SD-98060-01)</b>		
<i>Operation Tests</i>		
520-Type PBX Emergency		
Reporting System	473-218-610	
<b>DISPLAY UNIT-103A1</b>		
Telephone Console		
<i>Identification</i>		
500-Type	504-225-100	
<b>DISTRIBUTING CIRCUIT (SD-67069-01);</b>		
<b>INTERRUPTER, 1000-CYCLE-SUPPLY,</b>		
<b>AND—SEE INTERRUPTER,</b>		
<b>1000-CYCLE-SUPPLY, AND DISTRIBUTING</b>		
<b>CIRCUIT (SD-67069-01)</b>		
<b>DISTRIBUTING FRAME BAG</b>		
<i>Care and Use</i>	075-143-302	
<b>DISTRIBUTING SYSTEM; CALL—SEE CALL</b>		
<b>DISTRIBUTING SYSTEM</b>		
<b>DISTRIBUTION CIRCUIT (SD-65811-01);</b>		
<b>CALL—SEE CALL DISTRIBUTION CIRCUIT</b>		
<b>(SD-65811-01)</b>		
<b>DISTRIBUTION CIRCUIT (SD-65829-01);</b>		
<b>CALL—SEE CALL DISTRIBUTION CIRCUIT</b>		
<b>(SD-65829-01)</b>		
<b>DISTRIBUTION CIRCUIT ALARMS</b>		
<b>(SD-65829-01); CALL—SEE CALL</b>		
<b>DISTRIBUTION CIRCUIT ALARMS</b>		
<b>(SD-65829-01)</b>		
<b>DOOR ANSWERING; APARTMENT—SEE</b>		
<b>APARTMENT DOOR ANSWERING</b>		
<b>DRILL HOLDERS</b>		
<i>Description</i>	081-745-111	
<i>Use</i>	081-745-111	
<b>DRILL; AUTOMATIC—SEE AUTOMATIC DRILL</b>		
<b>DRIVE ANCHOR</b>		
<i>General</i>		
B	080-720-112	
C	080-720-112	
D	080-720-112	
<b>DRIVE RING</b>		
<i>General</i>	080-720-142	
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Attaching Devices for Walls		
Heavy Loading Area	462-350-212	
Light Loading Areas	462-350-211	
Medium Loading Areas	462-350-211	
Attachments		
Arm Guard	462-300-200	
Pole	462-300-200	
B Drop Wire Rule	462-400-100	
Bridging Connectors	462-030-115	
Clearance Attachment	462-300-211	
Clearances		
Light Loading Area	SB462-070-015	
Drop Wire Reel	462-030-100	
<b>DROP AND BLOCK WIRING (Cont)</b>		
First Attachment		
Runs to Building	462-350-213	
Insulated Wire	462-030-100	
Intermediate Attachment		
Runs on Buildings	462-350-214	
Last Attachment		
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E Span Clamp	462-300-205	
Stringing Sags	462-400-200	
Stringing Sags	462-500-011	
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Tree Interference	462-450-200	
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<i>Description</i>		
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B Insulator Spray	462-030-102	
Coaxial Wire (E and F)	462-030-140	
Drop Wire Clamp	462-030-105	
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<i>Discontinuance of Service</i>	462-470-240	
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<i>Discontinuance of Service</i>	462-470-241	
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<i>Lines</i>	462-240-200	
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<i>Installation</i>		
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Coaxial	462-405-205	
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<i>750</i>	SB462-400-206	
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Underground and Buried Cable		
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<b>DROP REEL; WIRE —SEE WIRE DROP REEL;</b>		
<b>DROP WIRE</b>		
Clearances	SB462-070-015	

**DROP WIRE CLAMP***Description*

Drop and Block Wiring

462-030-105

*General*

B

080-720-130

C

080-720-130

E

080-720-144

*Use*

Drop and Block Wiring

462-030-105

**DROP WIRE CLAMP (E)***Description**Installation*

Drop and Block Wiring

462-030-111

**DROP WIRE HOOK***General*

080-720-131

**DROP WIRE; MULTIPLE—SEE MULTIPLE DROP WIRE****DROP WIRE—SEE ALSO DROP AND BLOCK WIRING****DSS POSITION; ATTENDANT—SEE ATTENDANT****DSS POSITION****DUCTS***Overfloor**General*

461-300-100

*Underfloor**General*

461-300-100

*Identification*

Placing Wire and Cable

461-300-101

**DUCTS AND ASSOCIATED FITTINGS***Overfloor**Identification*

461-350-100

*Installation*

461-350-100

**DZUS FASTENERS***Piece-Part Data and Replacement Procedures*

Used in the K2 Carrier

Telephone System

069-301-802

Used in the N1 Carrier

Telephone System

069-301-801

**E SPAN CLAMP***Drop and Block Wiring*

Strand Attachments

462-300-205

**ECHO SUPPRESSION AND ANTI-SING CIRCUIT***4-Wire**Connections**Identification**Installation**Line-Up Procedures*

SD-1G283-01

480-612-100

**ELECTRIC SOLDERING COPPER AND IRONS***Tests and Inspections*

075-190-501

**ELECTROMAGNETIC INTERFERENCE***For Telephone Sets*

Radio Signal Suppression

SA500-150-100

**ELECTRON TUBES AND DIODES***Connections**Identification**Installation*

425A

501-320-100

425A

501-320-100

426N Diode

501-320-100

**ELECTRONIC SWITCHING SYSTEM***No. 1 (2-Wire)**Equipment Trouble Location***ELECTRONIC SWITCHING SYSTEM (Cont)***No. 1 (2-Wire) (Cont)**Equipment Trouble Location (Cont)**Procedure*

Centrex Console Control

Cabinet

540-576-306

*No. 1 (2-Wire; Centrex Service)**Connections to Control Cabinet*

1B-Type

Telephone Console

540-576-210

2B-Type

Telephone Console

540-576-210

*Fault Location Procedures*

Centrex Data Link and Console

Demand Exercise

540-576-305

*Installation*

1B-Type

Telephone Console

540-576-210

2B-Type

Telephone Console

540-576-210

*Method of Operation (Switched Loop Operation)*

1B-Type

Telephone Console

540-576-301

2B-Type

Telephone Console

540-576-301

*No. 1 (2-Wire, Centrex-PBX Service)**Method of Operation*

27A-Type

Centralized Attendant

Service

540-576-303

Telephone Console

540-576-303

*No. 101**Analysis of Miscellaneous**Application*

Test Point Comparator

240-355-301

*Audit Procedures*

4A Switch Unit

240-270-101

*Conditioning Procedure*

Twistor Store

240-341-501

*Connections*

J1H011A Switch Unit

240-202-201

2A Switch Unit

240-245-201

3A Switch Unit

240-255-201

4A Switch Unit

240-265-201

Attendant Direct Station

Selection Console

J1H011A Switch Unit

240-204-202

Attendant Equipment

J1H011A Switch Unit

240-204-201

Direct Station Selection

Console

2A Switch Unit

240-246-202

Direct Station Selection

Console

3A Switch Unit

240-256-202

Miscellaneous Equipment

1A Switch Unit

240-207-201

2A Switch Unit

240-248-201

3A Switch Unit

240-258-201

*Connections (J1H011A Switch Unit)*

1-Type

Telephone Console

240-204-201

## ELECTRONIC SWITCHING SYSTEM (Cont)

## ELECTRONIC SWITCHING SYSTEM (Cont)

No.101		No.102	
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3A Switch Unit	240-255-202	<i>Maintenance Printouts</i>	240-125-123
<i>Description and Operation</i>		<i>Manual Maintenance Routines</i>	
131A Test Set		Control Unit	240-320-501
For Testing 2A Switch Unit	240-250-302	<i>Manual Test</i>	
For Testing 3A Switch Unit	240-260-302	Control Unit Clock	240-343-501
<i>Description of System Operation</i>		<i>Manual Tests</i>	
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3A Switch Unit	240-101-103	3A Switch Unit	240-261-501
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3A Switch Unit	240-258-201	Program Store Administrative Data	240-314-010
<i>Installation</i>		<i>Program Store—Administration Removing and Restoring Procedures</i>	240-120-110
J1H011A Switch Unit	240-201-201	Control Unit-Power Failure Requirements and Adjusting Procedures	240-351-301
2A Switch Unit	240-245-201	2-Type Card Writing Unit	240-315-701
3A Switch Unit	240-255-201	<i>Retry Printout Analysis Service Options</i>	240-200-502
4A Switch Unit	240-265-201	2A Switch Unit	240-245-201
<i>Attendant Direct Station Selection Console</i>		3A Switch Unit	240-255-201
J1H011A Switch Unit	240-204-202	4A Switch Unit	240-265-201
<i>Direct Station Selection Console</i>		<i>Switch Unit Maintenance</i>	
2A Switch Unit	240-246-202	<i>Switch Unit Periodic Maintenance Routine</i>	
<i>Direct Station Selection Console</i>		240-200-501	
3A Switch Unit	240-256-202	<i>Test of Power Diodes</i>	
<i>Miscellaneous Equipment</i>		Control Unit Data Link Transfer Circuit	240-351-501
1A Switch Unit	240-207-201	Control Unit Data Transmitter	240-353-501
2A Switch Unit	240-248-201	<i>Maintenance Center Data Control Transfer Circuit</i>	
3A Switch Unit	240-258-201	240-327-501	
<i>Installation and Connection of J1H013E Frame to an Operating Switch Unit</i>			
3A Switch Unit	240-255-204		

## ELECTRONIC SWITCHING SYSTEM (Cont)

No. III

<i>Test of Readout Loop</i>	
Twistor Store Failures	240-342-501
<i>Test of Redundant Circuits</i>	
Maintenance Center Alarm Circuit	240-325-501
Maintenance Center Lockout Relays	240-323-501
Maintenance Center On-Line Timers	240-321-501
<i>Tests and Inspections at Time of Installation</i>	
J1H011A Switch Unit	240-209-201
2A Switch Unit	240-249-201
3A Switch Unit	240-259-201
4A Switch Unit	240-269-201
<i>Tests using 124A Test Set</i>	
<i>SD-1H070-01</i>	
Attendant Circuit	
J1H011A Switch Unit	240-234-501
Attendant Number Translator Circuit	
J1H011A Switch Unit	240-233-501
Bus Clamp and Interbus Switch Circuit	
J1H011A Switch Unit	240-237-501
Clock Circuit	
J1H011A Switch Unit	240-229-501
Data Distributor Circuit	
J1H011A Switch Unit	240-228-501
Data Receiver Circuit	
J1H011A Switch Unit	240-227-501
Data Transmitter Circuit	
J1H011A Switch Unit	240-240-501
Line Number Translator Circuit	
J1H011A Switch Unit	240-232-501
Ring-Ringback Logic Circuit	
J1H011A Switch Unit	240-231-501
Scanner Circuit	
J1H011A Switch Unit	240-239-501
Switch Store Circuit	
J1H011A Switch Unit	240-230-501
Test Line Circuit	
J1H011A Switch Unit	240-236-501
Tone Generators Circuit	
J1H011A Switch Unit	240-238-501
Transfer and Alarms Circuit	
J1H011A Switch Unit	240-235-501
<i>Trouble Locating Procedure</i>	
Attendant Circuit using 131A Test Set	
2A Switch Unit	240-253-509
3A Switch Unit	240-263-509
4A Switch Unit	240-263-509
Bounce Test	
2A Switch Unit	240-253-504
3A Switch Unit	240-263-504
4A Switch Unit	240-263-504
Cured by Grand Slam using 131A Test Set	
2A Switch Unit	240-253-501
3A Switch Unit	240-263-501
4A Switch Unit	240-263-501

## ELECTRONIC SWITCHING SYSTEM (Cont)

No. III

<i>Trouble Locating Procedure (Cont)</i>	
Digit Trunk Test using 131A Test Set	
2A Switch Unit	240-253-512
3A Switch Unit	240-263-512
4A Switch Unit	240-263-512
During 24-Hour Maintenance using 131A Test Set	
2A Switch Unit	240-253-510
3A Switch Unit	240-263-510
4A Switch Unit	240-263-510
Failure Detected by Time Division Control Disable Using 131A Test Set	
2A Switch Unit	240-253-503
Failure to Restore Switch Units Using 131A Test Set	240-200-503
Force Off-Hook Test	
3A Switch Unit	240-263-505
4A Switch Unit	240-263-505
Group Translator Test	
2A Switch Unit	240-253-506
3A Switch Unit	240-263-506
4A Switch Unit	240-263-506
Immediate or Interrupted Ring Test	
2A Switch Unit	240-253-507
3A Switch Unit	240-263-507
4A Switch Unit	240-263-507
Intergroup Switch Test using 131A Test Set	
2A Switch Unit	240-253-511
3A Switch Unit	240-263-511
4A Switch Unit	240-263-511
Resulting in a Scanner Switch using 131A Test Set	
2A Switch Unit	240-253-502
3A Switch Unit	240-263-502
4A Switch Unit	240-263-502
Synch Test using 131A Test Set	
3A Switch Unit	240-263-513
4A Switch Unit	240-263-513
Transmission Test	
2A Switch Unit	240-253-508
3A Switch Unit	240-263-508
4A Switch Unit	240-263-508
2A Switch Unit	240-200-503
3A Switch Unit	240-200-503
<i>Trouble Location Procedure</i>	
Force Off-Hook Test	
2A Switch Unit	240-253-505
<i>Trunk Control Frame Cross Connections</i>	
Control Unit	240-313-301
<i>24-Hour Maintenance Printouts</i>	240-125-121
No. 2	
<i>Fault Location Procedures</i>	
Centrex Data Link and Console Demand Exercise	540-576-304
No. 2 (2-Wire)	
<i>Equipment Trouble Location Procedure</i>	
Centrex Console Control Cabinet	540-576-306



**ELECTRONIC SWITCHING SYSTEM (Cont)**

## No. 2 (2-Wire) (Cont)

*Method of Operation (Switched Loop Operation)*1B-Type  
Telephone Console 540-576-3022B-Type  
Telephone Console 540-576-302

## No. 2 (2-Wire; Centrex Service)

*Connections to Control Cabinet*1B-Type  
Telephone Console 540-576-2102B-Type  
Telephone Console 540-576-210*Installation*1B-Type  
Telephone Console 540-576-2102B-Type  
Telephone Console 540-576-210**ELECTRONIC SWITCHING SYSTEM****APPLICATION (NO. 101)***Description*

No. 2 Switching Control Center System 190-119-110

*Emergency Action Procedure*

No. 2 Switching Control Center System 190-119-311

*Operation and Trouble Analysis**Procedures*

No. 2 Switching Control Center System 190-119-310

**ELECTRONIC TELEPHONE SETS;****MULTIBUTTON—SEE MULTIBUTTON ELECTRONIC TELEPHONE SETS****ELECTRONIC TIE TRUNK (J59204,****SD-1E500-01, SD-1E500-02)**

## Electronic Tie Trunk

*Connections*

PBX Systems 534-364-212

*Diagnostic Tests*

PBX Systems 534-364-300

*Identification*

PBX Systems 534-364-212

*Installation*

PBX Systems 534-364-212

*Trouble-Locating Procedures*

PBX Systems 534-364-300

**ELEVATOR TELEPHONE SET**

## Telephone Set

*Connections**Identification**Installation*

322-Type 502-402-100

**EMERGENCY REPORTING***Reference*570-Type  
Special Purpose Telephone Set 502-501-119**EMERGENCY REPORTING SYSTEM**

## Concentrator-Type

*Method of Operation*

520-Type Private Branch Exchange 473-218-301

**EMERGENCY REPORTING SYSTEM (Cont)**

## Direct Line (Cont)

*Method of Operation*

## 520-Type Private Branch Exchange

473-218-300

Jack Ended Lines  
*Operation Tests* 473-228-543Jack Ended Lines (Separate from PBX)  
*Operation Tests* 473-228-541Key Ended Lines (Terminated in Turret)  
*Operation Tests* 473-228-540

## Manual PBX

*Arrangements for Terminating Emergency Reporting Lines* 473-228-110

## Public

*Connections* 473-310-100*Description* 473-310-100*Installation* 473-310-100*Maintenance* 473-310-100*Operation* 473-310-100

## 520-Type PBX

*General Description*

Concentrator System 981-226-100

Direct Line Systems 981-225-100

*Inspections*

Cord Circuits 473-218-525

Position Circuits 473-218-525

*Operation Tests*

Alarm Circuit 473-218-500

Annunciator Circuit 473-218-630

Call Recording Circuit 473-218-520

Central Office Trunk Circuits (SD-99362-01, SD-98051-01) 473-218-665

Display Control Circuit (SD-98060-01) 473-218-610

Flash and Wink Circuits 473-218-660

Line Concentrator (Central Office Equipment) 067-302-503

Long Line Circuit (SD-99545-01) 473-218-661

Number Display Circuit (SD-98128-01) 473-218-610

Outgoing Trunk Circuits (Central Office Equipment) 067-302-503

Paging Line and Status Circuits 473-218-630

Selective Routing Circuits with Direct Lines 473-218-655

Station Line Circuits 473-218-660

Supervisory Device Line Circuit 473-218-660

*Operation Tests Using Central Office Test Circuit SD-98067-01*

Line Concentrator (Central Office Equipment) 067-301-501

*Recording, Analysis, and Handling Trouble Indicator Reports*

Line Concentrator (Central Office Equipment) 067-302-301

*Tests*

Cord Circuits 473-218-525

Long Line Circuits (Central Office Equipment) 067-303-501

Position Circuits 473-218-525

**EMERGENCY REPORTING SYSTEM (Cont)**

520-Type PBX (Cont)

*Tests (Cont)*Selective Routing Circuits with  
Direct Lines (Central Office  
Equipment)

067-304-501

*Tests and Inspections at Time of  
Installation*Direct Line and Concentrator  
Systems

473-218-210

*Tests Using Test Circuit*

SD-98067-01

Controller Circuit (Central  
Office Equipment)

067-302-502

Line Concentrator (Central  
Office Equipment)

067-302-501

Line Concentrator (Central  
Office Equipment)

067-302-502

911 (Basic Service)

*General Description*

8A KTS

981-226-110

**EMERGENCY REPORTING/ANSWERING BUREAUS**

911

*Method of Operation*

CALL DIRECTOR® Telephone Set

473-310-103

**EMERGENCY TRANSFER***Operation Tests*

812A Private Branch Exchange

553-212-500

**EMERGENCY TRANSFER CIRCUITS; ALARM****AND—SEE ALARM AND EMERGENCY TRANSFER  
CIRCUITS****EQUALIZERS; CABLE—SEE CABLE****EQUALIZERS****EQUIPMENT***General Cleaning, Dusting, and  
Washing Operations*

069-305-301

**EQUIPMENT BAY***Connections (One Line and 6-Station  
Single Link Intercom)*

J53051A

1P2 Key Telephone Systems

518-800-421

*Connections (Single Group and  
Multigroup Line)*

J53051B

1P2 Key Telephone Systems

518-800-429

*Connections (2- or 3-Link  
Intercom)*

J53051C

1P2 Key Telephone Systems

518-800-437

*Connections (2-Line)*

J53051A

1P2 Key Telephone Systems

518-800-417

*Connections (10-Station Single  
Link Intercom)*

J53051A

1P2 Key Telephone Systems

518-800-425

*Identification*

J53051A

1P2 Key Telephone Systems

518-800-120

J53051B

1P2 Key Telephone Systems

518-800-122

*Identification (2- or 3-Link  
Intercom)*

J53051C

1P2 Key Telephone Systems

518-800-128

**EQUIPMENT BAY (Cont)***Installation*

J53051A

1P2 Key Telephone Systems

518-800-120

J53051B

1P2 Key Telephone Systems

518-800-122

*Installation (2- or 3-Link**Intercom)*

J53051C

1P2 Key Telephone Systems

518-800-128

*Trouble Locating (2- or 3-Link**Intercom)*

J53051C

1P2 Key Telephone Systems

518-800-507

*Trouble Locating Procedures (Single  
and Multigroup Line)*

1P2 Key Telephone Systems

518-800-505

**EQUIPMENT CABINET***Connections*

1A Telephone Answering System

473-609-201

*Identification*

Apparatus Cabinet (26-Plate)

KA463-140-100

Apparatus Cabinet (45-Plate)

KA463-140-100

Cabinet Floor-Supported (Per

ED-69488-50, Group 1)

KA463-140-100

Floor-Supported Cabinet

KA463-140-100

Per ED-91180-70 (18-Plate)

KA463-140-100

Per ED-91472-70 (4-Plate)

KA463-140-100

Wall Relay Rack

KA463-140-100

1A Telephone Answering System

473-609-201

*Installation*

1A Telephone Answering System

473-609-201

*Service Options*

1A Telephone Answering System

473-609-201

**EQUIPMENT PBX; TEST—SEE TEST EQUIPMENT****PBX****EQUIPMENT STATION; TEST—SEE TEST****EQUIPMENT STATION****EQUIPMENT; ASSOCIATED—SEE ASSOCIATED****EQUIPMENT****EQUIPMENT; ATTENDANT—SEE ATTENDANT****EQUIPMENT****EQUIPMENT; AUXILIARY—SEE AUXILIARY****EQUIPMENT****EQUIPMENT; CONFERENCE—SEE CONFERENCE****EQUIPMENT****EQUIPMENT; KEY—SEE KEY EQUIPMENT****EQUIPMENT; STATION—SEE STATION****EQUIPMENT****EQUIPMENT; SUBSCRIBER—SEE SUBSCRIBER****EQUIPMENT****EQUIPMENT; SWITCHBOARD—SEE SWITCHBOARD****EQUIPMENT****EQUIPMENT; TOUCH-TONE® CALLING—SEE****TOUCH-TONE® CALLING EQUIPMENT****ESS—SEE ELECTRONIC SWITCHING SYSTEM****EXECUTIVE TRUNK CIRCUIT (SD-1E000-01****WITH RINGBACK AND CAMP-ON TONE****SIGNAL)***Operation Tests*

757A Private Branch Exchange

551-277-501

**EXTENDER***Connections**Identification**Installation*

11A

501-322-101

<b>EXTENDER (Cont)</b>			<b>FEATURE UNITS (Cont)</b>	
<i>Installation (Cont)</i>			<i>Identification</i>	
11B	501-322-101		<i>Installation</i>	
<b>EXTENDER; RINGING—SEE RINGING</b>			812A Private Branch Exchange	553-212-201
<b>EXTENDER</b>			<b>FEATURES</b>	
<b>EXTENSION LADDER</b>			<i>Abbreviated and Delayed Ringing</i>	
<i>Description</i>			DIMENSION* PBX	554-191-140
C	081-740-105		<i>Attendant Console</i>	
D	081-740-105		DIMENSION* PBX	554-191-112
E			<i>Automatic Callback - Calling</i>	
Fiberglass	081-740-106		DIMENSION* PBX	554-191-119
<i>Use</i>			<i>Call Hold</i>	
E			DIMENSION* PBX	554-191-128
Fiberglass	081-740-106		<i>Code Calling Access</i>	
<b>EXTENSION LINES; MANUAL—SEE MANUAL</b>			DIMENSION* PBX	554-191-135
<b>EXTENSION LINES</b>			<i>Code Restriction</i>	
<b>EXTENSION TELEPHONE; SEMIPUBLIC—SEE</b>			DIMENSION* PBX	554-191-137
<b>SEMIPUBLIC EXTENSION TELEPHONE</b>			<i>Common Audible Ringing</i>	
<b>EXTERNAL TRAFFIC REGISTER CABINET</b>			DIMENSION* PBX	554-191-140
<i>Connections</i>			<i>Direct Station Selection With Busy</i>	
<i>Identification</i>			<i>Lamp Field</i>	
<i>Installation</i>			DIMENSION* PBX	554-191-115
756A Private Branch Exchange	551-137-210		<i>Distinctive Ringing</i>	
<b>EXTERNAL TRAFFIC REGISTER CABINET</b>			DIMENSION* PBX	554-191-151
(J58857, 5D-5E010-01)			<i>Executive Override</i>	
<i>Connections</i>			DIMENSION* PBX	554-191-155
<i>Identification</i>			<i>Journal Printers Feature</i>	
<i>Installation</i>			DIMENSION* PBX	554-191-222
757A Private Branch Exchange	551-237-210		<i>Line Ringing</i>	
<b>EXTRACTOR; LAMP—SEE LAMP EXTRACTOR</b>			DIMENSION* PBX	554-191-140
<b>F SPAN CLAMP</b>			<i>Local Call Billing Feature</i>	
Drop and Block Wiring			DIMENSION* PBX	554-191-217
<i>Description</i>	462-300-206		<i>Manual Originating Line Service</i>	
<i>Installation</i>	462-300-206		DIMENSION* PBX	554-191-175
<b>FABRIC BODY BELT</b>			<i>Origination Restriction</i>	
<i>Description</i>			DIMENSION* PBX	554-191-183
Use			<i>Outgoing Trunk Queuing</i>	
C	SB081-720-101		DIMENSION* PBX	554-191-186
D	SB081-720-101		<i>Recall Button</i>	
E	SB081-720-101		DIMENSION* PBX	554-191-193
F	SB081-720-101		<i>Recall Dial Tone</i>	
<b>FACILITIES AND TEST CALLS; TEST—SEE</b>			DIMENSION* PBX	554-191-193
<b>TEST FACILITIES AND TEST CALLS</b>			<i>Reference Guide</i>	
<b>FACILITIES; TEST—SEE TEST FACILITIES</b>			DIMENSION* PBX	554-191-100
<b>FADS REGISTERS</b>			<i>Remote Access to PBX Services</i>	
<i>Operation Tests</i>			DIMENSION* PBX	554-191-195
2A Automatic Call Distributing				
System	476-223-501			
3A Automatic Call Distributing				
System	476-335-501			
<b>FADS—SEE FORCE ADMINISTRATIVE DATA</b>				
<b>SYSTEM (FADS)</b>				
<b>FAILURE TRANSFER CIRCUIT; POWER—SEE</b>				
<b>POWER FAILURE TRANSFER CIRCUIT</b>				
<b>FARM INTERPHONE—SEE INTERPHONE SYSTEM</b>				
<b>FASTENER; DIRECTORY—SEE DIRECTORY</b>				
<b>FASTENER</b>				
<b>FASTENERS; DZUS—SEE DZUS FASTENERS</b>				
<b>FASTENERS; MASONRY—SEE MASONRY</b>				
<b>FASTENERS</b>				
<b>FEATURE UNIT; TRUNKS AND—SEE TRUNKS</b>				
<b>AND FEATURE UNIT</b>				
<b>FEATURE UNITS</b>				
<i>Connections</i>				

## FEATURES (Cont)

<i>Ringling Transfer</i> DIMENSION® PBX	554-191-140
<i>Rotary Dial Calling</i> DIMENSION® PBX	554-191-197
<i>Station Message Detail Recording</i> DIMENSION® PBX	554-191-208
<i>Station Ringer Cutoff</i> DIMENSION® PBX	554-191-140
<i>Station-to-Station Calling</i> DIMENSION® PBX	554-191-209
<i>Termination Restriction</i> DIMENSION® PBX	554-191-213
<i>Timed Reminder</i> DIMENSION® PBX	554-191-215
<i>Toll Restriction</i> DIMENSION® PBX	554-191-137
<i>Wide Frequency Tolerant Power Plant</i> DIMENSION® PBX	554-191-233
<b>FEATURES, TRUNKS, AND MISCELLANEOUS EQUIPMENT</b>	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i> 770A Private Branch Exchange	551-770-203
<b>FEEDER BRUSH TIPS</b>	
<i>Repairing using the 1004A or 1004B Tool Kit</i>	069-311-801
<b>FEEDERS; BATTERY—SEE BATTERY FEEDERS</b>	
<b>FEEDERS; RINGING—SEE RINGING FEEDERS</b>	
<b>FILTERS</b>	
<i>Identification</i> 61-Type	501-170-100
<i>Installation</i> 61-Type	501-170-200
<i>Maintenance</i> 61-Type	501-170-200
<b>FINDER (SD-67020-01); TOUCH-TONE® TRUNK—SEE TOUCH-TONE® TRUNK FINDER (SD-67020-01)</b>	
<b>FINDER CIRCUIT (SD-65906-01); TRUNK—SEE TRUNK FINDER CIRCUIT (SD-65906-01)</b>	
<b>FINDER CIRCUITS (8-WIRE SD-65962-01 AND SD-65975-01)</b>	
<i>Operation Tests</i> 3A Automatic Call Distributing System	476-312-501
<b>FINDERS AND 3-WIRE TRUNK FINDERS; LINE—SEE LINE FINDERS AND 3-WIRE TRUNK FINDERS</b>	
<b>FINDERS; LINE—SEE LINE FINDERS</b>	
<b>FITTINGS</b>	
<i>Identification</i> Placing Wire and Cable	461-300-101
<b>FIXTURE; LIGHT—SEE LIGHT FIXTURE</b>	

## FLASH AND WINK CIRCUITS

<i>Operation Tests</i> 520-Type PBX Emergency Reporting System	473-218-660
<b>FLOOR-SUPPORTED (PER ED-69488-50, GROUP 1); CABINET—SEE CABINET</b>	
<b>FLOOR-SUPPORTED (PER ED-69488-50, GROUP 1)</b>	
<b>FLOOR-SUPPORTED CABINET</b>	
<i>Identification</i> Equipment Cabinet	KA463-140-100
<b>FLUTTER-FLASH LAMP SIGNAL SUPPLY CIRCUIT (SD-67076-01)</b>	
<i>Operation Test</i> 758A/B Switching System	551-470-505
<i>Operation Tests</i> 758A Private Branch Exchange 758C Private Branch Exchange	551-416-500 551-531-500
<b>FOOT LADDER</b>	
<i>Description</i> B	081-740-105
<b>FORCE ADMINISTRATION DATA SYSTEM (FADS)</b>	
<i>Distribution</i>	
<i>Installation</i>	
<i>Tests</i> 2A Automatic Call Distributing System	476-100-106
2B Automatic Call Distributing System	476-100-106
3A Automatic Call Distributing System	476-100-106
<b>FORCE ADMINISTRATIVE DATA SYSTEM (FADS)</b>	
<i>General Description</i> Used With 2A and 3A Automatic Call Distributing System	981-234-100
<i>Operation Tests</i> 2A Automatic Call Distributing System	476-256-501
3A Automatic Call Distributing System	476-344-501
<b>FOUNDATION AND ASSOCIATED APPARATUS</b> KS-21976	
<i>Identification</i>	
<i>Installation</i> SENTRY	CB508-809-100
<b>FRAME BAG; DISTRIBUTING—SEE DISTRIBUTING FRAME BAG</b>	
<b>FRAME; CARD—SEE CARD FRAME</b>	
<b>FREQUENCY INTERFERENCE; RADIO—SEE RADIO FREQUENCY INTERFERENCE</b>	
<b>FTM (34A VOICE COUPLER)</b>	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
<i>Operation</i> Protective Connecting Arrangement	IA463-341-103
<b>FTP</b>	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	

<b>FTP (Cont)</b>				<b>GENERAL PRECAUTIONS (Cont)</b>	
Maintenance				Outside Plant	
Operation				Observations and Tests	
Voice Connecting Arrangement	IA463-341-102			Before Climbing or Working at	
<b>FULLY RESTRICTED STATION FEATURE</b>				Joint Use Poles	
Connections				B Voltage Tester	620-105-010
Identification				Wire and Cable	
Installation				Reference	
757A Private Branch Exchange	551-244-201			Mechanical Protection	SB460-300-149
<b>FUSE PANELS; FUSES AND—SEE FUSES AND</b>				Separation	SB460-300-149
<b>FUSE PANELS</b>				Wire Terminal	
<b>FUSES AND FUSE PANELS</b>				Reference	
Inspections				Multiple Line Wire	SB460-300-140
Manual and Dial PBX	534-360-535			Wiring Access Points	
<b>GATE FINDER CIRCUIT (SD-5E035-01);</b>				Dedicated Plant	SB460-300-134
<b>SPLIT—SEE SPLIT GATE FINDER CIRCUIT</b>				<b>GENERATOR, BATTERY, AUXILIARY SIGNAL,</b>	
<b>(SD-5E035-01)</b>				<b>NIGHT ALARM AND FUSE ALARM</b>	
<b>GATE GROUP CIRCUIT (SD-5E050-01);</b>				Tests and Inspections	
<b>SPLIT—SEE SPLIT GATE GROUP CIRCUIT</b>				700C (Manual Switchboard)	
<b>(SD-5E050-01)</b>				Private Branch Exchange	541-004-600
<b>GAUGES</b>				<b>GLOVES; INSULATING—SEE INSULATING</b>	
General				<b>GLOVES</b>	
Coin Telephone Stations	CA506-100-103			<b>GREASE AND OIL; GUNS,—SEE GUNS, GREASE</b>	
<b>GC2 (USING 15D KTU)</b>				<b>AND OIL</b>	
Connections				<b>GROUND WIRE</b>	
Identification				Attaching and Fastening	461-200-211
Installation				<b>GROUND WIRE NAIL</b>	
Maintenance				General	080-720-108
Operation				<b>GROUND WIRE STAPLE</b>	
Protective Connecting				General	080-720-108
Arrangement	IB463-382-100			<b>GROUP ALERTING SYSTEM</b>	
<b>GENERAL PRECAUTIONS</b>				Connections	480-310-400
Block Wire				Identification	
Discontinuance of Service	SB460-300-129			Control Unit 53A	480-310-100
Reference				Control Unit 53B	480-310-100
Attaching and Fastening	SB460-300-123			<b>GTS</b>	
Buried Plant				Identification	
Reference				Installation	
Buried Wire Terminations	SB460-300-143			Maintenance	
Climbing Pole or Ladder				Operation	
Reference	SB460-300-110			Protection	
Distances				Voice Connecting Arrangement	463-340-112
Minimum Approach Distances to				<b>GUARD; ARM—SEE ARM GUARD</b>	
Exposed Energized Power				<b>GUARD; PROTECTOR—SEE PROTECTOR GUARD</b>	
Conductors	460-300-115			<b>GUARDING WORK AREAS</b>	
Drop and Block Wiring				Outside Plant	
Wire Terminals				Description	
Pole-Mounted	SB460-300-145			Standard Warning Devices	620-135-010
Sheath-Mounted	SB460-300-145			Description and Use	
Strand-Mounted	SB460-300-145			Standard Warning Devices	620-135-100
Wall-Mounted	SB460-300-145			<b>GUARDS; POLARITY—SEE POLARITY GUARDS</b>	
Drop Wire				<b>GUNS, GREASE AND OIL</b>	
Discontinuance of Service	SB460-300-129			Filling	075-140-301
Reference				<b>HAMMER</b>	
Attaching and Fastening	SB460-300-123			Description	081-745-102
Pole-to-Building Runs	SB460-300-127			General	
Pole-to-Pole Runs	SB460-300-127			B	080-123-101
Drops				<b>HAND TELEPHONE SET</b>	
General				Connections	
Open and Rural Lines	SB460-300-121			200 Series	510-120-100
Joint Use Poles				201A	510-120-400
Reference				201B	510-120-400
Clearances and Separations	SB460-300-111			201C	510-120-400
Multiple Drop Wire				201D	510-120-400
Reference				202E	510-120-401
Placement	SB460-300-131			202F	510-120-401

## HAND TELEPHONE SET (Cont)

## Connections (Cont)

202G	510-120-401
202H	510-120-401
206A	510-120-402
206B	510-120-402
206C	510-120-402
206D	510-120-402
207A	510-120-403
207B	510-120-403
207C	510-120-403
207D	510-120-403
211-Type	
3-Type Speakerphone System	512-620-407
211E	510-120-404
211F	510-120-404
211G	510-120-404
211H	510-120-404
212L	510-120-405
213A	510-120-406
213B	510-120-406
213C	510-120-406
213E	510-120-406
215A	510-120-407
215B	510-120-407
215C	510-120-407
215D	510-120-407
220-Type	SA502-303-102
2211P	
3-Type Speakerphone System	512-620-407
2220-Type	SA502-303-102
2226-Type	SA502-303-102
226-Type	SA502-303-102
Identification	
220-Type	SA502-303-102
2220-Type	SA502-303-102
2226-Type	SA502-303-102
226-Type	SA502-303-102
Installation	
220-Type	SA502-303-102
2220-Type	SA502-303-102
2226-Type	SA502-303-102
226-Type	SA502-303-102
Maintenance	
211-Type	
3-Type Speakerphone System	512-620-407
220-Type	SA502-303-102
2211P	
3-Type Speakerphone System	512-620-407
2220-Type	SA502-303-102
2226-Type	SA502-303-102
226-Type	SA502-303-102
Reference	
201A, B, C, D	502-301-100
202A, B, C, D	502-301-103
203A, B, C, D, E, F	502-301-103
211A, B, C, D	502-301-100
211JR, LR, MR, NR, PR	502-301-101
212A, B, C	502-301-100
212L, M	502-301-102
213A, B, C, E	502-301-100
215A, B, C, D	502-301-103
220-Type	502-303-101
2211-Type	502-302-101
2212-Type	502-302-101
2220-Type	502-303-101

## HAND TELEPHONE SET (Cont)

## Reference (Cont)

2226-Type	502-303-101
223A, B, C	502-301-104
226-Type	502-303-101

## Service

201A, B, C, D	502-320-410
202A, B, C, D	502-320-414
203A, B, C, D, E, F	502-320-415
211-Type	SA502-320-400
211A, B, C, D	502-320-411
212A, B, C	502-320-412
212L	SA502-320-401
213A, B, C, E	502-320-413
215A, B, C, D	502-320-416
220-Type	
TRIMLINE® Telephone	SA502-322-400
2220-Type	
TRIMLINE® Telephone	SA502-322-400
2226-Type	
TRIMLINE® Telephone	SA502-322-400
226-Type	
TRIMLINE® Telephone	SA502-322-400

## Magneto

## Connections

200 Series	510-320-400
201A	510-320-401
202H	510-320-402
211E	510-320-403
213E	510-320-404
215A	510-320-405

## HAND TOOLS

## Aluminum Oxide Coated

Inspection	075-115-301
Maintenance	075-115-301

## HANDLING; PACKAGING AND—SEE PACKAGING AND HANDLING

## HANDS-FREE ANSWERING ON INTERCOM

## Key Telephone Systems

## Description

1A1	KB518-010-115
1A2	KB518-010-115
6A	KB518-010-115

## HANDSET

## Connections

F-Series	501-210-101
G1-Type	501-210-102
G11-Type	501-210-102
G12A	501-210-103
G15A	501-210-103
G2-Type	501-210-102
G3-Type	501-210-102
G36-Type	SA501-211-103
G4-Type	501-210-102
G5-Type	501-210-102
J1A	501-210-104
KS-16504 Type	501-210-120
K1A	501-210-105

## Description

Maintenance	
1013B	106-020-113

## Identification

F-Series	501-210-101
G1-Type	501-210-102
G11-Type	501-210-102
G12A	501-210-103

**HANDSET (Cont)***Identification (Cont)*

G15A	501-210-103
G2-Type	501-210-102
G3-Type	501-210-102
G36-Type	SA501-211-103
G4-Type	501-210-102
G5-Type	501-210-102
J1A	501-210-104
KS-16504 Type	501-210-120
K1A	501-210-105

*Maintenance*

F-Series	501-210-101
G1-Type	501-210-102
G11-Type	501-210-102
G12A	501-210-103
G15A	501-210-103
G2-Type	501-210-102
G3-Type	501-210-102
G36-Type	SA501-211-103
G4-Type	501-210-102
G5-Type	501-210-102
J1A	501-210-104
KS-16504 Type	501-210-120
K1A	501-210-105

*Use*

Maintenance	
1013B	106-020-113

## Telephone Set Components

*Connections**Identification**Installation**Maintenance*

Customer-Owned Enclosures	501-420-102
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**HANDSET (AMPLIFIER)***Connections**Identification**Maintenance**Schematics*

G13-Type	SA501-211-102
G6-Type	SA501-211-102
G7-Type	SA501-211-102
G8-Type	SA501-211-102

**HANDSET (G8-TYPE)**

Apparatus for Noise Locations	SA501-211-102
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**HANDSET HANGER***Identification**Installation*

10A	463-135-100
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**HANGER CLIP***General*

B	080-720-151
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**HANGER; DIRECTORY—SEE DIRECTORY****HANGER****HANGER; HANDSET—SEE HANDSET HANGER****HATCHETS***Description*

	081-745-102
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**HAVING UNUSUAL CONTACT CONDITIONS**

Contacts Replacement	069-310-804
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**HEAD TELEPHONE SETS***Description*

KS-20778	028-351-501
KS-21430 Headset	028-351-501

*Electrical Tests*

52-Type	028-360-501
53-Type	028-361-501

**HEAD TELEPHONE SETS (Cont)***Electrical Tests (Cont)*

60-Type	028-362-501
61-Type	028-363-501

*Maintenance*

KS-20778	028-351-501
KS-21430 Headset	028-351-501

*Minor Repairs*

52-Type	028-360-811
53-Type	028-361-811

*Piece-Part Data*

52-Type	028-360-811
53-Type	028-361-811
60-Type	028-362-801
61-Type	028-363-801

*Replacement Procedures*

52-Type	028-360-811
53-Type	028-361-811
60-Type	028-362-801
61-Type	028-363-801

*Use*

KS-20778	028-351-501
KS-21430 Headset	028-351-501

*Visual Inspection*

52-Type	028-360-501
53-Type	028-361-501
60-Type	028-362-501
61-Type	028-363-501

**HEADSET**

## KS-21430

*Description**Maintenance**Use*

KS-20778 Head Telephone Set	028-351-501
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**HEADSET (BONE CONDUCTION RECEIVERS)***Connections**Identification**Maintenance*

KS-14720L2	501-225-100
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**HEADSET INTERFACE TERMINATION***Application**Identification**Maintenance*

Used With Customer-Provided 4-Wire Head Telephone Set	463-323-100
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**HEAT COIL AND PROTECTOR SPRING****CONTACTS***Cleaning*

	069-315-801
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**HEATER; BASE—SEE BASE HEATER****HEAVY TRAFFIC MODULE***Connections*

701PK Private Branch Exchange	542-015-204
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**HIGH RISE APARTMENT BUILDINGS***Connecting Services*

Prewiring	461-310-401
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*Identification*

Prewiring	461-310-101
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*Installation*

Prewiring	461-310-201
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**HOLD UNIT***Method of Connecting*

Miscellaneous Equipment 2A Automatic Call Distributing System	476-215-210
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**HOLDERS; DRILL—SEE DRILL HOLDERS**

<b>HOLDERS; RECEIVER—SEE RECEIVER</b>			
<b>HOLDERS</b>			
<b>HOLSTERS</b>			
<i>Description</i>			
D	081-720-111		
F	081-720-111		
<b>HOME INTERPHONE—SEE INTERPHONE SYSTEM</b>			
<b>HOME WIRING; MOBILE—SEE MOBILE HOME WIRING</b>			
<b>HOPPER VANE REPLACEMENT</b>			
<i>General</i>			
Coin Telephone Stations	506-100-110		
<b>HORIZON</b>			
<i>General Description</i>			
2991A/B			
MET Sets Multibutton			
Electronic Telephone Sets	503-100-129		
2991C/D			
MET Sets Multibutton			
Electronic Telephone Sets	503-100-130		
2992A			
MET Sets Multibutton			
Electronic Telephone Sets	503-100-129		
2992C			
MET Sets Multibutton			
Electronic Telephone Sets	503-100-130		
2993A			
MET Sets Multibutton			
Electronic Telephone Sets	503-100-129		
2993C			
MET Sets Multibutton			
Electronic Telephone Sets	503-100-130		
2994C			
MET Sets Multibutton			
Electronic Telephone Sets	503-100-130		
<i>Maintenance Support</i>			
HORIZON Communication System	518-451-300		
<b>HOSPITAL INTERPHONE—SEE COMMUNICATION SYSTEM</b>			
<b>HOUSE BRACKET</b>			
<i>General</i>	080-720-134		
<b>HZM</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
Protective Connecting Arrangement	IB463-382-102		
<b>I; 5000AM TRANSACTION—SEE 5000AM TRANSACTION I</b>			
<b>IDENTIFICATION ANNOUNCEMENT AMPLIFIERS; TRUNK—SEE TRUNK IDENTIFICATION ANNOUNCEMENT AMPLIFIERS</b>			
<b>IDENTIFICATION CONTROL CIRCUIT J53131W; TRUNK—SEE TRUNK IDENTIFICATION CONTROL CIRCUIT J53131W</b>			
<b>IDENTIFICATION EQUIPMENT; AREA—SEE AREA IDENTIFICATION EQUIPMENT</b>			
<b>IMPACT TOOL</b>			
<i>Identification</i>			
<i>Termination</i>			
B	080-127-100		
<b>INCOMING CALL IDENTIFICATION AND TRUNK GROUP BUSY LAMP FEATURE</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
757A Private Branch Exchange	551-234-216		
<b>INCOMING DIAL PULSE REGISTER (SD-66739-01)</b>			
<i>Operation Tests</i>			
757A Private Branch Exchange	551-267-501		
<b>INCOMING REGISTER LINK CIRCUIT</b>			
<i>Operation Tests</i>			
757A Private Branch Exchange	551-266-501		
<b>INCOMING SELECTOR AND DIAL REPEATING TIE TRUNK</b>			
<i>Connections</i>			
701PK Private Branch Exchange	542-015-205		
<b>INCOMING TRUNK (SD-65812-01)</b>			
<i>Operation Tests</i>			
701B Private Branch Exchange	540-540-501		
<b>INCOMING TRUNK CIRCUIT</b>			
<i>Operation Tests Using Test Set (SD-65983-01, J5313AG)</i>			
2A Automatic Call Distributing System	476-237-501		
<b>INCOMING TRUNK CIRCUIT (SD-1E070-01); AUXILIARY—SEE AUXILIARY INCOMING TRUNK CIRCUIT (SD-1E070-01)</b>			
<b>INCOMING TRUNK CIRCUIT (SD-5E004-01)</b>			
<i>Operation Tests</i>			
Step-By-Step Private Branch Exchange	540-540-507		
<b>INCOMING TRUNK CIRCUIT (SD-65792-01)</b>			
<i>Operation Tests</i>			
700C Private Branch Exchange	540-540-506		
701A Private Branch Exchange	540-540-506		
701B Private Branch Exchange	540-540-506		
702A Private Branch Exchange	540-540-506		
<b>INCOMING TRUNK CIRCUIT (SD-66896-01); AUXILIARY—SEE AUXILIARY INCOMING TRUNK CIRCUIT (SD-66896-01)</b>			
<b>INCOMING TRUNK CIRCUIT (SD-67042-01)</b>			
<i>Operation Tests</i>			
758C Private Branch Exchange	551-537-500		
<b>INCOMING TRUNK UNITS; AUXILIARY—SEE AUXILIARY INCOMING TRUNK UNITS</b>			
<b>INCOMING TRUNKS (SD-65961-01 AND SD-65978-01)</b>			
<i>Operation Tests</i>			
3A Automatic Call Distributing System	476-323-501		
<b>INDICATOR; LAMP—SEE LAMP INDICATOR</b>			
<b>INDUCTIVE NOISE</b>	500-112-100		
<b>INDUCTOR, 1542A, AM</b>			
<i>For Telephone Sets</i>			
Radio Signal Suppression	SA500-150-100		
<b>INDUSTRIAL REPORTING SYSTEM</b>			
<i>Circuit Tests</i>			
520-Type Private Branch Exchange	473-219-500		
<i>General Description</i>			
520-Type Private Branch Exchange	981-225-101		
<i>Method of Operation</i>			
520-Type Private Branch Exchange	473-219-300		



<b>INFORMATION DESK; PBX—SEE PBX INFORMATION DESK</b>			
<b>INFORMATION TRANSMITTER (BIT); BILLING—SEE BILLING INFORMATION TRANSMITTER (BIT)</b>			
<b>INFORMATION TRANSMITTER (BIT); BILLING—SEE BILLING INFORMATION TRANSMITTER (BIT)</b>			
<b>INHIBITORS, CORROSION AND MOISTURE</b>			
<i>Description</i>			
<i>Use</i>			
For Station Apparatus	080-710-101		
<b>INSIDE WIRING CABLE CLAMP</b>			
<i>General</i>	080-720-146		
<b>INSIDE WIRING NAIL</b>			
<i>General</i>	080-720-106		
<b>INSULATED SCREW EYE</b>			
<i>General</i>	080-720-138		
<b>INSULATING BASE</b>			
<i>Identification</i>			
ED-91180-70	KA463-140-100		
<b>INSULATING GLOVES</b>			
<i>Inspection</i>	075-141-501		
<i>Reference</i>	SB460-300-103		
<i>Test</i>	075-141-501		
<b>INSULATOR</b>			
Coil Spring B	SB460-110-100		
Terminal Clip B, C, D	SB460-110-100		
<b>INSULATOR SUPPORT</b>			
<i>General</i>			
B	080-720-136		
C	080-720-136		
D	080-720-136		
<b>INTERCEPTING TRUNK CIRCUIT (SD-65846-01)</b>			
<i>Operation Tests</i>			
Step-By-Step Private Branch Exchange	540-540-503		
<b>INTERCEPTING TRUNKS</b>			
<i>Circuit Tests</i>			
Jack and Lamp			
700C (Manual Switchboard)			
Private Branch Exchange	541-004-668		
<b>INTERCEPTING, TONE, AND ANNOUNCEMENT TRUNKS</b>			
<i>Operation Tests</i>			
700C Private Branch Exchange	540-175-501		
701A Private Branch Exchange	540-175-501		
701B Private Branch Exchange	540-175-501		
701PK Private Branch Exchange	540-175-501		
702A Private Branch Exchange	540-175-501		
740E Private Branch Exchange	540-175-501		
<b>INTERCOM SERVICES</b>			
<i>Service</i>			
1A Key Telephone Systems	KB518-112-422		
<b>INTERCOMMUNICATING SYSTEM</b>			
School to Home KS-12057			
<i>Connections</i>	512-530-200		
<i>Identification</i>	512-530-100		
<i>Installation</i>	512-530-200		
<i>Maintenance</i>	512-530-200		
School to Home KS-19120			
<i>Connections</i>	512-531-200		
<i>Identification</i>	512-531-100		
<i>Installation</i>	512-531-200		
<i>Maintenance</i>	512-531-200		
<b>INTERCOMS; MANUAL—SEE MANUAL INTERCOMS</b>			
<b>INTERCONNECTING DEVICES</b>			
<i>Identification</i>			
<i>Maintenance</i>			
<i>Operation</i>			
Common Equipment			
142A Test Set		463-300-113	
<b>INTERCONNECTING UNIT</b>			
Interconnecting Control Unit			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
F-58010		463-300-110	
Interconnecting Devices			
<i>Connections</i>			
Common Equipment			
604A Panel		IA463-300-101	
604B Panel		IA463-300-102	
604C Panel		IA463-300-102	
606A Panel		IA463-300-103	
615A Panel		463-300-104	
<i>General Information</i>		IA463-300-100	
<i>Identification</i>			
Common Equipment			
604A Panel		IA463-300-101	
604B Panel		IA463-300-102	
604C Panel		IA463-300-102	
606A Panel		IA463-300-103	
615A Panel		463-300-104	
<i>Installation</i>			
Common Equipment			
604A Panel		IA463-300-101	
604B Panel		IA463-300-102	
604C Panel		IA463-300-102	
606A Panel		IA463-300-103	
615A Panel		463-300-104	
<i>Selection</i>		IA463-300-100	
Interconnecting Key Telephone Unit			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
F-58006		463-300-140	
F-58007		463-300-150	
Interconnecting Unit			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
Operation			
119A		1B463-361-100	
Voice Coupler			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
F-58008		463-300-130	
<b>INTERFACE CIRCUIT (SD-66886-01 OR SD-1E054-01)</b>			
<i>Operation Tests</i>			
Step-By-Step Private Branch Exchange		540-702-501	

**INTERFACE TERMINATION**

*Application*  
*Identification*  
*Installation*  
*Maintenance*

JTA (Used With Conforming  
 Answering Devices Incorporating  
 APCM) 463-322-101

JTC (Used With Attested CP  
 Nonpowered Conferencing  
 Devices) IA463-322-100

**INTERFACE TERMINATION; HEADSET—SEE  
 HEADSET INTERFACE TERMINATION****INTERFACE TRUNK CIRCUIT**

*Connections*  
*Identification*  
*Installation*  
*Maintenance*  
*Operation*

DCW IA463-332-120

**INTERFACE TRUNK CIRCUIT (SD-66926-01)**

*General Description*

For PBX Systems, No. 5  
 Crossbar, and No. 1 and No. 101  
 Electronic Switching System 981-261-100

*Operation Tests*

Common Group TOUCH-TONE®  
 Calling Equipment with Crossbar  
 Link Access Private Branch  
 Exchange 540-702-502

**INTERFACE TRUNK CIRCUIT J58824CD  
 (SD-66926-01)**

*Connections*  
*Identification*  
*Installation*

800A Private Branch Exchange 553-105-213

**INTERFACE; REGISTRATION—SEE****REGISTRATION INTERFACE****INTERFERENCE; ELECTROMAGNETIC—SEE  
 ELECTROMAGNETIC INTERFERENCE****INTERPHONE SYSTEM**

1A Home

*Connections*

1511-Type  
 Telephone Set 512-510-421

1558D  
 Telephone Set 512-510-423

1712B  
 Telephone Set 512-510-426

1751-Type  
 Telephone Set 512-510-428

1752-Type  
 Telephone Set 512-510-430

2511F/H  
 Telephone Set 512-510-441

2558D  
 Telephone Set 512-510-443

2712B  
 Telephone Set 512-510-446

2751-Type  
 Telephone Set 512-510-448

2752-Type  
 Telephone Set 512-510-450

2754-Type  
 Telephone Set 512-510-452

**INTERPHONE SYSTEM (Cont)**

1A Home (Cont)

*Connections (Cont)*

511-Type  
 Telephone Set 512-510-401

558-Type  
 Telephone Set 512-510-403

711B  
 Telephone Set 512-510-405

712B  
 Telephone Set 512-510-406

751-Type  
 Telephone Set 512-510-408

752-Type  
 Telephone Set 512-510-410

754-Type  
 Telephone Set 512-510-412

*Identification*  
 512-510-100

*Installation*  
 512-510-200

*Maintenance*  
 512-510-200

1511-Type  
 Telephone Set 512-510-421

1558D  
 Telephone Set 512-510-423

1712B  
 Telephone Set 512-510-426

1751-Type  
 Telephone Set 512-510-428

1752-Type  
 Telephone Set 512-510-430

2511F/H  
 Telephone Set 512-510-441

2558D  
 Telephone Set 512-510-443

2712B  
 Telephone Set 512-510-446

2751-Type  
 Telephone Set 512-510-448

2752-Type  
 Telephone Set 512-510-450

2754-Type  
 Telephone Set 512-510-452

511-Type  
 Telephone Set 512-510-401

558-Type  
 Telephone Set 512-510-403

711B  
 Telephone Set 512-510-405

712B  
 Telephone Set 512-510-406

751-Type  
 Telephone Set 512-510-408

752-Type  
 Telephone Set 512-510-410

754-Type  
 Telephone Set 512-510-412

*Operation*  
 512-510-100

2A Farm

*Connections*

1511D  
 Telephone Set 512-515-412

1511F/H  
 Telephone Set 512-515-412

1558D  
 Telephone Set 512-515-414

**INTERPHONE SYSTEM (Cont)**

## 2A Farm (Cont)

*Connections (Cont)*

1712B	Telephone Set	512-515-418
2511F	Telephone Set	512-515-422
2558D	Telephone Set	512-515-424
2712B	Telephone Set	512-515-428
511C/D	Telephone Set	512-515-402
511F/H	Telephone Set	512-515-402
558C/D	Telephone Set	512-515-404
558F	Telephone Set	512-515-404
711B	Telephone Set	512-515-407
712B	Telephone Set	512-515-408

*Identification*

E1D Ringer	512-515-100
KS-16846, L1 Loudspeaker	512-515-100
54A, B Control Unit	512-515-100
759B Loudspeaker	512-515-100
760A Loudspeaker	512-515-100

*Installation*

E1D Ringer	512-515-200
KS-16846, L1 Loudspeaker	512-515-200
54A, B Control Unit	512-515-200
759B Loudspeaker	512-515-200
760A Loudspeaker	512-515-200

*Maintenance*

E1D Ringer	512-515-200	
KS-16846, L1 Loudspeaker	512-515-200	
1511D	Telephone Set	512-515-412
1511F/H	Telephone Set	512-515-412
1558D	Telephone Set	512-515-414
1712B	Telephone Set	512-515-418
2511F	Telephone Set	512-515-422
2558D	Telephone Set	512-515-424
2712B	Telephone Set	512-515-428
511C/D	Telephone Set	512-515-402
511F/H	Telephone Set	512-515-402
54A, B Control Unit	512-515-200	
558C/D	Telephone Set	512-515-404
558F	Telephone Set	512-515-404
711B	Telephone Set	512-515-407
712B	Telephone Set	512-515-408
759B Loudspeaker	512-515-200	

**INTERPHONE SYSTEM (Cont)**

## 2A Farm (Cont)

*Maintenance (Cont)*

760A Loudspeaker	512-515-200
<i>Operation</i>	
E1D Ringer	512-515-100
KS-16846, L1 Loudspeaker	512-515-100
54A, B Control Unit	512-515-100
759B Loudspeaker	512-515-100
760A Loudspeaker	512-515-100

**INTERRUPTER**

## Key Telephone Unit

*Connections**Identification*

232-Type	518-310-403
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**INTERRUPTER CIRCUIT (SD-65923-01)***Operation Test*

758A/B Switching System	551-470-507
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*Operation Tests*

758A Private Branch Exchange	551-464-501
758B Private Branch Exchange	551-464-501

**INTERRUPTER, 1000-CYCLE-SUPPLY, AND DISTRIBUTING CIRCUIT (SD-67069-01)***Operation Tests*

758C Private Branch Exchange	551-528-500
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**INTERRUPTERS***Replacement Parts and Procedures*

KS-15634	163-220-801
KS-15757	163-220-801

*Requirements and Adjusting**Procedures*

KS-15634	163-220-701
KS-15757	163-220-701

**INVERTER***Identification**Maintenance*

KS-15662, DC-AC	
Telephone Answering Set	514-112-100

**INWARD DIALING TRUNK (SD-66740-01 AND SD-1E003-01); DIRECT—SEE DIRECT INWARD DIALING TRUNK (SD-66740-01 AND SD-1E003-01)****INWARD DIALING TRUNK (SD-66741-01****AND SD-1E004-01); DIRECT—SEE DIRECT****INWARD DIALING TRUNK (SD-66741-01****AND SD-1E004-01)****INWARD DIALING TRUNK (SD-5E046-01 OR****SD-5E047-01); DIRECT—SEE DIRECT****INWARD DIALING TRUNK (SD-5E046-01 OR****SD-5E047-01)****IRON; SOLDERING—SEE SOLDERING IRON****ISOLATOR; RINGER—SEE RINGER ISOLATOR****JACK**

## Television

SKL964-16U	461-630-115
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**JACK CONTACTS; KEY AND—SEE KEY AND****JACK CONTACTS****JACK UNIT (J59013L FOR MANUAL****CONFERENCE CIRCUIT)***Connections**Identification**Installation*

557A Private Branch Exchange	473-601-201
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**JACKS***Cleaning Flares*

	069-387-801
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<b>JACKS (Cont)</b>		<b>KEY EQUIPMENT (Cont)</b>	
<i>Identification</i>		<i>Installation (Cont)</i>	
<i>Service</i>		103A	
For Portable Telephone Sets	SB461-630-100	Secretarial Answering	
<b>JTA (USED WITH CONFORMING ANSWERING DEVICES INCORPORATING APCM)</b>		Service	512-336-100
<i>Application</i>		4A	SD512-314-100
<i>Identification</i>		5A	512-316-200
<i>Installation</i>		5B	512-316-200
<i>Maintenance</i>		<i>Maintenance</i>	
Interface Termination	463-322-101	100	512-330-300
<b>JTC (USED WITH ATTESTED CP NONPOWERED CONFERENCING DEVICES)</b>		101A	512-332-300
<i>Application</i>		101B	512-332-300
<i>Identification</i>		103A	
<i>Installation</i>		Secretarial Answering	
<i>Maintenance</i>		Service	512-336-100
Interface Termination	IA463-322-100	4A	SD512-314-100
<b>JUNCTOR CIRCUIT</b>		5A	512-316-200
<i>Operation Tests</i>		5B	512-316-200
756A Private Branch Exchange	551-173-501	<i>Operation</i>	
757A Private Branch Exchange	551-273-501	103A	
<b>KEY (718, 1434, 2152); COM—SEE COM KEY (718, 1434, 2152)</b>		Secretarial Answering	
<b>KEY AND JACK CONTACTS</b>		Service	512-336-100
<i>Method of Cleaning</i>	069-386-801	100	
<b>KEY EQUIPMENT</b>		<i>Connections</i>	
<i>Connections</i>		213B	
1A		Key Telephone Unit	518-310-400
Common Battery	512-310-400	<i>Description</i>	
Local Battery Talking-Common		213B	
Battery Signaling	512-310-401	Key Telephone Unit	518-310-400
100	512-330-400	101A	
101A	512-332-400	<i>Connections</i>	
101B	512-332-400	213B	
103A		Key Telephone Unit	518-310-400
Secretarial Answering		<i>Description</i>	
Service	512-336-100	213B	
2A	512-312-400	Key Telephone Unit	518-310-400
2B	512-312-400	101B	
4A		<i>Connections</i>	
Common Battery Signaling	SD512-314-400	213B	
Common Battery Talking	SD512-314-400	Key Telephone Unit	518-310-400
Local Battery	512-314-401	102A	
5A	512-316-400	<i>Connections</i>	
5B	512-316-400	213B	
<i>Description</i>		Key Telephone Unit	518-310-400
103A		<i>Description</i>	
Secretarial Answering		213B	
Service	512-336-100	Key Telephone Unit	518-310-400
<i>Description and Use</i>		112A	
102A	512-334-100	<i>Description of Equipment</i>	
111A	512-344-100	<i>Arrangements for Sage Systems</i>	
<i>Identification</i>		<i>Description of Operation for Sage System</i>	480-510-100
100	512-330-100	Alternate Termination Transfer	
101A	512-332-100	Circuit (SD-69492-01)	480-510-105
101B	512-332-100	Conference Circuit	
2A	512-312-100	(SD-69490-01)	480-510-105
2B	512-312-100	<b>KEY MOUNTING</b>	
4A	SD512-314-100	<i>Connections</i>	
5A	512-316-100	1400 Series 30 to 90 Line Size	512-240-400
5B	512-316-100	1400 Series 6 to 18 Line Size	512-240-401
<i>Installation</i>		2400 Series 30 to 90 Line Size	512-240-400
100	512-330-200	2400 Series 6 to 18 Line Size	512-240-401
101A	512-332-200	400 Series 30 to 120 Line Size	512-240-400
101B	512-332-200		

**KEY MOUNTING (Cont)***Connections (Cont)*

400 Series 6 to 18 Line Size 512-240-401

*Identification*

1400 Series 30 to 90 Line Size 512-240-100

1400 Series 6 to 18 Line Size 512-240-101

2400 Series 30 to 90 Line Size 512-240-100

2400 Series 6 to 18 Line Size 512-240-101

400 Series 30 to 120 Line Size 512-240-100

400 Series 6 to 18 Line Size 512-240-101

*Installation*

1400 Series 30 to 90 Line Size 512-240-200

1400 Series 6 to 18 Line Size 512-240-201

2400 Series 30 to 90 Line Size 512-240-200

2400 Series 6 to 18 Line Size 512-240-201

400 Series 30 to 120 Line Size 512-240-200

400 Series 6 to 18 Line Size 512-240-201

*Maintenance*

1400 Series 30 to 90 Line Size 512-240-200

1400 Series 6 to 18 Line Size 512-240-201

2400 Series 30 to 90 Line Size 512-240-200

2400 Series 6 to 18 Line Size 512-240-201

400 Series 30 to 120 Line Size 512-240-200

400 Series 6 to 18 Line Size 512-240-201

*Selection*

1400 Series 30 to 90 Line Size 512-240-100

1400 Series 6 to 18 Line Size 512-240-101

2400 Series 30 to 90 Line Size 512-240-100

2400 Series 6 to 18 Line Size 512-240-101

400 Series 30 to 120 Line Size 512-240-100

400 Series 6 to 18 Line Size 512-240-101

## Telephone Set Components

*Connections**Identification**Installation**Maintenance*

Customer-Owned Enclosures 501-420-101

**KEY MOUNTINGS (400-TYPE)***General*

Colored Buttons 463-210-110

**KEY SERVICE UNIT***Connections (One Line and 6-Station**Single Link Intercom)*650A  
1P2 Key Telephone Systems 518-800-409*Connections (2-Line)*650A  
1P2 Key Telephone Systems 518-800-405*Connections (10-Station Single Link Intercom)*650A  
1P2 Key Telephone Systems 518-800-413*Identification*650A  
1P2 Key Telephone Systems 518-800-115*Installation*650A  
1P2 Key Telephone Systems 518-800-115*Reference*

1A1 Key Telephone Systems KB518-114-120

*Service*1A1 Key Telephone Systems KB518-114-432  
501-Type

1A2 Key Telephone Systems 518-215-404

502-Type

1A2 Key Telephone Systems 518-215-404

**KEY SERVICE UNIT (Cont)***Service (Cont)*

513-Type

1A2 Key Telephone Systems KB518-215-405

514-Type

1A2 Key Telephone Systems KB518-215-405

515-Type

1A2 Key Telephone Systems KB518-215-405

550-Type

1A2 Key Telephone Systems KB518-215-407

551-Type

1A2 Key Telephone Systems KB518-215-407

## 580A

*Arrangement*

COM KEY KC518-450-103

Telephone Sets (832- or

2832-Type) KC518-450-103

**KEY SERVICE UNITS***General Information*

Power Unit Selection Key

Telephone Systems KB518-010-106

**KEY TELEPHONE SET***Basic Wiring Requirements*

Standard Features and Options KA502-110-100

*Connections*

1565GK(MD)

756A Private Branch

Exchange 551-129-211

2565GK

756A Private Branch

Exchange 551-129-211

565GBR

756A Private Branch

Exchange 551-129-210

565GK

756A Private Branch

Exchange 551-129-211

*Dial Restriction*

General 500-155-100

*General*

Colored Buttons 463-210-110

*Installation*

1565GK(MD)

756A Private Branch

Exchange 551-129-211

2565GK

756A Private Branch

Exchange 551-129-211

565GBR

756A Private Branch

Exchange 551-129-210

565GK

756A Private Branch

Exchange 551-129-211

**KEY TELEPHONE SET, 2626A1***Maintenance Tests*

307 Switching System 480-714-305

**KEY TELEPHONE SET, 6-BUTTON***Method of Operation*

Attendant Equipment

756A Private Branch

Exchange 551-160-310

**KEY TELEPHONE SET—SEE TELEPHONE SET****KEY TELEPHONE SYSTEM**

## 8A

## KEY TELEPHONE SYSTEM (Cont)

## 8A (Cont)

## Connections

911 Emergency Reporting/Answering Bureaus 473-310-110

## General Description

911 Emergency Reporting System 981-226-110

## Identification

911 Emergency Reporting/Answering Bureaus 473-310-101

## Installation

911 Emergency Reporting/Answering Bureaus 473-310-110

## Method of Operation

911 Emergency Reporting/Answering Bureaus 473-310-103

## Trouble Locating

911 Emergency Reporting/Answering Bureaus 473-310-102

## KEY TELEPHONE SYSTEMS

Centralized Key Telephone Installations

General Information KB518-010-101

Common Audible Signaling

General Description KB518-010-108

Grounding and Special Protection Requirements

General Information KB518-010-105

Key Telephone Systems

## Connections

DC Lamp Resistance Circuits 518-300-103

## Description

## 1A

COM KEY KB518-010-111  
Message Waiting Consoles KB518-010-111

## 1A1

COM KEY KB518-010-111  
Message Waiting Consoles KB518-010-111

## 1A1

Hands-Free Answering on Intercom KB518-010-115

## 1A2

COM KEY KB518-010-111  
Message Waiting Consoles KB518-010-111

## 1A2

Hands-Free Answering on Intercom KB518-010-115

## 6A

Hands-Free Answering on Intercom KB518-010-115

Power Unit Selection

## General Information

Key Service Units KB518-010-106

Reserve Power

47C Power Unit KB518-010-107

## 1A

## Connections

213B Key Telephone Unit 518-310-400

## Description

213B Key Telephone Unit 518-310-400

## Reference

(BOFADS) KB518-112-105

## Service

Intercom Services KB518-112-422

Tie-Line and Control Services KB518-112-421

## KEY TELEPHONE SYSTEMS (Cont)

## 1A (Cont)

## Service (Cont)

## 50-Type

Packaged Key Telephone Unit KB518-112-420

## 1A1

## Connections

Business Office Force Administrative Data System (BOFADS) 476-360-101

## 213B

Key Telephone Unit 518-310-400

## Description

Business Office Force Administrative Data System (BOFADS) 476-360-101

## 213B

Key Telephone Unit 518-310-400

## Identification

Business Office Force Administrative Data System (BOFADS) 476-360-101

## Installation

Business Office Force Administrative Data System (BOFADS) 476-360-101

## Reference

(Identification, Arrangements) KB518-114-105

(Installation, Maintenance) KB518-114-108

Key Service Unit KB518-114-120

Key Telephone Unit KB518-114-110

Packaged Key Telephone Unit KB518-114-115

TOUCH-TONE® Adapters KB518-114-116

## Service

Key Service Unit KB518-114-432

Key Telephone Unit KB518-114-425

200F, G, K Packaged Key Telephone Unit KB518-114-430

200H Packaged Units KB518-114-431

## Tests

Business Office Force Administrative Data System (BOFADS) 476-360-101

## 1A2

Arrangements KB518-215-100

## Connections

Business Office Force Administrative Data System (BOFADS) 476-360-101

## Description

Business Office Force Administrative Data System (BOFADS) 476-360-101

## General Description

981-203-100

## Identification

Business Office Force Administrative Data System (BOFADS) KB518-215-100

## Installation

Business Office Force Administrative Data System (BOFADS) 476-360-101

## Service

Auxiliary Line Service Key Telephone Units KB518-215-401

## KEY TELEPHONE SYSTEMS (Cont)

## 1A2 (Cont)

## Service (Cont)

Control Service	
Key Telephone Units	KB518-215-403
Intercom Service	
Key Telephone Units	KB518-215-402
Line Services	
Key Telephone Unit	KB518-215-400
Modular Panel, 626A	KB518-215-421
110A Apparatus Mounting	KB518-215-422
400-Series	
Key Telephone Unit	KB518-215-400
501-Type	
Key Service Unit	518-215-404
502-Type	
Key Service Unit	518-215-404
513-Type	
Key Service Unit	KB518-215-405
514-Type	
Key Service Unit	KB518-215-405
515-Type	
Key Service Unit	KB518-215-405
550-Type	
Key Service Unit	KB518-215-407
551-Type	
Key Service Unit	KB518-215-407
583-Type	
Panels	KB518-215-410
584-Type	
Panels	KB518-215-410
597-Type	
Panels	KB518-215-417
598-Type	
Panels	KB518-215-417
620A	
Panels	518-215-419
641A	
Panels	518-215-419
642A	
Panels	518-215-419
69B	
Apparatus Mounting	KB518-215-420
69D	
Apparatus Mounting	KB518-215-420
69G	
Apparatus Mounting	KB518-215-420

## Tests

Business Office Force	
Administrative Data System	
(BOFADS)	476-360-101

## 1P2

Connections (One Line and 6-Station	
Single Link Intercom)	
J53051A	
Equipment Bay	518-800-421
650A	
Key Service Unit	518-800-409
Connections (Single Group and	
Multigroup Line)	
J53051B	
Equipment Bay	518-800-429
Connections (2- or 3-Link	
Intercom)	
J53051C	
Equipment Bay	518-800-437

## KEY TELEPHONE SYSTEMS (Cont)

## 1P2 (Cont)

## Connections (2-Line)

J53051A	
Equipment Bay	518-800-417
650A	
Key Service Unit	518-800-405
Connections (10-Station Single	
Link Intercom)	
650A	
Key Service Unit	518-800-413
Connections (10-Station Single	
Link Intercom)	
J53051A	
Equipment Bay	518-800-425
General Description	
2C Video Telephone Station	518-800-100
Identification	
J53051A	
Equipment Bay	518-800-120
J53051B	
Equipment Bay	518-800-122
600 Series	
Key Telephone Unit	518-800-105
650A	
Key Service Unit	518-800-115
Identification (2- or 3-Link	
Intercom)	
J53051C	
Equipment Bay	518-800-128
Installation	
J53051A	
Equipment Bay	518-800-120
J53051B	
Equipment Bay	518-800-122
650A	
Key Service Unit	518-800-115
Installation (2- or 3-Link	
Intercom)	
J53051C	
Equipment Bay	518-800-128
Method of Operation (2- or 3-Link	
Intercom)	518-800-305
Trouble Locating (2- or 3-Link	
Intercom)	
J53051C	
Equipment Bay	518-800-507
Trouble Locating Procedures (Single	
and Multigroup Line)	
Equipment Bay	518-800-505
2A	
Connections	518-510-400
Identification	518-510-100
Installation	518-510-200
Maintenance	518-510-200
2B	
Connections	518-510-400
Identification	518-510-100
Installation	518-510-200
Maintenance	518-510-200
6A	
Connections	
Holding Arrangement for 6A	
Stations using 1A or 1A1 Line	
and Signaling Circuits	518-410-403
Selector Only	518-410-400

## KEY TELEPHONE SYSTEMS (Cont)

## 6A (Cont)

## Connections (Cont)

Single-Talking Link 518-410-401

Two-Talking Link 518-410-402

Identification 518-410-100

Installation 518-410-100

## Maintenance

Selector Only Arrangement 518-410-300

Single-Talking Line

Arrangement 518-410-301

Two-Talking Line Arrangement 518-410-302

## 6B

## Connections

DIALOG Intercom System 518-411-100

## Description

DIALOG Intercom System 518-411-100

## Installation

DIALOG Intercom System 518-411-100

## Maintenance

DIALOG Intercom System 518-411-100

## KEY TELEPHONE UNIT

## Connections

## 213B

1A Key Telephone Systems 518-310-400

1A1 Key Telephone Systems 518-310-400

100 Key Equipment 518-310-400

101A Key Equipment 518-310-400

101B Key Equipment 518-310-400

102A Key Equipment 518-310-400

## 227A

Audible and Visual

Signaling KB518-310-401

## 227B

Audible and Visual

Signaling KB518-310-401

## 232-Type

Interrupter 518-310-403

## 235-Type

Station Line Concentrator KB518-310-405

## 236-Type

Station Line Concentrator KB518-310-405

## 237-Type

Conferencing PBX Lines KB518-310-407

## Description

## 213B

1A Key Telephone Systems 518-310-400

1A1 Key Telephone Systems 518-310-400

100 Key Equipment 518-310-400

101A Key Equipment 518-310-400

101B Key Equipment 518-310-400

102A Key Equipment 518-310-400

## Identification

## 227A

Audible and Visual

Signaling KB518-310-401

## 227B

Audible and Visual

Signaling KB518-310-401

## 228A

518-310-105

## 232-Type

Interrupter 518-310-403

## 235-Type

Station Line Concentrator KB518-310-405

## 236-Type

Station Line Concentrator KB518-310-405

## KEY TELEPHONE UNIT (Cont)

## Identification (Cont)

## 237-Type

Conferencing PBX Lines KB518-310-407

259-Type 518-300-413

265A 518-310-105

271A 518-300-416

272A 518-300-417

600 Series

1P2 Key Telephone Systems 518-800-105

## Operation

## 237-Type

Conferencing PBX Lines KB518-310-407

## Reference

1A1 Key Telephone Systems KB518-114-110

## Service

Line Services

1A2 Key Telephone Systems KB518-215-400

1A1 Key Telephone Systems KB518-114-425

400-Series

1A2 Key Telephone Systems KB518-215-400

## 400-Type

## Connections

## 601-Type

Panels KB518-215-418

## 602-Type

Panels KB518-215-418

## 603-Type

Panels KB518-215-418

## KEY TELEPHONE UNIT; PACKAGED—SEE

## PACKAGED KEY TELEPHONE UNIT

## KEY TELEPHONE UNITS

## Service

Auxiliary Line Service

1A2 Key Telephone Systems KB518-215-401

Control Service

1A2 Key Telephone Systems KB518-215-403

Intercom Service

1A2 Key Telephone Systems KB518-215-402

## KEY 1434; COM—SEE COM KEY 1434

## KEY 2152; COM—SEE COM KEY 2152

## KEY 416 (USING 981/2981- AND

## 983/2983-TYPE TELEPHONE SETS); COM—SEE

## COM KEY 416 (USING 981/2981- AND

## 983/2983-TYPE TELEPHONE SETS)

## KEY 416; COM—SEE COM KEY 416

## KEY 718; COM—SEE COM KEY 718

## KEY; COM—SEE COM KEY

## KEYS

Flashing and Release

## Identification

621A 512-230-103

622A 512-230-103

## Pushbutton

## Connections

## Identification

## Installation

## Maintenance

549-Type 512-220-100

551-Type 512-220-100

## Separately Mounted

## Connections

KS-21254 Lever Type KA512-210-101

6017-Lever Type KA512-210-101

6021-Type 512-210-102

6022-Type 512-210-102



**KEYS (Cont)****Separately Mounted (Cont)****Connections (Cont)**

6023-Type	512-210-102
6026-Lever Type	KA512-210-101
6027-Type	512-210-102
6028-Type	512-210-102
6030A	

For Impaired Hearing 512-215-100

6040-Type	KA512-210-103
6041-Type	KA512-210-103
6050-Type	KA512-210-103
6051-Type	KA512-210-103

**Identification**

KS-21254 Lever Type	KA512-210-101
6017-Lever Type	KA512-210-101
6021-Type	512-210-102
6022-Type	512-210-102
6023-Type	512-210-102
6026-Lever Type	KA512-210-101
6027-Type	512-210-102
6028-Type	512-210-102
6030A	

For Impaired Hearing 512-215-100

6040-Type	KA512-210-103
6041-Type	KA512-210-103
6050-Type	KA512-210-103
6051-Type	KA512-210-103

**Installation**

KS-21254 Lever Type	KA512-210-101
6017-Lever Type	KA512-210-101
6021-Type	512-210-102
6022-Type	512-210-102
6023-Type	512-210-102
6026-Lever Type	KA512-210-101
6027-Type	512-210-102
6028-Type	512-210-102
6030A	

For Impaired Hearing 512-215-100

6040-Type	KA512-210-103
6041-Type	KA512-210-103
6050-Type	KA512-210-103
6051-Type	KA512-210-103

**Service**

6040D	502-541-419
6040K	502-541-419
6041D	502-541-419
6041K	502-541-419

**Switching and Pushbutton****Identification**

Modular Type	
KS-Type Connector Equipped	512-230-100
Terminal Plug Receptacle Equipped	512-230-101
598-Type	
KS-Type Connector Equipped	512-230-100
599-Type	
KS-Type Connector Equipped	512-230-100
617A	
KS-Type Connector Equipped	512-230-100
635-Type	
Terminal Plug Receptacle Equipped	512-230-101
647-Type	
Terminal Plug Receptacle Equipped	512-230-101

**KEYS (Cont)****Switching and Pushbutton (Cont)****Identification (Cont)**

656-Type		
KS-Type Connector Equipped		512-230-100
657-Type		
KS-Type Connector Equipped		512-230-100
658-Type		
Terminal Plug Receptacle Equipped		512-230-101

**Installation**

Modular Type		
KS-Type Connector Equipped		512-230-100
Terminal Plug Receptacle Equipped		512-230-101
598-Type		
KS-Type Connector Equipped		512-230-100
599-Type		
KS-Type Connector Equipped		512-230-100

617A		
KS-Type Connector Equipped		512-230-100

635-Type		
Terminal Plug Receptacle Equipped		512-230-101

647-Type		
Terminal Plug Receptacle Equipped		512-230-101

656-Type		
KS-Type Connector Equipped		512-230-100

657-Type		
KS-Type Connector Equipped		512-230-100

658-Type		
Terminal Plug Receptacle Equipped		512-230-101

**Maintenance**

Modular Type		
KS-Type Connector Equipped		512-230-100
Terminal Plug Receptacle Equipped		512-230-101

598-Type		
KS-Type Connector Equipped		512-230-100

599-Type		
KS-Type Connector Equipped		512-230-100

617A		
KS-Type Connector Equipped		512-230-100

635-Type		
Terminal Plug Receptacle Equipped		512-230-101

647-Type		
Terminal Plug Receptacle Equipped		512-230-101

656-Type		
KS-Type Connector Equipped		512-230-100

657-Type		
KS-Type Connector Equipped		512-230-100

658-Type		
Terminal Plug Receptacle Equipped		512-230-101

Telephone Set Components		
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**Connections**

Customer-Owned Enclosures		501-420-101
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**Identification**

Customer-Owned Enclosures		501-420-101
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**Installation**

Customer-Owned Enclosures		501-420-101
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## KEYS (Cont)

Telephone Set Components (Cont)	
Maintenance	
Customer-Owned Enclosures	501-420-101
<b>KIT OF PARTS</b>	
D-180489	
Identification	
Noisy Conditions	501-376-100
<b>KIT PLAN</b>	
Connections	
Identification	
Installation	
Maintenance	
Telephone Set Bases	503-100-110
<b>KITS FOR STATION SETS;</b>	
<b>MODIFICATION—SEE MODIFICATION KITS FOR</b>	
<b>STATION SETS</b>	
<b>KNOB</b>	
General	
C	080-720-143
S	080-720-132
T	080-720-132
<b>KS-16301L15, L16, L17</b>	
Identification	
Relay Auxiliary Signals	SA463-110-100
<b>KS-16301L2, L5, L6</b>	
Identification	
Horns Auxiliary Signals	SA463-110-100
<b>KS-16301L3, L4, L8</b>	
Identification	
Auxiliary Signals	SA463-110-100
<b>KS-16301L9, L11, L19</b>	
Identification	
Back Box Auxiliary Signals	SA463-110-100
<b>KS-20614</b>	
Identification	
Relay Auxiliary Signals	SA463-110-100
<b>KS-8547L1, L2, L3, L4</b>	
Identification	
Auxiliary Signals	SA463-110-100
<b>KTX</b>	
Connections	
Identification	
Installation	
Maintenance	
Operation	
Connecting Arrangement	463-382-104
<b>LADDER</b>	
Combination	
B	081-741-100
C	081-741-100
<b>LADDER PLATFORM</b>	
Description	
Use	
C	081-740-106
<b>LADDER SUPPORT</b>	
Description	
B	081-740-105
C	081-740-105
E	081-740-106
Use	
E	081-740-106
<b>LADDER TREAD</b>	
Description	
Use	
B	081-740-106

## LADDER; EXTENSION—SEE EXTENSION

<b>LADDER</b>	
<b>LADDER; FOOT—SEE FOOT LADDER</b>	
<b>LADDERS</b>	
Reference	SB460-300-108
<b>LAMP EXTRACTOR</b>	
Description	
Use	
KS-21144L1	075-126-301
<b>LAMP INDICATOR</b>	
Identification	
14-Type	KA463-210-100
15-Type	KA463-210-100
16-Type	KA463-210-100
17-Type	KA463-210-100
18-Type	KA463-210-100
20-Type	KA463-210-100
21-Type	KA463-210-100
<b>LAMP SIGNAL SUPPLY CIRCUIT</b>	
(SD-67076-01); FLUTTER-FLASH—SEE	
FLUTTER-FLASH LAMP SIGNAL SUPPLY	
CIRCUIT (SD-67076-01)	
<b>LAMP SOCKET</b>	
Description	
69-Type	463-211-100
Identification	
59A	
Modular Unit	512-230-100
76A	
Modular Unit	512-230-101
Installation	
59A	
Modular Unit	512-230-100
76A	
Modular Unit	512-230-101
Maintenance	
59A	
Modular Unit	512-230-100
76A	
Modular Unit	512-230-101
<b>LEAD SLEEVE SLITTER; B—SEE B LEAD</b>	
<b>SLEEVE SLITTER</b>	
<b>LEATHER BODY BELT</b>	
Description	SB081-720-101
Use	SB081-720-101
<b>LETTERING AND NUMBERING</b>	
General Requirements and Methods	069-399-201
<b>LEVEL DETECTOR; COIN—SEE COIN LEVEL</b>	
<b>DETECTOR</b>	
<b>LIGHT AND BLOWER UNIT</b>	
Identification	
Installation	
Maintenance	
KS-19207	CB508-820-100
<b>LIGHT CONTROLS</b>	
Identification	
Installation	
Maintenance	
KS-19261	CB508-825-100
<b>LIGHT FIXTURE</b>	
Booth and Directory	
2-Type	508-815-100
4-Type	508-815-100
<b>LINE AUXILIARY CIRCUIT (POWERED FROM</b>	
<b>CO); PRIVATE—SEE PRIVATE LINE</b>	
<b>AUXILIARY CIRCUIT (POWERED FROM CO)</b>	

<b>LINE CIRCUIT (E AND M LEAD SIGNALING SD-66797-01); DIAL—SEE DIAL LINE CIRCUIT (E AND M LEAD SIGNALING SD-66797-01)</b>		
<b>LINE CIRCUIT (SD-65799-01); AUXILIARY—SEE AUXILIARY LINE CIRCUIT (SD-65799-01)</b>		
<b>LINE CIRCUIT (SD-65977-01); ATTENDANT—SEE ATTENDANT LINE CIRCUIT (SD-65977-01)</b>		
<b>LINE CIRCUIT (SD-99545-01); LONG—SEE LONG LINE CIRCUIT (SD-99545-01)</b>		
<b>LINE CIRCUIT 4-WIRE (SD-67053-01); STATION—SEE STATION LINE CIRCUIT 4-WIRE (SD-67053-01)</b>		
<b>LINE CIRCUIT 4-WIRE (SD-67067-01, SD-67067-02, SD-67087-01, SD-67095-01); STATION—SEE STATION LINE CIRCUIT 4-WIRE (SD-67067-01, SD-67067-02, SD-67087-01, SD-67095-01)</b>		
<b>LINE CIRCUITS (CENTRAL OFFICE EQUIPMENT); LONG—SEE LONG LINE CIRCUITS (CENTRAL OFFICE EQUIPMENT)</b>		
<b>LINE CIRCUITS; STATION—SEE STATION LINE CIRCUITS</b>		
<b>LINE CONCENTRATOR</b>		
1A Line Concentrator		
<i>Operating Methods</i>		
KS-15917, L3 Battery Supply	167-285-301	
<b>LINE CONCENTRATOR (CENTRAL OFFICE EQUIPMENT)</b>		
<i>Operation Tests</i>		
520-Type PBX Emergency Reporting System	067-302-503	
<i>Operation Tests Using Central Office Test Circuit SD-98067-01</i>		
520-Type PBX Emergency Reporting System	067-301-501	
<i>Recording, Analysis, and Handling Trouble Indicator Reports</i>		
520-Type PBX Emergency Reporting System	067-302-301	
<b>LINE CONCENTRATOR (CENTRAL OFFICE EQUIPMENT)</b>		
<i>Tests Using Test Circuit SD-98067-01</i>		
520-Type PBX Emergency Reporting System	067-302-501	
<b>LINE CONCENTRATOR (CENTRAL OFFICE EQUIPMENT)</b>		
<i>Tests Using Test Circuit SD-98067-01</i>		
520-Type PBX Emergency Reporting System	067-302-502	
<b>LINE CONCENTRATOR; STATION—SEE STATION LINE CIRCUIT</b>		
<b>LINE CONCENTRATOR IDENTIFIER</b>		
Telephone Answering System		
<i>General Descriptive Information</i>		
Electro-Mechanical Central Offices	951-830-100	
Electronic Switching Systems No. 1	951-830-100	
<b>LINE FINDERS</b>		
<i>Operation Tests</i>		
702A Private Branch Exchange	543-020-590	
<i>Operation Tests Using Test Set (SD-90416-01, J94704A)</i>		
701A Private Branch Exchange	540-115-501	
701B Private Branch Exchange	540-115-501	
701PK Private Branch Exchange	540-115-501	
702A Private Branch Exchange	540-115-501	
711A Private Branch Exchange	540-115-501	
711B Private Branch Exchange	540-115-501	
740A Private Branch Exchange	540-115-501	
740AX Private Branch Exchange	540-115-501	
740B Private Branch Exchange	540-115-501	
740C Private Branch Exchange	540-115-501	
<b>LINE FINDERS AND 3-WIRE TRUNK FINDERS</b>		
<i>Group and Chain Circuit Test and Make-Busy from Circuit Beyond</i>		
701A Private Branch Exchange	540-117-503	
701B Private Branch Exchange	540-117-503	
701PK Private Branch Exchange	540-117-503	
711A Private Branch Exchange	540-117-503	
711B Private Branch Exchange	540-117-503	
711PK Private Branch Exchange	540-117-503	
740A Private Branch Exchange	540-117-503	
740AX Private Branch Exchange	540-117-503	
740B Private Branch Exchange	540-117-503	
740C Private Branch Exchange	540-117-503	
740E Private Branch Exchange	540-117-503	
<i>Operation Tests Using Test Set (SD-66073-01, J54701B)</i>		
701A Private Branch Exchange	540-117-501	
701B Private Branch Exchange	540-117-501	
701PK Private Branch Exchange	540-117-501	
711A Private Branch Exchange	540-117-501	
711B Private Branch Exchange	540-117-501	
711PK Private Branch Exchange	540-117-501	
740A Private Branch Exchange	540-117-501	
740AX Private Branch Exchange	540-117-501	
740B Private Branch Exchange	540-117-501	
740C Private Branch Exchange	540-117-501	
740E Private Branch Exchange	540-117-501	
<b>LINE OR TRUNK ACCESS CIRCUIT (SD-1E045-01)</b>		
<i>Operation Tests</i>		
Common Group TOUCH-TONE® Calling Equipment with Crossbar Link Access Private Branch Exchange	540-702-502	
<b>LINE PICKUP CIRCUIT (SD-65916-01)</b>		
<i>Operation Tests</i>		
758A Private Branch Exchange	551-414-500	
758C Private Branch Exchange	551-534-500	
<b>LINE STATUS INDICATOR</b>		
<i>Identification</i>		
<i>Installation</i>		
<i>Maintenance</i>		
24A-Type	463-210-101	
<b>LINE SWITCHES</b>		
Telephone Set Components		
<i>Connections</i>		
<i>Identification</i>		
<i>Installation</i>		
<i>Maintenance</i>		
Customer-Owned Enclosures	501-420-101	

## SECTION 460-000-006

## LINE SWITCHES AND MASTER SWITCHES

*Operation Tests*

700C (Dial Equipment) Private Branch Exchange 541-003-591  
 710C (Dial Equipment) Private Branch Exchange 541-003-591

## LINE TELEPHONE SERVICE; PRIVATE—SEE PRIVATE LINE TELEPHONE SERVICE

## LINE TELEPHONE; DESIGN—SEE DESIGN LINE TELEPHONE

## LINE TERMINATING CIRCUIT; PRIVATE—SEE PRIVATE LINE TERMINATING CIRCUIT

## LINE TERMINATION; PRIVATE—SEE PRIVATE LINE TERMINATION

## LINE UNIT (J59023G); SECRETARIAL—SEE SECRETARIAL LINE UNIT (J59023G)

## LINE VERIFICATION; SUBSCRIBER—SEE SUBSCRIBER LINE VERIFICATION

## LINE WIRE; MULTIPLE—SEE MULTIPLE LINE WIRE

## LINE, LINK, AND MARKER CIRCUIT

*Circuit Tests*

756A Private Branch Exchange 551-170-501

## LINE, LINK, AND MARKER CIRCUIT (SD-66733-01)

*Operation Tests*

757A Private Branch Exchange 551-270-501

## LINES (AUTOVON); ACCESS—SEE ACCESS LINES (AUTOVON)

## LINK ALLOTTER CIRCUITS; LINK AND—SEE LINK AND LINK ALLOTTER CIRCUITS

## LINK AND CONNECTOR CIRCUIT

*Operation Test*

758C Switching System 551-567-500

## LINK AND CONNECTOR CIRCUIT (SD-67041-01)

*Operation Tests*

758C Private Branch Exchange 551-522-500

## LINK AND CONNECTOR CIRCUIT (SD-67109-01)

*Operation Tests*

758C Private Branch Exchange 551-522-500

## LINK AND CONTROLLER CIRCUIT

(SD-5E053-01); CROSSBAR—SEE CROSSBAR

LINK AND CONTROLLER CIRCUIT

(SD-5E053-01)

## LINK AND LINK ALLOTTER CIRCUITS

*Operation Tests*

755A Private Branch Exchange 550-550-590

## LINK AND SELECT MAGNET CONNECTOR CIRCUIT (SD-65913-01)

*Operation Tests*

758A Private Branch Exchange 551-456-501

758B Private Branch Exchange 551-456-501

## LINK CIRCUITS

*Operation Tests*

750A Private Branch Exchange 548-500-590

## LINK, AND MARKER CIRCUIT (SD-66733-01); LINE,—SEE LINE, LINK, AND MARKER CIRCUIT (SD-66733-01)

## LINK, AND MARKER CIRCUIT; LINE,—SEE LINE, LINK, AND MARKER CIRCUIT

## LINK, CONTROLLER, AND GATE CIRCUIT

*Operation Tests Using Test Set (SD-65983-01, J53131AG)*

2A Automatic Call Distributing System 476-229-501

## LINK, LOOP, AND CONTROLLER CIRCUIT (SD-66737-01); ATTENDANT—SEE ATTENDANT LINK, LOOP, AND CONTROLLER CIRCUIT (SD-66737-01)

## LOAD DETECTION CIRCUIT

*Description*

758C Switching System 551-560-100

*Maintenance Procedures*

758C Switching System 551-560-300

*Method of Operation*

758C Switching System 551-560-100

## LOH (MUSIC ON HOLD, CORD TYPE PBX SWITCHBOARD)

*Connections**Identification**Installation**Maintenance**Operation*

Voice Connecting Arrangement IA463-331-105

## LONG LINE CIRCUIT (SD-99545-01)

*Operation Tests*

520-Type PBX Emergency Reporting System 473-218-661

## LONG LINE CIRCUITS (CENTRAL OFFICE EQUIPMENT)

*Tests*

520-Type PBX Emergency Reporting System 067-303-501

## LOOP CARRIER SYSTEM; SUBSCRIBER—SEE SUBSCRIBER LOOP CARRIER SYSTEM

## LOOP CIRCUIT (SD-65813-01) AND POSITION CIRCUIT (SD-65814-01); ATTENDANT—SEE ATTENDANT LOOP CIRCUIT (SD-65813-01) AND POSITION CIRCUIT (SD-65814-01)

## LOOP CIRCUIT (SD-65830-01); ATTENDANT—SEE ATTENDANT LOOP CIRCUIT (SD-65830-01)

## LOOP; WIRE—SEE WIRE LOOP

## LOUDSPEAKER

*Identification*

KS-16846, L1 512-515-100

759A

1A Home Interphone System 512-510-100

759B

512-515-100

760A

512-515-100

761A

1A Home Interphone System 512-510-100

762A

1A Home Interphone System 512-510-100

*Installation*

KS-16846, L1 512-515-200

759A

1A Home Interphone System 512-510-200

759B

512-515-200

760A

512-515-200

761A

1A Home Interphone System 512-510-200

762

1A Home Interphone System 512-510-200

**LOUDSPEAKER (Cont)**

<i>Maintenance</i>	
KS-16846, L1	512-515-200
759A	
1A Home Interphone System	512-510-200
759B	512-515-200
760A	512-515-200
761A	
1A Home Interphone System	512-510-200
762	
1A Home Interphone System	512-510-200
<i>Operation</i>	
KS-16846, L1	512-515-100
759A	
1A Home Interphone System	512-510-100
759B	512-515-100
760A	512-515-100
761A	
1A Home Interphone System	512-510-100
762A	
1A Home Interphone System	512-510-100
<i>Telephone Set Components</i>	
<i>Connections</i>	
Customer-Owned Enclosures	501-420-102
<i>Identification</i>	
Customer-Owned Enclosures	501-420-102
<i>Installation</i>	
Customer-Owned Enclosures	501-420-102
<i>Maintenance</i>	
Customer-Owned Enclosures	501-420-102
760A	
<i>Connections</i>	
3-Type Speakerphone System	SD512-620-100
<i>Identification</i>	
3-Type Speakerphone System	SD512-620-100
<i>Installation</i>	
3-Type Speakerphone System	SD512-620-100
<i>Maintenance</i>	
3-Type Speakerphone System	SD512-620-100
762A	
<i>Connections</i>	
3-Type Speakerphone System	SD512-620-100
<i>Identification</i>	
3-Type Speakerphone System	SD512-620-100
<i>Installation</i>	
3-Type Speakerphone System	SD512-620-100
<i>Maintenance</i>	
3-Type Speakerphone System	SD512-620-100
<b>LOUDSPEAKER PAGING SYSTEM</b>	
<i>General Description</i>	
	981-251-100
<b>LOUDSPEAKER PAGING TRUNK</b>	
<i>Operation Tests</i>	
756A Private Branch Exchange	551-191-501
757A Private Branch Exchange	551-276-501
<b>LOUDSPEAKER PAGING TRUNK</b>	
<b>(SD-65747-01)</b>	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	
800A Private Branch Exchange	553-105-214
<b>LOUDSPEAKER PAGING TRUNK</b>	
<b>(SD-66762-01)</b>	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	
757A Private Branch Exchange	551-234-214

**LOUDSPEAKER PAGING TRUNK**

<b>(SD-66883-01)</b>	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	
608-Type Private Branch Exchange	534-565-100
701-Type Private Branch Exchange	534-565-100
711-Type Private Branch Exchange	534-565-100
740-Type Private Branch Exchange	534-565-100
<b>LOUDSPEAKER PAGING TRUNK CIRCUIT</b>	
<b>(SD-65747-01)</b>	
<i>Operation Tests</i>	
801A Private Branch Exchange	553-201-501
812A Private Branch Exchange	553-212-501
<b>LOUDSPEAKER SET</b>	
<i>Connections</i>	
106-Type	463-220-100
<i>Identification</i>	
106-Type	463-220-100
107-Type (SPOKESMAN® Set)	463-221-100
<i>Installation</i>	
106-Type	463-220-100
<i>Maintenance</i>	
106-Type	463-220-100
<b>LVH (MUSIC ON HOLD, KEY TELEPHONE SYSTEMS)</b>	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
<i>Operation</i>	
Voice Connecting Arrangement	IA463-311-105
L17; KS-16301L15, L16,—SEE	
KS-16301L15, L16, L17	
L19; KS-16301L9, L11,—SEE KS-16301L9,	
L11, L19	
L3, L4; KS-8547L1, L2,—SEE KS-8547L1,	
L2, L3, L4	
L6; KS-16301L2, L5,—SEE KS-16301L2,	
L5, L6	
L8; KS-16301L3, L4,—SEE KS-16301L3,	
L4, L8	
<b>MACHINE BOLT; ANCHORS—SEE ANCHORS</b>	
<b>MACHINE BOLT</b>	
<b>MACHINES; RINGING—SEE RINGING</b>	
<b>MACHINES</b>	
<b>MAIN OPERATING BASE TURRET; SAC—SEE</b>	
<b>SAC MAIN OPERATING BASE TURRET</b>	
<b>MANHOLE ATMOSPHERE; TESTING—SEE</b>	
<b>TESTING MANHOLE ATMOSPHERE</b>	
<b>MANHOLE COVERS</b>	
<i>Removing and Replacing</i>	620-150-010
<b>MANUAL AND DIAL SELECTED TIE TRUNK</b>	
<b>CIRCUIT (SD-65823-01); TWO-WAY—SEE</b>	
<b>TWO-WAY MANUAL AND DIAL SELECTED TIE</b>	
<b>TRUNK CIRCUIT (SD-65823-01)</b>	
<b>MANUAL EXTENSION LINES</b>	
<i>Circuit Tests</i>	
Relay Jack and Lamp	
700C (Manual Switchboard)	
Private Branch Exchange	541-004-659

## MANUAL INTERCOMS

Identification

Installation

Maintenance

Voice Station Signaling

KB518-010-109

## MANUAL LINE CIRCUIT (SD-67114-01);

DIAL OR—SEE DIAL OR MANUAL LINE

CIRCUIT (SD-67114-01)

## MARKER CIRCUIT (SD-65912-01)

Circuit Test

758A/B Switching System

551-470-502

Circuit Tests

758A Private Branch Exchange

551-454-501

758B Private Branch Exchange

551-454-501

## MARKER CIRCUIT (SD-67043-01)

Operation Tests

758C Private Branch Exchange

551-524-500

## MARKER TEST CIRCUIT (SD-67118-01);

DECODER—SEE DECODER MARKER TEST

CIRCUIT (SD-67118-01)

## MARKER WARNING

Form E-5190

SB460-110-100

## MARKER; ALARM—SEE ALARM MARKER

## MASONRY FASTENERS

General

B

080-720-110

C

080-720-110

D

080-720-110

## MATERIALS

General

Coin Telephone Stations

CA506-100-103

## MATRIX BLOCK

Connections

2A1

518-010-110

Identification

1A1

KA461-620-100

2A1

518-010-110

Installation

1A1

KA461-620-100

2A1

518-010-110

Maintenance

1A1

KA461-620-100

2A1

518-010-110

Wiring

1A1

KA461-620-100

## MEASUREMENT SYSTEM NO. 1A; TRAFFIC—SEE

TRAFFIC MEASUREMENT SYSTEM NO. 1A

## MECHANICAL PROTECTION

Reference

Wire and Cable General

Precautions

SB460-300-149

## MESSAGE DETAIL RECORDING; STATION—SEE

STATION MESSAGE DETAIL RECORDING

## MESSAGE REGISTER CIRCUIT

(SD-65852-01)

Operation Tests

757A Private Branch Exchange

551-252-501

## MESSAGE REGISTER PULSE AND SURCHARGE

CIRCUIT (SD-5E021-01); STATION—SEE

STATION MESSAGE REGISTER PULSE AND

SURCHARGE CIRCUIT (SD-5E021-01)

## MESSAGE REGISTER PULSE CIRCUIT

(SD-66915-01); STATION—SEE STATION

MESSAGE REGISTER PULSE CIRCUIT

(SD-66915-01)

## MESSAGE REGISTER SURCHARGE CIRCUIT

(SD-66922-01); STATION—SEE STATION

MESSAGE REGISTER SURCHARGE CIRCUIT

(SD-66922-01)

## MESSAGE WAITING CONSOLES

Key Telephone Systems

Description

1A

KB518-010-111

1A1

KB518-010-111

1A2

KB518-010-111

## MESSAGE WAITING SERVICE

Circuit Tests

473-180-520

Connections

473-180-210

756A Private Branch Exchange

551-110-210

757A Private Branch Exchange

551-234-213

## MISCELLANEOUS FEATURE EQUIPMENT;

NONPLUG-IN—SEE NONPLUG-IN

MISCELLANEOUS FEATURE EQUIPMENT

## MOBILE HOME WIRING

Permanent Type

SB461-220-100

## MODIFICATION KITS FOR STATION SETS

Modification Kits for Stations Sets

Selection

501-185-100

## MODULAR PANEL, 626A

Service

1A2 Key Telephone Systems

KB518-215-421

## MODULAR STATION UNIT

700- or 701-Type

Method of Operation

Attendant Equipment

756A Private Branch

Exchange

551-160-301

## MOUNTED KEYS; SEPARATELY—SEE

SEPARATELY MOUNTED KEYS

## MOUNTING BRACKET

Identification

Installation

KS-20502L2 (Multiple Use)

461-630-110

## MOUNTING; APPARATUS—SEE APPARATUS

MOUNTING

## MOUNTING; DIAL—SEE DIAL MOUNTING

## MOUNTING; KEY—SEE KEY MOUNTING

## MOUNTING; 110A APPARATUS—SEE 110A

APPARATUS MOUNTING

## MOUNTING; 69H APPARATUS—SEE 69H

APPARATUS MOUNTING

## MOUNTING; 69H APPARATUS—SEE 69H

APPARATUS MOUNTING

## MOUNTING; 69H APPARATUS—SEE 69H

APPARATUS MOUNTING

## MOUNTING; 69H APPARATUS—SEE 69H

APPARATUS MOUNTING

## MOUNTING; 69H APPARATUS—SEE 69H

APPARATUS MOUNTING

## MOUNTINGS (400-TYPE); KEY—SEE KEY

MOUNTINGS (400-TYPE)

## MOUNTINGS; APPARATUS—SEE APPARATUS

MOUNTINGS

## MULTIBUTTON ELECTRONIC TELEPHONE SETS

MET Sets

General Description

2991A/B

HORIZON

503-100-129

2991C/D

HORIZON

503-100-130

<b>MULTIBUTTON ELECTRONIC TELEPHONE SETS (Cont)</b>			
MET Sets (Cont)			
General Description (Cont)			
2992A			
HORIZON	503-100-129		
2992C			
HORIZON	503-100-130		
2993A			
HORIZON	503-100-129		
2993C			
HORIZON	503-100-130		
2994C			
HORIZON	503-100-130		
<b>MULTILINE CONFERRING</b>			
Connections	512-230-104		
Identification	512-230-104		
Key Modification	512-230-104		
Key Placement	512-230-104		
<b>MULTIPLE DROP WIRE</b>			
Clearances			
Heavy Loading Area	462-500-017		
Light Loading Area	462-500-015		
Medium Loading Area	462-500-016		
<b>MULTIPLE LINE WIRE</b>			
Reference			
Wire Terminal General			
Precautions	SB460-300-140		
<b>MULTIPLE WIRE—SEE WIRE MULTIPLE</b>			
<b>NETWORK</b>			
Identification			
4010-Type	501-135-100		
4228-Type	501-135-100		
425-Type	501-135-100		
Telephone Set Components			
Connections			
Identification			
Installation			
Maintenance			
Customer-Owned Enclosures	501-420-102		
4159-Type			
Description			
Installation			
U1 Carrier System	462-275-201		
<b>NETWORK AND NETWORK CONTROL CIRCUIT</b>			
(SD-1E010-01); SWITCHING—SEE SWITCHING			
<b>NETWORK AND NETWORK CONTROL CIRCUIT</b>			
(SD-1E010-01)			
<b>NETWORK, 4010E</b>			
For Telephone Sets			
Radio Signal Suppression	SA500-150-100		
<b>NETWORK, 4228D</b>			
For Telephone Sets			
Radio Signal Suppression	SA500-150-100		
<b>NETWORK, 4228J</b>			
For Telephone Sets			
Radio Signal Suppression	SA500-150-100		
<b>NETWORK, 425J</b>			
For Telephone Sets			
Radio Signal Suppression	SA500-150-100		
<b>NIGHT CLOSING AND ALARM CIRCUIT</b>			
(SD-65898-01)			
Operation Tests			
701B Private Branch Exchange	540-515-501		
<b>NIGHT SERVICE CIRCUIT (SD-65894-01)</b>			
Operation Tests			
701B Private Branch Exchange	540-514-501		
<b>NIGHT SERVICE TRUNK (SD-65967-01)</b>			
Operation Tests			
3A Automatic Call Distributing System	476-325-501		
<b>NIGHT SERVICE TRUNK CIRCUIT</b>			
Operation Tests Using Test Set			
(SD-65983-01, J53131AG L1 or L3)			
2A Automatic Call Distributing System	476-247-501		
<b>NIGHT SERVICE TRUNK CIRCUIT</b>			
(SD-5E036-01)			
Operation Tests			
No. 6A Order Turret	475-600-664		
<b>NO-TEST CONNECTOR TRUNK CIRCUIT</b>			
(SD-67064-01)			
Operation Tests			
758C Private Branch Exchange	551-548-500		
<b>NOISE LOCATIONS; APPARATUS FOR—SEE APPARATUS FOR NOISE LOCATIONS</b>			
<b>NOISE; INDUCTIVE —SEE INDUCTIVE NOISE;</b>			
<b>NONCOIN TELEPHONE SET</b>			
Connection			
Identification			
Installation			
Maintenance			
Testing			
F-60761	506-500-100		
<b>NONKEY TELEPHONE SETS</b>			
Conversion for Use with 1A1 or 1A2 Key Telephone Systems		KA502-110-102	
<b>NONPLUG-IN MISCELLANEOUS FEATURE EQUIPMENT</b>			
Connections			
Identification			
Installation			
Installation Tests			
Service Options			
812A Private Branch Exchange	553-212-203		
<b>NUCLEAR BLAST DETECTOR—SEE DETECTOR (NUCLEAR BLAST)</b>			
<b>NUMBER CARD; STATION—SEE STATION NUMBER CARD</b>			
<b>NUMBER CARDS AND HOLDERS; STATION —SEE STATION NUMBER CARDS AND HOLDERS;</b>			
<b>NUMBER DISPLAY CIRCUIT (SD-98128-01)</b>			
Operation Tests			
520-Type PBX Emergency Reporting System	473-218-610		
<b>NUMBER IDENTIFICATION (ANI) CIRCUIT</b>			
(SD-1E505-01); AUTOMATIC—SEE AUTOMATIC NUMBER IDENTIFICATION (ANI) CIRCUIT (SD-1E505-01)			
<b>NUMBER IDENTIFICATION (SD-1E505-01); AUTOMATIC—SEE AUTOMATIC NUMBER IDENTIFICATION (SD-1E505-01)</b>			
<b>NUMBER IDENTIFICATION CIRCUIT</b>			
(SD-1E007-01); AUTOMATIC—SEE AUTOMATIC NUMBER IDENTIFICATION CIRCUIT (SD-1E007-01)			
<b>NUMBERING; LETTERING AND—SEE LETTERING AND NUMBERING</b>			
<b>OFFICE CABLES; COAXIAL—SEE COAXIAL OFFICE CABLES</b>			

<b>OFFICE FORCE ADMINISTRATIVE DATA</b>		
SYSTEM (BOFADS); BUSINESS—SEE BUSINESS		
OFFICE FORCE ADMINISTRATIVE DATA		
SYSTEM (BOFADS)		
<b>OFFICE TRUNK (2-WAY); CENTRAL—SEE</b>		
CENTRAL OFFICE TRUNK (2-WAY)		
<b>OFFICE TRUNK (2-WAY, SD-5E006-01);</b>		
CENTRAL—SEE CENTRAL OFFICE TRUNK		
(2-WAY, SD-5E006-01)		
<b>OFFICE TRUNK (2-WAY, SD-65850-01);</b>		
CENTRAL—SEE CENTRAL OFFICE TRUNK		
(2-WAY, SD-65850-01)		
<b>OFFICE TRUNK (2-WAY, SD-65895-01);</b>		
CENTRAL—SEE CENTRAL OFFICE TRUNK		
(2-WAY, SD-65895-01)		
<b>OFFICE TRUNK CIRCUITS (SD-99362-01,</b>		
SD-98051-01); CENTRAL—SEE CENTRAL		
OFFICE TRUNK CIRCUITS (SD-99362-01,		
SD-98051-01)		
<b>OFFICE TRUNKS AND TIE TRUNKS;</b>		
CENTRAL—SEE CENTRAL OFFICE TRUNKS AND		
TIE TRUNKS		
<b>OFFICE TRUNKS OUTGOING; CENTRAL—SEE</b>		
CENTRAL OFFICE TRUNKS OUTGOING		
<b>OFFICES</b>		
Step-By-Step		
Cleaning Equipment Frames by Means		
of Compressed Air		069-503-801
<b>OPERATOR TELEPHONE SETS</b>		
Associated Parts		028-360-821
Method of Wrapping Cords		028-360-821
<b>OPERATORS TELEPHONE SET JACKS</b>		
Cleaning Procedures		069-388-801
<b>OPTION; AUTOVON—SEE AUTOVON OPTION</b>		
<b>ORDER TURRET</b>		
No. 1		
Description		475-200-100
Installation		475-200-200
Supplies		475-200-800
Tests and Adjustments		475-200-300
No. 2		
Connections		475-210-100
Identification		475-210-100
Installation		475-210-100
No. 2A		
Connections		475-210-100
Identification		475-210-100
Installation		475-210-100
No. 3		
General Description		475-300-110
Method of Taking Equipment Out of		
Service		475-300-320
Method of Tracing		
Alarms		475-300-310
Operation Tests		
Attendant Telephone and Trunk		
Circuits		475-300-507
Incoming Trunk Selector Control		
Circuit		475-300-665
Incoming Trunks		475-300-665
Tests and Inspections		
Allotter Circuit and Associated		
Alarm and Registers		475-300-505
Calls Waiting Signal and		
Register Circuit		475-300-520
<b>ORDER TURRET (Cont)</b>		
No. 3 (Cont)		
Tests and Inspections (Cont)		
Start Circuit and Associated		
Alarm Circuit		475-300-655
No. 4		
Connections		475-220-100
Description		475-220-100
Installation		475-220-100
No. 6A		
Method of Tracing		
Alarms		475-600-310
Operation Tests		
Night Service Trunk Circuit		
(SD-5E036-01)		475-600-664
Overflow Control Circuit		
(SD-5E026-01)		475-600-669
Overflow Trunk Circuit		
(SD-5E033-01)		475-600-667
Trunk Finders		475-600-665
Tests and Inspections		
Alarm and Common Group Circuit		475-600-500
<b>ORIGINATING REGISTERS</b>		
Operation Tests		
757A Private Branch Exchange		551-268-501
<b>OUTDOOR LOCATIONS; SELECTING—SEE</b>		
<b>SELECTING OUTDOOR LOCATIONS</b>		
<b>OUTGOING DIAL TRUNK CIRCUIT</b>		
(SD-67051-01)		
Operation Tests		
758C Private Branch Exchange		551-541-500
<b>OUTGOING TRUNK (TO TOLL OPERATOR)</b>		
Operation Tests		
757A Private Branch Exchange		551-292-501
<b>OUTGOING TRUNK CIRCUITS (CENTRAL</b>		
<b>OFFICE EQUIPMENT)</b>		
Operation Tests		
520-Type PBX Emergency		
Reporting System		067-302-503
<b>OUTPUTS TO TRAFFIC MEASUREMENT SYSTEM</b>		
<b>NO. 1A</b>		
Operation Tests		
812A Private Branch Exchange		553-212-500
<b>OUTSIDE PLANT</b>		
Identification		
Installation		
Maintenance		
Material		
Removal		
SLC-1 Subscriber Equipment		502-204-100
<b>OVERFLOW CONTROL CIRCUIT</b>		
(SD-5E026-01)		
Operation Tests		
No. 6A Order Turret		475-600-669
3A Automatic Call Distributing		
System		476-338-501
<b>OVERFLOW TRUNK CIRCUIT (SD-5E032-01)</b>		
Operation Tests		
3A Automatic Call Distributing		
System		476-339-501
<b>OVERFLOW TRUNK CIRCUIT (SD-5E033-01)</b>		
Operation Tests		
No. 6A Order Turret		475-600-667
<b>P WIRE GUARD</b>		
Drop and Block Wiring		462-450-100



**PACKAGE; COMMUNICATION—SEE****COMMUNICATION PACKAGE****PACKAGED KEY TELEPHONE UNIT***Reference*

1A1 Key Telephone Systems KB518-114-115

*Service*

200F, G, K

1A1 Key Telephone Systems KB518-114-430

50-Type

1A Key Telephone Systems KB518-112-420

**PACKAGED UNITS***Service*

200H

1A1 Key Telephone Systems KB518-114-431

**PACKAGING AND HANDLING**

Disconnected KS-16378 Telephone Answering Sets 500-820-203

Disconnected KS-16765, L1 Announcement Sets 500-830-200

Disconnected KS-16844 RAPIDIAL Disconnected KS-16923, L1 Telephone Answering Sets 500-820-205

Disconnected KS-19245, L1 Telephone Answering Sets 500-820-207

Disconnected Station Apparatus SA500-810-200

Disconnected 1-Type Telephone Answering Sets 500-820-200

Disconnected 2-Type Telephone Answering Sets 500-820-201

Disconnected 400-Type KTU's 500-815-200

**PAGING SYSTEM; LOUDSPEAKER—SEE****LOUDSPEAKER PAGING SYSTEM****PAGING TRUNK (5D-65747-01);****LOUDSPEAKER—SEE LOUDSPEAKER PAGING****TRUNK (5D-65747-01)****PAGING TRUNK (5D-66762-01);****LOUDSPEAKER—SEE LOUDSPEAKER PAGING****TRUNK (5D-66762-01)****PAGING TRUNK (5D-66883-01);****LOUDSPEAKER—SEE LOUDSPEAKER PAGING****TRUNK (5D-66883-01)****PAGING TRUNK CIRCUIT (5D-65747-01);****LOUDSPEAKER—SEE LOUDSPEAKER PAGING****TRUNK CIRCUIT (5D-65747-01)****PAGING TRUNK; LOUDSPEAKER—SEE****LOUDSPEAKER PAGING TRUNK****PANEL TELEPHONE***Reference*1750A, B  
Single Line Telephone Set 502-706-1001751-Type  
Two Line-1 Button Telephone Set 502-706-1011752-Type  
Multiline Telephone Set 502-706-1021753-Type  
Two Line-1 Button Telephone Set 502-706-1032750-Type  
Single Line Telephone Set 502-707-1002751-Type  
Two Line-1 Button Telephone Set 502-707-1012752-Type  
Multiline Telephone Set 502-707-102**PANEL TELEPHONE (Cont)***Reference (Cont)*

2753-Type

Two Line-1 Button Telephone Set 502-707-103

2754-Type

Multiline Telephone Set 502-707-102

750-type

Single Line Telephone Set 502-705-100

751A/B

Two Line-1 Button Telephone Set 502-705-101

753-Type

Two Line-1 Button Telephone Set 502-705-103

*Service*

1750A/B

Single Line Telephone Set SB502-731-401

1751C, D

Two Line-1 Button Telephone Set SB502-734-401

1752-Type

Multiline Telephone Set 502-737-401

1753A, B

Two Line-1 Button Telephone Set SB502-740-401

2751C, D

Two Line-1 Button Telephone Set SA502-735-401

2752-Type

Multiline Telephone Set 502-738-401

2753A, B

Two Line-1 Button Telephone Set SA502-741-401

2754-Type

Multiline Telephone Set 502-738-402

750-Type

Single Line Telephone Set SA502-730-401

751-Type

Two Line-1 Button Telephone Set SA502-733-401

752-Type

Multiline Telephone Set 502-736-401

753A, B

Two Line-1 Button Telephone Set SA502-739-401

754-Type

Multiline Telephone Set 502-736-402

## Telephone Set

*Reference*

752-Type

502-705-102

754-Type

502-705-102

**PANEL, 626A; MODULAR—SEE MODULAR****PANEL, 626A****PANELS***Connections*

601-Type

400-Type Key Telephone Unit KB518-215-418

602-Type

400-Type Key Telephone Unit KB518-215-418

603-Type

400-Type Key Telephone Unit KB518-215-418

*Service*

583-Type

1A2 Key Telephone Systems KB518-215-410

## PANELS (Cont)

## Service (Cont)

584-Type	
1A2 Key Telephone Systems	KB518-215-410
597-Type	
1A2 Key Telephone Systems	KB518-215-417
598-Type	
1A2 Key Telephone Systems	KB518-215-417
620A	
1A2 Key Telephone Systems	518-215-419
641A	
1A2 Key Telephone Systems	518-215-419
642A	
1A2 Key Telephone Systems	518-215-419

## PARTS; KIT OF—SEE KIT OF PARTS

## PBX ACCESS LINE CIRCUIT (SD-SE000-01)

## Operational Tests

Step-By-Step Type Private	
Branch Exchange	540-310-501

## PBX INFORMATION DESK

## Operation Tests

Attendant Trunk and Position	
Circuits	475-600-507
Incoming Trunks	475-600-666

## PBX LINES; CONFERENCING—SEE

## CONFERENCING PBX LINES

## PBX POWER PANELS

Tests and Inspections	534-360-630
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## PBX RANGE CHARTS

## No. 1 Crossbar Central Office

1300-Ohm Conductor Loop and	
400-Ohm Talk Battery Feed	534-362-151
1300-Ohm Conductor Loop and	
520-Ohm Talk Battery Feed	534-362-152

## No. 1 ESS Central Offices

1500-Ohm Subscriber Conductor	
Loop and 388-Ohm Talking	
Battery-Feed Circuit	534-362-160

## No. 5 Crossbar Central Office

1360-Ohm Conductor Loop and	
400-Ohm Talk Battery Feed	534-362-156
400-Ohm Talk Battery Feed and	
1430-Ohm Conductor Loop	534-362-157

## Panel Central Office

1300-Ohm Conduct or Loop and	
140-Ohm Talk Battery Feed	534-362-153
635-Ohm Conductor Loop and	
50-Ohm Talk battery Feed	534-362-155
785-Ohm Conductor Loop and	
50-Ohm Talk Battery Feed	534-362-154

## Step-by-Step Line Finder Central Office

1300-Ohm Conductor Loop and	
400-Ohm Talk Battery Feed	534-362-159
885-Ohm Conductor Loop and	
400-Ohm Talk Battery Feed	534-362-158

## PBX-ANI DATA LINK TEST SET

## Description

## Operation

Test Equipment PBX	105-602-101
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## PBX—SEE PRIVATE BRANCH EXCHANGE

PEG COUNT CIRCUIT; ALARMS AND—SEE  
ALARMS AND PEG COUNT CIRCUIT

## PEG COUNT TOTALIZER (SD-65981-01)

## Operation Tests

Incoming Trunk Group	
3A Automatic Call	
Distributing System	476-324-501

## PERFORATORS

## Procedures for Cleaning

KS-13882	069-370-801
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## PERFORMANCE MONITOR; BIT—SEE BIT

## PERFORMANCE MONITOR

## PHONE CART

## Hospital

## Connections

## Identification

## Installation

## Maintenance

KS-21428	508-254-100
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## Nursing Home

## Connections

## Identification

## Installation

## Maintenance

KS-21428	508-254-100
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## PHONE SIGN

## Identification

## Installation

## Nonilluminated Type

CB508-810-205

PHONE SIGN; PUBLIC—SEE PUBLIC PHONE  
SIGN

## PHONE TRAINER; BUSINESS—SEE BUSINESS

## PHONE TRAINER

## PICKUP CIRCUIT (SD-65916-01); LINE—SEE

## LINE PICKUP CIRCUIT (SD-65916-01)

## PICTUREPHONE® CONNECTING ARRANGEMENT

## PICTUREPHONE Connecting Arrangement

## Connection

## Identification

## Installation

## Maintenance

## Method of Operation

PVF (Using 114A IU)	463-390-100
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## PICTUREPHONE® SERVICE

## Phase 0

## Identification

## J53051A

## Equipment Bay

518-800-120

## J53051B

## Equipment Bay

518-800-122

## 2C Video Telephone Station

518-800-110

## 600 Series

## Key Telephone Unit

518-800-105

## 650A

## Key Service Unit

518-800-115

## Installation

## J53051A

## Equipment Bay

518-800-120

## J53051B

## Equipment Bay

518-800-122

## 2C Video Telephone Station

518-800-110

## 650A

## Key Service Unit

518-800-115

## Operational Tests

## Trouble Locating Procedures

518-800-501

Phase 0 (One Line and 6-Station Single  
Link Intercom

## Connections

518-800-409

**PICTUREPHONE® SERVICE (Cont)**

Phase 0 (One Line and 6-Station Single (Cont) Connections (Cont) J53051A Equipment Bay	518-800-421
Phase 0 (Single and Multigroup Line Service and Single Link Intercom) Trouble Locating Procedures Phase 0 (Single Group and Multigroup Line Service) Connections J53051B Equipment Bay	518-800-429
Phase 0 (Single Line Service and 1P2 Key Telephone System Arrangements) General Description	518-800-100
Phase 0 (Test Facilities) Method of Operation	553-800-301
Phase 0 (2- or 3-Link Intercom) Connections J53051C Equipment Bay	518-800-437
Identification J53051C Equipment Bay	518-800-128
Installation J53051C Equipment Bay	518-800-128
Method of Operation	518-800-305
Trouble Locating J53051C Equipment Bay	518-800-507
Phase 0 (2C Video Telephone Station) Connections	518-800-401
Phase 0 (10-Station Single Link Intercom) Connections 650A Key Service Unit	518-800-413
Phase 0 (10-Station Single Link Intercom) Connections J53051A Equipment Bay	518-800-425
<b>PICTUREPHONE® SERVICE (BASEBAND VIDEO TRANSMISSION)</b> Initial Service (Phase 0) Description Key Telephone System Cable Equalizers	518-800-103
Station Set Cable Equalizer	518-800-101
Video Loop Facility Alignment Cable Equalizers	518-800-510
Video Loop Facility Trouble Location Cable Equalizers	518-800-512
<b>PLAN; KIT—SEE KIT PLAN</b> <b>PLANT AND TRAFFIC REGISTER CIRCUIT (SD-67069-01)</b> Operation Tests 758C Private Branch Exchange	551-530-500
Operation Tests 758C Switching System	551-564-500
<b>PLANT; DEDICATED—SEE DEDICATED PLANT</b> <b>PLANT; OUTSIDE—SEE OUTSIDE PLANT</b> <b>PLANT; POWER—SEE POWER PLANT</b>	

**PLASTIC ANCHOR**

General	
B	080-720-111
C	080-720-111
D	080-720-113
<b>PLATE; DESIGNATION—SEE DESIGNATION</b> <b>PLATE</b> <b>PLATFORM; LADDER—SEE LADDER PLATFORM</b> <b>PLIERS V-NOTCH; DIAGONAL—SEE DIAGONAL</b> <b>PLIERS V-NOTCH</b> <b>PLUG; RETAINER—SEE RETAINER PLUG</b> <b>PLUG-IN TYPE TRUNK</b> Connections Identification Installation 812A Private Branch Exchange	553-212-201
<b>PLUG-RETAINER ASSEMBLIES;</b> <b>POWER-CORD—SEE POWER-CORD</b> <b>PLUG-RETAINER ASSEMBLIES</b> <b>PLUGS</b> Cleaning and Polishing Using Cotton Sleeving	069-380-812
Cleaning and Polishing Using Portable Plug Cleaner	069-380-811
Identification Service For Portable Telephone Sets	SB461-630-100
<b>PLUGS; SWITCHBOARD—SEE SWITCHBOARD</b> <b>PLUGS</b> <b>POINTS; ACCESS—SEE ACCESS POINTS</b> <b>POLARITY GUARDS</b> Identification	501-321-100
<b>POLE</b> Drop and Block Wiring Attachments	462-300-200
<b>POLE STEP</b> Inspection for Cracks B	081-735-600
<b>POLE-MOUNTED</b> Wire Terminals Drop and Block Wiring General Precautions	SB460-300-145
<b>POLES; CLIMBING—SEE CLIMBING POLES</b> <b>POSITION CIRCUIT (SD-66874-01) (A&amp;M);</b> <b>AUXILIARY—SEE AUXILIARY POSITION CIRCUIT (SD-66874-01) (A&amp;M)</b> <b>POSITION CIRCUIT FOR REMOTE TRUNK ANSWERING (SD-66910-01); AUXILIARY—SEE AUXILIARY POSITION CIRCUIT FOR REMOTE TRUNK ANSWERING (SD-66910-01)</b> <b>POSITION CIRCUIT (SD-66874-01) (NON-PLUG-IN ARRANGEMENT);</b> <b>AUXILIARY—SEE AUXILIARY POSITION CIRCUIT (SD-66874-01) (NON-PLUG-IN ARRANGEMENT)</b> <b>POSITION CIRCUIT (SD-66874-01) (PLUG-IN ARRANGEMENT); AUXILIARY—SEE AUXILIARY POSITION CIRCUIT (SD-66874-01) (PLUG-IN ARRANGEMENT)</b> <b>POSITION CIRCUITS</b> Inspections Tests 520-Type PBX Emergency Reporting System	473-218-525

## POSITION TRUNK (2-WAY, SD-65818-01)

*Operation Tests*

701B Private Branch Exchange 540-540-504

## POST ALERTING NETWORK (COPAN);

COMMAND—SEE COMMAND POST ALERTING NETWORK (COPAN)

## POST CAP; BINDING—SEE BINDING POST CAP

## POST CUTTER; BINDING—SEE BINDING POST CUTTER

## POTENTIOMETERS

*Procedures for Cleaning and Treatment*

069-321-801

## POWER FAILURE TRANSFER CIRCUIT

*Operation Tests*

701B Private Branch Exchange 542-010-503

## POWER FAILURE TRANSFER CIRCUITS;

ALARMS AND—SEE ALARMS AND POWER FAILURE TRANSFER CIRCUITS

## POWER PANELS; PBX—SEE PBX POWER PANELS

## POWER PLANT

101A (J59010)

Arranged for Cable Pair

Charging or Rectifier

Charging without Charge

Control Relay 167-410-301

*Connections*

J86495A 167-485-201

J86495B and D with Battery

Reserve

Model X10TFR3SUY (115) 167-485-202

101A (J59010C) 167-410-200

101A (J59010F) 167-410-201

101E (J86566A) 167-414-201

101E (J86566B) 167-414-202

101G (J86731) KA167-416-201

101H (J86736) 167-417-201

101J (J86471A) 167-419-201

101J (J86471B, L1) 167-419-202

101K (J86897A) 167-420-201

*General Installation Requirements**Identification*

J86495A 167-485-201

J86495B and D with Battery

Reserve

Model X10TFR3SUY (115) 167-485-202

101A (J59010C) 167-410-200

101A (J59010F) 167-410-201

101E (J86566A) 167-414-201

101E (J86566B) 167-414-202

101G (J86731) KA167-416-201

101H (J86736) 167-417-201

101J (J86471A) 167-419-201

101J (J86471B, L1) 167-419-202

101K (J86897A) 167-420-201

*Installation*

J86495A 167-485-201

J86495B and D with Battery

Reserve

Model X10TFR3SUY (115) 167-485-202

101A (J59010C) 167-450-201

101A (J59010F) 167-410-200

101A (J59010F) 167-410-201

101E (J86566A) 167-414-201

101E (J86566B) 167-414-202

101F (J86567) 167-415-201

## POWER PLANT (Cont)

*Installation (Cont)*

101G (J86731) KA167-416-201

101H (J86736) 167-417-201

101J (J86471A) 167-419-201

101J (J86471B, L1) 167-419-202

101K (J86897A) 167-420-201

*Operating Methods*

J29361A-1 167-461-301

J29361D-1 167-482-301

J86463A

P1 Carrier Station Systems 167-275-301

J86463B

P1 Carrier Station Systems 167-275-302

J86464 PA167-480-301

J86808 PA167-486-301

J86812 167-494-301

J86818 167-488-301

J86828 167-488-306

J86831A PA167-489-301

J86857A and B 167-493-301

J86878A PA167-497-301

J98707M

P1 Carrier Station Systems 167-275-303

102G (J86802) 167-208-301

105D (J86446) PA167-210-301

105E (J86814) PA167-210-302

110A (J86572) PA167-215-301

110B (J86455) PA167-215-301

111A (J86470) PA167-217-301

671A (J86880) 167-276-301

680A (J86891A and J86891B) 167-277-301

806D (J86596) 167-255-301

806G (J86472) PA167-460-301

*Selection*

Key Systems and Small PBX 167-400-180

## POWER SUPPLY

*Operating Methods*

J86635 167-495-301

J86635D 167-495-302

J86810 PA167-487-301

J86830A and G 167-490-301

J87276A 167-492-301

J87292A 167-496-301

KS-20849 167-432-305

KS-20850 167-432-306

KS-21011 167-432-301

KS-21012 167-432-302

KS-21120 167-432-303

KS-21121 167-432-304

## POWER SUPPLY (SD-SE039-01);

## AUXILIARY—SEE AUXILIARY POWER SUPPLY

## (SD-SE039-01)

## POWER UNIT

*Connections*

103B 167-456-101

104B 167-457-101

112A 167-440-203

19-Type KA167-440-201

20-Type KA167-440-201

207A 167-441-101

215C1 167-441-102

28-Type 167-445-101

29-Type KA167-446-101

30-Type KA167-446-101

32A1 167-448-101

**POWER UNIT (Cont)***Connections (Cont)*

32B1	167-448-101
33A	167-452-101
34B1	KA167-447-101
34C1	KA167-447-101
47C	KA167-449-101
51-Type	167-451-101
63-Type	167-455-101
67-Type	167-454-101
71A-Type	167-458-101
79B-Type	167-458-102
83A	167-458-105
90BR1	167-458-103
90B1	167-458-103

*General Description*

KS-19352L2	167-430-102
KS-19352L3	167-430-103
KS-19352LA	167-430-104

*Identification*

103B	167-456-101
104B	167-457-101
112A	167-440-203
19-Type	KA167-440-201
20-Type	KA167-440-201
207A	167-441-101
215C1	167-441-102
28-Type	167-445-101
29-Type	KA167-446-101
30-Type	KA167-446-101
32A1	167-448-101
32B1	167-448-101
33A	167-452-101
34B1	KA167-447-101
34C1	KA167-447-101
47C	KA167-449-101
51-Type	167-451-101
63-Type	167-455-101
67-Type	167-454-101
71A-Type	167-458-101
79B-Type	167-458-102
83A	167-458-105
90BR1	167-458-103
90B1	167-458-103

*Installation*

103B	167-456-101
104B	167-457-101
112A	167-440-203
19-Type	KA167-440-201
20-Type	KA167-440-201
207A	167-441-101
215C1	167-441-102
28-Type	167-445-101
29-Type	KA167-446-101
30-Type	KA167-446-101
32A1	167-448-101
32B1	167-448-101
33A	167-452-101
34B1	KA167-447-101
34C1	KA167-447-101
47C	KA167-449-101
51-Type	167-451-101
63-Type	167-455-101
67-Type	167-454-101
71A-Type	167-458-101
79B-Type	167-458-102

**POWER UNIT (Cont)***Installation (Cont)*

90BR1	167-458-103
90B1	167-458-103
<i>Maintenance</i>	
19-Type	KA167-440-201
20-Type	KA167-440-201
83A	167-458-105
<i>Operating Methods</i>	
KS-19352L1, L5	PA167-430-301
KS-19352L2	167-430-302
KS-19352L3	PA167-430-303
KS-19352L4	167-430-304
KS-20119L1, L2, L3, L4	167-431-301
92A-Type	167-459-301

**POWER-CORD PLUG-RETAINER ASSEMBLIES**

<i>Identification</i>	167-400-210
<i>Installation</i>	167-400-210

**PRECAUTIONS; GENERAL—SEE GENERAL****PRECAUTIONS****PRECEDENCE CIRCUIT (SD-67100-01)**

<i>Operation Tests</i>	
758C Private Branch Exchange	551-526-500

**PREEMPTION AND CONTINUITY TEST TRUNK (SD-67054-01)**

<i>Operation Tests</i>	
758C Private Branch Exchange	551-540-500

**PREEMPTION TONE DETECTOR (AUTOVON)**

<i>Connections</i>	
<i>Identification</i>	
<i>Maintenance</i>	
For Customer Provided PBX or Stations	480-611-100

**PREMISES SYSTEM; CUSTOMER—SEE CUSTOMER****PREMISES SYSTEM****PREWIRING**

<i>Connecting Services</i>	
High Rise Apartment Buildings	461-310-401

<i>Identification</i>	
High Rise Apartment Buildings	461-310-101

<i>Installation</i>	
High Rise Apartment Buildings	461-310-201

**PRIMARY CRASH ALARM SYSTEM (CRASH**

<b>PHONES)</b>	
<i>General Description</i>	981-282-100

**PRINCESS® TELEPHONE**

<i>Reference</i>	
1702B	
Single Line Telephone Set	502-702-100
1702D	
Single Line Telephone Set	502-702-103
Two Line-1 Button Telephone Set	502-702-103
1712B	
Two Line-1 Button Telephone Set	502-702-101
1713B	
Single Line Telephone Set	502-702-103
Two Line-1 Button Telephone Set	502-702-103
2702B, BM	
Single Line Telephone Set	502-703-100
2702D, DM	
Single Line Telephone Set	502-703-103
Two Line-1 Button Telephone Set	502-703-103

## PRINCESS® TELEPHONE (Cont)

## Reference (Cont)

2712B, BM	Two Line-1 Button Telephone Set	502-703-101
2713B, BM	Single Line Telephone Set	502-703-103
	Two Line-1 Button Telephone Set	502-703-103
701B	Single Line Telephone Set	502-701-100
701D	Single Line Telephone Set	502-701-103
702B, BM	Single Line Telephone Set	502-701-100
702D	Single Line Telephone Set	502-701-103
711B	Single Line Telephone Set	502-701-103
712B, BM	Single Line Telephone Set	502-701-101
713B, 713BM	Single Line Telephone Set	502-701-103
<i>Service</i>		
1702B	Single Line Telephone Set	SB502-722-401
1702D	Single Line Telephone Set	SB502-728-401
1712B	Two Line-1 Button Telephone Set	SB502-725-401
1713B	Two Line-1 Button Telephone Set	SB502-728-402
2702B, BM	Single Line Telephone Set	SA502-723-401
2702D, DM	Single Line Telephone Set	SA502-729-401
2712B, BM	Two Line-1 Button Telephone Set	SA502-726-401
2713B, BM	Two Line-1 Button Telephone Set	SA502-729-402
701B	Single Line Telephone Set	SB502-721-401
701D	Single Line Telephone Set	SB502-727-401
702B, BM	Single Line Telephone Set	SA502-721-402
702D	Single Line Telephone Set	SA502-727-402
711B	Single Line Telephone Set	SB502-727-403
712B, BM	Two Line-1 Button Telephone Set	SA502-724-401
713B, BM	Single Line Telephone Set	SA502-727-404

## PRIVATE BRANCH EXCHANGE

Common Group TOUCH-TONE® Calling  
Equipment with Crossbar Link Access

## Operation Tests

Converter Trunk Access Circuit (SD-65853-01)	540-702-502
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## PRIVATE BRANCH EXCHANGE (Cont)

## Common Group TOUCH-TONE® Calling (Cont)

## Operation Tests (Cont)

Crossbar Link and Controller Circuit (SD-5E053-01)	540-702-502
Interface Trunk Circuit (SD-66926-01)	540-702-502
Line or Trunk Access Circuit (SD-1B045-01)	540-702-502
Station Access Circuit (SD-66885-01)	540-702-502
Tie Trunk Access Circuit (SD-1B053-01)	540-702-502
TOUCH-TONE® Receiver Circuit (Type A, Senior, SD-98148-01)	540-702-502
TOUCH-TONE® Receiver Circuit (Type C, Junior, SD-67027-01)	540-702-502
<i>DIMENSION® Custom PBX</i>	
<i>Preinstallation and Planning Information</i>	
DIMENSION® Custom PBX	554-111-101
DIMENSION® 2000	554-111-101
<i>DIMENSION® PBX</i>	
DIMENSION® PBX Station Message Detail Recording	554-010-122
<i>Abbreviated and Delayed Ringing</i>	
DIMENSION® Features	554-191-140
Features	554-191-140
<i>Attendant Console</i>	
DIMENSION® Features	554-191-112
Features	554-191-112
<i>Automatic Callback - Calling</i>	
DIMENSION® Features	554-191-119
Features	554-191-119
<i>Call Hold</i>	
DIMENSION® Features	554-191-128
Features	554-191-128
<i>Code Calling Access</i>	
DIMENSION® Features	554-191-135
Features	554-191-135
<i>Code Restriction</i>	
DIMENSION® Features	554-191-137
Features	554-191-137
<i>Common Audible Ringing</i>	
DIMENSION® Features	554-191-140
Features	554-191-140
<i>Description</i>	
Addendant Console	554-010-100
DIMENSION® PBX	554-010-100
<i>Direct Station Selection With Busy Lamp Field</i>	
DIMENSION® Features	554-191-115
Features	554-191-115
<i>Distinctive Ringing</i>	
DIMENSION® Features	554-191-151
Features	554-191-151
<i>Executive Override</i>	
DIMENSION® Features	554-191-155
Features	554-191-155
<i>Installation</i>	
DIMENSION® PBX	554-010-102
<i>Journal Printers Feature</i>	
DIMENSION® Features	554-191-222
Features	554-191-222

## PRIVATE BRANCH EXCHANGE (Cont)

## DIMENSION® PBX (Cont)

<i>Line Ringing</i>	
DIMENSION® Features	554-191-140
Features	554-191-140
<i>Local Call Billing Feature</i>	
DIMENSION® Features	554-191-217
Features	554-191-217
<i>Maintenance</i>	
DIMENSION® PBX	554-010-102
<i>Maintenance Plan</i>	
Customer Telephone Service	554-010-113
DIMENSION® PBX	554-010-113
<i>Maintenance Support Information</i>	
Customer Telephone Service	554-010-112
DIMENSION® PBX	554-010-112
<i>Manual Originating Line Service</i>	
DIMENSION® Features	554-191-175
Features	554-191-175
<i>Operation</i>	
DIMENSION® PBX	554-010-102
<i>Origination Restriction</i>	
DIMENSION® Features	554-191-183
Features	554-191-183
<i>Outgoing Trunk Queuing</i>	
DIMENSION® Features	554-191-186
Features	554-191-186
<i>Preinstallation Information</i>	
Customer Telephone Service	554-010-111
DIMENSION® PBX	554-010-111
<i>Recall Button</i>	
DIMENSION® Features	554-191-193
Features	554-191-193
<i>Recall Dial Tone</i>	
DIMENSION® Features	554-191-193
Features	554-191-193
<i>Reference Guide</i>	
DIMENSION® Features	554-191-100
Features	554-191-100
<i>Remote Access to PBX Services</i>	
DIMENSION® Features	554-191-195
Features	554-191-195
<i>Ringling Transfer</i>	
DIMENSION® Features	554-191-140
Features	554-191-140
<i>Rotary Dial Calling</i>	
DIMENSION® Features	554-191-197
Features	554-191-197
<i>Station Message Detail Recording</i>	
DIMENSION® Features	554-191-208
Features	554-191-208
<i>Station Ringer Cutoff</i>	
DIMENSION® Features	554-191-140
Features	554-191-140
<i>Station-to-Station Calling</i>	
DIMENSION® Features	554-191-209
Features	554-191-209
<i>System Administration</i>	
Customer Telephone Service	554-010-113
DIMENSION® PBX	554-010-113
<i>System Description</i>	
Customer Telephone Service	554-010-110
DIMENSION® PBX	554-010-110
<i>Termination Restriction</i>	
DIMENSION® Features	554-191-213
Features	554-191-213

## PRIVATE BRANCH EXCHANGE (Cont)

## DIMENSION® PBX (Cont)

<i>Timed Reminder</i>	
DIMENSION® Features	554-191-215
Features	554-191-215
<i>Toll Restriction</i>	
DIMENSION® Features	554-191-137
Features	554-191-137
<i>Wide Frequency Tolerant Power Plant</i>	
DIMENSION® Features	554-191-233
Features	554-191-233
<i>Filter-Ventilator System</i>	
<i>Identification</i>	
ED-1E267	534-367-201
<i>Maintenance</i>	
ED-1E267	534-367-201
<i>Manual, Crossbar, and Electronic Connections</i>	
Centralized TOUCH-TONE®	
Conversion Equipment	534-366-211
Local Trunk TOUCH-TONE®	
Conversion Equipment	534-366-210
<i>Identification</i>	
Centralized TOUCH-TONE®	
Conversion Equipment	534-366-211
Local Trunk TOUCH-TONE®	
Conversion Equipment	534-366-210
<i>Installation</i>	
Centralized TOUCH-TONE®	
Conversion Equipment	534-366-211
Local Trunk TOUCH-TONE®	
Conversion Equipment	534-366-210
<i>Operation Tests (Using Solid state Converter and Receiver Test Set Circuit (SD-66890-01, J58847M))</i>	
Local TOUCH-TONE® Calling Equipment	534-366-501
<i>Private Branch Exchange</i>	
<i>General Description</i>	
Arrangement for Automatic Number Identification (ANI)	981-601-100
<i>General Descriptive Information</i>	
Automatic Number Identification (SD-1E505-01)	981-013-100
Tie Trunk Circuits	981-010-100
<i>Operation Tests (Using Solid State Converter and Receiver Test Set Circuit (SD-66890-01, J58847M))</i>	
Centralized TOUCH-TONE® Calling Converter Equipment	534-366-502
<i>Step-By-Step</i>	
<i>Call-Thru Test Using Automatic Call-Thru Test Set (SD-32522-01, J34728)</i>	540-101-500
<i>Circuit Tests</i>	
Call Distribution Circuit (SD-65811-01)	540-530-501
Call Distribution Circuit (SD-65829-01)	540-530-502
<i>Maintenance</i>	
Automatic Number Identification Circuit (SD-1E007-01)	540-518-300
<i>Manual Verification</i>	
Automatic Number Identification Circuit (SD-1E007-01)	540-518-305

## PRIVATE BRANCH EXCHANGE (Cont)

## Step-By-Step (Cont)

## Method of Operation

1- and 2-Type or 21-, 41-, and 51-Type Telephone Consoles with Switched Loop Operation Attendant Equipment 540-507-301

1-, 2-, 21-, 41-, or 51-Type Telephone Consoles with Direct Trunk Termination Attendant Equipment 540-507-300

## Operation Tests

Attendant Loop Circuit (SD-65830-01) 540-570-502

Attendant Trunk Circuit (SD-65808-01) 540-540-503

Automatic Number Identification Circuit (SD-1E007-01) 540-518-501

Call Distribution Circuit Alarms (SD-65829-01) 540-510-502

Calls Waiting Signal Circuit (SD-65845-01) 540-517-501

Central Office Trunk (2-Way, SD-5E006-01) 540-540-510

Central Office Trunk (2-Way, SD-65850-01) 540-540-502

Central Office Trunk (2-Way, SD-65895-01) 540-540-509

Converter (SD-66887-01 or SD-66892-01) 540-702-501

Finder Circuits 100-Point 4-, 6-, and 8-Wire (SD-65906-01, SD-65953-01, SD-65954-01, SD-65955-01) 540-521-501

Incoming Trunk Circuit (SD-5E004-01) 540-540-507

Intercepting Trunk Circuit (SD-65846-01) 540-540-503

Interface Circuit (SD-66886-01 or SD-1E054-01) 540-702-501

Ringdown Tie Trunk Circuit (SD-65825-01) 540-540-503

TOUCH-TONE\* Calling Receiver (SD-67027-01 or SD-98148-01) 540-702-501

Trunk Finder Circuit (SD-65906-01) 540-702-501

Two-Way Manual and Dial Selected Tie Trunk Circuit (SD-65823-01) 540-540-503

*Operation Tests Using Dial Hand Test Set*

Switch Rotary Out-Trunk 5-Wire (SD-30891-01) 540-155-501

*Operation Tests Using Jack Mounting (ED-60613-30)*

Attendant Loop Circuit (SD-65813-01) and Position Circuit (SD-65814-01) 540-570-501

*Operation Tests Using Sender Test Circuit (SD-65827-01)*

Register Senders (SD-65816-01) and Sender Links (SD-65820-01) 540-560-501

*Trouble Locating Procedures*

Automatic Number Identification Circuit (SD-1E007-01) 540-518-302

## PRIVATE BRANCH EXCHANGE (Cont)

## Step-By-Step (Cont)

*Trouble Locating Procedures Using Test Set J58853J (SD-1E056-01) and Tektronix Oscilloscope Model 221T (Type 453 or 453A)*

Automatic Number Identification Circuit (SD-1E007-01) 540-518-303

*Verification*

Automatic Number Identification Circuit (SD-1E007-01) 540-518-304

*Verification Procedures*

Automatic Number Identification Circuit (SD-1E007-01) 540-518-306

*Step-By-Step (700-Type)*

*Trouble Locating Information* PA540-010-300

*Step-by-Step and Crossbar Type Pulsing Tests and Requirements using Pulse Repeating Test Set (SD-31667-01, J34720A) and Pulsing Test Set (SD-31481-01, J34717A)*

Tie Trunk Circuit (SD-65718-01 and SD-66799-01) 534-364-501

*Step-By-Step Type*

*Operational Tests*

PBX Access Line Circuit (SD-5E000-01) 540-310-501

100 DIMENSION\*

*Maintenance Plan*

Customer Switching System 201S DIMENSION\* 100 554-101-110

DIMENSION\* 400 554-101-110

*Operating Procedure*

DIMENSION\* 100 554-101-115

DIMENSION\* 400 554-101-115

X-Ray Program Package 554-101-115

*Planning Information*

DIMENSION\* 100 554-101-103

*Preinstallation*

DIMENSION\* 100 554-101-103

*Scanner/Distributor and Network Control Maintenance Support Information*

DIMENSION\* 100 554-101-106

DIMENSION\* 400 554-101-106

*System Administration*

Customer Switching System 201S DIMENSION\* 100 554-101-110

DIMENSION\* 400 554-101-110

*System Description*

DIMENSION\* 100 554-101-102

2000 DIMENSION\*

*Maintenance Plan*

DIMENSION\* Custom PBX 554-111-110

DIMENSION\* 2000 554-111-110

*Maintenance Support Information*

DIMENSION\* 2000 554-111-106

*Network Control*

DIMENSION\* 2000 554-111-106

*Operating Procedures*

DIMENSION\* Custom PBX 554-111-115

DIMENSION\* 2000 554-111-115

X-Ray Program Package 554-111-115

*Preinstallation and Planning Information*

DIMENSION\* Custom PBX 554-111-101



## PRIVATE BRANCH EXCHANGE (Cont)

2000 DIMENSION* (Cont)	
<i>Preinstallation and Planning (Cont)</i>	
DIMENSION* 2000	554-111-101
Scanner Distributor	
DIMENSION* 2000	554-111-106
System Administration	
DIMENSION* Custom PBX	554-111-110
DIMENSION* 2000	554-111-110
System Description	
DIMENSION* 2000	554-111-100
400 DIMENSION*	
AUTOVON Service	554-010-135
DIMENSION* 400	554-010-135
Maintenance Plan	
Customer Switching System 201S	554-101-110
DIMENSION* 100	554-101-110
DIMENSION* 400	554-101-110
Operating Procedure	
DIMENSION* 100	554-101-115
DIMENSION* 400	554-101-115
X-Ray Program Package	554-101-115
Preinstallation Information	
DIMENSION* 400	554-101-101
Scanner/Distributor and Network Control Maintenance Support Information	
DIMENSION* 100	554-101-106
DIMENSION* 400	554-101-106
System Administration	
Customer Switching System 201S	554-101-110
DIMENSION* 100	554-101-110
DIMENSION* 400	554-101-110
System Description	
DIMENSION* 400	554-101-100
400E DIMENSION*	
System Description	
DIMENSION* 400E	554-105-100
500B	
Installation	
Manual Conference Circuit with Voice Repeater (SD-65719-01)	534-420-210
505B	
Circuit Tests	536-050-511
Installation	536-050-210
Modification for Anti-Sidetone Connections	536-050-800
Tests and Inspections at Time of Installation	536-050-230
505C	
Circuit Tests	536-050-511
Installation	536-050-210
Modification for Anti-Sidetone Connections	536-050-800
Tests and Inspections at Time of Installation	536-050-230
506A	
Circuit Tests	536-050-511
Installation	536-050-210
Modification for Anti-Sidetone Connections	536-050-800
Tests and Inspections at Time of Installation	536-050-230
506B	
Circuit Tests	536-050-511
Installation	536-050-210

## PRIVATE BRANCH EXCHANGE (Cont)

506B (Cont)	
Modification for Anti-Sidetone Connections	536-050-800
Tests and Inspections at Time of Installation	536-050-230
507A	
Circuit Tests	536-070-511
In-Service Tests	
Manual PBX Access Line Circuit (SD-66918-01)	536-070-512
Installation	536-070-210
Tests and Inspections at Time of Installation	536-070-230
507B	
Circuit Tests	536-070-511
In-Service Tests	
Manual PBX Access Line Circuit (SD-66918-01)	536-070-512
Installation	536-070-210
Tests and Inspections at Time of Installation	536-070-230
508A	
General Description	981-510-100
508A (Dispatching Service)	
Circuit Tests	473-169-511
520-Type	
Circuit Tests	
Industrial Reporting System	473-219-500
General Description	
Industrial Reporting System	981-225-101
Method of Operation	
Concentrator-Type Emergency Reporting System	473-218-301
Direct Line Emergency Reporting System	473-218-300
Industrial Reporting System	473-219-300
550	
Installation	
Plastic Bulletin Holders	534-500-201
Overall Transmission Tests	
Manual Conference Circuits with Voice Repeater (SD-65719-01)	534-420-511
550-Type	
General Description	
Signal Cabinet for Touch Operation	536-490-110
Tests and Inspections at Time of Installation	536-490-230
550B	
Installation	536-500-210
Operation Tests	
Central Office Trunks	536-490-665
Cord Circuits	536-500-522
Preparation for Installing	536-490-200
Relay, Jack and Lamp Circuit Tests	
Extension Lines	536-490-660
Tests and Inspections	
Attendant Telephone and Dialing Circuit	534-405-665
Miscellaneous Circuits	
Ringing, Battery, Auxiliary Signal, Grouping, Fuse and Power Alarms	536-490-600
550C	
Installation	536-500-210

## PRIVATE BRANCH EXCHANGE (Cont)

550C (Cont)		
<i>Installation (Cont)</i>		
Manual Conference Circuit with Voice Repeater (SD-65719-01)	534-420-210	
<i>Manual Tests</i>		
Cord Circuits	534-430-520	
<i>Operation Tests</i>		
Central Office Trunks	536-490-665	
<i>Operation Tests Using PBX Cord   Circuit Test Set, J54703A</i>		
Cord Circuits	534-430-525	
<i>Preparation for Installing   Relay, Jack and Lamp Circuit Tests</i>	536-490-200	
Extension Lines	536-490-660	
<i>Tests and Inspections</i>		
Attendant Telephone and Dialing Circuit	534-405-665	
Miscellaneous Circuits		
Ringin, Battery, Auxiliary Signal, Grouping, Fuse and Power Alarms	536-490-600	
550SC		
<i>Installation</i>	536-500-210	
Manual Conference Circuit with Voice Repeater (SD-65719-01)	534-420-210	
<i>Manual Tests</i>		
Cord Circuits	534-430-520	
<i>Operation Tests</i>		
Central Office Trunks	536-490-665	
<i>Operation Tests Using PBX Cord   Circuit Test Set, J54703A</i>		
Cord Circuits	534-430-525	
<i>Preparation for Installing   Relay, Jack and Lamp Circuit Tests</i>	536-490-200	
Extension Lines	536-490-660	
<i>Tests and Inspections</i>		
Attendant Telephone and Dialing Circuit	534-405-665	
Miscellaneous Circuits		
Ringin, Battery, Auxiliary Signal, Grouping, Fuse and Power Alarms	536-490-600	
551		
<i>Installation</i>		
Plastic Bulletin Holders	534-500-201	
Plug Shelf Facing Caps	534-500-214	
<i>Overall Transmission Tests</i>		
Manual Conference Circuits with Voice Repeater (SD-65719-01)	534-420-511	
551-Type		
<i>General Description</i>		
Signal Cabinet for Touch Operation	536-490-110	
<i>Tests and Inspections at Time of   Installation</i>	536-490-230	
551A		
<i>Connections</i>		
Blind Attendant Equipment	536-510-400	
<i>In Service Tests</i>		
Manual PBX Access Line Circuit (SD-1E046-01)	534-565-512	
<i>Installation</i>	536-490-210	
Manual Conference Circuit with Voice Repeater (SD-65719-01)	534-420-210	

## PRIVATE BRANCH EXCHANGE (Cont)

551A (Cont)		
<i>Manual Tests</i>		
Cord Circuits	534-430-520	
<i>Operation Tests</i>		
Crash Alarm Circuits	480-139-500	
Central Office Trunks	536-490-665	
Trunk Circuits for Use with 508A PBX	534-565-665	
<i>Operation Tests Using PBX Cord   Circuit Test Set, J54703A</i>		
Cord Circuits	534-430-525	
<i>Preparation for Installing   Relay, Jack and Lamp Circuit Tests</i>	536-490-200	
Extension Lines	536-490-660	
<i>Tests and Inspections</i>		
Attendant Telephone and Dialing Circuit	534-405-665	
Miscellaneous Circuits		
Ringin, Battery, Auxiliary Signal, Grouping, Fuse and Power Alarms	536-490-600	
551B		
<i>In Service Tests</i>		
Manual PBX Access Line Circuit (SD-1E046-01)	534-565-512	
<i>Installation</i>	536-490-210	
Manual Conference Circuit with Voice Repeater (SD-65719-01)	534-420-210	
<i>Manual Tests</i>		
Cord Circuits	534-430-520	
<i>Operation Tests</i>		
Crash Alarm Circuits	480-139-500	
Central Office Trunks	536-490-665	
Trunk Circuits for Use with 508A PBX	534-565-665	
<i>Operation Tests Using PBX Cord   Circuit Test Set, J54703A</i>		
Cord Circuits	534-430-525	
<i>Preparation for Installing   Relay, Jack and Lamp Circuit Tests</i>	536-490-200	
Extension Lines	536-490-660	
<i>Tests and Inspections</i>		
Attendant Telephone and Dialing Circuit	534-405-665	
Miscellaneous Circuits		
Ringin, Battery, Auxiliary Signal, Grouping, Fuse and Power Alarms	536-490-600	
551D		
<i>Installation</i>		
Manual Conference Circuit with Voice Repeater (SD-65719-01)	534-420-210	
<i>Manual Tests</i>		
Cord Circuits	534-430-520	
<i>Operation Tests</i>		
Crash Alarm Circuits	480-139-500	
Central Office Trunks	536-490-665	
Trunk Circuits for Use with 508A PBX	534-565-665	
<i>Operation Tests Using PBX Cord   Circuit Test Set, J54703A</i>		
Cord Circuits	534-430-525	
<i>Relay, Jack and Lamp Circuit Tests</i>		
Extension Lines	536-490-660	

## PRIVATE BRANCH EXCHANGE (Cont)

551D (Cont)		
<i>Tests and Inspections</i>		
Attendant Telephone and Dialing Circuit	534-405-665	
Miscellaneous Circuits		
Ringing, Battery, Auxiliary Signal, Grouping, Fuse and Power Alarms	536-490-600	
552		
<i>Installation</i>		
Plastic Bulletin Holders	534-500-201	
Plug Shelf Facing Caps	534-500-214	
<i>Overall Transmission Tests</i>		
Manual Conference Circuits with Voice Repeater (SD-65719-01)	534-420-511	
552A		
<i>Connections</i>		
Blind Attendant Equipment	536-520-400	
<i>In Service Tests</i>		
Manual PBX Access Line Circuit (SD-1E046-01)	534-565-512	
<i>Installation</i>		
Manual Conference Circuit with Voice Repeater (SD-65719-01)	534-420-210	
<i>Jack and Lamp Circuit Tests</i>		
Intercepting Trunks	534-565-565	
<i>Jack Circuit Tests</i>		
Dial Extension Lines	534-555-530	
<i>Jack, Lamp and Register Circuit Tests</i>		
Attendant Trunks	534-565-500	
<i>Manual Tests</i>		
Cord Circuits	534-430-520	
<i>Operation Tests</i>		
Attendant Central Office Trunks	534-565-505	
Outgoing Tandem Trunks for Official PBX Service	534-565-620	
Trunk Circuits for Use with 508A PBX	534-565-665	
<i>Operation Tests Using PBX Cord Circuit Test Set, J54703A</i>		
Cord Circuits	534-430-525	
<i>Relay, Jack and Lamp Circuit Tests</i>		
Manual Extension Lines	534-555-600	
<i>Tests and Inspections</i>		
Attendant Telephone and Dialing Circuit	534-405-665	
Miscellaneous Circuits		
Ringing, Battery, Auxiliary Signal, Night Alarm and Fuse Alarm	536-520-600	
552B		
<i>Connections</i>		
Blind Attendant Equipment	536-520-400	
<i>General Description</i>	536-520-110	
<i>In Service Tests</i>		
Manual PBX Access Line Circuit (SD-1E046-01)	534-565-512	
<i>Installation</i>	536-490-210	
Manual Conference Circuit with Voice Repeater (SD-65719-01)	534-420-210	
<i>Manual Tests</i>		
Cord Circuits	534-430-520	

## PRIVATE BRANCH EXCHANGE (Cont)

552B (Cont)		
<i>Operation Tests</i>		
Outgoing Tandem Trunks for Official PBX Service	534-565-620	
Trunk Circuits for Use with 508A PBX	534-565-665	
<i>Operation Tests Using PBX Cord Circuit Test Set, J54703A</i>		
Cord Circuits	534-430-525	
<i>Preparation for Installing Tests and Inspections</i>	536-490-200	
Attendant Telephone and Dialing Circuit	534-405-665	
552D		
<i>Connections</i>		
Blind Attendant Equipment	536-520-400	
<i>In Service Tests</i>		
Manual PBX Access Line Circuit (SD-1E046-01)	534-565-512	
<i>Installation</i>		
Manual Conference Circuit with Voice Repeater (SD-65719-01)	534-420-210	
<i>Jack and Lamp Circuit Tests</i>		
Intercepting Trunks	534-565-565	
<i>Jack Circuit Tests</i>		
Dial Extension Lines	534-555-530	
<i>Jack, Lamp and Register Circuit Tests</i>		
Attendant Trunks	534-565-500	
<i>Manual Tests</i>		
Cord Circuits	534-430-520	
<i>Operation Tests</i>		
Attendant Central Office Trunks	534-565-505	
Outgoing Tandem Trunks for Official PBX Service	534-565-620	
Trunk Circuits for Use with 508A PBX	534-565-665	
<i>Operation Tests Using PBX Cord Circuit Test Set, J54703A</i>		
Cord Circuits	534-430-525	
<i>Relay, Jack and Lamp Circuit Tests</i>		
Manual Extension Lines	534-555-600	
<i>Tests and Inspections</i>		
Attendant Telephone and Dialing Circuit	534-405-665	
Miscellaneous Circuits		
Ringing, Battery, Auxiliary Signal, Night Alarm and Fuse Alarm	536-520-600	
552E		
<i>Connections</i>		
Blind Attendant Equipment	536-520-400	
<i>General Description</i>	536-520-110	
<i>In Service Tests</i>		
Manual PBX Access Line Circuit (SD-1E046-01)	534-565-512	
<i>Installation</i>		
Manual Conference Circuit with Voice Repeater (SD-65719-01)	534-420-210	
<i>Manual Tests</i>		
Cord Circuits	534-430-520	
<i>Operation Tests</i>		
Outgoing Tandem Trunks for Official PBX Service	534-565-620	

## PRIVATE BRANCH EXCHANGE (Cont)

552E (Cont)		
<i>Operation Tests (Cont)</i>		
Trunk Circuits for Use with 508A PBX	534-565-665	
<i>Operation Tests Using PBX Cord Circuit Test Set, J54703A</i>		
Cord Circuits	534-430-525	
<i>Tests and Inspections</i>		
Attendant Telephone and Dialing Circuit	534-405-665	
555		
<i>Connections</i>		
Blind Attendant Equipment	536-550-400	
Civil Disturbance Package Equipped for Autovon and Radio Circuits	536-551-212	
Specially Modified 555 PBX Equipped for Autovon and Radio Circuits	536-551-210	
<i>General Description</i>	536-550-110	
<i>Identification</i>		
Civil Disturbance Package Equipped for Autovon and Radio Circuits	536-551-212	
Specially Modified 555 PBX Equipped for Autovon and Radio Circuits	536-551-210	
<i>In Service Tests</i>		
Manual PBX Access Line Circuit (SD-1E046-01)	534-565-512	
<i>Installation</i>	536-550-210	
Civil Disturbance Package Equipped for Autovon and Radio Circuits	536-551-212	
Manual Conference Circuit with Voice Repeater (SD-65719-01)	534-420-210	
Plastic Bulletin Holders	534-500-201	
Specially Modified 555 PBX Equipped for Autovon and Radio Circuits	536-551-210	
<i>Manual Tests</i>		
Cord Circuits	536-490-525	
<i>Operation Tests</i>		
Central Office Trunks	536-490-665	
Ringdown and Automatic Tie Trunk Circuits	536-490-667	
Tie Trunk Circuits		
Incoming Manual or Dial Selected	536-490-666	
Outgoing Manual and Dial Repeating	536-490-666	
<i>Overall Transmission Tests</i>		
Manual Conference Circuits with Voice Repeater (SD-65719-01)	534-420-511	
<i>Preparation for Installing</i>	536-490-200	
<i>Relay, Jack and Lamp Circuit Tests</i>		
Extension Lines	536-490-660	
<i>Tests and Inspections</i>		
Attendant Telephone and Dial Circuits	536-490-507	
Miscellaneous Circuits		
Ringing, Battery, Auxiliary Signal, Grouping, Fuse and Power Alarms	536-490-600	

## PRIVATE BRANCH EXCHANGE (Cont)

555 (Cont)		
<i>Tests and Inspections at Time of Installation</i>		536-550-230
556		
<i>Installation</i>		
Plastic Bulletin Holders		534-500-201
556A		
<i>Connections</i>		
(Manual Auxiliary for 756A PBX)		536-560-210
Blind Attendant Equipment		536-560-400
<i>Identification</i>		
(Manual Auxiliary for 756A PBX)		536-560-210
<i>In Service Tests</i>		
Manual PBX Access Line Circuit (SD-1E046-01)		534-565-512
<i>Installation</i>		
(Manual Auxiliary for 756A PBX)		536-560-210
Manual Conference Circuit with Voice Repeater (SD-65719-01)		534-420-210
<i>Manual Tests</i>		
Cord Circuits		536-490-525
<i>Operation Tests</i>		
Central Office Trunks		536-490-665
Station Line Circuits		536-560-660
Trunk Circuits for Use with 508A PEX		534-565-665
<i>Overall Transmission Tests</i>		
Manual Conference Circuits with Voice Repeater (SD-65719-01)		534-420-511
<i>Preparation for Installing</i>		536-490-200
<i>Tests and Inspections</i>		
Attendant Telephone and Dial Circuits		536-490-507
Miscellaneous Circuits		
Ringing, Battery, Auxiliary Signal, Grouping, Fuse and Power Alarms		536-490-600
<i>Tests and Inspections at Time of Installation</i>		
(Manual Auxiliary for 756 PBX)		536-560-230
557A		
<i>Circuit Tests</i>		
Secretarial Answering Service		473-601-501
<i>Connections</i>		
Automatic Tie Trunk Unit (J59013J)		473-601-201
Card Dialer		473-601-201
Cord Unit (J59013E)		473-601-201
Jack Unit (J59013L for Manual Conference Circuit)		473-601-201
Secretarial Line Unit (J59023G)		473-601-201
Tie Trunk Unit (J59013H, L2)		473-601-201
<i>General Description</i>		981-530-100
<i>Identification</i>		
Automatic Tie Trunk Unit (J59013J)		473-601-201
Card Dialer		473-601-201
Cord Unit (J59013E)		473-601-201
Jack Unit (J59013L for Manual Conference Circuit)		473-601-201

## PRIVATE BRANCH EXCHANGE (Cont)

557A (Cont)

*Identification (Cont)*

Secretarial Line Unit  
(J59023G) 473-601-201  
Tie Trunk Unit (J59013H, L2) 473-601-201

*Installation*

Automatic Tie Trunk Unit  
(J59013J) 473-601-201  
Card Dialer 473-601-201  
Cord Unit (J59013E) 473-601-201  
Jack Unit (J59013L for Manual  
Conference Circuit) 473-601-201  
Secretarial Line Unit  
(J59023G) 473-601-201  
Tie Trunk Unit (J59013H, L2) 473-601-201

*Manual Tests*

Cord Circuits 536-490-525

*Operation Tests*

Central Office Trunks 536-490-665  
Ringdown and Automatic Tie  
Trunk Circuits 536-490-667  
Tie Trunk Circuits  
Incoming Manual or Dial  
Selected 536-490-666  
Outgoing Manual and Dial  
Repeating 536-490-666

*Overall Transmission Tests*

Manual Conference Circuits with  
Voice Repeater (SD-65719-01) 534-420-511

*Preparation for Installing*

Tests and Inspections 536-490-200

*Tests and Inspections*

Attendant Telephone and Dial  
Circuits 536-490-507  
Miscellaneous Circuits  
Ringing, Battery, Auxiliary  
Signal, Grouping, Fuse and  
Power Alarms 536-490-600

*Tests and Inspections at Time of*

*Installation* 473-601-210

557B

*Circuit Tests*

Secretarial Answering Service 473-602-501

*Connections*

Telephone Answering Service 473-602-201

*General Description*

Secretarial Answering Service 981-531-100

*Identification*

Telephone Answering Service 473-602-201

*Inspections*

Secretarial Answering Service 473-602-210

*Installation*

Switchboard Clock 473-602-201

Telephone Answering Service 473-602-201

*Preparation for Installing*

Tests 536-490-200

Secretarial Answering Service 473-602-210

558A

*Connections* 536-580-210

*General Descriptive Information*

981-558-100

*Identification* 536-580-210

*Inspection* 536-580-210

*Installation* 536-580-210

*Method of Operation* 536-580-210

*Tests* 536-580-210

## PRIVATE BRANCH EXCHANGE (Cont)

600

*Installation*

Plastic Bulletin Holders 534-500-201  
*Overall Transmission Tests*  
Manual Conference Circuits with  
Voice Repeater (SD-65719-01) 534-420-511

600C

*Manual Tests*

Cord Circuits 534-430-520

*Operation Tests*

Central Office Trunks 538-002-665

*Operation Tests Using PBX Cord*

*Circuit Test Set, J54703A*

Cord Circuits 534-430-525

*Relay, Jack and Lamp Circuit Tests*

Extension Lines 538-002-660

*Tests and Inspections*

Attendant Telephone and Dialing  
Circuit 534-405-665

*Miscellaneous Circuits*

Ringing, Battery, Auxiliary  
Signal, Night Alarm and Fuse  
Alarm 538-002-600

604C

*Operation Tests*

Crash Alarm Circuits 480-139-500

*Operation Tests Using PBX Cord*

*Circuit Test Set, J54703A*

Cord Circuits 534-430-525

605

*Installation*

Plastic Bulletin Holders 534-500-201

Plug Shelf Facing Caps 534-500-214

*Overall Transmission Tests*

Manual Conference Circuits with  
Voice Repeater (SD-65719-01) 534-420-511

605A

*General Description*

538-040-110

*In Service Tests*

Manual PBX Access Line Circuit  
(SD-1E046-01) 534-565-512

*Installation*

Manual Conference Circuit with  
Voice Repeater (SD-65719-01) 534-420-210

*Jack and Lamp Circuit Tests*

Intercepting Trunks 534-565-565

*Jack Circuit Tests*

Dial Extension Lines 534-555-530

*Jack, Lamp and Register Circuit*

*Tests* 534-565-500

*Attendant Trunks*

534-565-500

*Manual Tests*

Cord Circuits 534-430-520

*Operation Tests*

Command Conference Circuits 480-139-520

Crash Alarm Circuits 480-139-500

*Attendant Central Office*

Trunks 534-565-505

*Outgoing Tandem Trunks for*

Official PBX Service 534-565-620

*Trunk Circuits for Use with*

508A PBX 534-565-665

*Operation Tests Using PBX Cord*

*Circuit Test Set, J54703A*

Cord Circuits 534-430-525

## PRIVATE BRANCH EXCHANGE (Cont)

## 605A (Cont)

*Relay, Jack and Lamp Circuit Tests*

Extension Lines Convertible to Dial Line Circuit	538-040-660
Manual Extension Lines	534-555-600

*Tests and Inspections*

Attendant Telephone and Dialing Circuit	534-405-665
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*Miscellaneous Circuits*

Generator, Night Alarm, Fuse Alarm and Battery Cutoff	538-040-600
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## 606

*Installation*

Plastic Bulletin Holders	534-500-201
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*Overall Transmission Tests*

Manual Conference Circuits with Voice Repeater (SD-65719-01)	534-420-511
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## 606A

*Operation Tests*

Cord Circuits	538-060-523
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*Incoming, Outgoing, Two-Way*

Central Office and Local Trunks	538-050-665
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*Outgoing Tandem Trunks for*

Official PBX Service	534-565-620
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Station Line Circuits	538-060-660
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Tie Trunks	538-050-667
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*Trunks to Attendant Connectors*

Including Tests of Attendant Connectors	538-060-665
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*Tests and Inspections*

Attendant Telephone and Dialing Circuit	538-050-505
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Attendant Telephone and Dialing Circuit	538-060-505
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*Miscellaneous Circuits*

Position Grouping, Auxiliary Signal, Night Alarm, Peg Count and Supervisory Circuit	538-060-600
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## 606B

*Installation*

Manual Conference Circuit with Voice Repeater (SD-65719-01)	534-420-210
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*Operation Tests*

Cord Circuits	538-050-524
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Outgoing Tandem Trunks for Official PBX Service	534-565-620
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Station Line Circuits Manual and Dial	538-050-660
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Trunks to Attendant Connectors Including Tests of Attendant Connectors	538-060-665
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## 607

*Installation*

Plug Shelf Facing Caps	534-500-214
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*Overall Transmission Tests*

Manual Conference Circuits with Voice Repeater (SD-65719-01)	534-420-511
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## 607A

*General Description*

	981-560-100
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*In-Service Tests*

Manual PBX Access Line Circuit (SD-1E047-01)	538-070-526
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## PRIVATE BRANCH EXCHANGE (Cont)

## 607A (Cont)

*Installation*

Manual Conference Circuit with Voice Repeater (SD-65719-01)	534-420-210
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*Jack, Lamp and Register Circuit**Tests*

Attendant Trunks	534-565-500
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*Operation Tests*

Cord Circuits	538-050-524
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*Incoming, Outgoing, Two-Way*

Central Office and Local Trunks	538-050-665
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*Miscellaneous Circuits*

Position Grouping, Night Alarm, Peg Count, Service Assistant Telephone, Test Cord, Calling Signal and Lamp Battery Cutoff	538-070-600
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Outgoing Tandem Trunks for Official PBX Service	534-565-620
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Station Line Circuits Manual and Dial	538-050-660
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Tie Trunks	538-050-667
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*Tests and Inspections*

Attendant Telephone and Dialing Circuit	538-050-505
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## 607B

*General Description*

	981-560-100
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*In-Service Tests*

Manual PBX Access Line Circuit (SD-1E047-01)	538-070-526
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*Installation*

Manual Conference Circuit with Voice Repeater (SD-65719-01)	534-420-210
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*Jack, Lamp and Register Circuit**Tests*

Attendant Trunks	534-565-500
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*Operation Tests*

Cord Circuits	538-070-525
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*Incoming, Outgoing, Two-Way*

Central Office and Local Trunks	538-050-665
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*Miscellaneous Circuits*

Position Grouping, Night Alarm, Peg Count, Service Assistant Telephone, Test Cord, Calling Signal and Lamp Battery Cutoff	538-070-600
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Outgoing Tandem Trunks for Official PBX Service	534-565-620
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Station Line Circuits Manual and Dial	538-050-660
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Tie Trunks	538-050-667
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*Tests and Inspections*

Attendant Telephone and Dialing Circuit	538-070-505
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## 608-Type

*Connections*

Loudspeaker Paging Trunk (SD-66883-01)	534-565-100
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*Identification*

Loudspeaker Paging Trunk (SD-66883-01)	534-565-100
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## PRIVATE BRANCH EXCHANGE (Cont)

608-Type (Cont)	
Installation	
Loudspeaker Paging Trunk (SD-66883-01)	534-565-100
Tests and Inspections at Time of Installation	538-080-230
608-Type with Direct Trunk	
Termination	
Jack, Lamp, and Register Circuit Tests	
Attendant and Intercepting Trunks	538-080-665
Operation Tests	
Central Office and Tie Trunk	538-080-667
608A	
Connections	
Blind Attendant Equipment	538-080-400
Manual Auxiliary for 701PK PBX	538-080-212
Manual Nonmultiple	
Arranged for Plug-In House and Feeder Cables	538-080-210
General Description	981-561-100
Identification	
Manual Auxiliary for 701PK PBX	538-080-212
Manual Nonmultiple	
Arranged for Plug-In House and Feeder Cables	538-080-210
In Service Tests	
Manual PBX Access Line Circuit (SD-1E046-01)	534-565-512
Installation	
Manual Auxiliary for 701PK PBX	538-080-212
Manual Conference Circuit with Voice Repeater (SD-65719-01)	534-420-210
Manual Nonmultiple	
Arranged for Plug-In House and Feeder Cables	538-080-210
Manual Tests	
Cord Circuit (SD-66720-01)	538-080-523
Manual or Dial Auxiliary	538-080-523
Position Circuit (SD-66721-01)	538-080-523
Operation Tests	
Miscellaneous Circuits	
Battery Cutoff, Generator Supply, Auxiliary Signal, Alarms, Peg Count, and Page Key	538-080-600
Outgoing Tandem Trunks for Official PBX Service	534-565-620
Station Line Circuits	538-080-660
Operation Tests Using PBX Cord Circuit Test Set (SD-66484-01, J54703A)	
Cord Circuit (SD-66720-01)	538-080-524
Manual or Dial Auxiliary	538-080-524
Position Circuit (SD-66721-01)	538-080-524
Overall Transmission Tests	
Manual Conference Circuits with Voice Repeater (SD-65719-01)	534-420-511
608B	
In Service Tests	
Manual PBX Access Line Circuit (SD-1E046-01)	534-565-512

## PRIVATE BRANCH EXCHANGE (Cont)

608B (Cont)	
Operation Tests	
Miscellaneous Circuits	
Battery Cutoff, Generator Supply, Auxiliary Signal, Alarms, Peg Count, and Page Key	538-080-600
608D	
Connections	
Manual Auxiliary for 701B PBX	538-085-213
Manual Auxiliary for 701PK PBX	538-085-212
Blind Attendant Equipment	538-080-400
Manual Conference Connection Circuit (SD-65872-01) Using Conference Bridge Circuit with Transistorized Amplifier for Four or Six Simultaneous Connections (SD-96595-01)	538-080-211
Manual Nonmultiple	
Arranged for Plug-In Feeder Cables	538-085-210
Identification	
Manual Auxiliary for 701B PBX	538-085-213
Manual Auxiliary for 701PK PBX	538-085-212
Manual Conference Connection Circuit (SD-65872-01) Using Conference Bridge Circuit with Transistorized Amplifier for Four or Six Simultaneous Connections (SD-96595-01)	538-080-211
Manual Nonmultiple	
Arranged for Plug-In Feeder Cables	538-085-210
In Service Tests	
Manual PBX Access Line Circuit (SD-1E046-01)	534-565-512
Installation	
Manual Auxiliary for 701B PBX	538-085-213
Manual Auxiliary for 701PK PBX	538-085-212
Manual Conference Circuit with Voice Repeater (SD-65719-01)	534-420-210
Manual Conference Connection Circuit (SD-65872-01) Using Conference Bridge Circuit with Transistorized Amplifier for Four or Six Simultaneous Connections (SD-96595-01)	538-080-211
Manual Nonmultiple	
Arranged for Plug-In Feeder Cables	538-085-210
Manual Tests	
Cord Circuit and Position Circuit	538-085-523
Operation Tests	
Miscellaneous Circuits	
Alarms and Peg Count	538-085-600
Battery Cutoff, Generator Supply, Auxiliary Signal	538-085-600

## PRIVATE BRANCH EXCHANGE (Cont)

608D (Cont)	
<i>Operation Tests (Cont)</i>	
Outgoing Tandem Trunks for Official PBX Service	534-565-620
<i>Operation Tests Using PBX Cord Circuit Test Set (SD-66484-01, J54703A)</i>	
Cord Circuit (SD-67034-01)	538-085-524
Manual or Dial Auxiliary	538-085-524
Position Circuit (SD-67037-01)	538-085-524
<i>Operational Check</i>	
Manual Conference Connection Circuit (SD-65872-01) Using Conference Bridge Circuit with Transistorized Amplifier for Four or Six Simultaneous Connections (SD-96595-01)	538-080-211
700-Type	
<i>Operation Tests</i>	
Digit Restriction or Digit Odsorption	
Selector (Incoming First or Outgoing-SD-65950-01)	540-128-502
700-Type (Step-By-Step)	
<i>Trouble Locating Information</i>	PA540-010-300
700C	
<i>B Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)</i>	
Selectors	540-120-505
<i>B, C, and E Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)</i>	
Connectors and Selector-Connectors	540-143-507
<i>Continuity and Polarity Tests from Selector Levels</i>	
Trunks	540-169-501
<i>Correction of Pulsing Failures Using Pulsing Test Set (SD-31481-01, J34717A)</i>	
Selectors, Connectors, and Selector-Connectors	540-134-701
<i>Cut-In and Release Tests Using Dial Hand Test Set</i>	
Selectors, Connectors, and Selector-Connectors	540-134-501
<i>Manual Tests</i>	
Cord Circuits	534-430-520
<i>Method of Taking Out of Service Equipment and Circuits</i>	540-105-301
<i>Operation Tests</i>	
Attendant Trunk Circuit (SD-65793-01)	540-540-505
Dial Conference Circuit (SD-66461-01)	540-182-501
Incoming Trunk Circuit (SD-65792-01)	540-540-506
Intercepting, Tone, and Announcement Trunks	540-175-501
Outgoing Tandem Trunks for Official PBX Service	534-565-620
<i>Operation Tests from Selector Levels</i>	
Trunks and Tie Trunks	540-172-501

## PRIVATE BRANCH EXCHANGE (Cont)

700C (Cont)	
<i>Operation Tests Using PBX Cord Circuit Test Set, J54703A</i>	
Cord Circuits	534-430-525
<i>Pulsing Tests Using Pulsing Test Set (SD-31481-01, J34717A)</i>	
Connectors and Selector-Connectors	540-143-504
Selectors	540-120-503
<i>Rotary and C Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)</i>	
Selectors	540-120-507
<i>Rotary Test Using Dial Hand Test Set</i>	
Selectors and Selector-Connectors	540-140-503
<i>Rotary Test Using 40C Test Set Tests and Inspections</i>	540-140-505
Attendant Telephone and Dialing Circuit	534-405-665
700C (Dial Equipment)	
<i>Operation Test for Selector Levels</i>	
Trunks and Tie Lines	541-003-666
<i>Operation Tests</i>	
Connectors	541-003-520
Line Switches and Master Switches	541-003-591
700C (Manual Switchboard and Dial Equipment)	
<i>Operation Tests</i>	
Alarms	541-002-501
700C (Manual Switchboard)	
<i>Circuit Tests</i>	
Jack and Lamp	
Attendant Trunks	541-004-665
Intercepting Trunks	541-004-668
Relay Jack and Lamp	
Attendant Central Office Trunks	541-004-666
Manual Extension Lines	541-004-659
<i>Tests</i>	
Relay Jack and Lamp	
Combination Central Office Trunks	541-004-667
<i>Tests and Inspections</i>	
Generator, Battery, Auxiliary Signal, Night Alarm and Fuse Alarm	541-004-600
701-Type	
<i>Connections</i>	
Loudspeaker Paging Trunk (SD-66883-01)	534-565-100
<i>Identification</i>	
Loudspeaker Paging Trunk (SD-66883-01)	534-565-100
<i>Installation</i>	
Loudspeaker Paging Trunk (SD-66883-01)	534-565-100
701A	
<i>B Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)</i>	
Selectors	540-120-505



## PRIVATE BRANCH EXCHANGE (Cont)

## 701A (Cont)

<i>B, C, and E Relay Timing Tests</i>	
<i>Using Relay Timing Test Set</i>	
<i>(SD-90418-01, J94713A)</i>	
Connectors and	
Selector-Connectors	540-143-507
<i>Connection</i>	
Station Restriction Circuit	
(SD-5E012-01)	542-108-100
Station Restriction Control	
Circuit (SD-5E034-01)	542-108-100
<i>Continuity and Polarity Tests from</i>	
<i>Selector Levels</i>	
Trunks	540-169-501
<i>Correction of Pulsing Failures</i>	
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Selector-Connectors	540-134-701
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Selectors, Connectors, and	
Selector-Connectors	540-134-501
<i>General Description</i>	
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<i>Group and Chain Circuit Test and</i>	
<i>Make-Busy from Circuit Beyond</i>	
<i>Line Finders and 3-Wire Trunk</i>	
<i>Finders</i>	
540-117-503	
<i>Installation</i>	
Station Restriction Circuit	
(SD-5E012-01)	542-108-100
Station Restriction Control	
Circuit (SD-5E034-01)	542-108-100
<i>Method of Operation</i>	
<i>5-Type</i>	
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<i>6-Type</i>	
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<i>Method of Operation</i>	
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101-Type Key Equipment	540-107-300
<i>Method of Operation</i>	
Attendant Equipment	540-107-301
Key Telephone Set, 6-Button	540-107-301
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<i>Equipment and Circuits</i>	
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<i>Method of Tracing</i>	
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<i>Operation Test-Direct Station</i>	
<i>Selection Circuit (SD-66865-01)</i>	
<i>1-Type</i>	
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Continuous Test of Station	
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## PRIVATE BRANCH EXCHANGE (Cont)

## 701A (Cont)

<i>Operation Tests (Cont)</i>	
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Incoming Trunk Circuit	
(SD-65792-01)	540-540-506
Intercepting, Tone, and	
Announcement Trunks	540-175-501
Station Controlled Dial	
Conference Connecting Circuit	
(SD-66857-01)	540-511-510
Station Direct Station	
Selection Circuit	
(SD-66856-01)	540-113-501
Station Restriction Circuit	
(SD-5E012-01)	542-108-100
Station Restriction Control	
Circuit (SD-5E034-01)	542-108-100
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SD-5E028-01)	540-540-513
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<i>Levels</i>	
Trunks and Tie Trunks	540-172-501
<i>Operation Tests Using Test Set</i>	
<i>(SD-66073-01, J54701B)</i>	
Connectors	540-125-505
Line Finders and 3-Wire Trunk	
Finders	540-117-501
Selector-Connectors	540-128-503
Selectors	540-120-509
<i>Operation Tests Using Test Set</i>	
<i>(SD-90416-01, J94704A)</i>	
Connectors	540-125-507
Line Finders	540-115-501
Selectors	540-120-511
<i>Pulsing Tests Using Pulsing Test</i>	
<i>Set (SD-31481-01, J34717A)</i>	
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Selectors	540-120-503
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Selector-Connector	
(SD-65721-01)	540-128-501
<i>Rotary and C Relay Timing Tests</i>	
<i>Using Relay Timing Test Set</i>	
<i>(SD-90418-01, J94713A)</i>	
Selectors	540-120-507
<i>Rotary Test Using Dial Hand Test</i>	
<i>Set</i>	
Selectors and	
Selector-Connectors	540-140-503
<i>Rotary Test Using 40C Test Set</i>	
540-140-505	
<i>701B</i>	
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<i>Timing Test Set (SD-90418-01,</i>	
<i>J94713A)</i>	
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<i>B, C, and E Relay Timing Tests</i>	
<i>Using Relay Timing Test Set</i>	
<i>(SD-90418-01, J94713A)</i>	
Connectors and	
Selector-Connectors	540-143-507
<i>Connection</i>	
Station Restriction Circuit	
(SD-5E012-01)	542-108-100

## PRIVATE BRANCH EXCHANGE (Cont)

701B (Cont)

*Connection (Cont)*

Station Restriction Control  
Circuit (SD-5E034-01) 542-108-100

*Continuity and Polarity Tests from  
Selector Levels*  
Trunks 540-169-501

*Correction of Pulsing Failures  
Using Pulsing Test Set  
(SD-31481-01, J34717A)*  
Selectors, Connectors, and  
Selector-Connectors 540-134-701

*Cut-In and Release Tests Using Dial  
Hand Test Set*  
Selectors, Connectors, and  
Selector-Connectors 540-134-501  
*General Description* 981-610-100

Arranged for Operation with  
Telephone Consoles 981-610-101

*Group and Chain Circuit Test and  
Make-Busy from Circuit Beyond  
Line Finders and 3-Wire Trunk  
Finders* 540-117-503

*Installation*  
Station Restriction Circuit  
(SD-5E012-01) 542-108-100  
Station Restriction Control  
Circuit (SD-5E034-01) 542-108-100

*Method of Operation*  
Call Transfer-Individual  
5-Type 540-516-300  
6-Type Telephone Console 540-107-302

Telephone Console 540-107-302

*Method of Operation*  
Attendant Equipment 540-107-300  
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*Method of Operation*  
Attendant Equipment 540-107-301  
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*Method of Taking Out of Service  
Equipment and Circuits* 540-105-301

*Operation Test-Direct Station  
Selection Circuit (SD-66865-01)*  
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2-Type Telephone Console 542-011-501

*Operation Tests*  
Alarms 542-010-501

Attendant Controlled Dial  
Conference Connecting Circuit  
(SD-65897-01) 540-511-501

Attendant Trunk (SD-65815-01) 540-540-500  
Attendant Trunk Circuit  
(SD-65793-01) 540-540-505

Auxiliary Line Circuit  
(SD-65799-01) 540-188-501

Dial Conference Circuit  
(SD-66461-01) 540-182-501

Digit Counter Circuit 540-540-512  
Incoming Trunk (SD-65812-01) 540-540-501

Incoming Trunk Circuit  
(SD-65792-01) 540-540-506

## PRIVATE BRANCH EXCHANGE (Cont)

701B (Cont)

*Operation Tests (Cont)*

Intercepting, Tone, and  
Announcement Trunks 540-175-501  
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(SD-65898-01) 540-515-501

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(SD-65894-01) 540-514-501

Position Trunk (2-Way,  
SD-65818-01) 540-540-504

Power Failure Transfer Circuit  
Station Controlled Dial 542-010-503

Conference Connecting Circuit  
(SD-66857-01) 540-511-510

Station Direct Station  
Selection Circuit  
(SD-66856-01) 540-113-501

Station Message Register Pulse  
Circuit (SD-66915-01) 540-110-501

Station Message Register  
Surcharge Circuit

(SD-66922-01) 540-110-501

Station Restriction Circuit  
(SD-5E012-01) 542-108-100

Station Restriction Control  
Circuit (SD-5E034-01) 542-108-100

Trunk Circuit (2-Way,  
SD-5E005-01) 540-540-508

Trunk Circuit (2-Way,  
SD-5E028-01) 540-540-513

*Operation Tests from Selector  
Levels*  
Trunks and Tie Trunks 540-172-501

*Operation Tests Using Test Set  
(SD-66073-01, J54701B)*

Connectors 540-125-505

Line Finders and 3-Wire Trunk  
Finders 540-117-501

Selector-Connectors 540-128-503  
Selectors 540-120-509

*Operation Tests Using Test Set  
(SD-90416-01, J94704A)*

Connectors 540-125-507

Line Finders 540-115-501  
Selectors 540-120-511

*Pulsing Tests Using Pulsing Test  
Set (SD-31481-01, J34717A)*

Connectors and  
Selector-Connectors 540-143-504

Selectors 540-120-503

*Restricted Service Tests*  
Selector-Connector  
(SD-65721-01) 540-128-501

*Rotary and C Relay Timing Tests  
Using Relay Timing Test Set  
(SD-90418-01, J94713A)*

Selectors 540-120-507

*Rotary Test Using Dial Hand Test  
Set*

Selectors and  
Selector-Connectors 540-140-503

*Rotary Test Using 40C Test Set* 540-140-505

## PRIVATE BRANCH EXCHANGE (Cont)

701PK

<i>B Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)</i>	
Selectors	540-120-505
<i>B, C, and E Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)</i>	
Connectors and Selector-Connectors	540-143-507
<i>Connections</i>	
Basic and Supplementary Modules	542-015-203
Heavy Traffic Module	542-015-204
Incoming Selector and Dial Repeating Tie Trunk	542-015-205
<i>Continuity and Polarity Tests from Selector Levels</i>	
Trunks	540-169-501
<i>Correction of Pulsing Failures Using Pulsing Test Set (SD-31481-01, J34717A)</i>	
Selectors, Connectors, and Selector-Connectors	540-134-701
<i>Cut-In and Release Tests Using Dial Hand Test Set</i>	
Selectors, Connectors, and Selector-Connectors	540-134-501
<i>General Description</i>	981-611-100
<i>Group and Chain Circuit Test and Make-Busy from Circuit Beyond Line Finders and 3-Wire Trunk Finders</i>	540-117-503
<i>Identification</i>	
Switching Cabinets	542-015-201
<i>Installation</i>	
Switching Cabinets	542-015-201
<i>Method of Providing Service Options</i>	542-015-209
<i>Method of Taking Out of Service Equipment and Circuits</i>	540-105-301
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Alarms	542-015-501
Dial Conference Circuit (SD-66461-01)	540-182-501
Intercepting, Tone, and Announcement Trunks	540-175-501
Station Message Register Pulse Circuit (SD-66915-01)	540-110-501
Station Message Register Surcharge Circuit (SD-66922-01)	540-110-501
<i>Operation Tests from Selector Levels</i>	
Trunks and Tie Trunks	540-172-501
<i>Operation Tests Using Test Set (SD-66073-01, J54701B)</i>	
Connectors	540-125-505
Line Finders and 3-Wire Trunk Finders	540-117-501
Selectors	540-120-509
<i>Operation Tests Using Test Set (SD-90416-01, J94704A)</i>	
Connectors	540-125-507
Line Finders	540-115-501

## PRIVATE BRANCH EXCHANGE (Cont)

701PK (Cont)

<i>Operation Tests Using Test Set (Cont)</i>	
Selectors	540-120-511
<i>Pulsing Tests Using Pulsing Test Set (SD-31481-01, J34717A)</i>	
Connectors and Selector-Connectors	540-143-504
Selectors	540-120-503
<i>Rotary and C Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)</i>	
Selectors	540-120-507
<i>Rotary Test Using Dial Hand Test Set</i>	
Selectors and Selector-Connectors	540-140-503
<i>Rotary Test Using 40C Test Set Tests and Inspections at Time of Installation</i>	542-015-210
702A	
<i>B Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)</i>	
Selectors	540-120-505
<i>B, C, and E Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)</i>	
Connectors and Selector-Connectors	540-143-507
<i>Continuity and Polarity Tests from Selector Levels</i>	
Trunks	540-169-501
<i>Correction of Pulsing Failures Using Pulsing Test Set (SD-31481-01, J34717A)</i>	
Selectors, Connectors, and Selector-Connectors	540-134-701
<i>Cut-In and Release Tests Using Dial Hand Test Set</i>	
Selectors, Connectors, and Selector-Connectors	540-134-501
<i>Method of Taking Out of Service Equipment and Circuits</i>	540-105-301
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<i>Operation Tests</i>	
Alarms	543-020-500
Attendant Trunk Circuit (SD-65793-01)	540-540-505
Attendant 3-Wire Connectors (SD-66643-01 and SD-66644-01)	543-020-521
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Dial Conference Circuit (SD-66461-01)	540-182-501
Incoming Trunk Circuit (SD-65792-01)	540-540-506
Intercepting, Tone, and Announcement Trunks	540-175-501
Line Finders	543-020-590
<i>Operation Tests from Selector Levels</i>	
Trunks and Tie Lines	543-020-666
Trunks and Tie Trunks	540-172-501

## PRIVATE BRANCH EXCHANGE (Cont)

## 702A (Cont)

*Operation Tests using Test Set (SD-90210-01)*

Selectors and Connectors 543-020-655

*Operation Tests Using Test Set (SD-90416-01, J94704A)*

Connectors 540-125-507

Line Finders 540-115-501

Selectors 540-120-511

*Pulsing Tests Using Pulsing Test Set (SD-31481-01, J34717A)*

Connectors and

Selector-Connectors 540-143-504

Selectors 540-120-503

*Rotary and C Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)*

Selectors 540-120-507

*Rotary Test Using Dial Hand Test Set*

Selectors and

Selector-Connectors 540-140-503

*Rotary Test Using 40C Test Set* 540-140-505

## 710C

*B Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)*

Selectors 540-120-505

*B, C, and E Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)*

Connectors and

Selector-Connectors 540-143-507

*Continuity and Polarity Tests from Selector Levels*

Trunks 540-169-501

*Correction of Pulsing Failures Using Pulsing Test Set (SD-31481-01, J34717A)*

Selectors, Connectors, and

Selector-Connectors 540-134-701

*Cut-In and Release Tests Using Dial Hand Test Set*

Selectors, Connectors, and

Selector-Connectors 540-134-501

*Method of Taking Out of Service Equipment and Circuits*

540-105-301

*Operation Tests*

Dial Conference Circuit

(SD-66461-01) 540-182-501

*Operation Tests from Selector Levels*

Trunks and Tie Trunks 540-172-501

*Pulsing Tests Using Pulsing Test Set (SD-31481-01, J34717A)*

Connectors and

Selector-Connectors 540-143-504

Selectors 540-120-503

*Rotary and C Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)*

Selectors 540-120-507

## PRIVATE BRANCH EXCHANGE (Cont)

## 710C (Cont)

*Rotary Test Using Dial Hand Test (Cont) Set*

Selectors and

Selector-Connectors 540-140-503

*Rotary Test Using 40C Test Set* 540-140-505

## 710C (Dial Equipment)

*Operation Test for Selector Levels*

Trunks and Tie Lines 541-003-666

*Operation Tests*

Connectors 541-003-520

Line Switches and Master

Switches 541-003-591

## 710C (Manual Switchboard and Dial Equipment)

*Operation Tests*

Alarms 541-002-501

## 711-Type

*Connections*

Loudspeaker Paging Trunk

(SD-66883-01) 534-565-100

*Identification*

Loudspeaker Paging Trunk

(SD-66883-01) 534-565-100

*Installation*

Loudspeaker Paging Trunk

(SD-66883-01) 534-565-100

## 711A

*B Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)*

Selectors 540-120-505

*B, C, and E Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)*

Connectors and

Selector-Connectors 540-143-507

*Continuity and Polarity Tests from Selector Levels*

Trunks 540-169-501

*Correction of Pulsing Failures Using Pulsing Test Set (SD-31481-01, J34717A)*

Selectors, Connectors, and

Selector-Connectors 540-134-701

*Cut-In and Release Tests Using Dial Hand Test Set*

Selectors, Connectors, and

Selector-Connectors 540-134-501

*General Description*

Group and Chain Circuit Test and

Make-Busy from Circuit Beyond

Line Finders and 3-Wire Trunk

Finders 540-117-503

*Method of Taking Out of Service Equipment and Circuits*

540-105-301

*Method of Tracing*

Alarms 542-010-310

*Operation Tests*

Command Conference Circuits 480-139-520

Crash Alarm Circuits 480-139-500

Crash Alarm Circuits for

Continuous Test of Station

Lines 480-139-501

Alarms 542-010-500

## PRIVATE BRANCH EXCHANGE (Cont)

## 711A (Cont)

## Operation Tests (Cont)

Dial Conference Circuit  
(SD-66461-01) 540-182-501

Station Controlled Dial  
Conference Connecting Circuit  
(SD-66857-01) 540-511-510

Station Direct Station  
Selection Circuit  
(SD-66856-01) 540-113-501

Operation Tests from Selector  
Levels

Trunks and Tie Trunks 540-172-501

Operation Tests Using Test Set  
(SD-66073-01, J54701B)

Connectors 540-125-505

Line Finders and 3-Wire Trunk  
Finders 540-117-501

Selector-Connectors 540-128-503

Selectors 540-120-509

Operation Tests Using Test Set  
(SD-90416-01, J94704A)

Connectors 540-125-507

Line Finders 540-115-501

Selectors 540-120-511

Pulsing Tests Using Pulsing Test  
Set (SD-31481-01, J34717A)

Connectors and  
Selector-Connectors 540-143-504

Selectors 540-120-503

## Restricted Service Tests

Selector-Connector  
(SD-65721-01) 540-128-501

Rotary and C Relay Timing Tests  
Using Relay Timing Test Set

(SD-90418-01, J94713A)

Selectors 540-120-507

Rotary Test Using Dial Hand Test  
Set

Selectors and  
Selector-Connectors 540-140-503

Rotary Test Using 40C Test Set 540-140-505

## 711B

B Relay Timing Tests Using Relay  
Timing Test Set (SD-90418-01,  
J94713A)

Selectors 540-120-505

B, C, and E Relay Timing Tests  
Using Relay Timing Test Set

(SD-90418-01, J94713A)

Connectors and  
Selector-Connectors 540-143-507

Continuity and Polarity Tests from  
Selector Levels

Trunks 540-169-501

Correction of Pulsing Failures  
Using Pulsing Test Set

(SD-31481-01, J34717A)

Selectors, Connectors, and  
Selector-Connectors 540-134-701

Cut-In and Release Tests Using Dial  
Hand Test Set

Selectors, Connectors, and  
Selector-Connectors 540-134-501

General Description 981-610-100

## PRIVATE BRANCH EXCHANGE (Cont)

## 711B (Cont)

Group and Chain Circuit Test and  
Make-Busy from Circuit Beyond

Line Finders and 3-Wire Trunk  
Finders 540-117-503

Method of Taking Out of Service  
Equipment and Circuits

540-105-301

## Operation Tests

Alarms 542-010-501

Dial Conference Circuit  
(SD-66461-01) 540-182-501

Station Controlled Dial  
Conference Connecting Circuit  
(SD-66857-01) 540-511-510

Station Direct Station  
Selection Circuit  
(SD-66856-01) 540-113-501

Station Message Register Pulse  
Circuit (SD-66915-01) 540-110-501

Station Message Register  
Surcharge Circuit  
(SD-66922-01) 540-110-501

Operation Tests from Selector  
Levels

Trunks and Tie Trunks 540-172-501

Operation Tests Using Test Set  
(SD-66073-01, J54701B)

Connectors 540-125-505

Line Finders and 3-Wire Trunk  
Finders 540-117-501

Selector-Connectors 540-128-503

Selectors 540-120-509

Operation Tests Using Test Set  
(SD-90416-01, J94704A)

Connectors 540-125-507

Line Finders 540-115-501

Selectors 540-120-511

Pulsing Tests Using Pulsing Test  
Set (SD-31481-01, J34717A)

Connectors and  
Selector-Connectors 540-143-504

Selectors 540-120-503

## Restricted Service Tests

Selector-Connector  
(SD-65721-01) 540-128-501

Rotary and C Relay Timing Tests  
Using Relay Timing Test Set

(SD-90418-01, J94713A)

Selectors 540-120-507

Rotary Test Using Dial Hand Test  
Set

Selectors and  
Selector-Connectors 540-140-503

Rotary Test Using 40C Test Set 540-140-505

## 711PK

B Relay Timing Tests Using Relay  
Timing Test Set (SD-90418-01,  
J94713A)

Selectors 540-120-505

B, C, and E Relay Timing Tests  
Using Relay Timing Test Set

(SD-90418-01, J94713A)

Connectors and  
Selector-Connectors 540-143-507

## PRIVATE BRANCH EXCHANGE (Cont)

711PK (Cont)	
<i>Continuity and Polarity Tests from Selector Levels</i>	
Trunks	540-169-501
<i>Correction of Pulsing Failures Using Pulsing Test Set (SD-31481-01, J34717A)</i>	
Selectors, Connectors, and Selector-Connectors	540-134-701
<i>Cut-In and Release Tests Using Dial Hand Test Set</i>	
Selectors, Connectors, and Selector-Connectors	540-134-501
<i>Group and Chain Circuit Test and Make-Busy from Circuit Beyond Line Finders and 3-Wire Trunk Finders</i>	540-117-503
<i>Operation Tests</i>	
Dial Conference Circuit (SD-66461-01)	540-182-501
Station Message Register Pulse Circuit (SD-66915-01)	540-110-501
Station Message Register Surcharge Circuit (SD-66922-01)	540-110-501
<i>Operation Tests from Selector Levels</i>	
Trunks and Tie Trunks	540-172-501
<i>Operation Tests Using Test Set (SD-66073-01, J54701B)</i>	
Connectors	540-125-505
Line Finders and 3-Wire Trunk Finders	540-117-501
Selectors	540-120-509
<i>Operation Tests Using Test Set (SD-90416-01, J94704A)</i>	
Connectors	540-125-507
Selectors	540-120-511
<i>Pulsing Tests Using Pulsing Test Set (SD-31481-01, J34717A)</i>	
Connectors and Selector-Connectors	540-143-504
Selectors	540-120-503
<i>Rotary and C Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)</i>	
Selectors	540-120-507
<i>Rotary Test Using Dial Hand Test Set</i>	
Selectors and Selector-Connectors	540-140-503
<i>Rotary Test Using 40C Test Set</i>	540-140-505
740-Type	
<i>Connections</i>	
Loudspeaker Paging Trunk (SD-66883-01)	534-565-100
<i>Identification</i>	
Loudspeaker Paging Trunk (SD-66883-01)	534-565-100
<i>Installation</i>	
Loudspeaker Paging Trunk (SD-66883-01)	534-565-100

## PRIVATE BRANCH EXCHANGE (Cont)

740A	
<i>B, C, and E Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)</i>	
Connectors and Selector-Connectors	540-143-507
<i>Continuity and Polarity Tests from Selector Levels</i>	
Trunks	540-169-501
<i>Correction of Pulsing Failures Using Pulsing Test Set (SD-31481-01, J34717A)</i>	
Selectors, Connectors, and Selector-Connectors	540-134-701
<i>Cut-In and Release Tests Using Dial Hand Test Set</i>	
Selectors, Connectors, and Selector-Connectors	540-134-501
<i>General Description</i>	546-400-110
<i>Group and Chain Circuit Test and Make-Busy from Circuit Beyond Line Finders and 3-Wire Trunk Finders</i>	540-117-503
<i>Method of Taking Out of Service Equipment and Circuits</i>	540-105-301
<i>Method of Tracing Alarms</i>	546-400-310
<i>Operation Tests</i>	
Alarms	546-400-500
Central Office Trunks and Tie Trunks	546-400-665
Dial Conference Circuit (SD-66461-01)	540-182-501
<i>Operation Tests from Selector Levels</i>	
Trunks and Tie Trunks	540-172-501
<i>Operation Tests Using Dial Hand Test Set</i>	
Selector-Connectors	546-400-655
<i>Operation Tests Using Test Set (SD-66073-01, J54701B)</i>	
Line Finders and 3-Wire Trunk Finders	540-117-501
Selector-Connectors	540-128-503
<i>Operation Tests Using Test Set (SD-90416-01, J94704A)</i>	
Line Finders	540-115-501
<i>Pulsing Tests Using Pulsing Test Set (SD-31481-01, J34717A)</i>	
Connectors and Selector-Connectors	540-143-504
<i>Rotary Test Using Dial Hand Test Set</i>	
Selectors and Selector-Connectors	540-140-503
<i>Rotary Test Using 40C Test Set</i>	540-140-505
740AX	
<i>B, C, and E Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)</i>	
Connectors and Selector-Connectors	540-143-507
<i>Continuity and Polarity Tests from Selector Levels</i>	
Trunks	540-169-501

## PRIVATE BRANCH EXCHANGE (Cont)

## 740AX (Cont)

<i>Correction of Pulsing Failures Using Pulsing Test Set (SD-31481-01, J34717A)</i>	
Selectors, Connectors, and Selector-Connectors	540-134-701
<i>Cut-In and Release Tests Using Dial Hand Test Set</i>	
Selectors, Connectors, and Selector-Connectors	540-134-501
<i>Group and Chain Circuit Test and Make-Busy from Circuit Beyond</i>	
Line Finders and 3-Wire Trunk Finders	540-117-503
<i>Method of Taking Out of Service</i>	
Equipment and Circuits	540-105-301
<i>Method of Tracing</i>	
Alarms	546-400-310
<i>Operation Tests</i>	
Alarms	546-400-500
Central Office Trunks and Tie Trunks	546-400-666
<i>Operation Tests from Selector Levels</i>	
Trunks and Tie Trunks	540-172-501
<i>Operation Tests Using Dial Hand Test Set</i>	
Selector-Connectors	546-400-655
<i>Operation Tests Using Test Set (SD-66073-01, J54701B)</i>	
Line Finders and 3-Wire Trunk Finders	540-117-501
Selector-Connectors	540-128-503
<i>Operation Tests Using Test Set (SD-90416-01, J94704A)</i>	
Line Finders	540-115-501
<i>Pulsing Tests Using Pulsing Test Set (SD-31481-01, J34717A)</i>	
Connectors and Selector-Connectors	540-143-504
<i>Rotary Test Using Dial Hand Test Set</i>	
Selectors and Selector-Connectors	540-140-503
Rotary Test Using 40C Test Set	540-140-505

## 740B

<i>B, C, and E Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)</i>	
Connectors and Selector-Connectors	540-143-507
<i>Continuity and Polarity Tests from Selector Levels</i>	
Trunks	540-169-501
<i>Correction of Pulsing Failures Using Pulsing Test Set (SD-31481-01, J34717A)</i>	
Selectors, Connectors, and Selector-Connectors	540-134-701
<i>Cut-In and Release Tests Using Dial Hand Test Set</i>	
Selectors, Connectors, and Selector-Connectors	540-134-501
<i>General Description</i>	546-400-110

## PRIVATE BRANCH EXCHANGE (Cont)

## 740B (Cont)

<i>Group and Chain Circuit Test and Make-Busy from Circuit Beyond</i>	
Line Finders and 3-Wire Trunk Finders	540-117-503
<i>Method of Taking Out of Service</i>	
Equipment and Circuits	540-105-301
<i>Method of Tracing</i>	
Alarms	546-400-310
<i>Operation Tests</i>	
Alarms	546-400-500
Central Office Trunks and Tie Trunks	546-400-666
Dial Conference Circuit (SD-66461-01)	540-182-501
<i>Operation Tests from Selector Levels</i>	
Trunks and Tie Trunks	540-172-501
<i>Operation Tests Using Dial Hand Test Set</i>	
Selector-Connectors	546-400-655
<i>Operation Tests Using Test Set (SD-66073-01, J54701B)</i>	
Line Finders and 3-Wire Trunk Finders	540-117-501
Selector-Connectors	540-128-503
<i>Operation Tests Using Test Set (SD-90416-01, J94704A)</i>	
Line Finders	540-115-501
<i>Pulsing Tests Using Pulsing Test Set (SD-31481-01, J34717A)</i>	
Connectors and Selector-Connectors	540-143-504
<i>Rotary Test Using Dial Hand Test Set</i>	
Selectors and Selector-Connectors	540-140-503
Rotary Test Using 40C Test Set	540-140-505

## 740C

<i>B, C, and E Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)</i>	
Connectors and Selector-Connectors	540-143-507
<i>Continuity and Polarity Tests from Selector Levels</i>	
Trunks	540-169-501
<i>Correction of Pulsing Failures Using Pulsing Test Set (SD-31481-01, J34717A)</i>	
Selectors, Connectors, and Selector-Connectors	540-134-701
<i>Cut-In and Release Tests Using Dial Hand Test Set</i>	
Selectors, Connectors, and Selector-Connectors	540-134-501
<i>General Description</i>	546-400-111
<i>Group and Chain Circuit Test and Make-Busy from Circuit Beyond</i>	
Line Finders and 3-Wire Trunk Finders	540-117-503
<i>Method of Taking Out of Service</i>	
Equipment and Circuits	540-105-301
<i>Method of Tracing</i>	
Alarms	546-400-310

## PRIVATE BRANCH EXCHANGE (Cont)

## 740C (Cont)

## Operation Tests

Alarms 546-400-500

Central Office Trunks and Tie Trunks 546-400-665

## Operation Tests from Selector

## Levels

Trunks and Tie Trunks 540-172-501

## Operation Tests Using Dial Hand

## Test Set

Selector-Connectors 546-400-655

## Operation Tests Using Test Set

(SD-66073-01, J54701B)

Line Finders and 3-Wire Trunk Finders 540-117-501

Selector-Connectors 540-128-503

## Operation Tests Using Test Set

(SD-90416-01, J94704A)

Line Finders 540-115-501

## Pulsing Tests Using Pulsing Test

Set (SD-31481-01, J34717A)

Connectors and Selector-Connectors 540-143-504

## Rotary Test Using Dial Hand Test Set

Selectors and Selector-Connectors 540-140-503

## Rotary Test Using 40C Test Set

## 740E

## B Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)

Selectors 540-120-505

## B, C, and E Relay Timing Tests

## Using Relay Timing Test Set

(SD-90418-01, J94713A)

Connectors and Selector-Connectors 540-143-507

## Continuity and Polarity Tests from Selector Levels

Trunks 540-169-501

## Correction of Pulsing Failures

## Using Pulsing Test Set

(SD-31481-01, J34717A)

Selectors, Connectors, and Selector-Connectors 540-134-701

## Cut-In and Release Tests Using Dial Hand Test Set

Selectors, Connectors, and Selector-Connectors 540-134-501

## Group and Chain Circuit Test and Make-Busy from Circuit Beyond

Line Finders and 3-Wire Trunk

Finders 540-117-503

## Method of Operation

## 5-Type

Telephone Console 540-107-302

## 6-Type

Telephone Console 540-107-302

## Method of Operation

Attendant Equipment 540-107-300

101-Type Key Equipment 540-107-300

Attendant Equipment 540-107-301

Key Telephone Set, 6-Button 540-107-301

## PRIVATE BRANCH EXCHANGE (Cont)

## 740E (Cont)

## Method of Taking Out of Service

Equipment and Circuits 540-105-301

## Method of Tracing

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Alarms 546-404-501

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Dial Conference Circuit (SD-66461-01) 540-182-501

Intercepting, Tone, and Announcement Trunks 540-175-501

Station Direct Station Selection Circuit (SD-66856-01) 540-113-501

Station Message Register Pulse Circuit (SD-66915-01) 540-110-501

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## Operation Tests from Selector

## Levels

Trunks and Tie Trunks 540-172-501

## Operation Tests Using Test Set

(SD-66073-01, J54701B)

Connectors 540-125-505

Line Finders and 3-Wire Trunk Finders 540-117-501

Selector-Connectors 540-128-503

Selectors 540-120-509

## Pulsing Tests Using Pulsing Test

Set (SD-31481-01, J34717A)

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Selectors 540-120-503

## Restricted Service Tests

Selector-Connector (SD-65721-01) 540-128-501

## Rotary and C Relay Timing Tests

## Using Relay Timing Test Set

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Selectors 540-120-507

## Rotary Test Using Dial Hand Test

## Set

Selectors and Selector-Connectors 540-140-503

## Rotary Test Using 40C Test Set

## 750A

General Description 548-500-110

Installation 548-500-210

Method of Taking Equipment and Circuits Out of Service 548-500-320

## Method of Tracing

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## Operation Tests

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## PRIVATE BRANCH EXCHANGE (Cont)

755A		
General Description	550-550-110	
Installation	550-550-210	
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Link and Link Allotter		
Circuits	550-550-590	
Trunks	550-550-665	
Tests and Inspections at Time of		
Installation	550-550-230	
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Circuit Tests		
Alarm and Transfer Circuit	551-153-501	
Alarm Marker	551-155-501	
Dial Pulse Register Circuit	551-168-501	
Line, Link, and Marker Circuit	551-170-501	
Remote Scanner and Encoder		
Traffic Measurement System		
No. 1A	551-174-501	
Tie Trunk (SD-65755-01)	551-194-501	
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608A Switchboard	538-081-215	
608D Switchboard	538-085-215	
Apparatus Attendant Modular		
Station 700-Type	551-124-210	
Conference Equipment	551-135-210	
Direct Station Selection by		
Stations	551-104-210	
External Traffic Register		
Cabinet	551-137-210	
Inward Restriction		
(SD-5E003-01)	551-111-210	
Link Access TOUCH-TONE*		
Calling		
Link Circuit (SD-5E071-01)	534-366-212	
Message Waiting Service	551-110-210	
Remote Scanner and Encoder		
Traffic Measurement System		
No. 1A	551-174-210	
Station Dial Transfer Trunk		
Circuit	551-131-210	
Station Message Register Pulse		
and Surcharge Circuit		
(SD-5E021-01)	551-139-210	
Switchboard		
608A	551-103-212	
608D	551-103-212	
TOUCH-TONE* Calling Equipment	551-107-210	
1565GK(MD)		
Key Telephone Set	551-129-211	
22-Type		
Telephone Console	551-115-210	
2565GK		
Key Telephone Set	551-129-211	
3-Type		
Telephone Console	551-115-210	
32-Type		
Telephone Console	551-117-210	
4-Type		
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Key Telephone Set	551-129-210	
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Key Telephone Set	551-129-211	
General Descriptive Information	981-660-100	

## PRIVATE BRANCH EXCHANGE (Cont)

756A (Cont)		
Identification		
608A Switchboard	538-081-215	
608D Switchboard	538-085-215	
Conference Equipment	551-135-210	
Direct Station Selection by		
Stations	551-104-210	
External Traffic Register		
Cabinet	551-137-210	
Inward Restriction		
(SD-5E003-01)	551-111-210	
Link Access TOUCH-TONE*		
Calling		
Link Circuit (SD-5E071-01)	534-366-212	
Station Dial Transfer Trunk		
Circuit	551-131-210	
Station Message Register Pulse		
and Surcharge Circuit		
(SD-5E021-01)	551-139-210	
Switching Cabinets	551-100-210	
TOUCH-TONE* Calling Equipment	551-107-210	
Installation		
608A Switchboard	538-081-215	
608D Switchboard	538-085-215	
Conference Equipment	551-135-210	
Direct Station Selection by		
Stations	551-104-210	
External Traffic Register		
Cabinet	551-137-210	
Inward Restriction		
(SD-5E003-01)	551-111-210	
Link Access TOUCH-TONE*		
Calling		
Link Circuit (SD-5E071-01)	534-366-212	
Station Dial Transfer Trunk		
Circuit	551-131-210	
Station Message Register Pulse		
and Surcharge Circuit		
(SD-5E021-01)	551-139-210	
Switching Cabinets	551-100-210	
TOP	OP551-100-100	
TOUCH-TONE* Calling Equipment	551-107-210	
1565GK(MD)		
Key Telephone Set	551-129-211	
2565GK		
Key Telephone Set	551-129-211	
565GBR		
Key Telephone Set	551-129-210	
565GK		
Key Telephone Set	551-129-211	
Installation Information		
Miscellaneous Equipment	551-144-210	
Method of Connecting to		
Cross-Connecting Terminal		
Cables—House and Feeder from		
Modules 1 and 2	551-100-212	
Cables—Supplementary House and		
Feeder		
Direct Station Selection By		
Attendant and Single-Digit		
Dialing	551-103-210	
556A Switchboard	551-103-211	
Method of Connecting to PRX		
Crown, House and Feeder, and		
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## PRIVATE BRANCH EXCHANGE (Cont)

756A (Cont)

## Method of Operation

Attendant Equipment	
Key Telephone Set, 6-Button	551-160-310
700- or 701-Type Modular Station Unit	551-160-301
Test Facilities and Test Calls	551-150-209
22-Type	
Telephone Console	551-160-302
3-Type	
Telephone Console	551-160-302
32-Type	
Telephone Console	551-160-302
4-Type	
Telephone Console	551-160-302

## Method of Providing

Service Options	551-147-210
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## Operation and Transmission Test

Attendant Controlled Type (SD-66908-01)	
Dial Conference Trunk Circuit	551-178-501

## Operation Tests

Attendant Trunks	551-182-501
Auxiliary Position Circuit for Remote Trunk Answering (SD-66910-01)	551-166-501
Busy Tone Trunk	551-185-501
Central Office Trunk (2-Way)	551-188-501
Juncture Circuit	551-173-501
Link Access TOUCH-TONE* Calling	
Link Circuit (SD-5E071-01)	534-366-212
Loudspeaker Paging Trunk	551-191-501
Meet-Me-Type (SD-65745-01)	
Dial Conference Circuit	551-176-501
Station Controlled Dial Conference Trunk Circuit	551-177-501
Station Dial Transfer Controller Circuit (SD-66909-01) and Transfer Trunks (SD-66921-01)	551-175-501
Station Message Register Pulse and Surcharge Circuit (SD-5E021-01)	551-180-501
Tie Trunk (SD-65756-01)	551-195-501
Traffic and Trouble Registers	551-179-501

## Repair

TOP	551-100-101
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## Test

TOP	551-100-100
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## Tests and Inspection at Time of

Installation	551-150-210
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## Trouble Locating Information

	PA551-010-301
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757A

## Circuit Tests

Remote Scanner and Encoder Traffic Measurement System No. 1A	551-274-501
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## Connections

608A Switchboard	551-231-211
608D Switchboard	538-081-215
Automatic Number Identification Circuit (SD-1E007-01)	538-085-215
	551-236-210

## PRIVATE BRANCH EXCHANGE (Cont)

757A (Cont)

## Connections (Cont)

Auxiliary Incoming Trunk Circuit (SD-66896-01)	551-234-212
Auxiliary Position Circuit (SD-66874-01) (Non-Plug-In Arrangement)	551-234-211
Auxiliary Position Circuit (SD-66874-01) (Plug-In Arrangement)	551-234-215
Common Control Switching Arrangement	551-234-218
Conference Equipment	551-235-210
Console Selector 1-Type	
Direct Station Selection	551-224-210
Direct Station Selection by Stations	551-230-210
Equipment Required to Provide Call Transfer-Individual (Controller Unit Mounted in Auxiliary Cabinet)	551-231-210
External Traffic Register Cabinet (J58857, SD-5E010-01)	551-237-210
Fully Restricted Station Feature	551-244-201
Incoming Call Identification and Trunk Group Busy Lamp Feature	551-234-216
Link Access TOUCH-TONE* Calling	
Link Circuit (SD-5E071-01)	534-366-212
Loudspeaker Paging Trunk (SD-66762-01)	551-234-214
Manual Switchboard Arrangement	551-228-210
Message Waiting Service	551-234-213
Remote Scanner and Encoder Traffic Measurement System No. 1A	551-274-210
Station Message Register Pulse Circuit (SD-66894-01)	551-233-210
TOUCH-TONE* Calling Equipment	551-232-210
Trunks and Feature Unit	551-234-210
23-Type	
Telephone Console	551-210-210
43-Type	
Telephone Console	551-210-210
53-Type	
Telephone Console	551-210-210
Connections (Direct Trunk Termination)	
1-Type	
Telephone Console	551-216-210
2-Type	
Telephone Console	551-216-210
Connections (Switched Loop Operation)	
1-Type	
Telephone Console	551-216-215
2-Type	
Telephone Console	551-216-215
General Descriptive Information	981-662-100
General Maintenance Procedures	
Automatic Number Identification Circuit (SD-1E007-01)	551-258-300
Identification	551-231-211

## PRIVATE BRANCH EXCHANGE (Cont)

## 757A (Cont)

## Identification (Cont)

608A Switchboard	538-081-215
608D Switchboard	538-085-215
Automatic Number Identification Circuit (SD-1E007-01)	551-236-210
Auxiliary Incoming Trunk Circuit (SD-66896-01)	551-234-212
Auxiliary Position Circuit (SD-66874-01) (Non-Plug-In Arrangement)	551-234-211
Auxiliary Position Circuit (SD-66874-01) (Plug-In Arrangement)	551-234-215
Common Control Switching Arrangement	551-234-218
Conference Equipment	551-235-210
Direct Station Selection by Stations	551-230-210
Equipment Required to Provide Call Transfer-Individual (Controller Unit Mounted in Auxiliary Cabinet)	551-231-210
External Traffic Register Cabinet (J58857, SD-5E010-01)	551-237-210
Fully Restricted Station Feature	551-244-201
Incoming Call Identification and Trunk Group Busy Lamp Feature	551-234-216
Link Access TOUCH-TONE* Calling Link Circuit (SD-5E071-01)	534-366-212
Loudspeaker Paging Trunk (SD-66762-01)	551-234-214
Manual Switchboard Arrangement	551-228-210
Station Message Register Pulse Circuit (SD-66894-01)	551-233-210
Switching Cabinets	551-200-210
TOUCH-TONE* Calling Equipment	551-232-210
Trunks and Feature Unit	551-234-210

## Installation

608A Switchboard	538-081-215
608D Switchboard	538-085-215
Automatic Number Identification Circuit (SD-1E007-01)	551-236-210
Auxiliary Incoming Trunk Circuit (SD-66896-01)	551-234-212
Auxiliary Position Circuit (SD-66874-01) (Non-Plug-In Arrangement)	551-234-211
Auxiliary Position Circuit (SD-66874-01) (Plug-In Arrangement)	551-234-215
Common Control Switching Arrangement	551-234-218
Conference Equipment	551-235-210
Direct Station Selection by Stations	551-230-210
Equipment Required to Provide Call Transfer-Individual (Controller Unit Mounted in Auxiliary Cabinet)	551-231-210
External Traffic Register Cabinet (J58857, SD-5E010-01)	551-237-210

## PRIVATE BRANCH EXCHANGE (Cont)

## 757A (Cont)

## Installation (Cont)

Fully Restricted Station Feature	551-244-201
Incoming Call Identification and Trunk Group Busy Lamp Feature	551-234-216
Link Access TOUCH-TONE* Calling Link Circuit (SD-5E071-01)	534-366-212
Loudspeaker Paging Trunk (SD-66762-01)	551-234-214
Manual Switchboard Arrangement	551-228-210
Station Message Register Pulse Circuit (SD-66894-01)	551-233-210
Switching Cabinets	551-200-210
TOUCH-TONE* Calling Equipment	551-232-210
Trunks and Feature Unit	551-234-210
<i>Manual Verification Procedures</i>	
Automatic Number Identification Circuit (SD-1E007-01)	551-258-305
<i>Method of Connecting Cabinet 0 to Switching Cabinets</i>	
House and Feeder Cables	551-201-210
<i>Method of Connecting Consoles to Cross-Connecting Terminals (Direct Trunk Termination)</i>	551-216-220
<i>Method of Connecting PBX to Cross Connecting Terminal (Direct Trunk Termination)</i>	
House and Feeder Cables	
Multiple Attendant Telephone Consoles	551-206-225
Selector Consoles, 1-Type	551-206-225
<i>Method of Connecting PBX to Cross-Connecting Terminal</i>	
House and Feeder Cables	
Attendant DSS Position	551-206-230
Attendant Telephone Console (Position No. 1 Direct Trunk Termination)	551-206-215
Station Line Circuits	551-206-200
<i>Method of Connecting PBX to External Cross-Connecting Terminal</i>	
House and Feeder Cables	
Central Office and Miscellaneous Trunks	551-206-205
Emergency Transfer and Alarm Leads	551-206-205
<i>Method of Connecting to Cross-Connecting Terminal</i>	
House and Feeder Cables	
Attendant Telephone Console (1-3 Switched Loop Termination)	551-206-220
<i>Method of Connecting to PBX</i>	
Crown Cables	551-203-210
<i>Method of Operation</i>	
Call Progress Indicator	551-272-301
<i>Method of Operation (Direct Trunk Termination)</i>	
1-Type	
Telephone Console (Single)	551-260-301
2-Type	
Telephone Console (Single)	551-260-301

## PRIVATE BRANCH EXCHANGE (Cont)

757A (Cont)

*Method of Operation (Direct Trunk (Cont))*

## 23-Type

Telephone Console  
(Multiple) 551-260-303

## 43-Type

Telephone Console  
(Multiple) 551-260-303

## 53-Type

Telephone Console  
(Multiple) 551-260-303

*Method of Operation (Switched Loop Operation)*

## 1-Type

Telephone Console 551-260-302

## 2-Type

Telephone Console 551-260-302

*Method of Providing*

Service Options 551-242-210

*Operation and Transmission Tests*

Dial Conference Trunk  
Circuit 551-275-502

Attendant Controlled Dial  
Conference Trunk Circuit  
(SD-66881-01) 551-275-503

Meet-Me-Type (SD-66761-01)  
Dial Conference Trunk  
Circuit 551-275-501

*Operation Tests*

Direct Inward-2 Dialing  
Trunk (SD-5E046-01 or  
SD-5E047-01) 551-290-502

Alarm, Transfer, and Traffic  
Register Circuits  
(SD-66734-01) 551-253-501

Alarms and Registers 551-258-501

Automatic Number Identification  
Circuit (SD-1E007-01) 551-258-501

Auxiliary Position Circuit  
(SD-66874-01) (A&M) 551-281-501

Auxiliary Tie Trunk Circuit  
(SD-66765-01) 551-294-501

Auxiliary Trunk Circuits  
(SD-66896-01 for E and M Lead  
Signaling) 551-295-501

Busy Tone Trunk 551-285-501

Call Progress Indicator 551-272-501

Central Office Trunk (2-Way) 551-293-501

Central Office Trunks Outgoing 551-293-501

Crossbar Offices  
Direct Inward Dialing  
Trunk (SD-66741-01 and  
SD-1E004-01) 551-290-501

Direct Station Selection  
Circuit 551-265-501

Executive Trunk Circuit  
(SD-1E000-01 with Ringback and  
Camp-On Tone Signal) 551-277-501

Incoming Call Identification  
and Trunk Group Busy Circuit  
Tests

Attendant Link, Loop, and  
Controller Circuit  
(SD-66737-01) 551-263-501

## PRIVATE BRANCH EXCHANGE (Cont)

757A (Cont)

*Operation Tests (Cont)*

Incoming Dial Pulse Register  
(SD-66739-01) 551-267-501

Incoming Register Link Circuit  
Juncture Circuit 551-273-501

Line, Link, and Marker Circuit  
(SD-66733-01) 551-270-501

Link Access TOUCH-TONE®  
Calling  
Link Circuit (SD-5E071-01) 534-366-212

Loudspeaker Paging Trunk 551-276-501

Marker Alarms 551-255-501

Message Register Circuit  
(SD-65852-01) 551-252-501

Originating Registers 551-268-501

Outgoing Trunk (to Toll  
Operator) 551-292-501

Ringdown Tie Trunk 551-296-501

Station Dial Transfer  
Controller Circuit

(SD-66753-01) and Transfer  
Trunk Circuit (SD-66752-01) 551-279-501

Station Message Register Pulse  
Circuit (SD-66894-01) 551-252-501

Station Restriction Circuit  
(SD-5E015-01) 551-280-501

Station Restriction Control  
Circuit (SD-5E034-01) 551-280-501

Step-By-Step Offices  
Direct Inward Dialing Trunk  
(SD-66740-01 and  
SD-1E003-01) 551-291-501

Two-Way Trunk Circuit  
(SD-5E041-01) 551-287-501

608-Type  
Switchboard Circuits 551-297-501

*Station Controlled Type  
(SD-66880-01)*

Dial Conference Trunk  
Circuit 551-275-502

*Tests and Inspections at Time of  
Installation* 551-245-201

*Trouble Locating Information* PA551-010-300

*Trouble Locating Procedures Using  
Test Set (SD-1E056-01, J58853J) and  
716C Test Receiver*

Automatic Number Identification  
Circuit (SD-1E007-01) 551-258-302

*Trouble Locating Procedures Using  
Test Set (SD-1E056-01, J58853J) and  
Tektronix Oscilloscope Model 221T  
(Type 453)*

Automatic Number Identification  
Circuit (SD-1E007-01) 551-258-303

*Verification Procedures Using Test  
Set J58853J (SD-1E056-01)*

Automatic Number Identification  
Circuit (SD-1E007-01) 551-258-304

758A

*Circuit Tests*

Auxiliary Trunk Circuit  
(SD-67075-01) 551-415-500

Dial Pulse Register Circuit 551-458-501

Marker Circuit (SD-65912-01) 551-454-501

## PRIVATE BRANCH EXCHANGE (Cont)

758A (Cont)

<i>General Description</i>	981-665-100
<i>Method of Operation</i>	
Console Circuit (SD-65925-01)	551-411-300
<i>Operation Tests</i>	
Alarms	551-410-500
Flutter-Flash Lamp Signal Supply Circuit (SD-67076-01)	551-416-500
Interrupter Circuit (SD-65923-01)	551-464-501
Line Pickup Circuit (SD-65916-01)	551-414-500
Link and Select Magnet Connector Circuit (SD-65913-01)	551-456-501
Traffic and Trouble Registers	551-466-501

758B

<i>Circuit Tests</i>	
Dial Pulse Register Circuit	551-458-501
Marker Circuit (SD-65912-01)	551-454-501
<i>General Description</i>	981-666-100
<i>Operation Tests</i>	
Alarms	551-424-501
Busy-Tone Trunk (SD-65919-01)	551-442-501
Dial Line Circuit (E and M Lead Signaling SD-66797-01)	551-430-501
Interrupter Circuit (SD-65923-01)	551-464-501
Link and Select Magnet Connector Circuit (SD-65913-01)	551-456-501
Timing Circuit (SD-67015-01)	551-438-501
TOUCH-TONE* Trunk Finder (SD-67020-01)	551-434-501
Traffic and Trouble Registers	551-466-501
<i>Operation Tests—Using Converter Test Circuit J58839N (SD-67017-01)</i>	
Dial Pulse Converter Circuit (SD-67016-01)	551-436-501
TOUCH-TONE* Receiver (SD-98148-01)	551-436-501

758C

(SD-67049-01, J58845M)	
Register-Sender (SD-67045-01)	551-518-500
Register-Sender (SD-67077-01)	551-518-500
<i>Circuit Tests</i>	
Auxiliary Trunk Circuit (SD-67075-01)	551-542-500
<i>Description</i>	
Switching System	981-664-100
<i>Marker Trouble Indication Record Decoder</i>	551-512-301
<i>Method of Operation</i>	
Call Progress Indicator	551-512-300
Console Circuit (SD-65925-01)	551-511-300
<i>Operation Test</i>	
Announcement Trunk Circuit (SD-67093-01)	551-527-500
Tone Trunk Circuit (SD-67052-01)	551-549-500
<i>Operation Tests</i>	
Call Progress Indicator (SD-67058-01)	551-512-500

## PRIVATE BRANCH EXCHANGE (Cont)

758C (Cont)

<i>Operation Tests (Cont)</i>	
Decoder Circuit (SD-67044-01)	
Using Register-Sender Test Set (SD-67049-01, J58845M) and Call Progress Indicator (SD-67058-01)	551-524-500
Decoder-Marker Connector Circuit (SD-67046-01)	551-520-500
Flutter-Flash Lamp Signal Supply Circuit (SD-67076-01)	551-531-500
Incoming Trunk Circuit (SD-67042-01)	551-537-500
Interrupter, 1000-Cycle-Supply, and Distributing Circuit (SD-67069-01)	551-528-500
Line Pickup Circuit (SD-65916-01)	551-534-500
Link and Connector Circuit (SD-67041-01)	551-522-500
Link and Connector Circuit (SD-67109-01)	551-522-500
Marker Circuit (SD-67043-01)	551-524-500
No-Test Connector Trunk Circuit (SD-67064-01)	551-548-500
Outgoing Dial Trunk Circuit (SD-67051-01)	551-541-500
Plant and Traffic Register Circuit (SD-67069-01)	551-530-500
Precedence Circuit (SD-67100-01)	551-526-500
Preemption and Continuity Test Trunk (SD-67054-01)	551-540-500
TOUCH-TONE* Test Circuit (SD-67083-01)	551-550-500
<i>Operation Tests Using Register-Sender Test Set</i>	
Register-Sender (SD-67045-01)	551-518-500
Register-Sender (SD-67077-01)	551-518-500
Register-Sender (SD-67090-01)	551-518-502
<i>Permanent Signal Feature Test Station Line Circuit 4-Wire (SD-67053-01)</i>	551-533-500
<i>Preemption Signaling Circuit Test Using Preempt-Precedence Test Set (SD-69550-01, J53042A)</i>	
Secure Voice AUTOVON Trunk Circuit (SD-67085-01)	551-551-500
<i>Tests</i>	
Tie Trunk Circuit 2-Way 4-Wire (SD-67050-01)	551-545-500
758C (Arranged for Wide Band Secure Voice Operation)	
<i>Method of Operation</i>	
F-58011	
Telephone Console	551-511-301
2B-Type	
Telephone Console	551-511-301
<i>Operation Tests</i>	
Station Line Circuit 4-Wire (SD-67067-01, SD-67067-02, SD-67087-01, SD-67095-01)	551-533-501
Tie Trunk Circuit 2-Way (SD-67068-01)	551-546-500

## PRIVATE BRANCH EXCHANGE (Cont)

761-Type	
<i>Trouble Locating Information</i>	PA551-010-302
761A	
<i>Circuit Tests</i>	
Alarm and Transfer Circuit	551-710-501
<i>Connections</i>	
Attendant and Station	
Equipment	551-702-210
Switching Cabinets	551-700-210
<i>General Description</i>	981-668-100
<i>Identification</i>	
Attendant and Station	
Equipment	551-702-210
Switching Cabinets	551-700-210
<i>Installation</i>	
Attendant and Station	
Equipment	551-702-210
Switching Cabinets	551-700-210
<i>Method of Operation</i>	
Attendant and Station	
Equipment	551-716-301
<i>Tests and Inspections at Time of</i>	
<i>Installation</i>	551-709-201
761B	
<i>Connections</i>	
Attendant and Station	
Equipment	551-722-210
Console Attendant, Call,	
Answer, and Switching with	
Rotary Dial	551-722-210
Switching Cabinets	551-720-210
500Y	
Telephone Set	551-722-210
500YR	
Telephone Set	551-722-210
<i>General Description</i>	981-669-100
<i>Identification</i>	
Attendant and Station	
Equipment	551-722-210
Console Attendant, Call,	
Answer, and Switching with	
Rotary Dial	551-722-210
Switching Cabinets	551-720-210
500Y	
Telephone Set	551-722-210
500YR	
Telephone Set	551-722-210
<i>Installation</i>	
Attendant and Station	
Equipment	551-722-210
Console Attendant, Call,	
Answer, and Switching with	
Rotary Dial	551-722-210
Switching Cabinets	551-720-210
500Y	
Telephone Set	551-722-210
500YR	
Telephone Set	551-722-210
<i>Method of Operation</i>	
Attendant and Station	
Equipment	551-736-301
<i>Method of Providing</i>	
Service Options	551-728-210

## PRIVATE BRANCH EXCHANGE (Cont)

761B (Cont)	
<i>Operation Tests</i>	
Alarm and Emergency Transfer	
Circuits	551-730-501
<i>Tests and Inspections at Time of</i>	
<i>Installation</i>	551-729-201
770A	
<i>Connections</i>	
Centralized Attendant Service	551-770-205
Features, Trunks, and	
Miscellaneous Equipment	551-770-203
Link Access TOUCH-TONE®	
Calling	
Link Circuit (SD-5E071-01)	534-366-212
Switching Cabinets	551-770-200
Traffic Usage Measurement	
System	551-770-504
<i>General Description</i>	981-680-100
<i>Identification</i>	
Features, Trunks, and	
Miscellaneous Equipment	551-770-203
Link Access TOUCH-TONE®	
Calling	
Link Circuit (SD-5E071-01)	534-366-212
<i>Installation</i>	
Centralized Attendant Service	551-770-205
Features, Trunks, and	
Miscellaneous Equipment	551-770-203
Link Access TOUCH-TONE®	
Calling	
Link Circuit (SD-5E071-01)	534-366-212
Switching Cabinets	551-770-200
<i>Installation Tests</i>	
Centralized Attendant Service	551-770-205
<i>Method of Operation</i>	
Attendant and Station Equipment	
With Direct Trunk Termination	551-770-301
Attendant and Station	
Equipment—Switched Loop	551-770-302
AUTOVON Option	551-770-304
Centralized Attendant Service	551-770-205
Test Facilities and Test Calls	551-770-303
<i>Method of Providing</i>	
Service Options	551-770-201
<i>Operation Tests</i>	
Alarms and Power Failure	
Transfer Circuits	551-770-500
ANI Alarm and Message	
Registers	
Automatic Number	
Identification (ANI) Circuit	
(SD-1E505-01)	534-600-501
Attendant Common Circuits	551-770-503
Common Circuits	551-770-501
Link Access TOUCH-TONE®	
Calling	
Link Circuit (SD-5E071-01)	534-366-212
Trunk Circuits	551-770-502
<i>Tests</i>	
Traffic Usage Measurement	
System	551-770-504
<i>Tests and Inspections at Time of</i>	
<i>Installation</i>	
Switching Cabinets	551-770-200
<i>Trouble Locating Information</i>	551-770-310

## PRIVATE BRANCH EXCHANGE (Cont)

## 770A (Cont)

*Trouble Locating Information Using Test Set J59204AJ*

Automatic Number Identification (ANI) Circuit (SD-1E505-01) 534-600-301

*Trouble-Locating Procedures*

Centralized Attendant Service 551-770-205

*Verification Procedures*

ANI Alarm and Message

## Registers

Automatic Number Identification (ANI) Circuit (SD-1E505-01) 534-600-501

## 800A

*Connections*

608A Switchboard 538-081-215

608D Switchboard 538-085-215

Associated Equipment 553-105-201

Auxiliary Cabinet, J58849C 553-105-201

Consoles 553-100-210

Interface Trunk Circuit

J58824CD (SD-66926-01) 553-105-213

Link Access TOUCH-TONE\*

Calling

Link Circuit (SD-5E071-01) 534-366-212

Loudspeaker Paging Trunk

(SD-65747-01) 553-105-214

Switching Cabinets 553-100-210

TOUCH-TONE\* Calling Equipment 553-105-216

14-Type

Telephone Console 553-103-210

15-Type

Telephone Console 553-103-210

16-Type

Telephone Console 553-103-210

*General Description**Identification*

608A Switchboard 538-081-215

608D Switchboard 538-085-215

Associated Equipment 553-105-201

Auxiliary Cabinet, J58849C 553-105-201

Consoles 553-100-210

Interface Trunk Circuit

J58824CD (SD-66926-01) 553-105-213

Link Access TOUCH-TONE\*

Calling

Link Circuit (SD-5E071-01) 534-366-212

Loudspeaker Paging Trunk

(SD-65747-01) 553-105-214

Switching Cabinets 553-100-210

Test Set System Status

Indicator (KS-21194) 553-010-301

TOUCH-TONE\* Calling Equipment 553-105-216

*Installation*

608A Switchboard 538-081-215

608D Switchboard 538-085-215

Associated Equipment 553-105-201

Auxiliary Cabinet, J58849C 553-105-201

Interface Trunk Circuit

J58824CD (SD-66926-01) 553-105-213

Link Access TOUCH-TONE\*

Calling

Link Circuit (SD-5E071-01) 534-366-212

Loudspeaker Paging Trunk

(SD-65747-01) 553-105-214

## PRIVATE BRANCH EXCHANGE (Cont)

## 800A (Cont)

*Installation (Cont)*

TOUCH-TONE\* Calling Equipment 553-105-216

*Installation Tests*

Consoles 553-100-210

Switching Cabinets 553-100-210

*Method of Operation*

Telephone Station Set 553-118-300

Test Facilities and Test Calls 553-122-300

## 14-Type

Telephone Console 553-118-300

## 15-Type

Telephone Console 553-118-300

## 16-Type

Telephone Console 553-118-300

*Method of Providing Service*

Options 553-110-210

*Operation*

Test Set System Status

Indicator (KS-21194) 553-010-301

*Operation Tests*

Alarms and Peg Count Circuit 553-116-501

Common Control and Line Circuit

(SD-1E011-01) 553-124-501

Link Access TOUCH-TONE\*

Calling

Link Circuit (SD-5E071-01) 534-366-212

Register Circuit (SD-1E012-01) 553-124-501

Switching Network and Network

Control Circuit (SD-1E010-01) 553-124-501

Rearrangement 553-102-205

System Growth 553-102-205

*Tests*

Associated Equipment 553-105-201

Auxiliary Cabinet, J58849C 553-105-201

Test Set System Status

Indicator (KS-21194) 553-010-301

Trouble Locating Procedures 553-123-300

## 800A (Customer Package)

*Connections*

Consoles 553-100-211

Switching Cabinets 553-100-211

*Identification*

Consoles 553-100-211

Switching Cabinets 553-100-211

*Installation*

Consoles 553-100-211

Switching Cabinets 553-100-211

*Installation Tests*

Consoles 553-100-211

Switching Cabinets 553-100-211

## 800A (Electronic-Type)

*Installation*

Pulsing Tests 553-010-310

Requirements Using Pulse

Signaling Test Set TTS-26B 553-010-310

Test Trunk Circuit 553-010-310

*Maintenance*

Pulsing Tests 553-010-310

Requirements Using Pulse

Signaling Test Set TTS-26B 553-010-310

Test Trunk Circuit 553-010-310

## 801A

*Connections*

Auxiliary Equipment 553-201-200

553-201-202

## PRIVATE BRANCH EXCHANGE (Cont)

## 801A (Cont)

## Connections (Cont)

## Link Access TOUCH-TONE\*

## Calling

Link Circuit (SD-5E071-01) 534-366-212

TOUCH-TONE\* Calling Equipment 553-201-201

General Descriptive Information 981-706-100

## Identification

Auxiliary Equipment 553-201-202

## Link Access TOUCH-TONE\*

## Calling

Link Circuit (SD-5E071-01) 534-366-212

## Test Set System Status

Indicator (KS-21194) 553-010-301

TOUCH-TONE\* Calling Equipment 553-201-201

Installation 553-201-200

## Auxiliary Equipment

Link Access TOUCH-TONE\* 553-201-202

## Calling

Link Circuit (SD-5E071-01) 534-366-212

TOUCH-TONE\* Calling Equipment 553-201-201

Installation Tests 553-201-200

## Method of Operation

## Attendant and Station

Equipment 553-201-300

## Operation

## Test Set System Status

Indicator (KS-21194) 553-010-301

## Operation Tests

## ANI Alarm and Message

## Registers

## Automatic Number

Identification (ANI) Circuit  
(SD-1E505-01) 534-600-501

## Link Access TOUCH-TONE\* Calling

Link Circuit (SD-5E071-01) 534-366-212

## Loudspeaker Paging Trunk

Circuit (SD-65747-01) 553-201-501

Tie Trunk (SD-65755-01) 553-201-500

## Preinstallation Information

## Equipped with Quick Connect

Type Service Connect Field 553-201-100

## Equipped with Wire-Wrap Type

Service Connect Field 553-201-101

Service Options 553-201-200

## System Growth and Rearrangement

## Tests

## Test Set System Status

Indicator (KS-21194) 553-010-301

## Trouble Locating Information Using

## Test Set J59204AJ

Automatic Number Identification  
(ANI) Circuit (SD-1E505-01) 534-600-301

Trouble Locating Procedures 553-201-301

## Verification Procedures

## ANI Alarm and Message

## Registers

## Automatic Number

Identification (ANI) Circuit  
(SD-1E505-01) 534-600-501

## 801A (Electronic-Type)

## Installation

Pulsing Tests 553-010-310

## Requirements Using Pulse

Signaling Test Set TTS-26B 553-010-310

## PRIVATE BRANCH EXCHANGE (Cont)

## 801A (Electronic-Type) (Cont)

## Installation (Cont)

Test Trunk Circuit 553-010-310

## Maintenance

Pulsing Tests 553-010-310

## Requirements Using Pulse

Signaling Test Set TTS-26B 553-010-310

Test Trunk Circuit 553-010-310

## 805A

## Connections

Auxiliary Equipment 553-205-200

## General Descriptive Information

981-709-100

## Identification

Auxiliary Equipment 553-205-200

## Installation

Auxiliary Equipment 553-205-200

## Installation Tests

553-205-202

## Method of Operation

Attendant and Station  
Equipment 553-205-300

Test Facilities and Test Calls 553-205-301

## Service Options

553-205-200

## Trouble Locating Procedures

553-205-302

## 812A

## Connections

Centralized Attendant Service  
(CAS) 553-212-204

Feature Units 553-212-201

## Link Access TOUCH-TONE\*

## Calling

Link Circuit (SD-5E071-01) 534-366-212

## Nonplug-In Miscellaneous

Feature Equipment 553-212-203

Plug-In Type Trunk 553-212-201

TOUCH-TONE\* Calling Equipment 553-212-202

## General Descriptive Information

981-712-100

## Identification

## Centralized Attendant Service

(CAS) 553-212-204

Feature Units 553-212-201

## Link Access TOUCH-TONE\*

## Calling

Link Circuit (SD-5E071-01) 534-366-212

## Nonplug-In Miscellaneous

Feature Equipment 553-212-203

Plug-In Type Trunk 553-212-201

TOUCH-TONE\* Calling Equipment 553-212-202

## Initial Lineup

AUTOVON Access Lines 480-801-500

## Installation

Centralized Attendant Service  
(CAS) 553-212-204

Feature Units 553-212-201

## Link Access TOUCH-TONE\*

## Calling

Link Circuit (SD-5E071-01) 534-366-212

## Nonplug-In Miscellaneous

Feature Equipment 553-212-203

Plug-In Type Trunk 553-212-201

TOUCH-TONE\* Calling Equipment 553-212-202

## Installation Tests

Centralized Attendant Service  
(CAS) 553-212-204Nonplug-In Miscellaneous  
Feature Equipment 553-212-203



**PRIVATE BRANCH EXCHANGE (Cont)**

## 812A (Cont)

*Installation Tests (Cont)*

TOUCH-TONE® Calling Equipment 553-212-202

*Maintenance*

AUTOVON Access Lines 480-801-500

*Method of Operation*AUTOVON Attendant Console  
(155A6E-03L) 480-801-300Centralized Attendant Service  
(CAS) 553-212-204

Test Facilities and Test Calls 553-212-301

*Operation Tests*

Alarms 553-212-500

ANI Alarm and Message

*Registers*Automatic Number  
Identification (ANI) Circuit  
(SD-1E505-01) 534-600-501

Emergency Transfer 553-212-500

Link Access TOUCH-TONE® Calling  
Link Circuit (SD-5E071-01) 534-366-212Loudspeaker Paging Trunk  
Circuit (SD-65747-01) 553-212-501Outputs to Traffic Measurement  
System No. 1A 553-212-500

Test Circuits 553-212-500

*Preinstallation Information*

Service Options 553-212-100

*Service Options*Nonplug-In Miscellaneous  
Feature Equipment 553-212-203

TOUCH-TONE® Calling Equipment 553-212-202

*Trouble Locating Information Using*Test Set J59204AJ  
Automatic Number Identification  
(ANI) Circuit (SD-1E505-01) 534-600-301*Trouble Locating Procedures*Centralized Attendant Service  
(CAS) 553-212-204*Verification Procedures*

ANI Alarm and Message

*Registers*Automatic Number  
Identification (ANI) Circuit  
(SD-1E505-01) 534-600-501

## 850A

*Method of Operation*

Test Facilities 553-800-301

**PRIVATE BRANCH EXCHANGE B**

## 812A

*Method of Operation*Attendant and Station  
Equipment 553-212-300**PRIVATE BRANCH EXCHANGE, 520-TYPE—SEE****EMERGENCY REPORTING SYSTEM****PRIVATE LINE AUXILIARY CIRCUIT****(POWERED FROM CO)**

## 4-Wire

*Connections**Identification**Tests*  
SD-69902-01 480-010-100**PRIVATE LINE TELEPHONE SERVICE***Connections*SS-1 Selective Signaling  
System 480-621-200**PRIVATE LINE TELEPHONE SERVICE (Cont)***Connections (Cont)*SS-1A Selective Signaling  
System 480-622-200SS-3 (TOUCH-TONE® Service)  
Selective Signaling System 480-625-210SS-4 Selective Signaling  
System 480-623-001

## 2-Digit TOUCH-TONE® Set to Dial

Pulse Conversion Equipment  
SS-1 Selective Signaling  
System 480-621-202SS-1A Selective Signaling  
System 480-621-202*Detailed Tests**Decoder and Keyer*SS-1 Selective Signaling  
System 480-621-502SS-1A Selective Signaling  
System 480-622-502

## 2-Digit TOUCH-TONE® Set to Dial

Pulse Conversion Equipment  
SS-1 Selective Signaling  
System 480-621-503SS-1A Selective Signaling  
System 480-621-503*General Description*SS-1 Selective Signaling  
System 982-325-100SS-1A Selective Signaling  
System 982-326-100*General Descriptive Information*SS-4 Selective Signaling  
System 982-329-100*Identification*SS-1 Selective Signaling  
System 480-621-200SS-1A Selective Signaling  
System 480-622-200SS-3 (TOUCH-TONE® Service)  
Selective Signaling System 480-625-210SS-4 Selective Signaling  
System 480-623-001

## 2-Digit TOUCH-TONE® Set to Dial

Pulse Conversion Equipment  
SS-1 Selective Signaling  
System 480-621-202SS-1A Selective Signaling  
System 480-621-202*Installation*SS-1 Selective Signaling  
System 480-621-200SS-1A Selective Signaling  
System 480-622-200SS-3 (TOUCH-TONE® Service)  
Selective Signaling System 480-625-210SS-4 Selective Signaling  
System 480-623-001

## 2-Digit TOUCH-TONE® Set to Dial

Pulse Conversion Equipment  
SS-1 Selective Signaling  
System 480-621-202SS-1A Selective Signaling  
System 480-621-202

## PRIVATE LINE TELEPHONE SERVICE (Cont)

## Maintenance

SS-3 (TOUCH-TONE® Service) Selective Signaling System	480-625-210
SS-4 Selective Signaling System	480-623-002

## Operational Sketches

SS-1 Selective Signaling System	480-621-500
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## Operational Tests

SS-3 (TOUCH-TONE® Service) Selective Signaling System	480-625-210
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## Overall Tests

SS-1 Selective Signaling System	480-621-501
SS-1A Selective Signaling System	480-622-501

## Sequence Charts

SS-1 Selective Signaling System	480-621-500
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## Service Options

SS-1 Selective Signaling System	480-621-200
SS-1A Selective Signaling System	480-622-200

## PRIVATE LINE TERMINATING CIRCUIT

## 4-Wire

## Connections

SD-1G297-01	480-617-100
SD-69449-01	480-616-100
SD-69566-01	480-615-100

## General Description

SD-69566-01	981-249-100
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## Identification

SD-1G297-01	480-617-100
SD-69449-01	480-616-100
SD-69566-01	480-615-100

## Installation

SD-1G297-01	480-617-100
SD-69449-01	480-616-100
SD-69566-01	480-615-100

## Line-Up Procedure

SD-69566-01	480-615-100
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## PRIVATE LINE TERMINATION

## Connections

## Identification

Station Arrangement for 2- and 4-Wire No. 5 Crossbar Central Office Lines	480-610-100
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## PROBE; TEST—SEE TEST PROBE

## PROGRAM PACKAGE; X-RAY—SEE X-RAY

## PROGRAM PACKAGE

## PROGRESS CIRCUIT; CALL—SEE CALL

## PROGRESS CIRCUIT

## PROGRESS INDICATOR (SD-67058-01);

CALL—SEE CALL PROGRESS INDICATOR  
(SD-67058-01)

## PROGRESS INDICATOR; CALL—SEE CALL

## PROGRESS INDICATOR

## PROTECTION AND GROUNDS; STATION—SEE

## STATION PROTECTION AND GROUNDS

## PROTECTION OF SERVICE

## Adjustment

Intra-PBX (SD-1E031-01)	473-105-501
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## Circuit Tests

Intra-PBX (SD-1E031-01)	473-105-501
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## PROTECTION OF SERVICE (Cont)

## Connections

Intra-PBX (SD-1E031-01)	473-105-201
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## Identification

Intra-PBX (SD-1E031-01)	473-105-201
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## Installation

Intra-PBX (SD-1E031-01)	473-105-201
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## PROTECTION; MECHANICAL—SEE MECHANICAL

## PROTECTION

## PROTECTIVE CONNECTING ARRANGEMENT

## Interconnecting Unit

## Identification

## Installation

## Maintenance

## Operation

C2F (Using 120-type IU)	IA463-341-101
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STP (Using 120-type IU)	IA463-341-101
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## PEX Tie Trunk Interconnecting

## Arrangement

## Connections

## Identification

## Installation

## Maintenance

## Operation

CDQ2W (2-Way Dial Repeating)	IB463-360-101
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CDQ2X (2-Way Dial Repeating)	IB463-360-101
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## Protective Connecting Arrangement

## Connections

AD1 (Using 23A Coupler)	463-340-105
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CBF	IB463-350-104
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CBF (Connecting Arrangement)	IB463-350-106
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CDH (For 2-way Ground Start CO Trunks)	IB463-350-104
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CDQ4W (2-Way Dial Repeating)	IB463-360-100
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CDQ4X (2-Way Dial Repeating)	IB463-360-100
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CD7 (1-way Outgoing Manual Service)	IB463-350-106
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CD8 (1-way Outgoing Automatic Service)	IB463-350-106
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CD9 (2-way Loop Manual Service)	IB463-350-106
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CED (Using 101A IU)	IB463-350-107
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C1V (Using 18D KTU)	IB463-382-100
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C2ACP	IA463-341-100
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C2H	IB463-370-101
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C22 (Using 112A IU)	IB463-350-109
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C24	IB463-370-101
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FTM (34A Voice Coupler)	IA463-341-103
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GC2 (Using 15D KTU)	IB463-382-100
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HZM	IB463-382-102
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RCX (Using 117A IU)	IB463-382-100
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RDMZR (Using KS-20721 Station Coupler)	IA463-340-101
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RDY (Using KS-20721 Station Coupler)	IA463-340-101
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STS (Using KS-20721 Station Coupler)	IA463-340-102
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SUT	463-331-106
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SU6AQ (Using KS-20721 Station Coupler)	IA463-340-102
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SU7QW (Using KS-20721 Voice Coupler)	IA463-340-104
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TAS	463-350-110
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## Identification

AD1 (Using 23A Coupler)	463-340-105
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CBF	IB463-350-104
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**PROTECTIVE CONNECTING ARRANGEMENT (Cont)**

## Protective Connecting Arrangement (Cont)

*Identification (Cont)*

CBF (Connecting Arrangement)	IB463-350-106
CDH (For 2-way Ground Start CO Trunks)	IB463-350-104
CDQ4W (2-Way Dial Repeating)	IB463-360-100
CDQ4X (2-Way Dial Repeating)	IB463-360-100
CD7 (1-way Outgoing Manual Service)	IB463-350-106
CD8 (1-way Outgoing Automatic Service)	IB463-350-106
CD9 (2-way Loop Manual Service)	IB463-350-106
CED (Using 101A IU)	IB463-350-107
C1V (Using 18D KTU)	IB463-382-100
C2ACP	IA463-341-100
C2H	IB463-370-101
C22 (Using 112A IU)	IB463-350-109
C24	IB463-370-101
FTM (34A Voice Coupler)	IA463-341-103
GC2 (Using 15D KTU)	IB463-382-100
HZM	IB463-382-102
RCX (Using 117A IU)	IB463-382-100
RDMZR (Using KS-20721 Station Coupler)	IA463-340-101
RDY (Using KS-20721 Station Coupler)	IA463-340-101
STS (Using KS-20721 Station Coupler)	IA463-340-102
SUT	463-331-106
SU6AQ (Using KS-20721 Station Coupler)	IA463-340-102
SU7QW (Using KS-20721 Voice Coupler)	IA463-340-104
TAS	463-350-110

*Installation*

AD1 (Using 23A Coupler)	463-340-105
CBF	IB463-350-104
CBF (Connecting Arrangement)	IB463-350-106
CDH (For 2-way Ground Start CO Trunks)	IB463-350-104
CDQ4W (2-Way Dial Repeating)	IB463-360-100
CDQ4X (2-Way Dial Repeating)	IB463-360-100
CD7 (1-way Outgoing Manual Service)	IB463-350-106
CD8 (1-way Outgoing Automatic Service)	IB463-350-106
CD9 (2-way Loop Manual Service)	IB463-350-106
CED (Using 101A IU)	IB463-350-107
C1V (Using 18D KTU)	IB463-382-100
C2ACP	IA463-341-100
C2H	IB463-370-101
C22 (Using 112A IU)	IB463-350-109
C24	IB463-370-101
FTM (34A Voice Coupler)	IA463-341-103
GC2 (Using 15D KTU)	IB463-382-100
HZM	IB463-382-102
RCX (Using 117A IU)	IB463-382-100
RDMZR (Using KS-20721 Station Coupler)	IA463-340-101
RDY (Using KS-20721 Station Coupler)	IA463-340-101
STS (Using KS-20721 Station Coupler)	IA463-340-102

**PROTECTIVE CONNECTING ARRANGEMENT (Cont)**

## Protective Connecting Arrangement (Cont)

*Installation (Cont)*

SUT	463-331-106
SU6AQ (Using KS-20721 Station Coupler)	IA463-340-102
SU7QW (Using KS-20721 Voice Coupler)	IA463-340-104
TAS	463-350-110

*Maintenance*

AD1 (Using 23A Coupler)	463-340-105
CBF	IB463-350-104
CBF (Connecting Arrangement)	IB463-350-106
CDH (For 2-way Ground Start CO Trunks)	IB463-350-104
CDQ4W (2-Way Dial Repeating)	IB463-360-100
CDQ4X (2-Way Dial Repeating)	IB463-360-100
CD7 (1-way Outgoing Manual Service)	IB463-350-106
CD8 (1-way Outgoing Automatic Service)	IB463-350-106
CD9 (2-way Loop Manual Service)	IB463-350-106
CED (Using 101A IU)	IB463-350-107
C1V (Using 18D KTU)	IB463-382-100
C2ACP	IA463-341-100
C2H	IB463-370-101
C22 (Using 112A IU)	IB463-350-109
C24	IB463-370-101
FTM (34A Voice Coupler)	IA463-341-103
GC2 (Using 15D KTU)	IB463-382-100
HZM	IB463-382-102
RCX (Using 117A IU)	IB463-382-100
RDMZR (Using KS-20721 Station Coupler)	IA463-340-101
RDY (Using KS-20721 Station Coupler)	IA463-340-101
STS (Using KS-20721 Station Coupler)	IA463-340-102
SU6AQ (Using KS-20721 Station Coupler)	IA463-340-102
SU7QW (Using KS-20721 Voice Coupler)	IA463-340-104
TAS	463-350-110

*Method of Operation*

CDQ4W (2-Way Dial Repeating)	IB463-360-100
CDQ4X (2-Way Dial Repeating)	IB463-360-100
CED (Using 101A IU)	IB463-350-107
C22 (Using 112A IU)	IB463-350-109

*Operation*

AD1 (Using 23A Coupler)	463-340-105
CBF	IB463-350-104
CBF (Connecting Arrangement)	IB463-350-106
CDH (For 2-way Ground Start CO Trunks)	IB463-350-104
CD7 (1-way Outgoing Manual Service)	IB463-350-106
CD8 (1-way Outgoing Automatic Service)	IB463-350-106
CD9 (2-way Loop Manual Service)	IB463-350-106
C1V (Using 18D KTU)	IB463-382-100
C2ACP	IA463-341-100
C2H	IB463-370-101
C24	IB463-370-101
FTM (34A Voice Coupler)	IA463-341-103

**PROTECTIVE CONNECTING ARRANGEMENT (Cont)**

Protective Connecting Arrangement (Cont)	
<i>Operation (Cont)</i>	
GC2 (Using 15D KTU)	IB463-382-100
HZM	IB463-382-102
RCX (Using 117A IU)	IB463-382-100
RDMZR (Using KS-20721 Station Coupler)	IA463-340-101
RDY (Using KS-20721 Station Coupler)	IA463-340-101
STS (Using KS-20721 Station Coupler)	IA463-340-102
SUT	463-331-106
SU6AQ (Using KS-20721 Station Coupler)	IA463-340-102
SU7QW (Using KS-20721 Voice Coupler)	IA463-340-104
TAS	463-350-110
Recorder Connector (KS-19645)	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
<i>Operation</i>	
RCZ	IA463-340-120
RC1	IA463-340-120
RTT	IA463-340-120
4-Wire Service	IA463-340-120
<b>PROTECTOR</b>	
116-Type	
<i>Installation</i>	
	624-300-200
<b>PROTECTOR GUARD</b>	
KS-14539	SB460-110-100
<b>PUBLIC PHONE SIGN</b>	
Illuminated Type	CB508-810-202
<b>PUBLIC TELEPHONE</b>	
Drive-Up, Walk-Up	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
Mounting, KS-16705	508-450-100
Walk-Up	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
Mounting, KS-20842	
Sentry*	CB508-452-100
*Trademark of Western Electric	
Walk-Up, Drive-Up	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
Mounting, KS-19426	CB508-451-100
<b>PULSE CONVERTER CIRCUIT (SD-67016-01);</b>	
<b>DIAL—SEE DIAL PULSE CONVERTER CIRCUIT (SD-67016-01)</b>	
<b>PULSE REGISTER CIRCUIT; DIAL—SEE DIAL PULSE REGISTER CIRCUIT</b>	
<b>PULSING TESTS</b>	
<i>Installation</i>	
<i>Maintenance</i>	
800A (Electronic-Type) Private Branch Exchange	553-010-310
801A (Electronic-Type) Private Branch Exchange	553-010-310

**PUNCHED- OR WIRE-TYPE; TERMINALS—SEE**

<b>TERMINALS PUNCHED- OR WIRE-TYPE</b>	
<b>PVF (USING 114A IU)</b>	
<i>Connection</i>	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
<i>Method of Operation</i>	
PICTUREPHONE Connecting Arrangement	
	463-390-100
<b>QKP</b>	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
<i>Operation</i>	
Voice Connecting Arrangement	
	463-311-109
<b>QKT (USING 30-TYPE VOICE COUPLER)</b>	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
<i>Operation</i>	
Voice Connecting Arrangement	
	IA463-311-100
<b>QKTBT (USING 30-TYPE VOICE COUPLER)</b>	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
<i>Operation</i>	
Voice Connecting Arrangement	
	IA463-311-100
<b>RACEWAYS</b>	
<i>General</i>	
	461-300-100
<i>Identification</i>	
	461-300-102
<i>Installation</i>	
	461-300-102
<b>RADIO FREQUENCY INTERFERENCE</b>	
<i>For Telephone Sets</i>	
Radio Signal Suppression	
	SA500-150-100
<b>RADIO SIGNAL SUPPRESSION</b>	
<i>For Telephone Sets</i>	
Capacitor, 40BA	
	SA500-150-100
Electromagnetic Interference	
	SA500-150-100
Inductor, 1542A, AM	
	SA500-150-100
Network, 4010E	
	SA500-150-100
Network, 4228D	
	SA500-150-100
Network, 4228J	
	SA500-150-100
Network, 425J	
	SA500-150-100
Radio Frequency Interference	
	SA500-150-100
<b>RANGE CHARTS; PBX—SEE PBX RANGE CHARTS</b>	
<b>RANGE EXTENDER; RINGING—SEE RINGING RANGE EXTENDER</b>	
<b>RCX (USING 117A IU)</b>	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
<i>Operation</i>	
Protective Connecting Arrangement	
	IB463-382-100
<b>RCZ</b>	
<i>Connections</i>	
<i>Identification</i>	

<b>RCZ (Cont)</b>			
Installation			
Maintenance			
Operation			
Recorder Connector (KS-19645)			
Protective Connecting Arrangement	IA463-340-120		
<b>RCI</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
Recorder Connector (KS-19645)			
Protective Connecting Arrangement	IA463-340-120		
<b>RDL</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
Voice Connecting Arrangement	IA463-340-111		
<b>RDL (KS-19522 RECORDER COUPLER)</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
Voice Connecting Arrangement	IA463-340-110		
<b>RDM</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
Voice Connecting Arrangement	IA463-340-111		
<b>RDM (KS-19522 RECORDER COUPLER)</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
Voice Connecting Arrangement	IA463-340-110		
<b>RDMZR (USING KS-20721 STATION COUPLER)</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
Protective Connecting Arrangement	IA463-340-101		
<b>RDY (USING KS-20721 STATION COUPLER)</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
Protective Connecting Arrangement	IA463-340-101		
<b>READER (KS-13835 AMA)</b>			
Replacing			
Contacts	069-310-802		
<b>READER (KS-13835 AMA)</b>			
Contacts Replacement	069-310-804		
<b>READERS</b>			
Procedures for Cleaning			
KS-13835			069-370-801
<b>RECEIVER</b>			
Identification			
730A			
1A Home Interphone System			512-510-100
Installation			
730A			
1A Home Interphone System			512-510-200
Maintenance			
730A			
1A Home Interphone System			512-510-200
Operation			
730A			
1A Home Interphone System			512-510-100
<b>RECEIVER (SD-67027-01 OR SD-98148-01); TOUCH-TONE<sup>®</sup> CALLING—SEE TOUCH-TONE<sup>®</sup> CALLING RECEIVER (SD-67027-01 OR SD-98148-01)</b>			
<b>RECEIVER HOLDERS</b>			
Selection			501-220-100
<b>RECEIVER UNITS</b>			
Selection			501-220-100
<b>RECEIVERS</b>			
Selection			501-220-100
<b>RECORDED TELEPHONE DICTATION TRUNK</b>			
General Description			
For use with Dial-type PBXs at Centrex Stations			951-905-100
Installation			
SD-65728-01			473-130-201
SD-65788-01			473-130-201
Operation Tests			
SD-65728-01			473-130-501
SD-65788-01			473-130-501
<b>RECORDED TELEPHONE DICTATION TRUNK CIRCUIT</b>			
PBX and Key Telephone Applications			
Connections			
Identification			
Installation			
Maintenance			
Operation			
DCT			IA463-332-110
<b>RECORDER CONNECTORS</b>			
Connections			
50-Type Associated with KS-16730L1			463-230-400
Identification			
50-Type Associated with KS-16730L1			463-230-100
Installation			
50-Type Associated with KS-16730L1			463-230-200
Maintenance			
50-Type Associated with KS-16730L1			463-230-200
Operation			
50-Type Associated with KS-16730L1			463-230-300
Operation			
50-Type Associated with KS-16730L1			463-230-100

<b>RECORDER COUPLER</b>			
Installation			
Maintenance Tests			
KS-19164L1	463-232-100		
<b>RECORDER INTERFACE CIRCUIT;</b>			
TROUBLE—SEE TROUBLE RECORDER INTERFACE CIRCUIT			
<b>RECORDER REPRODUCER</b>			
Adjustments			
Requirements			
Trouble Analysis			
KS-12068, L7			
2-Type Automatic Call Distributors (ACD)	476-100-701		
3-Type Automatic Call Distributors (ACD)	476-100-701		
<b>RECORDER-REPRODUCER</b>			
Piece-Part Data			
Replacement Procedures			
KS-12068, L4, L5, L6, L7	034-351-801		
<b>RECORDING ARRANGEMENT; TROUBLE—SEE TROUBLE RECORDING ARRANGEMENT</b>			
<b>RECORDING CIRCUIT; CALL—SEE CALL RECORDING CIRCUIT</b>			
<b>RECREATIONAL VEHICLE WIRING</b>			
Nonpermanent Type	SB461-220-101		
<b>RECTIFIER</b>			
J87202A	169-430-100		
Operating Methods			
KS-20121L1, L2, L3, L4	169-467-301		
Description			
Miscellaneous Electron Tube Type	169-210-101		
Regulated Tube Type	169-230-101		
Installation			
Miscellaneous Semiconductor Type (Metallic)	169-215-201		
Operating Methods			
J29361F-1	169-471-301		
J8620A, D, G, H, K, L, M, U	169-230-301		
J8620JL4, L5, L6	169-232-301		
J8620TE	169-232-301		
J8620TW	169-234-301		
J86231A	169-238-301		
J86231A	169-429-301		
J87211	169-245-301		
J87215 Semiconductor Type	169-250-301		
J87223	169-255-301		
J87224	169-256-301		
J87228A	169-254-301		
J87229	169-257-301		
J87232A	169-260-301		
J87233A	169-261-301		
J87242A	169-431-301		
J87243A	169-432-301		
J87244A	169-433-301		
J87320A	169-263-301		
J87328A	169-469-301		
J87329A	169-470-301		
J87434A	169-267-301		
KS-15661	169-262-301		
KS-15668L1, L2, L3	169-465-301		
KS-15678	169-265-301		
KS-19231L1, L2	169-271-301		
KS-19921L1	169-466-301		
KS-21090	169-472-301		
<b>RECTIFIER (Cont)</b>			
Operating Methods (Cont)			
KS-21091	169-472-302		
KS-21195	169-472-303		
KS-21421L1, L2	169-472-304		
KS-5663L8, L9, L10	169-445-301		
Miscellaneous Electron Tube Type	169-210-301		
Miscellaneous Ferroresonant Type	169-215-302		
Miscellaneous Semiconductor Type	169-215-301		
Operation Methods			
Mercury Arc	169-205-301		
Piece Part Data			
Error Detector Cards			
J87224	169-256-801		
Replacement Parts and Procedures			
Electron Tube Type	169-210-801		
Metallic J86256	169-215-801		
Semiconductor Type	169-215-801		
Unregulated and Manually Regulated	169-210-801		
Tests and Inspections			
Mercury Arc	169-205-501		
Miscellaneous Electron Tube Type	169-210-501		
<b>RECTIFIER STACKS USED IN LORAIN PRODUCTS CORPORATION</b>			
Replacement Parts and Procedures			
Power Supply T603B1	169-215-801		
<b>REELS; CORD—SEE CORD REELS</b>			
<b>REELS; WIRE—SEE WIRE REELS</b>			
<b>REGISTER CIRCUIT (SD-1E012-01)</b>			
Operation Tests			
800A Private Branch Exchange	553-124-501		
<b>REGISTER CIRCUIT (SD-65852-01); MESSAGE—SEE MESSAGE REGISTER CIRCUIT (SD-65852-01)</b>			
<b>REGISTER LINK CIRCUIT; INCOMING—SEE INCOMING REGISTER LINK CIRCUIT</b>			
<b>REGISTER SENDERS (SD-65816-01) AND SENDER LINKS (SD-65820-01)</b>			
Operation Tests Using Sender Test Circuit (SD-65827-01)			
Step-By-Step Private Branch Exchange	540-560-501		
<b>REGISTER-SENDER (SD-67045-01) (SD-67049-01, J58845M)</b>			
Operation Tests Using Register-Sender Test Set			
758C Private Branch Exchange	551-518-500		
<b>REGISTER-SENDER (SD-67077-01) (SD-67049-01, J58845M)</b>			
Operation Tests Using Register-Sender Test Set			
758C Private Branch Exchange	551-518-500		
<b>REGISTER-SENDER (SD-67090-01)</b>			
Operation Tests Using Register-Sender Test Set (SD-67092-01)			
758C Private Branch Exchange	551-518-502		
<b>REGISTER-SENDER INTERFACE UNIT; DIGITAL—SEE DIGITAL REGISTER-SENDER INTERFACE UNIT</b>			

**REGISTER-SENDER; DIGITAL—SEE DIGITAL****REGISTER-SENDER****REGISTERS***Procedures for Cleaning*

12-Type	069-360-801
14-Type	069-360-801
5-Type	069-360-801

**REGISTERS; ALARMS AND—SEE ALARMS AND REGISTERS****REGISTERS; FADS—SEE FADS REGISTERS****REGISTERS; ORIGINATING—SEE ORIGINATING REGISTERS****REGISTERS; TRAFFIC—SEE TRAFFIC REGISTERS****REGISTRATION INTERFACE***Adapter Arrangements*

RJA1X	SA463-400-110
RJA2X	SA463-400-110
RJA3X	SA463-400-110

*General Information*

Selection	SA463-400-100
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*Tip and Ring Arrangements**Bridged Line*

RJ11C	SA463-400-120
RJ11W	SA463-400-120
RJ12C	SA463-400-120
RJ12W	SA463-400-120
RJ13C	SA463-400-120
RJ13W	SA463-400-120

*Bridged Single Line*

Weatherproof	
RJ15C	SA463-400-121

*Series Single Line*

RJ31X	SA463-400-130
RJ32X	SA463-400-130
RJ34X	SA463-400-130
RJ35X	SA463-400-130

*Bridged Two Line*

RJ14C	SA462-400-140
RJ14W	SA462-400-140

*Bridged Multiple*

RJ21X	SA463-400-141
RJ22X	SA463-400-141
RJ23X	SA463-400-141
RJ24X	SA463-400-141

**RELAY CONTACTS AND PARTS**

<i>Cleaning and Reconditioning</i>	069-306-801
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**RELAY RACK; WALL—SEE WALL RELAY RACK****RELAY SET***Identification**Installation**Maintenance*

KS-16527L1	463-120-100
KS-16626 Type	463-120-100
KS-16763 Type	463-120-100
KS-20136L1	463-120-100
KS-5381L6	463-120-100
Transformer, KS-8223 Type	463-120-100

**RELAYS***Soldering Strap Wires*

245 and Similar Type	069-141-811
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**RELAYS (CHARGE-FAILURE ALARM)***Operating Methods*

KS-15661	169-262-301
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**RELAYS (NONWIRE SPRING TYPE)***Replacing*

Contacts	069-310-802
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**RELAYS (NONWIRE SPRING TYPE)**

Contacts Replacement	069-310-804
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**RELAYS (NORTH ELECTRIC MULTICONTACT)**

<i>Cleaning and Treating Contacts</i>	069-307-801
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**RELAYS (WIRE SPRING TYPE)***Replacing*

Contacts	069-310-803
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**RELEASER***Maintenance**Operation**Piece-Part Data*

KS-21107L1	075-192-301
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**REPLACEMENT; CONTACTS—SEE CONTACTS****REPLACEMENT****REPORTING SYSTEM; EMERGENCY—SEE****EMERGENCY REPORTING SYSTEM****REPORTING SYSTEM; INDUSTRIAL—SEE****INDUSTRIAL REPORTING SYSTEM****REPORTING TELEPHONE SET***Connections*

1A	SD514-230-100
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*Detailed Description*

1A	514-230-101
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*Identification*

1A	SD514-230-100
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*Installation*

1A	SD514-230-100
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*Maintenance*

1A	SD514-230-100
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*Test*

1A	SD514-230-100
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**REPORTING; EMERGENCY—SEE EMERGENCY****REPORTING****REPORTING/ANSWERING BUREAUS;****EMERGENCY—SEE EMERGENCY****REPORTING/ANSWERING BUREAUS****REPRODUCER; RECORDER—SEE RECORDER****REPRODUCER****REQUIREMENTS USING PULSE SIGNALING****TEST SET TTS-26B***Installation**Maintenance*

800A (Electronic-Type) Private	
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Branch Exchange	553-010-310
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801A (Electronic-Type) Private	
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Branch Exchange	553-010-310
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**RESTORATION AND AUXILIARY CONTROL;****DIAL—SEE DIAL RESTORATION AND****AUXILIARY CONTROL****RESTORATION PANEL (AUTOVON); DIAL—SEE****DIAL RESTORATION PANEL (AUTOVON)****RESTRICTED STATION FEATURE; FULLY—SEE****FULLY RESTRICTED STATION FEATURE****RESTRICTION CIRCUIT (SD-5E012-01);****STATION—SEE STATION RESTRICTION****CIRCUIT (SD-5E012-01)****RESTRICTION CIRCUIT (SD-5E015-01);****STATION—SEE STATION RESTRICTION****CIRCUIT (SD-5E015-01)**

**RESTRICTION CONTROL CIRCUIT**  
(SD-5E034-01); STATION—SEE STATION  
**RESTRICTION CONTROL CIRCUIT**  
(SD-5E034-01)

**RETAINER PLUG***Identification**Installation*

KS-19266 167-400-210

**RHEOSTATS***Procedures for Cleaning and**Treatment* 069-321-801**RING BRIDLE***General*

B 080-720-139

C 080-720-140

K 080-720-139

M 080-720-139

**RING; DRIVE—SEE DRIVE RING****RINGDOWN TIE TRUNK***Operation Tests*

757A Private Branch Exchange 551-296-501

**RINGDOWN TIE TRUNK CIRCUIT**

(SD-65825-01)

*Operation Tests*

Step-By-Step Private Branch

Exchange 540-540-503

**RINGER ISOLATOR***Connection*

28A SA501-375-101

*Identification*

D-180036 Kit of Parts 501-375-100

28A SA501-375-101

*Installation*

28A SA501-375-101

*Testing*

28A SA501-375-101

**RINGERS***Connections*

Cover 125A 501-252-100

E1-Type SA501-251-100

F1A 501-252-100

L1-Type SA501-258-101

S1A (Tone) SA501-260-100

SIAM (Tone) SA501-260-100

*General Maintenance and Ringing**Tests* 501-250-300*Identification*

B-Type 501-250-100

C-Type 501-250-100

Cover 125A 501-252-100

D-Type 501-250-100

E1-Type SA501-251-100

E1D 501-251-100

2A Farm Interphone System 512-515-100

F1A 501-252-100

G1-Type 501-253-100

H1-Type 501-254-100

J1A 501-256-100

L1-Type SA501-258-101

M- and N-Types 501-259-100

P1-Type SA501-259-101

S1A (Tone) SA501-260-100

SIAM (Tone) SA501-260-100

T1A 501-260-110

*Installation*

Cover 125A 501-252-100

**RINGERS (Cont)***Installation (Cont)*

E1-Type SA501-251-100

E1D

2A Farm Interphone System 512-515-200

F1A 501-252-100

L1-Type SA501-258-101

S1A (Tone) SA501-260-100

SIAM (Tone) SA501-260-100

*Maintenance*

B-Type 501-250-302

C-Type SA501-250-303

Cover 125A 501-252-100

D1-Type 501-250-304

E1-Type SA501-251-100

E1D

2A Farm Interphone System 512-515-200

F1A 501-252-100

G1-Type 501-253-100

H1-Type 501-254-100

J1A 501-256-100

L1-Type SA501-258-101

Numbered-Type 501-250-301

P1-Type SA501-259-101

S1A (Tone) SA501-260-100

SIAM (Tone) SA501-260-100

T1A 501-260-110

*Operation*

E1D

2A Farm Interphone System 512-515-100

*Service*

F1A SA501-252-400

*Use*

H1-Type 501-254-100

Telephone Set Components

*Connections**Identification**Installation**Maintenance*

Customer-Owned Enclosures 501-420-102

**RINGING APPARATUS; STATION—SEE STATION****RINGING APPARATUS****RINGING EXTENDER**

603A

*Identification* 501-380-102*Installation* 501-380-102*Testing* 501-380-102**RINGING FEEDERS***Connection**Distribution**Installation*

Customer Equipment 460-260-210

**RINGING GENERATOR; SUB-CYCLE—SEE****SUB-CYCLE RINGING GENERATOR****RINGING MACHINES**

Ringing Machine

*Replacement Parts and Procedures*

KS-15804 163-530-801

KS-15905 163-530-801

KS-15985 163-530-801

*Description*

KS-5159 163-320-101

KS-5319 163-320-101

KS-5352 163-320-101



**RINGING MACHINES (Cont)**

Ringing Machine (Cont)	
<i>Piece-Part Data and Replacement Procedures</i>	
QD Type	163-320-801
<i>Requirements and Adjusting Procedures</i>	
KS-15804	163-530-701
KS-15905	163-530-701
KS-15985	163-530-701
KS-5159	163-320-701
KS-5319	163-320-701
KS-5352	163-320-701

**RINGING RANGE EXTENDER**

<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	
10A	501-322-100

**RINGING SUPPLY**

Static Ringing Generators	
<i>Installation</i>	
KS-5585L01	163-520-201
KS-5585L06	163-520-201

**RISE APARTMENT BUILDINGS; HIGH—SEE HIGH RISE APARTMENT BUILDINGS**

<b>RJA1X</b>	Registration Interface Adapter Arrangements	SA463-400-110
<b>RJA2X</b>	Registration Interface Adapter Arrangements	SA463-400-110
<b>RJA3X</b>	Registration Interface Adapter Arrangements	SA463-400-110
<b>RJ11C</b>	Registration Interface Tip and Ring Arrangements Bridged Line	SA463-400-120
<b>RJ11W</b>	Registration Interface Tip and Ring Arrangements Bridged Line	SA463-400-120
<b>RJ12C</b>	Registration Interface Tip and Ring Arrangements Bridged Line	SA463-400-120
<b>RJ12W</b>	Registration Interface Tip and Ring Arrangements Bridged Line	SA463-400-120
<b>RJ13C</b>	Registration Interface Tip and Ring Arrangements Bridged Line	SA463-400-120
<b>RJ13W</b>	Registration Interface Tip and Ring Arrangements Bridged Line	SA463-400-120
<b>RJ14C</b>	Registration Interface Tip and Ring Arrangements Bridged Two Line	SA462-400-140
<b>RJ14W</b>	Registration Interface Tip and Ring Arrangements Bridged Two Line	SA462-400-140
<b>RJ15C</b>	Registration Interface Tip and Ring Arrangements Bridged Single Line Weatherproof	SA463-400-121
<b>RJ21X</b>	Registration Interface Tip and Ring Arrangements Bridged Multiple	SA463-400-141
<b>RJ22X</b>	Registration Interface Tip and Ring Arrangements Bridged Multiple	SA463-400-141
<b>RJ23X</b>	Registration Interface Tip and Ring Arrangements Bridged Multiple	SA463-400-141
<b>RJ24X</b>	Registration Interface Tip and Ring Arrangements Bridged Multiple	SA463-400-141
<b>RJ31X</b>	Registration Interface Tip and Ring Arrangements Series Single Line	SA463-400-130
<b>RJ32X</b>	Registration Interface Tip and Ring Arrangements Series Single Line	SA463-400-130
<b>RJ34X</b>	Registration Interface Tip and Ring Arrangements Series Single Line	SA463-400-130
<b>RJ35X</b>	Registration Interface Tip and Ring Arrangements Series Single Line	SA463-400-130
<b>ROTARY SELECTORS; BANKS WITH—SEE BANKS WITH ROTARY SELECTORS</b>		
<b>ROTARY SWITCH</b>	Cleaning and Treatment 25 Point	069-330-801
<b>ROTORS</b>	Cleaning and Treatment Selectors	069-330-801
<b>ROUTING CIRCUITS WITH DIRECT LINES; SELECTIVE—SEE SELECTIVE ROUTING CIRCUITS WITH DIRECT LINES</b>		
<b>RTT</b>	Connections Identification Installation Maintenance Operation Recorder Connector (KS-19645) Protective Connecting Arrangement	IA463-340-120
<b>RURAL C; WIRE—SEE WIRE RURAL C</b>		
<b>SAC MAIN OPERATING BASE TURRET</b>	General Description Line Up Method of Operation Overall Tests	981-202-100 480-520-501 480-520-301 480-520-501
<b>SAFEGUARDING MEASURES (SSM); SPECIAL—SEE SPECIAL SAFEGUARDING MEASURES (SSM);</b>		

## SAFETY STRAP

*Description**Use*

D

SB061-720-101

## SAGE/BUIC (PHASE-III)

*General Description*

981-201-100

## SCREW EYE, INSULATED—SEE INSULATED

## SCREW EYE

## SCREWDRIVERS

*Maintenance*

075-160-301

*Selection*

075-160-301

*Use*

075-160-301

## SCREWS; ANGLE—SEE ANGLE SCREWS

## SECRETARIAL ANSWERING SERVICE

*Key Equipment**Connections**Description**Installation**Maintenance**Operation*

103A

512-336-100

Secretarial Answering Service

*Circuit Tests*

557A Private Branch Exchange

473-601-501

557B Private Branch Exchange

473-602-501

*General Description*

557B Private Branch Exchange

981-531-100

*Inspections*

557B Private Branch Exchange

473-602-210

*Tests*

557B Private Branch Exchange

473-602-210

## SECRETARIAL ANSWERING SERVICE;

TELEPHONE—SEE TELEPHONE SECRETARIAL ANSWERING SERVICE

## SECRETARIAL LINE UNIT (J59023G)

*Connections**Identification**Installation*

557A Private Branch Exchange

473-601-201

## SECURE VOICE AUTOVON TRUNK CIRCUIT

(SD-67085-01)

*Preemption Signaling Circuit Test Using Preempt-Precedence Test Set (SD-69550-01, J53042A)*

758C Private Branch Exchange

551-551-500

## SECURITY DEVICES

*Reference*

506-101-100

*Service*

CA506-101-400

## SELECT MAGNET CONNECTOR CIRCUIT

(SD-65913-01); LINK AND—SEE LINK AND

SELECT MAGNET CONNECTOR CIRCUIT

(SD-65913-01)

## SELECTING OUTDOOR LOCATIONS

*Reference*

Common Battery Station Sets

SA502-120-202

## SELECTION AND AUXILIARY TRUNK CIRCUIT

(FOR OUTWARD SERVICE FROM ATTENDANT POSITION SD-66790-01); AUTOMATIC—SEE AUTOMATIC SELECTION AND AUXILIARY TRUNK CIRCUIT (FOR OUTWARD SERVICE FROM ATTENDANT POSITION SD-66790-01)

## SELECTION OF APPARATUS

*Class of Service and Zone*

Telephone Set

500-110-100

## SELECTIVE CONTROL SYSTEM

SC2

*General Description*

982-305-100

## SELECTIVE ROUTING CIRCUITS WITH DIRECT LINES

*Operation Tests*

520-Type PBX Emergency

Reporting System

473-218-655

*Tests*

520-Type PBX Emergency

Reporting System

067-304-501

## SELECTIVE SIGNALING SYSTEM

SS-1

*Connections*

Private Line Telephone

Service

480-621-200

2-Digit TOUCH-TONE® Set to Dial

Pulse Conversion Equipment

Private Line Telephone

Service

480-621-202

*Detailed Tests*

Decoder and Keyer

Private Line Telephone

Service

480-621-502

2-Digit TOUCH-TONE® Set to Dial

Pulse Conversion Equipment

Private Line Telephone

Service

480-621-503

*General Description*

Private Line Telephone Service

982-325-100

*Identification*

Private Line Telephone

Service

480-621-200

2-Digit TOUCH-TONE® Set to Dial

Pulse Conversion Equipment

Private Line Telephone

Service

480-621-202

*Installation*

Private Line Telephone

Service

480-621-200

2-Digit TOUCH-TONE® Set to Dial

Pulse Conversion Equipment

Private Line Telephone

Service

480-621-202

*Operational Sketches*

Private Line Telephone

Service

480-621-500

*Overall Tests*

Private Line Telephone

Service

480-621-501

*Sequence Charts*

Private Line Telephone

Service

480-621-500

*Service Options*

Private Line Telephone

Service

480-621-200

SS-1A

*Connections*

Private Line Telephone

Service

480-622-200

2-Digit TOUCH-TONE® Set to Dial

Pulse Conversion Equipment

Private Line Telephone

Service

480-621-202

**SELECTIVE SIGNALING SYSTEM (Cont)****SS-1A (Cont)***Detailed Tests**Decoder and Keyer*

Private Line Telephone Service

480-622-502

2-Digit TOUCH-TONE® Set to Dial

Pulse Conversion Equipment

Private Line Telephone Service

480-621-503

*General Description*

Private Line Telephone Service

982-326-100

*Identification*

Private Line Telephone Service

480-622-200

2-Digit TOUCH-TONE® Set to Dial

Pulse Conversion Equipment

Private Line Telephone Service

480-621-202

*Installation*

Private Line Telephone Service

480-622-200

2-Digit TOUCH-TONE® Set to Dial

Pulse Conversion Equipment

Private Line Telephone Service

480-621-202

*Overall Tests*

Private Line Telephone Service

480-622-501

*Service Options*

Private Line Telephone Service

480-622-200

**SS-3***Initial Lineup*

Order Wire

480-630-210

*Maintenance Tests*

Order Wire

480-630-210

**SS-3 (TOUCH-TONE® Service)***Connections*

Private Line Telephone Service

480-625-210

*General Description*

982-328-100

*Identification*

Private Line Telephone Service

480-625-210

*Installation*

Private Line Telephone Service

480-625-210

*Maintenance*

Private Line Telephone Service

480-625-210

*Operational Tests*

Private Line Telephone Service

480-625-210

**SS-4***Connections*

Private Line Telephone Service

480-623-001

*General Descriptive Information*

Private Line Telephone Service

982-329-100

*Identification*

Private Line Telephone Service

480-623-001

*Installation*

Private Line Telephone Service

480-623-001

**SELECTIVE SIGNALING SYSTEM (Cont)****SS-4 (Cont)***Maintenance*

Private Line Telephone Service

480-623-002

**SELECTIVE SWITCHING SYSTEM****SS-3***General Description*

Order Wire

982-329-110

**SELECTOR AND DIAL REPEATING TIE TRUNK;  
INCOMING—SEE INCOMING SELECTOR AND  
DIAL REPEATING TIE TRUNK****SELECTOR BANK CONTACTS***Cleaning and Treating*Associated Wipers  
Telegraph and Toll  
Equipments

069-331-801

204-Type

Telegraph and Toll  
Equipments

069-331-801

**SELECTOR CONSOLES***Identification**Installation**Maintenance*

1A1-Type

504-110-101

1A2-Type

504-110-101

**SELECTOR-CONNECTOR (SD-65721-01)***Restricted Service Tests*

701A Private Branch Exchange

540-128-501

701B Private Branch Exchange

540-128-501

711A Private Branch Exchange

540-128-501

711B Private Branch Exchange

540-128-501

740E Private Branch Exchange

540-128-501

**SELECTOR-CONNECTORS***Operation Tests Using Dial Hand**Test Set*

740A Private Branch Exchange

546-400-655

740AX Private Branch Exchange

546-400-655

740B Private Branch Exchange

546-400-655

740C Private Branch Exchange

546-400-655

*Operation Tests Using Test Set*

(SD-66073-01, J54701B or

SD-90416-01, J94704A)

701A Private Branch Exchange

540-128-503

701B Private Branch Exchange

540-128-503

711A Private Branch Exchange

540-128-503

711B Private Branch Exchange

540-128-503

740A Private Branch Exchange

540-128-503

740AX Private Branch Exchange

540-128-503

740B Private Branch Exchange

540-128-503

740C Private Branch Exchange

540-128-503

740E Private Branch Exchange

540-128-503

**SELECTOR-CONNECTORS; CONNECTORS****AND—SEE CONNECTORS AND****SELECTOR-CONNECTORS****SELECTOR-CONNECTORS; SELECTORS AND—SEE****SELECTORS AND SELECTOR-CONNECTORS****SELECTORS***B Relay Timing Tests Using Relay**Timing Test Set (SD-90418-01,**J94713A)*

700C Private Branch Exchange

540-120-505

701A Private Branch Exchange

540-120-505

701B Private Branch Exchange

540-120-505

701PK Private Branch Exchange

540-120-505

702A Private Branch Exchange

540-120-505

710C Private Branch Exchange

540-120-505

## SELECTORS (Cont)

*B Relay Timing Tests Using Relay (Cont)*

711A Private Branch Exchange	540-120-505
711B Private Branch Exchange	540-120-505
711PK Private Branch Exchange	540-120-505
740E Private Branch Exchange	540-120-505

*Cleaning and Treatment*

Associated Banks	069-330-801
Rotors	069-330-801
200-Type	069-330-801
206-Type	069-330-801
209-Type	069-330-801
211-Type	069-330-801

*Operation Tests*

3A Automatic Call Distributing System	476-314-501
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*Operation Tests Using Test Set**(SD-66073-01, J54701B)*

701A Private Branch Exchange	540-120-509
701B Private Branch Exchange	540-120-509
701PK Private Branch Exchange	540-120-509
711A Private Branch Exchange	540-120-509
711B Private Branch Exchange	540-120-509
711PK Private Branch Exchange	540-120-509
740E Private Branch Exchange	540-120-509

*Operation Tests Using Test Set**(SD-90416-01, J94704A)*

701A Private Branch Exchange	540-120-511
701B Private Branch Exchange	540-120-511
701PK Private Branch Exchange	540-120-511
702A Private Branch Exchange	540-120-511
711A Private Branch Exchange	540-120-511
711B Private Branch Exchange	540-120-511
711PK Private Branch Exchange	540-120-511

*Pulsing Tests Using Pulsing Test**Set (SD-31481-01, J34717A)*

700C Private Branch Exchange	540-120-503
701A Private Branch Exchange	540-120-503
701B Private Branch Exchange	540-120-503
701PK Private Branch Exchange	540-120-503
702A Private Branch Exchange	540-120-503
710C Private Branch Exchange	540-120-503
711A Private Branch Exchange	540-120-503
711B Private Branch Exchange	540-120-503
711PK Private Branch Exchange	540-120-503
740E Private Branch Exchange	540-120-503

*Rotary and C Relay Timing Tests**Using Relay Timing Test Set**(SD-90418-01, J94713A)*

700C Private Branch Exchange	540-120-507
701A Private Branch Exchange	540-120-507
701B Private Branch Exchange	540-120-507
701PK Private Branch Exchange	540-120-507
702A Private Branch Exchange	540-120-507
710C Private Branch Exchange	540-120-507
711A Private Branch Exchange	540-120-507
711B Private Branch Exchange	540-120-507
711PK Private Branch Exchange	540-120-507
740E Private Branch Exchange	540-120-507

*Rotary, Cut-In, and Release Tests**Using Dial Hand Test Set*

3A Automatic Call Distributing System	476-314-502
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## SELECTORS AND CONNECTORS

*Operation Tests using Test Set**(SD-90210-01)*

702A Private Branch Exchange	543-020-655
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## SELECTORS AND SELECTOR-CONNECTORS

*Rotary Test Using Dial Hand Test Set*

700C Private Branch Exchange	540-140-503
701A Private Branch Exchange	540-140-503
701B Private Branch Exchange	540-140-503
701PK Private Branch Exchange	540-140-503
702A Private Branch Exchange	540-140-503
710C Private Branch Exchange	540-140-503
711A Private Branch Exchange	540-140-503
711B Private Branch Exchange	540-140-503
711PK Private Branch Exchange	540-140-503
740A Private Branch Exchange	540-140-503
740AX Private Branch Exchange	540-140-503
740B Private Branch Exchange	540-140-503
740C Private Branch Exchange	540-140-503
740E Private Branch Exchange	540-140-503

## SELECTORS, CONNECTORS, AND

## SELECTOR-CONNECTORS

*Correction of Pulsing Failures**Using Pulsing Test Set**(SD-31481-01, J34717A)*

700C Private Branch Exchange	540-134-701
701A Private Branch Exchange	540-134-701
701B Private Branch Exchange	540-134-701
701PK Private Branch Exchange	540-134-701
702A Private Branch Exchange	540-134-701
710C Private Branch Exchange	540-134-701
711A Private Branch Exchange	540-134-701
711B Private Branch Exchange	540-134-701
711PK Private Branch Exchange	540-134-701
740A Private Branch Exchange	540-134-701
740AX Private Branch Exchange	540-134-701
740B Private Branch Exchange	540-134-701
740C Private Branch Exchange	540-134-701
740E Private Branch Exchange	540-134-701

*Cut-In and Release Tests Using Dial**Hand Test Set*

700C Private Branch Exchange	540-134-501
701A Private Branch Exchange	540-134-501
701B Private Branch Exchange	540-134-501
701PK Private Branch Exchange	540-134-501
702A Private Branch Exchange	540-134-501
710C Private Branch Exchange	540-134-501
711A Private Branch Exchange	540-134-501
711B Private Branch Exchange	540-134-501
711PK Private Branch Exchange	540-134-501
740A Private Branch Exchange	540-134-501
740AX Private Branch Exchange	540-134-501
740B Private Branch Exchange	540-134-501
740C Private Branch Exchange	540-134-501
740E Private Branch Exchange	540-134-501

## SEMI-PUBLIC EXTENSION TELEPHONE

*General*

Coin Telephone Stations	CA506-100-108
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## SENDERS (SD-65816-01) AND SENDER LINKS

*(SD-65820-01); REGISTER—SEE REGISTER**SENDERS (SD-65816-01) AND SENDER LINKS**(SD-65820-01)*

## SEPARATELY MOUNTED KEYS

*General*

Colored Buttons	463-210-110
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## SEPARATION

*Reference*

Wire and Cable General  
Precautions

SB460-300-149

SEPARATIONS; CLEARANCES AND—SEE CLEARANCES AND SEPARATIONS  
SERVICE CIRCUIT (SD-65894-01); NIGHT—SEE NIGHT SERVICE CIRCUIT (SD-65894-01)  
SERVICE LINES; SPECIAL—SEE SPECIAL SERVICE LINES  
SERVICE PROTECTION (SSP); SPECIAL—SEE SPECIAL SERVICE PROTECTION (SSP); SERVICE TRUNK (SD-65967-01); NIGHT—SEE NIGHT SERVICE TRUNK (SD-65967-01)  
SERVICE TRUNK CIRCUIT (SD-5E036-01); NIGHT—SEE NIGHT SERVICE TRUNK CIRCUIT (SD-5E036-01)  
SERVICE TRUNK CIRCUIT; NIGHT—SEE NIGHT SERVICE TRUNK CIRCUIT  
SERVICE UNIT; KEY—SEE KEY SERVICE UNIT  
SERVICE UNITS; KEY—SEE KEY SERVICE UNITS  
SERVICE; AUTOVON—SEE AUTOVON SERVICE  
SERVICE; PROTECTION OF—SEE PROTECTION OF SERVICE  
SERVICES; INTERCOM—SEE INTERCOM SERVICES  
SET (KS-16990, L1); TEST—SEE TEST SET (KS-16990, L1)  
SET (KS-21055 NATIS); TEST—SEE TEST SET (KS-21055 NATIS)  
SET BASE (5000AM); TRANSACTION—SEE TRANSACTION SET BASE (5000AM)  
SET BASE (5100AM); TRANSACTION—SEE TRANSACTION SET BASE (5100AM)  
SET BASE (5100BM); TRANSACTION—SEE TRANSACTION SET BASE (5100BM)  
SET BASE; TELEPHONE—SEE TELEPHONE SET BASE  
SET BASES; TELEPHONE—SEE TELEPHONE SET BASES  
SET CABLE EQUALIZER; STATION—SEE STATION SET CABLE EQUALIZER  
SET COMPONENTS; TELEPHONE—SEE TELEPHONE SET COMPONENTS  
SET PBX CORD CIRCUIT (SD-66484-01, J54703A); TEST—SEE TEST SET PBX CORD CIRCUIT (SD-66484-01, J54703A)  
SET RECEIVER (SD-66890-01, J58847M); TEST—SEE TEST SET RECEIVER (SD-66890-01, J58847M)  
SET SYSTEM STATUS INDICATOR (KS-21194); TEST—SEE TEST SET SYSTEM STATUS INDICATOR (KS-21194)  
SET 81A; TEST—SEE TEST SET 81A  
SET; ANNOUNCEMENT—SEE ANNOUNCEMENT SET  
SET; CONFERENCE—SEE CONFERENCE SET  
SET; LOUDSPEAKER—SEE LOUDSPEAKER SET  
SET; RELAY—SEE RELAY SET  
SET; SUBSCRIBER—SEE SUBSCRIBER SET  
SET; TELEPHONE—SEE TELEPHONE SET  
SET; TERMINAL—SEE TERMINAL SET  
SET; TEST—SEE TEST SET

SET; 108-TYPE LOUDSPEAKER—SEE 108-TYPE LOUDSPEAKER SET  
SET; 142A TEST—SEE 142A TEST SET  
SET, 2626A1; TELEPHONE—SEE TELEPHONE SET, 2626A1  
SETS (832- OR 2832-TYPE); TELEPHONE—SEE TELEPHONE SETS (832- OR 2832-TYPE)  
SETS AND APPARATUS FOR SPECIAL APPLICATIONS; STATION—SEE STATION SETS AND APPARATUS FOR SPECIAL APPLICATIONS  
SETS AND ASSOCIATED STATION APPARATUS; TELEPHONE—SEE TELEPHONE SETS AND ASSOCIATED STATION APPARATUS  
SETS AND BASES (LESS HOUSINGS); TELEPHONE—SEE TELEPHONE SETS AND BASES (LESS HOUSINGS)  
SETS; STATION—SEE STATION SETS  
SETS; TELEPHONE—SEE TELEPHONE SETS  
SHEATH-MOUNTED

*Wire Terminals*

Drop and Block Wiring  
General Precautions

SB460-300-145

## SHELF

*Coin Telephone**Identification*

KS-19267

CB508-251-100

KS-19945 (Small Talk)

CB508-253-100

*Installation*

KS-19267

CB508-251-100

KS-19945 (Small Talk)

CB508-253-100

*Maintenance*

KS-19945 (Small Talk)

CB508-253-100

*Indoor**Identification*

19-Type

508-250-100

20-Type

508-250-100

SHELF; BOOTH AND—SEE BOOTH AND SHELF

SHELF; DIRECTORY—SEE DIRECTORY SHELF

SIGN BRACKET

*General*

170-Type

080-720-137

SIGN; PHONE—SEE PHONE SIGN

SIGNAL SUPPRESSION; RADIO—SEE RADIO

SIGNAL SUPPRESSION

SIGNALLING SYSTEM; SELECTIVE—SEE

SELECTIVE SIGNALING SYSTEM

SIGNALS; AUXILIARY—SEE AUXILIARY

SIGNALS

SLEEVE; STATIONARY—SEE STATIONARY

SLEEVE

SLIDE WIRE; APPARATUS—SEE APPARATUS

SLIDE WIRE

SOCKET; LAMP—SEE LAMP SOCKET

SOLDERED CONNECTIONS

*Method of Making and Removing*

Using Soldering Coppers

069-140-811

SOLDERING COPPER

*Handling and Maintenance*

KS-14582L1

075-190-811

KS-14582L2

075-190-811

KS-14768 (Heat Units)

075-190-811

*Piece-Part Data and Replacement**Procedures*

KS-14440

075-191-812

**SOLDERING COPPER (Cont)***Piece-Part Data and Replacement (Cont)*

KS-14582 075-191-812  
KS-8740 075-191-812

**SOLDERING COPPER AND IRONS;****ELECTRIC—SEE ELECTRIC SOLDERING COPPER AND IRONS****SOLDERING IRON***Piece-Part Data and Replacement Procedures*

KS-16346 (Including KS-16368 Transformer) 075-191-812

**SOLDERING IRON—SEE SOLDERING COPPER****SOLDERLESS CONNECTIONS**

*Inspection* 069-135-501

**SOLDERLESS CONNECTIONS; WRAPPED—SEE****WRAPPED SOLDERLESS CONNECTIONS****SOLID STATE; CONVERTER—SEE CONVERTER****SOLID STATE****SPACE; CLIMBING—SEE CLIMBING SPACE****SPAN CLAMP; E—SEE E SPAN CLAMP****SPAN CLAMP; F—SEE F SPAN CLAMP****SPEAKERPHONE SYSTEM****1A**

*Connections* 512-610-400

*Identification*

KS-14964 Control Unit 512-610-100  
KS-14990 Amplifiers 512-610-100  
656A Transmitter 512-610-100

**1A1**

*Connections* 512-610-400

*Identification*

KS-14964 Control Unit 512-610-100  
KS-14990 Amplifiers 512-610-100  
656A Transmitter 512-610-100

**3-Type***Connections*

55A(MD) Control Unit SD512-620-100  
55B Control Unit SD512-620-100  
55D Control Unit SD512-620-100  
666A(MD) Transmitter SD512-620-100  
666B Transmitter SD512-620-100  
667A(MD) Transmitter SD512-620-100  
667B Transmitter SD512-620-100  
670A Transmitter SD512-620-100  
671A Transmitter SD512-620-100  
672A Transmitter SD512-620-100  
673A Transmitter SD512-620-100  
674A Transmitter SD512-620-100  
674B Transmitter SD512-620-100  
679 Transmitter SD512-620-100  
760A Loudspeaker SD512-620-100  
762A Loudspeaker SD512-620-100  
Conference Systems 512-620-406  
1500S  
Telephone Set SD512-620-410  
1511-Type  
Telephone Set SD512-620-415  
1558-Type  
Telephone Set SD512-620-418  
1565-Type  
Telephone Set SD512-620-420  
1630-Type  
Telephone Set SD512-620-440  
1631-Type  
Telephone Set SD512-620-440

**SPEAKERPHONE SYSTEM (Cont)****3-Type (Cont)***Connections (Cont)*

## 1632-Type

Telephone Set SD512-620-442

## 1634-Type

Telephone Set 512-620-444

## 1635-Type

Telephone Set 512-620-444

## 1660-Type

Telephone Set 512-621-460

## 1682-Type

Telephone Set 512-621-462

## 1702B

Telephone Set SD512-620-471

## 1712B

512-620-474

## 1752-Type

Telephone Set SD512-620-480

## 211-Type

Hand Telephone Set 512-620-407

## 2211P

Hand Telephone Set 512-620-407

## 2500S

Telephone Set SD512-620-410

## 2511-Type

Telephone Set SD512-620-415

## 2558-Type

Telephone Set SD512-620-418

## 2565-Type

Telephone Set SD512-620-420

## 2568HAA

Telephone Set 512-620-430

## 2630-Type

Telephone Set SD512-620-440

## 2631-Type

Telephone Set SD512-620-440

## 2632-Type

Telephone Set SD512-620-442

## 2634-Type

Telephone Set 512-620-444

## 2635-Type

Telephone Set 512-620-444

## 2660-Type

Telephone Set 512-622-460

## 2662-Type

Telephone Set 512-622-462

## 2682AA

Telephone Set 512-620-450

## 2683AA

Telephone Set 512-620-450

## 2702-Type

Telephone Set SD512-620-471

## 2712B, BM

512-620-474

## 2752-Type

Telephone Set SD512-620-480

## 2830-Type

Telephone Set 512-620-485

## 2831-Type

Telephone Set 512-620-485

## 2832-Type

Telephone Set SD512-620-487

## 2833-Type

Telephone Set SD512-620-487

## 2851-Type

Telephone Set SD512-620-495

**SPEAKERPHONE SYSTEM (Cont)****3-Type (Cont)***Connections (Cont)*

500R/S	
Telephone Set	SD512-620-410
511-Type	
Telephone Set	SD512-620-415
558-Type	
Telephone Set	SD512-620-418
565-Type	
Telephone Set	SD512-620-420
566-Type	
Telephone Set	512-620-426
568HAA	
Telephone Set	512-620-430
630-Type	
Telephone Set	SD512-620-440
631-Type	
Telephone Set	SD512-620-440
632-Type	
Telephone Set	SD512-620-442
634-Type	
Telephone Set	512-620-444
635-Type	
Telephone Set	512-620-444
660A1	
Telephone Set	SD512-620-460
661-Type	
Telephone Set	512-620-461
662-Type	
Telephone Set	SD512-620-462
682AA	
Telephone Set	512-620-450
683AA	
Telephone Set	512-620-450
701B	
Telephone Set	SD512-620-471
702B	
Telephone Set	SD512-620-471
711B	512-620-474
712B, BM	512-620-474
752-Type	
Telephone Set	SD512-620-480
830-Type	
Telephone Set	512-620-485
831-Type	
Telephone Set	512-620-485
832-Type	
Telephone Set	SD512-620-487
833-Type	
Telephone Set	SD512-620-487
851-Type	
Telephone Set	SD512-620-495

*Identification*

55A(MD) Control Unit	SD512-620-100
55B Control Unit	SD512-620-100
55D Control Unit	SD512-620-100
666A(MD) Transmitter	SD512-620-100
666B Transmitter	SD512-620-100
667A(MD) Transmitter	SD512-620-100
667B Transmitter	SD512-620-100
670A Transmitter	SD512-620-100
671A Transmitter	SD512-620-100
672A Transmitter	SD512-620-100
673A Transmitter	SD512-620-100
674A Transmitter	SD512-620-100

**SPEAKERPHONE SYSTEM (Cont)****3-Type (Cont)***Identification (Cont)*

674B Transmitter	SD512-620-100
679 Transmitter	SD512-620-100
760A Loudspeaker	SD512-620-100
762A Loudspeaker	SD512-620-100
Conference Systems	512-620-406
<i>Installation</i>	
55A(MD) Control Unit	SD512-620-100
55B Control Unit	SD512-620-100
55D Control Unit	SD512-620-100
666A(MD) Transmitter	SD512-620-100
666B Transmitter	SD512-620-100
667A(MD) Transmitter	SD512-620-100
667B Transmitter	SD512-620-100
670A Transmitter	SD512-620-100
671A Transmitter	SD512-620-100
672A Transmitter	SD512-620-100
673A Transmitter	SD512-620-100
674A Transmitter	SD512-620-100
674B Transmitter	SD512-620-100
679 Transmitter	SD512-620-100
760A Loudspeaker	SD512-620-100
762A Loudspeaker	SD512-620-100
Conference Systems	512-620-406
<i>Maintenance</i>	
55A(MD) Control Unit	SD512-620-100
55B Control Unit	SD512-620-100
55D Control Unit	SD512-620-100
666A(MD) Transmitter	SD512-620-100
666B Transmitter	SD512-620-100
667A(MD) Transmitter	SD512-620-100
667B Transmitter	SD512-620-100
670A Transmitter	SD512-620-100
671A Transmitter	SD512-620-100
672A Transmitter	SD512-620-100
673A Transmitter	SD512-620-100
674A Transmitter	SD512-620-100
674B Transmitter	SD512-620-100
679 Transmitter	SD512-620-100
760A Loudspeaker	SD512-620-100
762A Loudspeaker	SD512-620-100
Conference Systems	512-620-406
1500S	
Telephone Set	SD512-620-410
1511-Type	
Telephone Set	SD512-620-415
1558-Type	
Telephone Set	SD512-620-418
1565-Type	
Telephone Set	SD512-620-420
1632-Type	
Telephone Set	SD512-620-442
1634-Type	
Telephone Set	512-620-444
1635-Type	
Telephone Set	512-620-444
1660-Type	
Telephone Set	512-621-460
1702B	
Telephone Set	SD512-620-471
1712B	512-620-474
1752-Type	
Telephone Set	SD512-620-480

## SPEAKERPHONE SYSTEM (Cont)

## 3-Type (Cont)

## Maintenance (Cont)

211-Type	
Hand Telephone Set	512-620-407
2211P	
Hand Telephone Set	512-620-407
2500S	
Telephone Set	SD512-620-410
2511-Type	
Telephone Set	SD512-620-415
2558-Type	
Telephone Set	SD512-620-418
2565-Type	
Telephone Set	SD512-620-420
2632-Type	
Telephone Set	SD512-620-442
2634-Type	
Telephone Set	512-620-444
2635-Type	
Telephone Set	512-620-444
2660-Type	
Telephone Set	512-622-460
2702-Type	
Telephone Set	SD512-620-471
2712B, BM	512-620-474
2752-Type	
Telephone Set	SD512-620-480
2851-Type	
Telephone Set	SD512-620-495
500R/S	
Telephone Set	SD512-620-410
511-Type	
Telephone Set	SD512-620-415
558-Type	
Telephone Set	SD512-620-418
565-Type	
Telephone Set	SD512-620-420
566-Type	
Telephone Set	512-620-426
632-Type	
Telephone Set	SD512-620-442
634-Type	
Telephone Set	512-620-444
635-Type	
Telephone Set	512-620-444
660A1	
Telephone Set	SD512-620-460
701B	
Telephone Set	SD512-620-471
702B	
Telephone Set	SD512-620-471
711B	512-620-474
712B, BM	512-620-474
752-Type	
Telephone Set	SD512-620-480
851-Type	
Telephone Set	SD512-620-495

## 3A

## Connections

CALL DIRECTOR\* Set 512-620-403

## 4A

## Connections

211PR Telephone Set SD512-710-400

## SPEAKERPHONE SYSTEM (Cont)

## 4A (Cont)

## Connections (Cont)

## 2211P

Telephone Set	SD512-710-400
2500S, SM	
Telephone Set	SD512-710-405
2511-Type	
Telephone Set	SD512-710-410
2558-Type	
Telephone Set	SD512-710-412
2565-Type Plug-Ended	
Telephone Set	SD512-720-405
2630-Type	
CALL DIRECTOR* Telephone	SD512-730-400
Telephone Set	SD512-730-400
2631-Type	
CALL DIRECTOR* Telephone	SD512-730-400
Telephone Set	SD512-730-400
2632-Type	
CALL DIRECTOR* Telephone	SD512-730-400
Telephone Set	SD512-730-400
2634-Type	
CALL DIRECTOR* Telephone	SD512-730-400
Telephone Set	SD512-730-400
2660A1, A1M	
Telephone Set	SD512-730-450
2662-Type	
Telephone Set	SD512-730-455
2682AA, AAM	
Telephone Set	SD512-730-460
2683AA, AAM	
Telephone Set	SD512-730-460
2702B	
Telephone Set	SD512-740-405
2712B	
Telephone Set	SD512-740-410
2712BM	
Telephone Set	SD512-740-410
2830-Type	
Telephone Set	SD512-740-470
2831-Type	
Telephone Set	SD512-740-470
2832-Type	
Telephone Set	SD512-740-471
2833-Type	
Telephone Set	SD512-740-471
2851-Type	
Telephone Set	SD512-740-480
2852-Type	
Telephone Set	SD512-740-481
500S, SM	
Telephone Set	SD512-710-405
511-Type	
Telephone Set	SD512-710-410
558-Type	
Telephone Set	SD512-710-412
565-Type Plug-Ended	
Telephone Set	SD512-720-405
566MD, MDM	
Telephone Set	SD512-720-406
630-Type	
CALL DIRECTOR* Telephone	SD512-730-400
Telephone Set	SD512-730-400
631-Type	
CALL DIRECTOR* Telephone	SD512-730-400



**SPEAKERPHONE SYSTEM (Cont)**

4A (Cont)

*Connections (Cont)*

Telephone Set	SD512-730-400
632-Type	
CALL DIRECTOR* Telephone Set	SD512-730-400
Telephone Set	SD512-730-400
634-Type	
CALL DIRECTOR* Telephone Set	SD512-730-400
Telephone Set	SD512-730-400
635-Type	
CALL DIRECTOR* Telephone Set	SD512-730-400
Telephone Set	SD512-730-400
660A1	
Telephone Set	SD512-730-450
662-Type	
Telephone Set	SD512-730-455
682AA, AAM	
Telephone Set	SD512-730-460
683AA, AAM	
Telephone Set	SD512-730-460
702B	
Telephone Set	SD512-740-405
711B	
Telephone Set	SD512-740-410
712B	
Telephone Set	SD512-740-410
712BM	
Telephone Set	SD512-740-410
830-Type	
Telephone Set	SD512-740-470
831-Type	
Telephone Set	SD512-740-470
832-Type	
Telephone Set	SD512-740-471
833-Type	
Telephone Set	SD512-740-471
851-Type	
Telephone Set	SD512-740-480
852-Type	
Telephone Set	SD512-740-481
<i>Identification</i>	
108-Type Loudspeaker Set	SD512-700-100
223-Type Adapter	SD512-700-100
680-Type Transmitter	SD512-700-100
82-Type Connecting Block	SD512-700-100
85B1 Power Unit	SD512-700-100
<i>Installation</i>	
108-Type Loudspeaker Set	SD512-700-100
223-Type Adapter	SD512-700-100
680-Type Transmitter	SD512-700-100
82-Type Connecting Block	SD512-700-100
85B1 Power Unit	SD512-700-100
<i>Maintenance</i>	
108-Type Loudspeaker Set	SD512-700-100
223-Type Adapter	SD512-700-100
680-Type Transmitter	SD512-700-100
82-Type Connecting Block	SD512-700-100
85B1 Power Unit	SD512-700-100
<i>Operation</i>	
108-Type Loudspeaker Set	SD512-700-100
223-Type Adapter	SD512-700-100
680-Type Transmitter	SD512-700-100
82-Type Connecting Block	SD512-700-100
85B1 Power Unit	SD512-700-100
<b>SPECIAL SAFEGUARDING MEASURES (SSM)</b>	SB460-110-100

**SPECIAL SERVICE LINES***Protection**Termination*DC Telegraph and Radio Program  
Loops460-110-101  
SB460-110-100**SPECIAL SERVICE PROTECTION (SSP)****SPLIT GATE FINDER CIRCUIT****(SD-5E035-01)***Operation Tests*3A Automatic Call Distributing  
System

476-313-501

**SPLIT GATE GROUP CIRCUIT****(SD-5E050-01)***Operation Tests*3A Automatic Call Distributing  
System

476-313-501

**SPOKESMAN\* TELEPHONE LOUDSPEAKER—SEE****LOUDSPEAKER SET****STACKS USED IN LORAIN PRODUCTS****CORPORATION; RECTIFIER—SEE RECTIFIER****STACKS USED IN LORAIN PRODUCTS****CORPORATION****STAND***Identification*Floor Per ED-69462-50, Group 1  
Floor Per ED-91296-70  
Metal Per ED-95023-70KA463-140-100  
KA463-140-100  
KA463-140-100**STANDARD WARNING DEVICES***Description*Outside Plant Guarding Work  
Areas

620-135-010

*Description and Use*Outside Plant Guarding Work  
Areas

620-135-100

**STAPLER***General*D  
E  
Heller Model TMN  
Markwell L3T080-110-101  
080-110-104  
080-110-102  
080-110-103**STAPLES***General*

080-720-109

**STATION ACCESS CIRCUIT (SD-66885-01)***Operation Tests*Common Group TOUCH-TONE\*  
Calling Equipment with Crossbar  
Link Access Private Branch  
Exchange

540-702-502

**STATION APPARATUS***Assembly*700-Type  
Modular

512-270-200

*Identification*700-Type  
Modular

512-270-100

*Installation*700-Type  
Modular

512-270-200

*Maintenance*700-Type  
Modular

512-270-300

**STATION CONTROLLED DIAL CONFERENCE****TRUNK CIRCUIT***Operation Tests*

756A Private Branch Exchange

551-177-501

<b>STATION DIAL TRANSFER CONTROLLER</b>			
<b>CIRCUIT (SD-66909-01) AND TRANSFER TRUNKS (SD-66921-01)</b>			
<i>Operation Tests</i>			
756A Private Branch Exchange	551-175-501		
757A Private Branch Exchange	551-279-501		
<b>STATION DIAL TRANSFER TRUNK CIRCUIT</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
756A Private Branch Exchange	551-131-210		
<b>STATION DIRECT STATION SELECTION CIRCUIT (SD-66856-01)</b>			
<i>Operation Tests</i>			
701A Private Branch Exchange	540-113-501		
701B Private Branch Exchange	540-113-501		
711A Private Branch Exchange	540-113-501		
711B Private Branch Exchange	540-113-501		
740E Private Branch Exchange	540-113-501		
<b>STATION EQUIPMENT</b>			
<i>Marking Physical Location</i>	KA460-110-130		
<b>STATION EQUIPMENT WITH DIRECT TRUNK TERMINATION; ATTENDANT AND—SEE ATTENDANT AND STATION EQUIPMENT WITH DIRECT TRUNK TERMINATION</b>			
<b>STATION EQUIPMENT; ATTENDANT AND—SEE ATTENDANT AND STATION EQUIPMENT</b>			
<b>STATION EQUIPMENT—SWITCHED LOOP; ATTENDANT AND—SEE ATTENDANT AND STATION EQUIPMENT—SWITCHED LOOP</b>			
<b>STATION LINE CIRCUIT 4-WIRE (SD-67053-01)</b>			
<i>Permanent Signal Feature Test</i>			
758C Private Branch Exchange	551-533-500		
<b>STATION LINE CIRCUIT 4-WIRE (SD-67067-01, SD-67067-02, SD-67087-01, SD-67095-01)</b>			
<i>Operation Tests</i>			
758C (Arranged for Wide Band Secure Voice Operation) Private Branch Exchange	551-533-501		
<b>STATION LINE CIRCUITS</b>			
<i>Operation Tests</i>			
520-Type PBX Emergency Reporting System	473-218-660		
<b>STATION LINE CONCENTRATOR</b>			
<i>Key Telephone Unit</i>			
<i>Connections</i>			
<i>Identification</i>			
235-Type	KB518-310-405		
236-Type	KB518-310-405		
<b>STATION MESSAGE DETAIL RECORDING DIMENSION® PBX Private Branch Exchange</b>		554-010-122	
<b>STATION MESSAGE REGISTER PULSE AND SURCHARGE CIRCUIT (SD-5E021-01)</b>			
<i>Connections</i>			
756A Private Branch Exchange	551-139-210		
<i>Identification</i>			
756A Private Branch Exchange	551-139-210		
<i>Installation</i>			
756A Private Branch Exchange	551-139-210		
<i>Operation Tests</i>			
756A Private Branch Exchange	551-180-501		
<b>STATION MESSAGE REGISTER PULSE CIRCUIT (SD-66915-01)</b>			
<i>Operation Tests</i>			
701B Private Branch Exchange	540-110-501		
701PK Private Branch Exchange	540-110-501		
711B Private Branch Exchange	540-110-501		
711PK Private Branch Exchange	540-110-501		
740E Private Branch Exchange	540-110-501		
757A Private Branch Exchange	551-252-501		
<b>STATION MESSAGE REGISTER SURCHARGE CIRCUIT (SD-66922-01)</b>			
<i>Operation Tests</i>			
701B Private Branch Exchange	540-110-501		
701PK Private Branch Exchange	540-110-501		
711B Private Branch Exchange	540-110-501		
711PK Private Branch Exchange	540-110-501		
740E Private Branch Exchange	540-110-501		
<b>STATION NUMBER CARD</b>			
<i>General</i>			
Numbering Machines-Homs Model 187S	080-118-101		
	501-150-100		
<b>STATION NUMBER CARDS AND HOLDERS</b>			
<b>STATION PROTECTION AND GROUNDS</b>			
<i>Wiring</i>			
<i>Identification</i>		SB460-100-400	
<i>Installation</i>		SB460-100-400	
<i>Selection</i>		SB460-100-400	
<b>STATION RESTRICTION CIRCUIT (SD-5E012-01)</b>			
<i>Connection</i>			
<i>Installation</i>			
<i>Operation Tests</i>			
701A Private Branch Exchange	542-108-100		
701B Private Branch Exchange	542-108-100		
<b>STATION RESTRICTION CIRCUIT (SD-5E015-01)</b>			
<i>Operation Tests</i>			
757A Private Branch Exchange	551-280-501		
<b>STATION RESTRICTION CONTROL CIRCUIT (SD-5E034-01)</b>			
<i>Connection</i>			
701A Private Branch Exchange	542-108-100		
701B Private Branch Exchange	542-108-100		
<i>Installation</i>			
701A Private Branch Exchange	542-108-100		
701B Private Branch Exchange	542-108-100		
<i>Operation Tests</i>			
701A Private Branch Exchange	542-108-100		
701B Private Branch Exchange	542-108-100		
757A Private Branch Exchange	551-280-501		
<b>STATION RINGING APPARATUS</b>			
<i>Limitations</i>		SA500-114-100	
<i>Selection</i>		SA500-114-100	
<b>STATION SELECTION BY STATIONS; DIRECT—SEE DIRECT STATION SELECTION BY STATIONS</b>			
<b>STATION SELECTION CIRCUIT; DIRECT—SEE DIRECT STATION SELECTION CIRCUIT</b>			
<b>STATION SELECTION; DIRECT—SEE DIRECT STATION SELECTION</b>			
<b>STATION SET CABLE EQUALIZER</b>			
<i>Description</i>			
Initial Service (Phase 0)			
PICTUREPHONE® Service (Baseband Video Transmission)		518-800-101	

<b>STATION SET; TELEPHONE—SEE TELEPHONE</b>			
<b>STATION SET</b>			
<b>STATION SETS</b>			
Battery Supply Filter	510-100-180		
Common Battery			
<i>Reference</i>			
Selecting Outdoor Locations	SA502-120-202		
Local Battery			
<i>Selection for General Use</i>		510-100-100	
<b>STATION SETS AND APPARATUS FOR SPECIAL APPLICATIONS</b>			
<i>Selection</i>	500-124-180		
<b>STATION SIGNALING; VOICE—SEE VOICE</b>			
<b>STATION SIGNALING</b>			
<b>STATION TRANSFORMER</b>			
<i>Identification</i>			
KS-16886L2	SA501-136-100		
KS-16940L1	SA501-136-100		
KS-20426L3	SA501-136-100		
KS-5714	SA501-136-100		
2012A	SA501-136-100		
2012B	SA501-136-100		
2075A	SA501-136-100		
2186A	SA501-136-100		
393B	SA501-136-100		
<b>STATION UNIT; MODULAR—SEE MODULAR</b>			
<b>STATION UNIT</b>			
<b>STATION WIRE AND ASSOCIATED APPARATUS</b>			
<i>Identification</i>			
<i>Installation</i>			
B Station Wire	SB461-200-206		
<b>STATION WIRE AND CABLE</b>			
<i>Attaching and Fastening</i>		SB461-200-210	
<b>STATION WIRE CLAMP</b>			
<i>General</i>			
B	080-720-148		
<b>STATION WIRE NAIL</b>			
<i>General</i>			
B	080-720-107		
<b>STATION WIRE; B—SEE B STATION WIRE</b>			
<b>STATION; COIN—SEE COIN STATION</b>			
<b>STATIONARY SLEEVE</b>			
<i>Piece-Part Data and Replacement</i>			
<i>Procedures</i>		075-120-801	
<i>Requirements and Adjusting</i>			
<i>Procedures</i>		075-120-701	
<b>STATUS INDICATOR; LINE—SEE LINE STATUS INDICATOR</b>			
<b>STC (USING KS-20721 STATION COUPLER)</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
Voice Connecting Arrangement	IA463-340-103		
<b>STEP; POLE—SEE POLE STEP</b>			
<b>STP (USING 120-TYPE IU)</b>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
Interconnecting Unit Protective Connecting Arrangement	IA463-341-101		
<b>STRAND-MOUNTED</b>			
<i>Wire Terminals</i>			
<i>Drop and Block Wiring</i>			
<i>General Precautions</i>		SB460-300-145	
<b>STRAP; SAFETY—SEE SAFETY STRAP STRAPS</b>			
<i>Method of Placing</i>		069-133-801	
<b>STRIPPER; BRAID—SEE BRAID STRIPPER STRIPPER; CABLE—SEE CABLE STRIPPER STRIPS AND CARDS; DESIGNATION —SEE DESIGNATION STRIPS AND CARDS; STRIPS; DESIGNATION—SEE DESIGNATION STRIPS</b>			
<b>STS (USING KS-20721 STATION COUPLER)</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
Protective Connecting Arrangement	IA463-340-102		
<b>STUD DRIVER; B—SEE B STUD DRIVER</b>			
<b>STUD-TYPE SWITCH</b>			
<i>Procedures for Cleaning and Treatment</i>		069-321-801	
<b>SUB-CYCLE RINGING GENERATOR</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
KS-20392	163-321-101		
<b>SUBSCRIBER EQUIPMENT</b>			
SLC-1			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Material</i>			
<i>Removal</i>			
Outside Plant	502-204-100		
<b>SUBSCRIBER LINE VERIFICATION</b>			
<i>Automatic Number Announcement Circuit</i>		460-300-102	
<b>SUBSCRIBER LOOP CARRIER SYSTEM</b>			
U-1 Carrier			
<i>General Description</i>			
Central Office Plug-In Unit	970-170-100		
Subscriber Set 700-Type	970-170-100		
U1 Carrier			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
700-Type			
Subscriber Set	502-203-100		
<b>SUBSCRIBER SET</b>			
Magneto			
<i>Connections</i>		510-310-401	
D-176680	510-310-402		
Ringers Only	510-310-400		
299F	510-310-402		
400A			
Hand Telephone Sets	510-310-403		
400A, K	510-410-400		
400CD	510-410-401		
Hand Telephone Sets	510-310-404		
400K			
Hand Telephone Sets	510-310-403		

## SUBSCRIBER SET (Cont)

## Magneto (Cont)

## Connections (Cont)

415CD	510-310-406
415CD	510-410-402
415E	510-310-405
415H	510-310-406
415H	510-410-402

## Maintenance

Switchhook Assembly 143A	510-310-300
Switchhook Assembly 143Y	510-310-300

## Ringers Only

## Selection for General Use

E1C	500-130-180
F1A	500-130-180
L2A	500-130-180
531A	500-130-180
592A	500-130-180
592B	500-130-180
592C	500-130-180
687A	500-130-180
687B	500-130-180

## Subscriber Set

## Connections

General	510-110-100
1690-Type	502-200-408
2690-Type	502-200-408
392L	502-210-400
531A	502-210-400
534DE	502-210-400
534DF	502-210-400
584DE	502-210-400
584DF	502-210-400
592A	502-210-400
634A	502-200-400
Used with Coin Collectors	CA506-215-400
634AT	502-200-401
634BA	502-200-400
Used with Coin Collectors	CA506-215-400
634BB	510-110-400
634BC	502-200-402
Used with Coin Collectors	CA506-215-401
634C	502-200-400
634CE	502-200-403
634CG	
Used with Coin Collectors	CA506-215-402
634CH	
Used with Coin Collectors	CA506-215-402
634CK	
Used with Coin Collectors	CA506-215-402
634CL	
Used with Coin Collectors	CA506-215-402
634Y	510-110-401
634YD	510-110-402
634YD	510-205-400
634YDT	510-110-403
634YE	510-205-401
634YT	510-110-405
684A	502-200-400
Used with Coin Collectors	CA506-215-400
684BA	502-200-400
Used with Coin Collectors	CA506-215-400
684BC	502-200-402
Used with Coin Collectors	CA506-215-401
684BT	502-210-400
684C	502-200-400

## SUBSCRIBER SET (Cont)

## Subscriber Set (Cont)

## Connections (Cont)

684CK	
Used with Coin Collectors	CA506-215-402
684CL	
Used with Coin Collectors	CA506-215-402
685A	502-200-404
Used with Coin Collectors	CA506-215-403
685B	
Used with Coin Collectors	CA506-215-404
685C	502-200-405
686A	502-200-406
687A	502-210-400
687D	502-200-407
688-Type	502-200-408
689A1	502-200-410
689A2	502-200-410
689C1	502-200-410
689C2	502-200-410
689D1	502-200-410
689D2	502-200-410
689E1	502-200-410
689E2	502-200-410
690-Type	502-200-408
694-Type	502-201-100
695-Type	502-201-102
698A	
CODE-COM	502-201-105
700-Type	
U1 Carrier Subscriber Loop	
Carrier System	502-203-100
Identification	
1690-Type	502-200-102
2690-Type	502-200-102
531-Type	502-200-100
584-Type	502-200-100
592-Type	502-200-100
634-Type	502-200-100
684-Type	502-200-100
685-Type	502-200-100
686-Type	502-200-100
687-Type	502-200-100
688-Type	502-200-102
690-Type	502-200-102
691A	502-200-101
694-Type	502-201-100
695-Type	502-201-102
698A	
CODE-COM	502-201-105
700-Type	
U1 Carrier Subscriber Loop	
Carrier System	502-203-100
Installation	
L1A Ringer	
Loud Ringing Bell	502-200-200
392-Type	
Loud Ringing Bell	502-200-200
592-Type	
Loud Ringing Bell	502-200-200
700-Type	
U1 Carrier Subscriber Loop	
Carrier System	502-203-100
Installation/Test	
698A	
CODE-COM	502-201-105

<b>SUBSCRIBER SET (Cont)</b>			
Subscriber Set (Cont)			
Maintenance			
531C	502-200-300		
687B	502-200-300		
698A			
CODE-COM	502-201-105		
700-Type			
U1 Carrier Subscriber Loop			
Carrier System	502-203-100		
<b>SUPERVISOR TELEPHONE POSITION</b>			
Operation Tests			
2A Automatic Call Distributing			
System	476-227-501		
3A Automatic Call Distributing			
System	476-309-501		
<b>SUPERVISORY DEVICE LINE CIRCUIT</b>			
Operation Tests			
520-Type PBX Emergency			
Reporting System	473-218-660		
<b>SUPPLEMENTARY MODULES; BASIC AND—SEE BASIC AND SUPPLEMENTARY MODULES</b>			
<b>SUPPLY; POWER—SEE POWER SUPPLY</b>			
<b>SUPPLY; RINGING—SEE RINGING SUPPLY</b>			
<b>SUPPORT CLIP</b>			
Identification			
B	080-720-152		
<b>SUPPORT; INSULATOR—SEE INSULATOR SUPPORT</b>			
<b>SUPPORT; LADDER—SEE LADDER SUPPORT</b>			
<b>SUPPRESSION AND ANTI-SING CIRCUIT; ECHO—SEE ECHO SUPPRESSION AND ANTI-SING CIRCUIT</b>			
<b>SUT</b>			
Connections			
Identification			
Installation			
Operation			
Protective Connecting			
Arrangement	463-331-106		
<b>SU3 (USING KS-20445 CONTROL UNIT)</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
Voice Connecting Arrangement	IA463-340-100		
<b>SU4 (USING KS-20445 CONTROL UNIT)</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
Voice Connecting Arrangement	IA463-340-100		
<b>SU6 (USING KS-20445 CONTROL UNIT)</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
Voice Connecting Arrangement	IA463-340-100		
<b>SU6AQ (USING KS-20721 STATION COUPLER)</b>			
Connections			
<b>SU6AQ (USING KS-20721 STATION (Cont)</b>			
Identification			
Installation			
Maintenance			
Operation			
Protective Connecting			
Arrangement	IA463-340-102		
<b>SU7 (USING KS-20445 CONTROL UNIT)</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
Voice Connecting Arrangement	IA463-340-100		
<b>SU7QW (USING KS-20721 VOICE COUPLER)</b>			
Connections			
Identification			
Installation			
Maintenance			
Operation			
Protective Connecting			
Arrangement	IA463-340-104		
<b>SWITCH</b>			
Out Trunk			
Procedures for Cleaning and			
Treating Bank Contacts	069-502-801		
Plunger-Type			
Procedures for Cleaning and			
Treating Bank Contacts	069-502-801		
Primary and Secondary Line			
Procedures for Cleaning and			
Treating Bank Contacts	069-502-801		
Switch			
Connections			
Foot, KS-16821	463-245-100		
Identification			
Foot, KS-16821	463-245-100		
Modular			
For Telephone Sets	463-241-100		
Outdoor Cutoff KS-20235L1	463-246-100		
236E			
For Telephone Sets	463-241-100		
236F			
For Telephone Sets	463-241-100		
Installation			
Modular			
For Telephone Sets	463-241-100		
Outdoor Cutoff KS-20235L1	463-246-100		
236E			
For Telephone Sets	463-241-100		
236F			
For Telephone Sets	463-241-100		
Maintenance			
Modular			
For Telephone Sets	463-241-100		
236E			
For Telephone Sets	463-241-100		
236F			
For Telephone Sets	463-241-100		
<b>SWITCH (197-TYPE)</b>			
Replacing			
Contacts	069-310-802		
Contacts Replacement	069-310-804		

## SWITCH UNIT

J1H011A

*Connections*

Attendant Direct Station

Selection Console

No. 101 Electronic Switching

System

240-204-202

*Identification*

No. 101 Electronic Switching

System

240-201-201

*Installation*

No. 101 Electronic Switching

System

240-201-201

Attendant Direct Station

Selection Console

No. 101 Electronic Switching

System

240-204-202

*Manual Tests*

No. 101 Electronic Switching

System

240-226-501

*Tests and Inspections at Time of**Installation*

No. 101 Electronic Switching

System

240-209-201

*Tests using 124A Test Set**SD-1H070-01*

Attendant Circuit

No. 101 Electronic Switching

System

240-234-501

Attendant Number Translator

Circuit

No. 101 Electronic Switching

System

240-233-501

Bus Clamp and Interbus Switch

Circuit

No. 101 Electronic Switching

System

240-237-501

Clock Circuit

No. 101 Electronic Switching

System

240-229-501

Data Distributor Circuit

No. 101 Electronic Switching

System

240-228-501

Data Receiver Circuit

No. 101 Electronic Switching

System

240-227-501

Data Transmitter Circuit

No. 101 Electronic Switching

System

240-240-501

Line Number Translator Circuit

No. 101 Electronic Switching

System

240-232-501

Ring-Ringback Logic Circuit

No. 101 Electronic Switching

System

240-231-501

Scanner Circuit

No. 101 Electronic Switching

System

240-239-501

Switch Store Circuit

No. 101 Electronic Switching

System

240-230-501

Test Line Circuit

No. 101 Electronic Switching

System

240-236-501

## SWITCH UNIT (Cont)

J1H011A (Cont)

*Tests using 124A Test Set (Cont)*

Tone Generators Circuit

No. 101 Electronic Switching

System

240-238-501

Transfer and Alarms Circuit

No. 101 Electronic Switching

System

240-235-501

1A

*Connections*

Miscellaneous Equipment

No. 101 Electronic Switching

System

240-207-201

*Identification*

Miscellaneous Equipment

No. 101 Electronic Switching

System

240-207-201

*Installation*

Miscellaneous Equipment

No. 101 Electronic Switching

System

240-207-201

*Leakage Test of 443A (PNPN) Diodes*

No. 101 Electronic Switching

System

240-226-502

2A

*Connections*

No. 101 Electronic Switching

System

240-245-201

Direct Station Selection

Console

No. 101 Electronic Switching

System

240-246-202

Miscellaneous Equipment

No. 101 Electronic Switching

System

240-248-201

*Connections from Switch Unit Frames**to Locally Provided Distributing**Frame*

No. 101 Electronic Switching

System

240-245-203

*Description of System Operation*

No. 101 Electronic Switching

System

240-101-102

*General Guide to Trouble Analysis*

No. 101 Electronic Switching

System

240-250-301

*Identification*

No. 101 Electronic Switching

System

240-245-201

Miscellaneous Equipment

No. 101 Electronic Switching

System

240-248-201

*Installation*

No. 101 Electronic Switching

System

240-245-201

Direct Station Selection

Console

No. 101 Electronic Switching

System

240-246-202

Miscellaneous Equipment

No. 101 Electronic Switching

System

240-248-201

*Manual Tests*

No. 101 Electronic Switching

System

240-251-501

**SWITCH UNIT (Cont)****2A (Cont)***Operation Test*

Direct Station Selection

Console

No. 101 Electronic Switching  
System

240-252-501

*Service Options*No. 101 Electronic Switching  
System

240-245-201

*Tests and Inspections at Time of  
Installation*No. 101 Electronic Switching  
System

240-249-201

*Trouble Locating Procedure*

Attendant Circuit using 131A

Test Set

No. 101 Electronic Switching  
System

240-253-509

Bounce Test

No. 101 Electronic Switching  
System

240-253-504

Cured by Grand Slam using 131A

Test Set

No. 101 Electronic Switching  
System

240-253-501

Digit Trunk Test using 131A

Test Set

No. 101 Electronic Switching  
System

240-253-512

During 24-Hour Maintenance  
using 131A Test SetNo. 101 Electronic Switching  
System

240-253-510

Failure Detected by Time

Division Control Disable Using  
131A Test SetNo. 101 Electronic Switching  
System

240-253-503

Group Translator Test

No. 101 Electronic Switching  
System

240-253-506

Immediate or Interrupted Ring  
TestNo. 101 Electronic Switching  
System

240-253-507

Intergroup Switch Test using  
131A Test SetNo. 101 Electronic Switching  
System

240-253-511

Resulting in a Scanner Switch  
using 131A Test SetNo. 101 Electronic Switching  
System

240-253-502

Transmission Test

No. 101 Electronic Switching  
System

240-253-508

*Trouble Location Procedure*

Force Off-Hook Test

No. 101 Electronic Switching  
System

240-253-505

**200 Line***Description of System Operation*No. 101 Electronic Switching  
System

240-101-101

**SWITCH UNIT (Cont)****3A***Connections*No. 101 Electronic Switching  
System

240-255-201

Direct Station Selection

Console

No. 101 Electronic Switching  
System

240-256-202

Miscellaneous Equipment

No. 101 Electronic Switching  
System

240-258-201

*Description of System Operation*No. 101 Electronic Switching  
System

240-101-103

*General Guide to Trouble Analysis*No. 101 Electronic Switching  
System

240-260-301

*Identification*No. 101 Electronic Switching  
System

240-255-201

Miscellaneous Equipment

No. 101 Electronic Switching  
System

240-258-201

*Installation*No. 101 Electronic Switching  
System

240-255-201

Direct Station Selection

Console

No. 101 Electronic Switching  
System

240-256-202

Miscellaneous Equipment

No. 101 Electronic Switching  
System

240-258-201

*Installation and Connection of  
J1H013E Frame to an Operating  
Switch Unit*No. 101 Electronic Switching  
System

240-255-204

*Manual Tests*No. 101 Electronic Switching  
System

240-261-501

*Operation Test*

Direct Station Selection

Console

No. 101 Electronic Switching  
System

240-262-501

*Service Options*No. 101 Electronic Switching  
System

240-255-201

*Tests and Inspections at Time of  
Installation*No. 101 Electronic Switching  
System

240-259-201

*Trouble Locating Procedure*

Attendant Circuit using 131A

Test Set

No. 101 Electronic Switching  
System

240-263-509

Bounce Test

No. 101 Electronic Switching  
System

240-263-504

Cured by Grand Slam using 131A

Test Set

No. 101 Electronic Switching  
System

240-263-501

## SWITCH UNIT (Cont)

## 3A (Cont)

*Trouble Locating Procedure (Cont)*

Digit Trunk Test using 131A

Test Set

No. 101 Electronic Switching System

240-263-512

During 24-Hour Maintenance using 131A Test Set

No. 101 Electronic Switching System

240-263-510

Force Off-Hook Test

No. 101 Electronic Switching System

240-263-505

Group Translator Test

No. 101 Electronic Switching System

240-263-506

Immediate or Interrupted Ring Test

No. 101 Electronic Switching System

240-263-507

Intergroup Switch Test using 131A Test Set

No. 101 Electronic Switching System

240-263-511

Resulting in a Scanner Switch using 131A Test Set

No. 101 Electronic Switching System

240-263-502

Synch Test using 131A Test Set

No. 101 Electronic Switching System

240-263-513

Transmission Test

No. 101 Electronic Switching System

240-263-508

## 3A

*Connections from Switch Unit Frames to Locally Provided Distributing Frame and for 1B- and 2B-Type Attendant Consoles*

No. 101 Electronic Switching System

240-255-202

## 4A

*Audit Procedures*

No. 101 Electronic Switching System

240-270-101

*Connections*

No. 101 Electronic Switching System

240-265-201

*Description of System Operation*

No. 101 Electronic Switching System

240-101-104

*General Guide to Trouble Analysis*

No. 101 Electronic Switching System

240-270-301

*Identification*

No. 101 Electronic Switching System

240-265-201

*Installation*

No. 101 Electronic Switching System

240-265-201

*Manual Tests*

No. 101 Electronic Switching System

240-271-501

## SWITCH UNIT (Cont)

## 4A (Cont)

*Service Options*

No. 101 Electronic Switching System

240-265-201

*Tests and Inspections at Time of Installation*

No. 101 Electronic Switching System

240-269-201

*Trouble Locating Procedure*

Attendant Circuit using 131A

Test Set

No. 101 Electronic Switching System

240-263-509

Bounce Test

No. 101 Electronic Switching System

240-263-504

Cured by Grand Slam using 131A Test Set

No. 101 Electronic Switching System

240-263-501

Digit Trunk Test using 131A

Test Set

No. 101 Electronic Switching System

240-263-512

During 24-Hour Maintenance using 131A Test Set

No. 101 Electronic Switching System

240-263-510

Force Off-Hook Test

No. 101 Electronic Switching System

240-263-505

Group Translator Test

No. 101 Electronic Switching System

240-263-506

Immediate or Interrupted Ring Test

No. 101 Electronic Switching System

240-263-507

Intergroup Switch Test using 131A Test Set

No. 101 Electronic Switching System

240-263-511

Resulting in a Scanner Switch using 131A Test Set

No. 101 Electronic Switching System

240-263-502

Synch Test using 131A Test Set

No. 101 Electronic Switching System

240-263-513

Transmission Test

No. 101 Electronic Switching System

240-263-508

## SWITCH UNIT

J1H011A

*Connections*

No. 101 Electronic Switching System

240-202-201

## SWITCH UNIT

J1H011A

*Connections*Attendant Equipment  
No. 101 Electronic Switching System

240-204-201

SWITCH; CROSSBAR—SEE CROSSBAR SWITCH  
SWITCH; ROTARY—SEE ROTARY SWITCH



## SWITCH; STUD-TYPE—SEE STUD-TYPE

## SWITCH

## SWITCH; VOICE-CONTROLLED—SEE

## VOICE-CONTROLLED SWITCH

## SWITCHBOARD

## Blind Attendant Equipment

## Identification

Nonmultiple PBX 534-413-210

## Installation

Nonmultiple PBX 534-413-210

## Operation Test

Nonmultiple PBX 534-413-501

## Switchboard

## Fundamental Circuit and Operating

## Features

Common Manual PBX 534-400-110

## General Inspection

PBX 534-400-565

## Identification

## 9A Handset Hangers

Nonmultiple PBX 534-500-207

## Installation

## 552A, B, D, E PBX

Manual Conference Circuit  
with Voice Amplifier  
(SD-65738-01) 534-420-220

## 556A PBX

Manual Conference Circuit  
with Voice Amplifier  
(SD-65738-01) 534-420-220

## 605A PBX

Manual Conference Circuit  
with Voice Amplifier  
(SD-65738-01) 534-420-220

## 606B PBX

Manual Conference Circuit  
with Voice Amplifier  
(SD-65738-01) 534-420-220

## 607A, B PBX

Manual Conference Circuit  
with Voice Amplifier  
(SD-65738-01) 534-420-220

## 608A, B, D PBX

Manual Conference Circuit  
with Voice Amplifier  
(SD-65738-01) 534-420-220

## 9A Handset Hangers

Nonmultiple PBX 534-500-207

## Operation Tests

## 550 PBX

Manual Conference Circuits  
With or Without Voice  
Repeater (SD-65719-01) 534-420-510

## 551 PBX

Manual Conference Circuits  
With or Without Voice  
Repeater (SD-65719-01) 534-420-510

## 552 PBX

Manual Conference Circuits  
With or Without Voice  
Repeater (SD-65719-01) 534-420-510

## 555 PBX

Manual Conference Circuits  
With or Without Voice  
Repeater (SD-65719-01) 534-420-510

## SWITCHBOARD (Cont)

## Switchboard (Cont)

## Operation Tests (Cont)

## 556A PBX

Manual Conference Circuits  
With or Without Voice  
Repeater (SD-65719-01) 534-420-510

## 557A PBX

Manual Conference Circuits  
With or Without Voice  
Repeater (SD-65719-01) 534-420-510

## 600 PBX

Manual Conference Circuits  
With or Without Voice  
Repeater (SD-65719-01) 534-420-510

## 605 PBX

Manual Conference Circuits  
With or Without Voice  
Repeater (SD-65719-01) 534-420-510

## 607 PBX

Manual Conference Circuits  
With or Without Voice  
Repeater (SD-65719-01) 534-420-510

## 608A, D PBX

Manual Conference Circuits  
With or Without Voice  
Repeater (SD-65719-01) 534-420-510Operation Tests Using Jack Mounting  
ED-60613-30, G3 and G4

## 608B PBX

Attendant Loop Circuit  
(SD-65830-01) Arranged for  
Inward Dialing 538-080-512

## 608D PBX

Attendant Loop Circuit  
(SD-65830-01) Arranged for  
Inward Dialing 538-080-512Operation Tests Using PBX Cord  
Circuit Test Set (SD-66484-01,  
J54703A)

## 608B PBX

Cord Circuit (SD-65832-01)  
Position Circuit  
(SD-65833-01) 538-082-524

## 608D

Cord Circuit (SD-67035-01)  
Position Circuit  
(SD-67037-01) 538-086-524

## Transmission and Operation Tests

## 552A, B, D, E PBX

Manual Conference Circuit  
with Voice Amplifier  
(SD-65738-01) 534-420-520

## 556A PBX

Manual Conference Circuit  
with Voice Amplifier  
(SD-65738-01) 534-420-520

## 605A PBX

Manual Conference Circuit  
with Voice Amplifier  
(SD-65738-01) 534-420-520

## 606B PBX

Manual Conference Circuit  
with Voice Amplifier  
(SD-65738-01) 534-420-520

**SWITCHBOARD (Cont)**

## Switchboard (Cont)

*Transmission and Operation Tests (Cont)*

## 607A PBX

Manual Conference Circuit  
with Voice Amplifier  
(SD-65738-01) 534-420-520

## 608A, D PBX

Manual Conference Circuit  
with Voice Amplifier  
(SD-65738-01) 534-420-520

## 608A

*Connections*

756A Private Branch  
Exchange 538-081-215

757A Private Branch  
Exchange 538-081-215

800A Private Branch  
Exchange 538-081-215

*Identification*

756A Private Branch  
Exchange 538-081-215

757A Private Branch  
Exchange 538-081-215

800A Private Branch  
Exchange 538-081-215

*Installation*

756A Private Branch  
Exchange 538-081-215

757A Private Branch  
Exchange 538-081-215

800A Private Branch  
Exchange 538-081-215

## 608A PBX

*Operation Tests Using PBX Cord**Circuit Test Set (SD-66484-01,**J54703A)*

Cord Circuit ES-65841-01  
Arranged for Customer Group  
Service No. 5 Centrex 538-080-528

Position Circuit ES-65840-01  
Arranged for Customer Group  
Service No. 5 Centrex 538-080-528

Position TOUCH-TONE Calling  
Circuit ES-65842-01  
Arranged for Customer Group  
Service No. 5 Centrex 538-080-528

## 608D

*Connections*

756A Private Branch  
Exchange 538-085-215

757A Private Branch  
Exchange 538-085-215

800A Private Branch  
Exchange 538-085-215

*Identification*

756A Private Branch  
Exchange 538-085-215

757A Private Branch  
Exchange 538-085-215

800A Private Branch  
Exchange 538-085-215

*Installation*

756A Private Branch  
Exchange 538-085-215

**SWITCHBOARD (Cont)**

## 608D (Cont)

*Installation (Cont)*

757A Private Branch  
Exchange 538-085-215

800A Private Branch  
Exchange 538-085-215

**SWITCHBOARD CIRCUITS***Operation Tests*

## 608-Type

757A Private Branch  
Exchange 551-297-501

**SWITCHBOARD CLOCK***Installation*

557B Private Branch  
Exchange 473-602-201

**SWITCHBOARD EQUIPMENT***General Cleaning*

069-379-801

**SWITCHBOARD PLUGS***Cleaning using the 497A or 497B**Tool*

069-380-813

**SWITCHED DIGITAL DATA SYSTEM***Description*

758C Switching System 551-566-305

758C Switching System 551-568-300

*General Description*

758C Switching System 981-664-101

*Maintenance Procedures*

758C Switching System 551-560-300

*Method of Operation*

758C Switching System 551-563-305

758C Switching System 551-566-305

758C Switching System 551-568-300

758C Switching System 551-568-300

758C Switching System 551-563-500

758C Switching System 551-561-500

758C Switching System 551-566-502

758C Switching System 551-564-500

758C Switching System 551-569-500

758C Switching System 551-566-500

758C Switching System 551-566-500

758C Switching System 551-564-500

758C Switching System 551-569-500

758C Switching System 551-569-500

758C Switching System 551-569-500

758C Switching System 551-569-500

758C Switching System 551-566-500

**SWITCHES***Cleaning Requirements and*

*Procedures*

197-Type 069-501-801

198-Type 069-501-801

*Soldering Strap Wires*

300 and Similar Type 069-141-811

**SWITCHES AND MASTER SWITCHES; LINE—SEE****LINE SWITCHES AND MASTER SWITCHES****SWITCHES; LINE—SEE LINE SWITCHES****SWITCHING CABINETS***Connections*

761A Private Branch Exchange 551-700-210

761B Private Branch Exchange 551-720-210

770A Private Branch Exchange 551-770-200

800A (Customer Package) Private

Branch Exchange 553-100-211

800A Private Branch Exchange 553-100-210

**SWITCHING CABINETS (Cont)***Identification*

701PK Private Branch Exchange	542-015-201
756A Private Branch Exchange	551-100-210
757A Private Branch Exchange	551-200-210
761A Private Branch Exchange	551-700-210
761B Private Branch Exchange	551-720-210
800A (Customer Package) Private Branch Exchange	553-100-211
800A Private Branch Exchange	553-100-210

*Installation*

701PK Private Branch Exchange	542-015-201
756A Private Branch Exchange	551-100-210
757A Private Branch Exchange	551-200-210
761A Private Branch Exchange	551-700-210
761B Private Branch Exchange	551-720-210
770A Private Branch Exchange	551-770-200

800A (Customer Package) Private Branch Exchange	553-100-211
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*Installation Tests*

800A (Customer Package) Private Branch Exchange	553-100-211
800A Private Branch Exchange	553-100-210

*Tests and Inspections at Time of Installation*

770A Private Branch Exchange	551-770-200
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**SWITCHING CONTROL CENTER SYSTEM**

## No. 2

*Description*

Electronic Switching System Application (No. 101)	190-119-110
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*Emergency Action Procedure*

Electronic Switching System Application (No. 101)	190-119-311
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*Operation and Trouble Analysis Procedures*

Electronic Switching System Application (No. 101)	190-119-310
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**SWITCHING DIGITAL DATA SYSTEM***Description*

758C Switching System	551-560-100
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*Method of Operation*

758C Switching System	551-560-100
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*Operation Test*

758C Switching System	551-562-500
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758C Switching System	551-566-502
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758C Switching System	551-567-500
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**SWITCHING NETWORK AND NETWORK CONTROL**

## CIRCUIT (5D-1E010-01)

*Operation Tests*

800A Private Branch Exchange	553-124-501
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**SWITCHING SYSTEM***Description*

758C Private Branch Exchange	981-664-100
------------------------------	-------------

## 300

*General Descriptive Information*

Station Systems	981-205-100
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*Method of Operation*

480-710-301	
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*Operational Sketches*

Land Line Operation	480-710-400
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Radio Line Operation	480-710-401
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**SWITCHING SYSTEM (Cont)**

## 300 (Cont)

*Overall Tests Using J53026BN**Portable Test Box or J53026EW*

<i>Portable Test Set with Dial Pulse Counter</i>	480-710-501
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<i>Position Equipment Identification Sequence Charts</i>	480-710-100
--	-------------

<i>Land Line Operation</i>	480-710-400
----------------------------	-------------

<i>Radio Line Operation</i>	480-710-401
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## 301

<i>General Description</i>	981-204-100
----------------------------	-------------

<i>Method of Operation</i>	480-709-301
----------------------------	-------------

## 301A

<i>General Description</i>	981-204-105
----------------------------	-------------

<i>Line-Up and Overall Tests</i>	480-708-501
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<i>Method of Operation</i>	480-708-301
----------------------------	-------------

## 302

<i>General Description</i>	981-204-106
----------------------------	-------------

<i>Inspections</i>	480-707-501
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<i>Line-up</i>	480-707-501
----------------	-------------

<i>Method of Operation</i>	480-707-301
----------------------------	-------------

<i>Tests</i>	480-707-501
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## 304

<i>General Description</i>	981-206-100
----------------------------	-------------

<i>Overall Tests</i>	480-711-500
----------------------	-------------

## 305

<i>General Description</i>	981-207-100
----------------------------	-------------

<i>For BUIC Phase-III Operation</i>	981-207-101
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<i>Training and Simulation</i>	981-207-102
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## 306

*Connections*

<i>Residence Station Apparatus</i>	
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<i>Command Post Alerting</i>	
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<i>Network (COPAN)</i>	480-713-100
------------------------	-------------

*Description*

<i>AUTOVON Access Line Sharing</i>	
------------------------------------	--

<i>Circuit</i>	480-713-501
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<i>General Description</i>	981-208-100
----------------------------	-------------

*Identification*

<i>Residence Station Apparatus</i>	
------------------------------------	--

<i>Command Post Alerting</i>	
------------------------------	--

<i>Network (COPAN)</i>	480-713-100
------------------------	-------------

*Installation*

<i>Residence Station Apparatus</i>	
------------------------------------	--

<i>Command Post Alerting</i>	
------------------------------	--

<i>Network (COPAN)</i>	480-713-100
------------------------	-------------

<i>Line-Up and Overall Tests</i>	480-713-500
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*Lineup*

<i>AUTOVON Access Line Sharing</i>	
------------------------------------	--

<i>Circuit</i>	480-713-501
----------------	-------------

<i>Method of Operation</i>	
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<i>Console</i>	480-713-301
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<i>Turret</i>	480-713-301
---------------	-------------

*Testing*

<i>AUTOVON Access Line Sharing</i>	
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<i>Circuit</i>	480-713-501
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## 307

*Description*

<i>Telephone Set, 2626A1</i>	480-714-105
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<i>Alarm Circuit Unit</i>	480-714-106
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<i>Dual Access Switch</i>	
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<i>J53037C</i>	480-714-104
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<i>Line Circuit Transfer Unit</i>	
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<i>J53037B</i>	480-714-102
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<i>J53037F</i>	480-714-102
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## SWITCHING SYSTEM (Cont)

307 (Cont)

*Description (Cont)*

J53037L	480-714-102
Sequence Circuit Unit	
J53037D	480-714-103
4-Wire CO Line Circuit Unit	480-714-101
<i>General Description</i>	981-209-100
<i>Installation</i>	480-714-200
<i>Maintenance Tests</i>	
Key Telephone Set, 2626A1	480-714-305
Alarm Circuit	480-714-306
Dual Access Switch	
J53037C	480-714-304
Line Transfer Circuit Unit	
J53037B	480-714-302
J53037F	480-714-302
J53037L	480-714-302
Sequence Circuit	
J53037D	480-714-303
4-Wire CO Line Circuit Unit	480-714-301
<i>Out-of-Service Test Procedures</i>	
High-Speed Send/Receive Station	480-714-501
<i>Station Test Procedures</i>	480-714-500

309

*Connections*

Four-Wire Central Office Line, J53041A	480-716-200
Line Pickup, J53041B and Common Audible Unit	480-716-200
Transfer and Auxiliary Transfer, J53041C	480-716-200
<i>General Description</i>	
Autovon	981-210-100

*Identification*

Four-Wire Central Office Line, J53041A	480-716-200
Line Pickup, J53041B and Common Audible Unit	480-716-200
Transfer and Auxiliary Transfer, J53041C	480-716-200

*In-Service Operational Tests*

<i>Installation</i>	480-716-501
Four-Wire Central Office Line, J53041A	480-716-200
Line Pickup, J53041B and Common Audible Unit	480-716-200
Transfer and Auxiliary Transfer, J53041C	480-716-200

*Tests and Inspections During*

<i>Installation</i>	
Four-Wire Central Office Line, J53041A	480-716-200
Line Pickup, J53041B and Common Audible Unit	480-716-200
Transfer and Auxiliary Transfer, J53041C	480-716-200

310

<i>General Description</i>	981-211-100
<i>Line-Up and Overall Tests</i>	480-717-500
<i>Method of Operation</i>	480-717-300

400

<i>General Description</i>	981-224-100
<i>Identification</i>	518-710-100
<i>Installation</i>	518-710-200

## SWITCHING SYSTEM (Cont)

400 (Cont)

*Method of Connecting*

Cabinet Assemblies J53035A, L1, L2	518-710-400
Cabinet Assemblies J53035A, L10, L11	518-710-402
Cabinet Assemblies J53035A, L3, L4, L8, L9	518-710-401
<i>Operating Methods</i>	
Call Progress Indicator Set	518-710-506
<i>Operation Tests</i>	
Alarm Circuit	518-710-500
Busy-Tone Trunk	518-710-505
Dial Pulse Register Circuits	518-710-504
Junctor Circuits	518-710-503
Key Telephone Line and Add-On Circuit	518-710-501
Line, Link, and Marker Circuits	518-710-502
TONE-TOUCH* Calling	518-710-507

758A/B

*Circuit Test*

Dial Pulse Register Circuit	551-470-504
Marker Circuit (SD-65912-01)	551-470-502

*Method of Operation*

Console Circuit (SD-65925-01)	551-470-300
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*Operation Test*

Busy-Tone Trunk (SD-65919-01)	551-470-506
Dial or Manual Line Circuit (SD-67114-01)	551-470-501
Flutter-Flash Lamp Signal Supply Circuit (SD-67076-01)	551-470-505
Interrupter Circuit (SD-65923-01)	551-470-507
Link and Selectmagnet Connector Circuit (SD-65913-01)	551-470-503
Traffic and Trouble Registers	551-470-508
<i>Operation Tests</i>	
Alarms	551-470-500

758C

*Description*

BIT Performance Monitor	551-560-100
Billing Information Transmitter (BIT)	551-560-100
Decoder Marker Test Circuit (SD-67118-01)	551-566-305
Load Detection Circuit	551-560-100
Switched Digital Data System	551-566-305
Switching Digital Data System	551-560-100
Call Progress Circuit	551-568-300
Switched Digital Data System	551-568-300
Trouble Recorder Interface Circuit	551-568-300
Trouble Recording Arrangement	551-568-300

*General Description*

Switched Digital Data System	981-664-101
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*Maintenance Procedures*

Billing Information Transmitter (BIT)	551-560-300
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**SWITCHING SYSTEM (Cont)**

758C (Cont)

*Maintenance Procedures (Cont)*

BIT Performance Monitor 551-560-300  
 Load Detection Circuit 551-560-300  
 Switched Digital Data System 551-560-300

*Method of Operation*

BIT Performance Monitor 551-560-100  
 Brlling Information Transmitter (BIT) 551-560-100  
 Digital Register-Sender Interface Unit 551-563-305  
 Load Detection Circuit 551-560-100  
 Switched Digital Data System 551-563-305  
 Switching Digital Data System 551-560-100

Decoder Marker Test Circuit (SD-67118-01) 551-566-305  
 Switched Digital Data System 551-566-305

Call Progress Circuit 551-568-300  
 Switched Digital Data System 551-568-300  
 Trouble Recorder Interface Circuit 551-568-300  
 Trouble Recording Arrangement 551-568-300

*Operating Test*

Alarms 551-510-500

*Operation Test*

Digital Register-Sender Digital Trunk Circuit (SD-73096-01) 551-562-500  
 Switched Digital Data System 551-563-500  
 Switching Digital Data System 551-562-500

Decoder-Marker Connector Circuit 551-566-502  
 Switching Digital Data System 551-566-502

Link and Connector Circuit 551-567-500  
 Switching Digital Data System 551-567-500

Dial Tone Speed Measuring Circuit (SD-73103-01) 551-561-500

Digital Line Circuit (SD-73095-01) 551-561-500

Digital Test Line Circuit (SD-73099-01) 551-561-500

Switched Digital Data System 551-561-500

Decoder-Marker Connector Circuit (SD-67106-01) 551-566-502

Switched Digital Data System 551-566-502

**SWITCHING SYSTEM (Cont)**

758C (Cont)

*Operation Tests*

Plant and Traffic Register Circuit (SD-67059-01) 551-564-500  
 Switched Digital Data System 551-564-500

Alarms 551-569-500  
 Switched Digital Data System 551-569-500

Switched Digital Data System 551-566-500  
 Test Circuit (SD-67118-01) 551-566-500

**SWITCHING SYSTEM APPLICATION (NO. 101); ELECTRONIC—SEE ELECTRONIC SWITCHING SYSTEM APPLICATION (NO. 101)**

**SWITCHING SYSTEM 2015; CUSTOMER—SEE CUSTOMER SWITCHING SYSTEM 2015 SWITCHING SYSTEM; ELECTRONIC—SEE ELECTRONIC SWITCHING SYSTEM SWITCHING SYSTEM; SELECTIVE—SEE SELECTIVE SWITCHING SYSTEM SYSTEM; ALERTING—SEE ALERTING SYSTEM SYSTEM; COMMUNICATION—SEE COMMUNICATION SYSTEM SYSTEM; INTERCOMMUNICATING—SEE INTERCOMMUNICATING SYSTEM SYSTEM; INTERPHONE—SEE INTERPHONE SYSTEM SYSTEM; SPEAKERPHONE—SEE SPEAKERPHONE SYSTEM SYSTEM; SWITCHING—SEE SWITCHING SYSTEM SYSTEMS; ANNOUNCEMENT—SEE ANNOUNCEMENT SYSTEMS**

**TABLE; DIRECTORY—SEE DIRECTORY TABLE TABLES; DESKS AND—SEE DESKS AND TABLES**

**TAS***Connections**Identification**Installation**Maintenance**Operation*

Protective Connecting Arrangement 463-350-110

**TELEGRAPH AND RADIO PROGRAM LOOPS; DC—SEE DC TELEGRAPH AND RADIO PROGRAM LOOPS**

**TELEPHONE ANSWERING SERVICE***Connections**Identification**Installation*

557B Private Branch Exchange 473-602-201

**TELEPHONE ANSWERING SET**

## Base Heater

*Identification**Installation**Maintenance*

KS-14782 514-114-100

## SECTION 460-000-006

## TELEPHONE ANSWERING SET (Cont)

Inverter	
<i>Identification</i>	
<i>Maintenance</i>	
KS-15662, DC-AC	514-112-100
Peatrophone	
<i>Connections</i>	
KS-14580	514-140-400
<i>Description</i>	
KS-14580	514-140-100
<i>Installation</i>	
KS-14580	514-140-100
<i>Maintenance for Serial No. 101 to 501 Inclusive</i>	
KS-14580	514-140-300
<i>Maintenance for Serial No. 502 and Higher</i>	
KS-14580	514-140-301
Telephone Answering Set	
<i>Assembly of Parts</i>	
1B	514-120-100
1BA	514-120-100
2A	514-124-100
<i>Connections</i>	
KS-16378	514-145-400
KS-16923L1	514-150-200
KS-19245L1 and L13	SD514-155-100
1A	514-118-400
1AA	514-118-401
1B	514-120-400
1BA	514-120-400
2A	514-124-400
2AB	514-126-400
<i>Description</i>	
1A	514-118-100
1AA	514-118-100
<i>Identification</i>	
KS-16378	514-145-100
KS-16923L1	514-150-100
KS-19245L1 and L13	SD514-155-100
1B	514-120-100
1BA	514-120-100
2A	514-124-100
2AB	514-126-100
<i>Installation</i>	
KS-16378	514-145-200
KS-16923L1	514-150-200
KS-19245L1 and L13	SD514-155-100
1A	514-118-200
1AA	514-118-200
1B	514-120-200
1BA	514-120-200
2A	514-124-200
2AB	514-126-200
<i>Maintenance</i>	
KS-16378	514-145-300
KS-16923L1	514-150-300
KS-19245L1	SD514-155-300
KS-19245L13	SD514-155-301
1A	514-118-300
1AA	514-118-300
1B	514-120-300
1BA	514-120-300
2A	514-124-300
2AB	514-126-200

## TELEPHONE ANSWERING SET (Cont)

Telephone Answering Set (Cont)	
<i>Mechanical Adjustment</i>	
KS-16378	514-145-301
KS-16923L1	514-150-300
KS-19245L1	SD514-155-300
<i>Operation</i>	
KS-16378	514-145-101
KS-16923L1	514-150-101
KS-19245L1 and L13	SD514-155-100
1B	514-120-101
1BA	514-120-101
2A	514-124-101
<i>Requirements and Adjustments</i>	
1B	514-120-301
1BA	514-120-301
2A	514-124-301
<b>TELEPHONE ANSWERING SYSTEM</b>	
Occasional Service Circuit	
(SD-96605-01, SD-96606-01)	
<i>Operation Tests</i>	
At Telephone Answering Bureau	473-607-501
Occasional Service System (J99317)	
<i>Description</i>	473-503-100
<i>Operation</i>	473-503-100
Telephone Answering System	
<i>Calibration</i>	
KS-21056 Test Set	
(SD-99608-01)	
For Use with Line	
Concentrator-Identifier	
System	473-500-101
<i>Circuit Tests</i>	
Line Concentrator	
(J93022)-Identifier (J93021)	
For Use with No. 1 and 2	
Electronic Switching System	473-505-502
Line Concentrator-Identifier	
(J93021)	
For Use with	
Electromechanical Central	
Offices	473-501-502
Line Concentrator-Identifier	
Telephone Secretarial Answering	
Service	473-501-501
<i>Circuit Tests and Trouble Analysis</i>	
Line Concentrator	
(J93022)-Identifier (J93021)	
For Use with No. 1	
Electronic Switching System	473-505-501
<i>Description</i>	
KS-21056 Test Set	
(SD-99608-01)	
For Use with Line	
Concentrator-Identifier	
System	473-500-101
<i>General Descriptive</i>	
Electro-Mechanical Central	
Offices	
Line	
Concentrator-Identifier	951-830-100
Electronic Switching Systems	
No. 1	
Line	
Concentrator-Identifier	951-830-100

**TELEPHONE ANSWERING SYSTEM (Cont)**

## Telephone Answering System (Cont)

*Information*Electro-Mechanical Central  
Offices

Line

Concentrator-Identifier

951-830-100

Electronic Switching Systems

No. 1

Line

Concentrator-Identifier

951-830-100

*Operation*

KS-21056 Test Set

(SD-99608-01)

For Use with Line

Concentrator-Identifier

System

473-500-101

*Tests and Adjustments*

Tone Signaling Circuit

SD-99556-01 (J59202)

For Use With Line

Concentrator-Identifier

System

473-500-501

*Tests and Inspections at Time of**Installation*

Line Concentrator

(J93022)-Identifier (J93021)

For Use with No. 1 and 2

Electronic Switching System

473-505-202

For Use with No. 1

Electronic Switching System

473-505-201

Line Concentrator-Identifier  
(J93021)

For Use with

Electromechanical Central  
Offices

473-501-202

Line Concentrator-Identifier

Telephone Secretarial Answering

Service

473-501-201

*Trouble Analysis*

Line Concentrator

(J93022)-Identifier (J93021)

For Use with No. 1 and 2

Electronic Switching System

473-505-502

Line Concentrator-Identifier  
(J93021)

For Use with

Electromechanical Central  
Offices

473-501-502

Line Concentrator-Identifier

Telephone Secretarial Answering

Service

473-501-501

**1A***Connections*

Attendant Console

473-609-210

Equipment Cabinet

473-609-201

*General Description**Identification*

Attendant Console

473-609-210

Equipment Cabinet

473-609-201

*Installation*

Attendant Console

473-609-210

Equipment Cabinet

473-609-201

*Method of Operation*

Attendant Equipment

473-609-301

*Operation Tests*

473-609-501

**TELEPHONE ANSWERING SYSTEM (Cont)**

## 1A (Cont)

*Service Options*

Equipment Cabinet

473-609-201

## 100A

*Connections*

473-675-201

*Identification*

473-675-201

*Installation*

473-675-201

*Maintenance*

473-675-201

*Operation*

473-675-201

**TELEPHONE APPARATUS AND MATERIALS**

Color

500-120-100

**TELEPHONE APPARATUS FOR IMPAIRED  
HEARING, SPEECH, SIGHT***Selection*

500-128-180

**TELEPHONE BASE***Connections*

AL1

502-330-100

*Identification*

AL1

502-330-100

*Installation*

AL1

502-330-100

*Maintenance*

AL1

502-330-100

*Reference*AC-Type (Used With 220-, 226-,  
2220-, and 2226-Type Hand  
Telephone Set

502-303-101

AD-Type (Used With 220-, 226-,  
2220-, and 2226-Type Hand  
Telephone Set)

502-303-101

*Service*AC-Type (Used with 220-, 226-,  
2220-, and 2226-Type Hand  
Telephone Set)

SA502-322-400

AD-Type (Used with 220-, 226-,  
2220-, and 2226-Type Hand  
Telephone Set)

SA502-322-400

**TELEPHONE CONSOLE***Connections*

14-Type

800A Private Branch  
Exchange

553-103-210

15-Type

800A Private Branch  
Exchange

553-103-210

16-Type

800A Private Branch  
Exchange

553-103-210

22-Type

756A Private Branch  
Exchange

551-115-210

23-Type

757A Private Branch  
Exchange

551-210-210

3-Type

756A Private Branch  
Exchange

551-115-210

32-Type

756A Private Branch  
Exchange

551-117-210

4-Type

756A Private Branch  
Exchange

551-117-210

## TELEPHONE CONSOLE (Cont)

*Connections (Cont)*

43-Type  
757A Private Branch  
Exchange 551-210-210

53-Type  
757A Private Branch  
Exchange 551-210-210

9A-Type 504-215-402

*Connections (Direct Trunk Termination)*

1-Type  
757A Private Branch  
Exchange 551-216-210

2-Type  
757A Private Branch  
Exchange 551-216-210

*Connections (J1H011A Switch Unit)*

1-Type  
No. 101 Electronic Switching  
System 240-204-201

*Connections (Switched Loop Operation)*

1-Type  
757A Private Branch  
Exchange 551-216-215

2-Type  
757A Private Branch  
Exchange 551-216-215

*Connections to Control Cabinet*

1B-Type  
No. 1 (2-Wire; Centrex  
Service) Electronic  
Switching System 540-576-210

No. 2 (2-Wire; Centrex  
Service) Electronic  
Switching System 540-576-210

2B-Type  
No. 1 (2-Wire; Centrex  
Service) Electronic  
Switching System 540-576-210

No. 2 (2-Wire; Centrex  
Service) Electronic  
Switching System 540-576-210

*Identification*

1-Type 504-211-101

10-Type 504-216-101

11-Type 504-216-101

12-Type 504-216-101

120-Type 504-220-150

121-Type 504-220-151

131-Type 504-220-151

132-Type 504-220-152

14-Type 504-220-101

15-Type 504-220-101

151-Type 504-220-151

152-Type 504-220-152

155-Type 504-220-155

16-Type 504-220-102

2-Type 504-211-101

21-Type 504-220-121

22-Type 504-220-122

23-Type 504-220-123

24-Type 504-220-124

26-Type 504-220-126

27-Type 504-220-127

## TELEPHONE CONSOLE (Cont)

*Identification (Cont)*

28-Type 504-220-128

29-Type 504-220-129

3-Type 504-212-101

32-Type 504-220-122

34-Type 504-220-124

4-Type 504-212-101

41-Type 504-220-121

43-Type 504-220-123

45-Type 504-220-125

46-Type 504-220-126

47-Type 504-220-127

48-Type 504-220-128

5-Type 504-213-101

500-Type

Display Unit-103A1 504-225-100

51-Type 504-220-121

53-Type 504-220-123

54-Type 504-220-124

56-Type 504-220-126

6-Type 504-213-101

60-Type 504-220-133

63-Type 504-220-123

8A-Type 504-215-101

83-Type 504-220-123

9A-Type 504-215-101

*Installation*

1-Type 504-210-201

1B-Type

No. 1 (2-Wire; Centrex  
Service) Electronic  
Switching System 540-576-210

No. 2 (2-Wire; Centrex  
Service) Electronic  
Switching System 540-576-210

10-Type 504-210-201

11-Type 504-210-201

12-Type 504-210-201

14-Type 504-210-201

15-Type 504-210-201

16-Type 504-210-201

2-Type 504-210-201

2B-Type

No. 1 (2-Wire; Centrex  
Service) Electronic  
Switching System 540-576-210

No. 2 (2-Wire; Centrex  
Service) Electronic  
Switching System 540-576-210

3-Type 504-210-201

4-Type 504-210-201

5-Type 504-210-201

6-Type 504-210-201

*Maintenance*

1-Type 504-210-201

10-Type 504-210-201

11-Type 504-210-201

12-Type 504-210-201

14-Type 504-210-201

15-Type 504-210-201

16-Type 504-210-201

2-Type 504-210-201

3-Type 504-210-201

4-Type 504-210-201

5-Type 504-210-201



## TELEPHONE CONSOLE (Cont)

## Maintenance (Cont)

6-Type 504-210-201

## Method of Operation

## F-58011

758C (Arranged for Wide Band  
Secure Voice Operation)  
Private Branch Exchange 551-511-301

## 14-Type

800A Private Branch  
Exchange 553-118-300

## 15-Type

800A Private Branch  
Exchange 553-118-300

## 16-Type

800A Private Branch  
Exchange 553-118-300

## 2B-Type

758C (Arranged for Wide Band  
Secure Voice Operation)  
Private Branch Exchange 551-511-301

## 22-Type

756A Private Branch  
Exchange 551-160-302

## 27A-Type

No. 1 (2-Wire, Centrex-PBX  
Service Electronic Switching  
System 540-576-303

## 3-Type

756A Private Branch  
Exchange 551-160-302

## 32-Type

756A Private Branch  
Exchange 551-160-302

## 4-Type

756A Private Branch  
Exchange 551-160-302

## 5-Type

701A Private Branch  
Exchange 540-107-302701B Private Branch  
Exchange 540-107-302740E Private Branch  
Exchange 540-107-302

## 6-Type

701A Private Branch  
Exchange 540-107-302701B Private Branch  
Exchange 540-107-302740E Private Branch  
Exchange 540-107-302Method of Operation (Switched Loop  
Operation)

## 1-Type

757A Private Branch  
Exchange 551-260-302

## 1B-Type

No. 1 (2-Wire; Centrex  
Service) Electronic  
Switching System 540-576-301No. 2 (2-Wire) Electronic  
Switching System 540-576-302

## 2-Type

757A Private Branch  
Exchange 551-260-302

## TELEPHONE CONSOLE (Cont)

## Method of Operation (Switched Loop (Cont)

## 2B-Type

No. 1 (2-Wire; Centrex  
Service) Electronic  
Switching System 540-576-301No. 2 (2-Wire) Electronic  
Switching System 540-576-302Method of Operation (Fixed Loop  
Termination)

## 1-Type

No. 5 Crossbar Centrex CO  
(Arranged for Phase III  
Centrex) 540-575-301

## 2-Type

No. 5 Crossbar Centrex CO  
(Arranged for Phase III  
Centrex) 540-575-301

## 1-Type

No. 5 Crossbar Centrex CO  
(Arranged for Phase III  
Centrex) 540-575-302

## 2-Type

No. 5 Crossbar Centrex CO  
(Arranged for Phase III  
Centrex) 540-575-302

## 1-Type

No. 5 Crossbar Centrex CO  
(Arranged for Phase II  
Centrex) 540-575-311

## 2-Type

No. 5 Crossbar Centrex CO  
(Arranged for Phase II  
Centrex) 540-575-311

## 1-Type

No. 5 Crossbar Centrex CO  
(Arranged for Phase II  
Centrex) 540-575-312

## 2-Type

No. 5 Crossbar Centrex CO  
(Arranged for Phase II  
Centrex) 540-575-312

## 1-Type

No. 5 Crossbar Centrex CO  
(Arranged for Phase I  
Centrex) 540-575-321

## 2-Type

No. 5 Crossbar Centrex CO  
(Arranged for Phase I  
Centrex) 540-575-321

## 9A-type

No. 5 Crossbar Centrex CO  
(Arranged for Phase I  
Centrex) 540-575-321

## TELEPHONE CONSOLE (Cont)

*Method of Operation (Switched (Cont))*

## 1-Type

No. 5 Crossbar Centrex CO  
(Arranged for Phase I  
Centrex) 540-575-322

## 2-Type

No. 5 Crossbar Centrex CO  
(Arranged for Phase I  
Centrex) 540-575-322

*Operation Test-Direct Station**Selection Circuit (SD-66865-01)*

## 1-Type

701A Private Branch  
Exchange 542-011-501

701B Private Branch  
Exchange 542-011-501

## 2-Type

701A Private Branch  
Exchange 542-011-501

701B Private Branch  
Exchange 542-011-501

*Selection*

3-Type 504-212-101

4-Type 504-212-101

## TELEPHONE CONSOLE (MULTIPLE)

*Method of Operation (Direct Trunk  
Termination)*

## 23-Type

757A Private Branch  
Exchange 551-260-303

## 43-Type

757A Private Branch  
Exchange 551-260-303

## 53-Type

757A Private Branch  
Exchange 551-260-303

## TELEPHONE CONSOLE (POSITION NO. 1

## DIRECT TRUNK TERMINATION);

## ATTENDANT—SEE ATTENDANT TELEPHONE

## CONSOLE (POSITION NO. 1 DIRECT TRUNK

## TERMINATION)

## TELEPHONE CONSOLE (SINGLE)

*Method of Operation (Direct Trunk  
Termination)*

## 1-Type

757A Private Branch  
Exchange 551-260-301

## 2-Type

757A Private Branch  
Exchange 551-260-301

## TELEPHONE CONSOLE (1-3 SWITCHED LOOP

## TERMINATION); ATTENDANT—SEE ATTENDANT

## TELEPHONE CONSOLE (1-3 SWITCHED LOOP

## TERMINATION)

## TELEPHONE DICTATION TRUNK CIRCUIT;

## RECORDED—SEE RECORDED TELEPHONE

## DICTATION TRUNK CIRCUIT

## TELEPHONE DICTATION TRUNK;

## RECORDED—SEE RECORDED TELEPHONE

## DICTATION TRUNK

## TELEPHONE MOUNTING; COIN—SEE COIN

## TELEPHONE MOUNTING

## TELEPHONE POSITION; ATTENDANT—SEE

## ATTENDANT TELEPHONE POSITION

## TELEPHONE POSITION; SUPERVISOR—SEE

## SUPERVISOR TELEPHONE POSITION

TELEPHONE SECRETARIAL ANSWERING  
SERVICE

## Line Concentrator-Identifier

*Circuit Tests*

Telephone Answering System 473-501-501

*Tests and Inspections at Time of**Installation*

Telephone Answering System 473-501-201

*Trouble Analysis*

Telephone Answering System 473-501-501

## TELEPHONE SERVICE; CUSTOMER—SEE

## CUSTOMER TELEPHONE SERVICE

## TELEPHONE SET

## Apartment Door Answering

*Connections*

2755-Type SD512-520-400

*Identification*

2755A, AM SD512-520-100

*Installation*

2755A, AM SD512-520-100

*Maintenance*

2755-Type SD512-520-400

*Operation*

2755A, AM SD512-520-100

## CALL DIRECTOR\* Telephone

*Selection*

CALL DIRECTOR\* Telephone 502-000-010

## CALL-A-MATIC\* Set

*Connections**Identification**Installation**Maintenance**Operation*

1671A-Type 502-650-100

2671B1M SC503-550-101

## Card Dialer

*Selection*

1660 Series 502-000-111

2660 Series 502-000-111

660 Series 502-000-111

## Desk Type (10-, 11-, or 13-Button)

*Connections*

2832-Type 502-000-111

Used With 7A Communication

System KC503-701-110

*832-Type*

Used With 7A Communication

System KC503-701-110

*Identification**2832-Type*

Used With 7A Communication

System KC503-701-110

*832-Type*

Used With 7A Communication

System KC503-701-110

**TELEPHONE SET (Cont)**

Desk Type (10-, 11-, or 13-Button) (Cont)  
*Installation (Cont)*  
 2832-Type  
 Used With 7A Communication System KC503-701-110  
 832-Type  
 Used With 7A Communication System KC503-701-110  
*Maintenance*  
 2832-Type  
 Used With 7A Communication System KC503-701-110  
 832-Type  
 Used With 7A Communication System KC503-701-110  
 Desk Type (10-Button)  
*Connections*  
*Identification*  
*Installation*  
*Maintenance*  
 2830-Type KA503-701-101  
 830-Type KA503-701-101  
 Desk Type (20-Button)  
*Connections*  
 2831-Type KA503-702-101  
 2833-Type  
 Used with 14A Communication System KC503-702-110  
 Used with 21A Communication System KC503-702-110  
 831-Type KA503-702-101  
 833-Type  
 Used with 14A Communication System KC503-702-110  
 Used with 21A Communication System KC503-702-110  
*Identification*  
 2831-Type KA503-702-101  
 2833-Type  
 Used with 14A Communication System KC503-702-110  
 Used with 21A Communication System KC503-702-110  
 831-Type KA503-702-101  
 833-Type  
 Used with 14A Communication System KC503-702-110  
 Used with 21A Communication System KC503-702-110  
*Installation*  
 2831-Type KA503-702-101  
 2833-Type  
 Used with 14A Communication System KC503-702-110  
 Used with 21A Communication System KC503-702-110  
 831-Type KA503-702-101  
 833-Type  
 Used with 14A Communication System KC503-702-110  
 Used with 21A Communication System KC503-702-110  
*Maintenance*  
 2831-Type KA503-702-101

**TELEPHONE SET (Cont)**

Desk Type (20-Button) (Cont)  
*Maintenance (Cont)*  
 2833-Type  
 Used with 14A Communication System KC503-702-110  
 Used with 21A Communication System KC503-702-110  
 831-Type KA503-702-101  
 833-Type  
 Used with 14A Communication System KC503-702-110  
 Used with 21A Communication System KC503-702-110  
 Desk Type (6-Button)  
*Connection*  
 2575AM  
 COM KEY (718, 1434, 2152) KC503-603-120  
 575AM  
 COM KEY (718, 1434, 2152) KC503-603-120  
*Identification*  
 2575AM  
 COM KEY (718, 1434, 2152) KC503-603-120  
 575AM  
 COM KEY (718, 1434, 2152) KC503-603-120  
*Installation*  
 2575AM  
 COM KEY (718, 1434, 2152) KC503-603-120  
 575AM  
 COM KEY (718, 1434, 2152) KC503-603-120  
*Maintenance*  
 2575AM  
 COM KEY (718, 1434, 2152) KC503-603-120  
 575AM  
 COM KEY (718, 1434, 2152) \* KC503-603-120  
 Explosive Atmosphere  
*Connections*  
 KS-14476 502-415-201  
 2520B 502-415-204  
 320-Type 502-415-200  
 520-Type 502-415-203  
*General Requirements*  
 KS-14476 502-415-100  
 KS-14548 502-415-100  
 2520B 502-415-100  
 320-Type 502-415-100  
 520B 502-415-100  
*Identification*  
 2520B 502-415-204  
 520-Type 502-415-203  
*Installation*  
 KS-14476 502-415-201  
 KS-14548 502-415-202  
 2520B 502-415-204  
 320-Type 502-415-200  
 520-Type 502-415-203  
*Maintenance*  
 KS-14476 502-415-201  
 KS-14548 502-415-202  
 2520B 502-415-204  
 320-Type 502-415-200  
 520-Type 502-415-203  
 Howard Johnson Motor Hotel Chain  
*Identification*  
 F-56105 512-120-102

## TELEPHONE SET (Cont)

Imperial House 400 Motor Hotel Chain

## Identification

F-56105 512-120-103

## Magneto

## Connections

KS-19148, L1

Mine Station, Nonexplosive

Atmosphere 510-830-100

307A 510-330-400

309A 510-330-401

357A 510-330-402

## Identification

KS-19148, L1

Mine Station, Nonexplosive

Atmosphere 510-830-100

SP417-Type Per D-157314 510-310-100

299-Type 510-310-100

315H 510-310-100

400K 510-310-100

415H 510-310-100

## Installation

KS-19148, L1 510-310-200

Mine Station, Nonexplosive

Atmosphere 510-830-100

## Maintenance

KS-19148, L1

Mine Station, Nonexplosive

Atmosphere 510-830-100

## Selection

510-310-180

Modified for Transmitter Cutoff using

Exclusion Switch

## Connections

501-230-101

## Identification

501-230-101

## Modular Type

## General Information

SA503-100-100

## Multiline

## Reference

1563HB 502-502-103

1564HL 502-502-103

1565-Type 502-502-104

1568HT 502-502-103

1752-Type

Panel Telephone 502-706-102

2563HB, HBM 502-503-103

2564HL, HLM 502-503-103

2565-Type 502-503-104

2568HAA, HAAM 502-503-103

2752-Type

Panel Telephone 502-707-102

2754-Type

Panel Telephone 502-707-102

540-Type 502-501-104

543-Type 502-501-104

544-Type 502-501-104

545-Type 502-501-104

563HB/HBM 502-501-105

564HL/HLM 502-501-105

565-Type 502-501-106

566MD/MDM 502-501-105

567PB 502-501-122

568HR/HS/HSM/HAA/HAAM 502-501-105

569NB, NBM 502-501-122

## Service

1563HB 502-542-400

1564HK, HL 502-542-402

## TELEPHONE SET (Cont)

Multiline (Cont)

## Service (Cont)

1565GK 502-542-403

1565HK 502-542-404

1565LK 502-542-405

1568HT 502-542-406

1752-Type

Panel Telephone 502-737-401

2563HB, HBM 502-543-400

2564HL, HLM 502-543-402

2565GK, GKM KA502-543-403

2565HK, HKM KA502-543-405

2565LK, LKM KA502-543-406

2568HAA, HAAM 502-543-410

2752-Type

Panel Telephone 502-738-401

2754-Type

Panel Telephone 502-738-402

540B 502-541-401

544A, B 502-541-402

545B 502-541-403

563HB, HBM 502-541-404

564B, C, D, H 502-541-405

564HD KA502-541-406

564HK KA502-541-407

564HL, HLM KA502-541-407

565A, B, E, G, H, L 502-541-408

565GK, GKM KA502-541-414

565HD KA502-541-410

565HK, HKM KA502-541-415

565LDR 502-541-412

565LK, LKM KA502-541-416

566MB, FB 502-541-419

566MD, MDM 502-541-419

567PB 502-541-429

568HAA, HAAM 502-541-425

568HB 502-541-420

568HF, HR 502-541-423

568HT 502-542-406

569NB, NBM 502-541-430

752-Type

Panel Telephone 502-736-401

754-Type

Panel Telephone 502-736-402

Multiline-4 and 6 Button

## Selection

502-000-003

Single Line

## Reference

1500D 502-502-101

1554B 502-502-101

1702B

PRINCESS\* Telephone 502-702-100

1702D

PRINCESS\* Telephone 502-702-103

1713B

PRINCESS\* Telephone 502-702-103

1750A, B

Panel Telephone 502-706-100

2500-Type 502-503-101

2554-Type 502-503-101

2702B, BM

PRINCESS\* Telephone 502-703-100

2702D, DM

PRINCESS\* Telephone 502-703-103

**TELEPHONE SET (Cont)**

## Single Line (Cont)

## Reference (Cont)

2713B, BM	
PRINCESS* Telephone	502-703-103
2750-Type	
Panel Telephone	502-707-100
500C/D	502-501-101
500DM	502-501-101
501C/D	502-501-101
554A/B	502-501-101
554BM	502-501-101
554BMP	502-501-101
554F	502-501-101
556A/B	502-501-101
701B	
PRINCESS* Telephone	502-701-100
701D	
PRINCESS* Telephone	502-701-103
702B, BM	
PRINCESS* Telephone	502-701-100
702D	
PRINCESS* Telephone	502-701-103
711B	
PRINCESS* Telephone	502-701-103
712B, BM	
PRINCESS* Telephone	502-701-101
713B, 713BM	
PRINCESS* Telephone	502-701-103
750-type	
Panel Telephone	502-705-100
755A, AM	
Panel Type (Manual)	502-750-105
<i>Service</i>	
1500D	SB502-522-401
1554B	SB502-522-402
1702B	
PRINCESS* Telephone	SB502-722-401
1702D	
PRINCESS* Telephone	SB502-728-401
1750A/B	
Panel Telephone	SB502-731-401
2500D, DM	SA502-523-401
2554-Type	SA502-523-402
2702B, BM	
PRINCESS* Telephone	SA502-723-401
2702D, DM	
PRINCESS* Telephone	SA502-729-401
2750A/B	SA502-732-401
2750AM/BM	SA502-732-401
500A/B	SA502-521-401
500C/D	SA502-521-402
500CM/DM	SA502-521-402
500J/K	SB502-521-403
501A/B	SB502-521-404
501C/D	SA502-521-405
501CM/DM	SA502-521-405
501J/K	SB502-521-406
554A/B	SA502-521-410
554AM, BM	SA502-521-410
554AMP, BMP	SA502-521-410
554F	SA502-521-410
556A/B	SA502-521-411
556AM/BM	SA502-521-411
556AMP/BMP	SA502-521-411

**TELEPHONE SET (Cont)**

## Single Line (Cont)

## Service (Cont)

701B	
PRINCESS* Telephone	SB502-721-401
701D	
PRINCESS* Telephone	SB502-727-401
702B, BM	
PRINCESS* Telephone	SA502-721-402
702D	
PRINCESS* Telephone	SA502-727-402
711B	
PRINCESS* Telephone	SB502-727-403
713B, BM	
PRINCESS* Telephone	SA502-727-404
750-Type	
Panel Telephone	SA502-730-401
755A, AM	
Panel Type (Manual)	502-750-405
Single Line-0 Button	
<i>Common Installation and Maintenance Information</i>	502-500-110
<i>Selection</i>	502-000-001
<i>Special Purpose Reference</i>	
1500M, S, Y	502-502-110
1514B	502-502-110
2500M, MM, S, SM, Y, YM	502-503-110
2503-Type	502-503-120
2514B, BM	502-503-110
2526B, BM	502-503-125
500E/F, FM, H, L/M, MM, P, R/S, SM, U, W/Y, YM, AD, ADM	502-501-115
501F, P, U	502-501-115
503B	502-501-120
503C, CM	502-501-120
507-Type	502-501-116
509-Type	502-501-116
513B	502-501-120
514B, BM	502-501-115
516B	502-501-115
525-Type	502-501-117
526-Type	502-501-117
529B, BM	502-501-121
532-Type	502-501-116
533-Type	502-501-116
535-Type	502-501-116
536-Type	502-501-116
557-Type	502-501-116
559-Type	502-501-116
570-Type	
Emergency Reporting	502-501-119
<i>Selection</i>	502-000-004
<i>Service</i>	
2500M, MM	SA502-582-400
2500S, SM	SA502-582-402
2500Y, YM	SA502-582-403
500AD, ADM	SA502-580-401
500E/F, EM, FM	SB502-580-402
500H	SB502-580-404
500L/M, MM	SA502-580-405
500P	SB502-580-406
500R/S, SM	SA502-580-408
500U	SB502-580-409
500W/Y, WM, YM	SA502-580-411
501F, FM	SA502-580-403

## TELEPHONE SET (Cont)

## Special Purpose (Cont)

## Service (Cont)

501P	SB502-580-407
501U	SB502-580-410
503B	502-580-460
503CM	502-580-460
507A/B	502-580-425
509A/B	502-580-426
513B, BM	502-580-461
514B, BM	SA502-580-412
516B	502-580-463
525A/B	SB502-580-437
526A/B	SA502-580-438
526AM/BM	SA502-580-438
529B, BM	502-580-436
532A, B	502-580-427
533A/B	502-580-428
535A, B	502-580-429
536A/B	502-580-430
543DB, DBC, DBM	502-580-431
557A/B	502-580-432
559A/B	502-580-433
570	SB502-580-455

## Station Sets

## Refrigerated Rooms

502-120-203

## Installation

## Indoor Location

502-120-201

## Telephone Set

## Assembly of Parts

## 300 Series

## For Indoor Locations

401-Type	502-400-100
402-Type	502-430-100
410-Type	502-430-100
411-Type	502-430-100
412-Type	502-430-100
440-Type	502-435-100
460-Type	502-435-100
5300 Series	502-400-101

## Class of Service and Zone

## Selection of Apparatus

500-110-100

## Common Installation

1630 Series	KA502-600-100
2630 Series	KA502-600-100
630 Series	KA502-600-100

## Common Installation and Maintenance

## Information

1560 Series	KA502-500-120
1660 Series	502-600-102
1750 Series	502-700-102
2560 Series	KA502-500-120
2660 Series	502-600-102
2750 Series	502-700-102
540 Series	KA502-500-120
560 Series	KA502-500-120
660 Series	502-600-102
750 Series	502-700-102

## Common Maintenance

1630 Series	KA502-600-100
2630 Series	KA502-600-100
630 Series	KA502-600-100

## Connection

2881C111	
DESIGN LINE Telephone	SA503-200-112

## TELEPHONE SET (Cont)

## Telephone Set (Cont)

## Connection (Cont)

2911A1		
DESIGN LINE Telephone		SA503-200-105
2950A-Type		
DESIGN LINE Telephone		SA503-200-114
881C111		
DESIGN LINE Telephone		SA503-200-112
911A1		
DESIGN LINE Telephone		SA503-200-105
950A-Type		
DESIGN LINE Telephone		SA503-200-114
Connections		
D-180574 Coin Decorator		
DESIGN LINE Telephone		SA503-200-113
F-50682 Ground Observer		510-820-100
F-56105		
Using KS-16844 RAPIDIAL		512-120-101
F-56503		
Using KS-19594 Dialer		512-126-100
F-58554		
Card Dialer		502-690-100
F-58555		
Card Dialer		502-690-101
1500S		
3-Type Speakerphone System		SD512-620-410
1511-Type		
1A Home Interphone System		512-510-421
3-Type Speakerphone System		SD512-620-415
1511D		
2A Farm Interphone System		512-515-412
1511F/H		
2A Farm Interphone System		512-515-412
1558-Type		
3-Type Speakerphone System		SD512-620-418
1558D		
1A Home Interphone System		512-510-423
2A Farm Interphone System		512-515-414
1565-Type		
3-Type Speakerphone System		SD512-620-420
1630-Type		
3-Type Speakerphone System		SD512-620-440
1631-Type		
3-Type Speakerphone System		SD512-620-440
1632-Type		
3-Type Speakerphone System		SD512-620-442
1634-Type		
3-Type Speakerphone System		512-620-444
1635-Type		
3-Type Speakerphone System		512-620-444
1560-Type		
3-Type Speakerphone System		512-621-460
1662-Type		
3-Type Speakerphone System		512-621-462
1702B		
3-Type Speakerphone System		SD512-620-471
1712B		
1A Home Interphone System		512-510-426
2A Farm Interphone System		512-515-418
1751-Type		
1A Home Interphone System		512-510-428
1752-Type		
1A Home Interphone System		512-510-430
3-Type Speakerphone System		SD512-620-480

## TELEPHONE SET (Cont)

## Telephone Set (Cont)

## Connections (Cont)

211PR		
4A Speakerphone System	SD512-710-400	
2211P		
4A Speakerphone System	SD512-710-400	
2500S		
3-Type Speakerphone System	SD512-620-410	
2500S, SM		
4A Speakerphone System	SD512-710-405	
2511-Type		
3-Type Speakerphone System	SD512-620-415	
4A Speakerphone System	SD512-710-410	
2511F		
2A Farm Interphone System	512-515-422	
2511F/H		
1A Home Interphone System	512-510-441	
2558-Type		
3-Type Speakerphone System	SD512-620-418	
4A Speakerphone System	SD512-710-412	
2558D		
1A Home Interphone System	512-510-443	
2A Farm Interphone System	512-515-424	
2565-Type		
3-Type Speakerphone System	SD512-620-420	
2565-Type Plug-Ended		
4A Speakerphone System	SD512-720-405	
2568HAA		
3-Type Speakerphone System	512-620-430	
2630-Type		
3-Type Speakerphone System	SD512-620-440	
4A Speakerphone System	SD512-730-400	
2631-Type		
3-Type Speakerphone System	SD512-620-440	
4A Speakerphone System	SD512-730-400	
2632-Type		
3-Type Speakerphone System	SD512-620-442	
4A Speakerphone System	SD512-730-400	
2634-Type		
3-Type Speakerphone System	512-620-444	
4A Speakerphone System	SD512-730-400	
2635-Type		
3-Type Speakerphone System	512-620-444	
2660-Type		
3-Type Speakerphone System	512-622-460	
2660A1, A1M		
4A Speakerphone System	SD512-730-450	
2662-Type		
3-Type Speakerphone System	512-622-462	
4A Speakerphone System	SD512-730-455	
2682AA		
3-Type Speakerphone System	512-620-450	
2682AA, AAM		
4A Speakerphone System	SD512-730-460	
2683AA		
3-Type Speakerphone System	512-620-450	
2683AA, AAM		
4A Speakerphone System	SD512-730-460	
2702-Type		
3-Type Speakerphone System	SD512-620-471	

## TELEPHONE SET (Cont)

## Telephone Set (Cont)

## Connections (Cont)

2702B		
4A Speakerphone System	SD512-740-405	
2712B		
1A Home Interphone System	512-510-446	
2A Farm Interphone System	512-515-428	
4A Speakerphone System	SD512-740-410	
2712BM		
4A Speakerphone System	SD512-740-410	
2751-Type		
1A Home Interphone System	512-510-448	
2752-Type		
1A Home Interphone System	512-510-450	
3-Type Speakerphone System	SD512-620-480	
2754-Type		
1A Home Interphone System	512-510-452	
2830-Type		
3-Type Speakerphone System	512-620-485	
4A Speakerphone System	SD512-740-470	
2831-Type		
3-Type Speakerphone System	512-620-485	
4A Speakerphone System	SD512-740-470	
2832-Type		
3-Type Speakerphone System	SD512-620-487	
4A Speakerphone System	SD512-740-471	
2833-Type		
3-Type Speakerphone System	SD512-620-487	
4A Speakerphone System	SD512-740-471	
2851-Type		
3-Type Speakerphone System	SD512-620-495	
4A Speakerphone System	SD512-740-480	
2852-Type		
4A Speakerphone System	SD512-740-481	
2881A100		
DESIGN LINE Telephone	SA503-200-107	
2881A101		
DESIGN LINE Telephone	SA503-200-107	
2881B100		
DESIGN LINE Telephone	SA503-200-107	
2881B101		
DESIGN LINE Telephone	SA503-200-107	
2881B109, 2881C109		
DESIGN LINE Telephone	SA503-200-111	
2881B110		
DESIGN LINE Telephone	SA503-200-107	
2881C100		
DESIGN LINE Telephone	SA503-200-107	
2881C101		
DESIGN LINE Telephone	SA503-200-107	
2881C110		
DESIGN LINE Telephone	SA503-200-107	
2900A, B		
DESIGN LINE Telephone	SA503-200-100	
2902A1		
DESIGN LINE Telephone	SA503-200-102	
2910A		
DESIGN LINE Telephone	SA503-200-101	
2921A, B		
DESIGN LINE Telephone	SA503-200-106	
2930A, B		
DESIGN LINE Telephone	SA503-200-103	
2931B		
DESIGN LINE Telephone	SA503-200-103	

## TELEPHONE SET (Cont)

## Telephone Set (Cont)

## Connections (Cont)

## 300-Type

## Outdoor Locations

302AA, AC	502-410-400
302E, G	502-400-400
304A, C	502-400-401
305E, G	502-400-402
306A, C	502-400-403

## Conversion for use with Individual Lines and Two-Party Service

306G	502-400-405
307A	502-400-406
307C	510-130-400
309A	510-130-400
309C	510-130-401

## 322-Type

## Elevator Telephone Set

325-Type	502-402-100
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## Outdoor Locations

329-Type	502-410-400
331-Type (Portable)	502-400-407
332A, C	510-810-100
334C	502-400-408
354A, C	502-400-409
356A, C	502-400-410
357A	502-400-411
357C	510-130-402

401-Type	510-130-402
402-Type	502-430-400
410-Type	502-430-400
411-Type	502-430-400
412-Type	502-430-400
440-Type	502-435-400
460-Type	502-435-400

500R/S	
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3-Type Speakerphone System	SD512-620-410
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500S, SM	
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4A Speakerphone System	SD512-710-405
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500Y	
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761B Private Branch Exchange	551-722-210
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500YR	
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761B Private Branch Exchange	551-722-210
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511-Type	
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1A Home Interphone System	512-510-401
3-Type Speakerphone System	SD512-620-415
4A Speakerphone System	SD512-710-410

511C/D	
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2A Farm Interphone System	512-515-402
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511F/H	
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2A Farm Interphone System	512-515-402
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5302G	502-400-401
5304C	502-400-402
5306C	502-400-404
5410-Type	502-430-400

558-Type	
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1A Home Interphone System	512-510-403
3-Type Speakerphone System	SD512-620-418
4A Speakerphone System	SD512-710-412

558C/D	
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2A Farm Interphone System	512-515-404
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## TELEPHONE SET (Cont)

## Telephone Set (Cont)

## Connections (Cont)

## 558F

2A Farm Interphone System	512-515-404
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## 565-Type

3-Type Speakerphone System	SD512-620-420
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565-Type Plug-Ended	
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4A Speakerphone System	SD512-720-405
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566-Type	
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3-Type Speakerphone System	512-620-426
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566MD, MDM	
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4A Speakerphone System	SD512-720-406
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568HAA	
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3-Type Speakerphone System	512-620-430
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630-Type	
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3-Type Speakerphone System	SD512-620-440
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4A Speakerphone System	SD512-730-400
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631-Type	
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3-Type Speakerphone System	SD512-620-440
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4A Speakerphone System	SD512-730-400
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632-Type	
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3-Type Speakerphone System	SD512-620-442
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4A Speakerphone System	SD512-730-400
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634-Type	
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3-Type Speakerphone System	512-620-444
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4A Speakerphone System	SD512-730-400
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635-Type	
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3-Type Speakerphone System	512-620-444
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4A Speakerphone System	SD512-730-400
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660A1	
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3-Type Speakerphone System	SD512-620-460
4A Speakerphone System	SD512-730-450

661-Type	
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3-Type Speakerphone System	512-620-461
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662-Type	
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3-Type Speakerphone System	SD512-620-462
4A Speakerphone System	SD512-730-455

682AA	
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3-Type Speakerphone System	512-620-450
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682AA, AAM	
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4A Speakerphone System	SD512-730-460
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683AA	
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3-Type Speakerphone System	512-620-450
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683AA, AAM	
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4A Speakerphone System	SD512-730-460
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701B	
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3-Type Speakerphone System	SD512-620-471
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702B	
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3-Type Speakerphone System	SD512-620-471
4A Speakerphone System	SD512-740-405

711B	
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1A Home Interphone System	512-510-405
2A Farm Interphone System	512-515-407

4A Speakerphone System	SD512-740-410
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712B	
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1A Home Interphone System	512-510-406
2A Farm Interphone System	512-515-408

4A Speakerphone System	SD512-740-410
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## TELEPHONE SET (Cont)

## Telephone Set (Cont)

## Connections (Cont)

712BM	
4A Speakerphone System	SD512-740-410
751-Type	
1A Home Interphone System	512-510-408
752-Type	
1A Home Interphone System	512-510-410
3-Type Speakerphone System	SD512-620-480
754-Type	
1A Home Interphone System	512-510-412
830-Type	
3-Type Speakerphone System	512-620-485
4A Speakerphone System	SD512-740-470
831-Type	
3-Type Speakerphone System	512-620-485
4A Speakerphone System	SD512-740-470
832-Type	
3-Type Speakerphone System	SD512-620-487
4A Speakerphone System	SD512-740-471
833-Type	
3-Type Speakerphone System	SD512-620-487
4A Speakerphone System	SD512-740-471
851-Type	
3-Type Speakerphone System	SD512-620-495
4A Speakerphone System	SD512-740-480
852-Type	
4A Speakerphone System	SD512-740-481
881A100	
DESIGN LINE Telephone	SA503-200-107
881A101	
DESIGN LINE Telephone	SA503-200-107
881A102	
DESIGN LINE Telephone	SA503-200-108
881A103	
DESIGN LINE Telephone	SA503-200-108
881A104	
DESIGN LINE Telephone	SA503-200-108
881A105	
DESIGN LINE Telephone	SA503-200-109
881A106	
DESIGN LINE Telephone	SA503-200-109
881A107	
DESIGN LINE Telephone	SA503-200-109
881A108	
DESIGN LINE Telephone	SA503-200-109
881B100	
DESIGN LINE Telephone	SA503-200-107
881B101	
DESIGN LINE Telephone	SA503-200-107
881B102	
DESIGN LINE Telephone	SA503-200-108
881B103	
DESIGN LINE Telephone	SA503-200-108
881B104	
DESIGN LINE Telephone	SA503-200-108
881B105	
DESIGN LINE Telephone	SA503-200-109
881B106	
DESIGN LINE Telephone	SA503-200-109
881B107	
DESIGN LINE Telephone	SA503-200-109
881B108	
DESIGN LINE Telephone	SA503-200-109

## TELEPHONE SET (Cont)

## Telephone Set (Cont)

## Connections (Cont)

881B109, 881C109	
DESIGN LINE Telephone	SA503-200-111
881B110	
DESIGN LINE Telephone	SA503-200-107
881C100	
DESIGN LINE Telephone	SA503-200-107
881C101	
DESIGN LINE Telephone	SA503-200-107
881C102	
DESIGN LINE Telephone	SA503-200-108
881C103	
DESIGN LINE Telephone	SA503-200-108
881C104	
DESIGN LINE Telephone	SA503-200-108
881C110	
DESIGN LINE Telephone	SA503-200-107
882A200	
DESIGN LINE Telephone	SA503-200-110
882B200	
DESIGN LINE Telephone	SA503-200-110
900A, B	
DESIGN LINE Telephone	SA503-200-100
902A1	
DESIGN LINE Telephone	SA503-200-102
910A	
DESIGN LINE Telephone	SA503-200-101
921A, B	
DESIGN LINE Telephone	SA503-200-106
930A, B	
DESIGN LINE Telephone	SA503-200-103
940-Type	
DESIGN LINE Telephone	SA503-200-104
<i>Identification</i>	
D-180574 Coin Decorator	
DESIGN LINE Telephone	SA503-200-113
F-50682 Ground Observer	510-820-100
F-56105	
Using KS-16844 RAPIDIAL	512-120-101
F-56503	
Using KS-19594 Dialer	512-126-100
F-58554	
Card Dialer	502-690-100
F-58555	
Card Dialer	502-690-101
2881A100	
DESIGN LINE Telephone	SA503-200-107
2881A101	
DESIGN LINE Telephone	SA503-200-107
2881B100	
DESIGN LINE Telephone	SA503-200-107
2881B101	
DESIGN LINE Telephone	SA503-200-107
2881B109, 2881C109	
DESIGN LINE Telephone	SA503-200-111
2881B110	
DESIGN LINE Telephone	SA503-200-107
2881C100	
DESIGN LINE Telephone	SA503-200-107
2881C101	
DESIGN LINE Telephone	SA503-200-107
2881C110	
DESIGN LINE Telephone	SA503-200-107

## TELEPHONE SET (Cont)

Telephone Set (Cont)

Identification (Cont)

2881C111	
DESIGN LINE Telephone	SA503-200-112
2900A, B	
DESIGN LINE Telephone	SA503-200-100
2902A1	
DESIGN LINE Telephone	SA503-200-102
2910A	
DESIGN LINE Telephone	SA503-200-101
2911A1	
DESIGN LINE Telephone	SA503-200-105
2921A, B	
DESIGN LINE Telephone	SA503-200-106
2930A, B	
DESIGN LINE Telephone	SA503-200-103
2931B	
DESIGN LINE Telephone	SA503-200-103
2950A-Type	
DESIGN LINE Telephone	SA503-200-114
300 Series	
For Indoor Locations	502-400-100
322-Type	
Elevator Telephone Set	502-402-100
325-Type	502-402-105
329-Type	502-400-407
331-Type (Portable)	510-810-100
401-Type	502-430-100
402-Type	502-430-100
410-Type	502-430-100
411-Type	502-430-100
412-Type	502-430-100
440-Type	502-435-100
460-Type	502-435-100
500Y	
761B Private Branch	
Exchange	551-722-210
500YR	
761B Private Branch	
Exchange	551-722-210
5300 Series	502-400-101
881A100	
DESIGN LINE Telephone	SA503-200-107
881A101	
DESIGN LINE Telephone	SA503-200-107
881A102	
DESIGN LINE Telephone	SA503-200-108
881A103	
DESIGN LINE Telephone	SA503-200-108
881A104	
DESIGN LINE Telephone	SA503-200-108
881A105	
DESIGN LINE Telephone	SA503-200-109
881A106	
DESIGN LINE Telephone	SA503-200-109
881A107	
DESIGN LINE Telephone	SA503-200-109
881A108	
DESIGN LINE Telephone	SA503-200-109
881B100	
DESIGN LINE Telephone	SA503-200-107
881B101	
DESIGN LINE Telephone	SA503-200-107
881B102	
DESIGN LINE Telephone	SA503-200-108

## TELEPHONE SET (Cont)

Telephone Set (Cont)

Identification (Cont)

881B103	
DESIGN LINE Telephone	SA503-200-108
881B104	
DESIGN LINE Telephone	SA503-200-108
881B105	
DESIGN LINE Telephone	SA503-200-109
881B106	
DESIGN LINE Telephone	SA503-200-109
881B107	
DESIGN LINE Telephone	SA503-200-109
881B108	
DESIGN LINE Telephone	SA503-200-109
881B109, 881C109	
DESIGN LINE Telephone	SA503-200-111
881B110	
DESIGN LINE Telephone	SA503-200-107
881C100	
DESIGN LINE Telephone	SA503-200-107
881C101	
DESIGN LINE Telephone	SA503-200-107
881C102	
DESIGN LINE Telephone	SA503-200-108
881C103	
DESIGN LINE Telephone	SA503-200-108
881C104	
DESIGN LINE Telephone	SA503-200-108
881C110	
DESIGN LINE Telephone	SA503-200-107
881C111	
DESIGN LINE Telephone	SA503-200-112
882A200	
DESIGN LINE Telephone	SA503-200-110
882B200	
DESIGN LINE Telephone	SA503-200-110
900A, B	
DESIGN LINE Telephone	SA503-200-100
902A1	
DESIGN LINE Telephone	SA503-200-102
910A	
DESIGN LINE Telephone	SA503-200-101
911A1	
DESIGN LINE Telephone	SA503-200-105
921A, B	
DESIGN LINE Telephone	SA503-200-106
930A, B	
DESIGN LINE Telephone	SA503-200-103
940-Type	
DESIGN LINE Telephone	SA503-200-104
950A-Type	
DESIGN LINE Telephone	SA503-200-114
Installation	
D-180574 Coin Decorator	
DESIGN LINE Telephone	SA503-200-113
F-50682 Ground Observer	510-820-100
F-56105	
Using KS-1684 RAPIDIAL	512-120-101
F-56503	
Using KS-19594 Dialer	512-126-100
F-58554	
Card Dialer	502-690-100
F-58555	
Card Dialer	502-690-101

**TELEPHONE SET (Cont)**Telephone Set (Cont)  
Installation (Cont)

2881A100	
DESIGN LINE Telephone	SA503-200-107
2881A101	
DESIGN LINE Telephone	SA503-200-107
2881B100	
DESIGN LINE Telephone	SA503-200-107
2881B101	
DESIGN LINE Telephone	SA503-200-107
2881B109, 2881C109	
DESIGN LINE Telephone	SA503-200-111
2881B110	
DESIGN LINE Telephone	SA503-200-107
2881C100	
DESIGN LINE Telephone	SA503-200-107
2881C101	
DESIGN LINE Telephone	SA503-200-107
2881C110	
DESIGN LINE Telephone	SA503-200-107
2881C111	
DESIGN LINE Telephone	SA503-200-112
2900A, B	
DESIGN LINE Telephone	SA503-200-100
2902A1	
DESIGN LINE Telephone	SA503-200-102
2910A	
DESIGN LINE Telephone	SA503-200-101
2911A1	
DESIGN LINE Telephone	SA503-200-105
2921A, B	
DESIGN LINE Telephone	SA503-200-106
2930A, B	
DESIGN LINE Telephone	SA503-200-103
2931B	
DESIGN LINE Telephone	SA503-200-103
2950A-Type	
DESIGN LINE Telephone	SA503-200-114
322-Type	
Elevator Telephone Set	502-402-100
325-Type	502-402-105
331-Type (Portable)	510-810-100
500Y	
761B Private Branch Exchange	551-722-210
500YR	
761B Private Branch Exchange	551-722-210
881A100	
DESIGN LINE Telephone	SA503-200-107
881A101	
DESIGN LINE Telephone	SA503-200-107
881A102	
DESIGN LINE Telephone	SA503-200-108
881A103	
DESIGN LINE Telephone	SA503-200-108
881A104	
DESIGN LINE Telephone	SA503-200-108
881A105	
DESIGN LINE Telephone	SA503-200-109
881A106	
DESIGN LINE Telephone	SA503-200-109
881A107	
DESIGN LINE Telephone	SA503-200-109

**TELEPHONE SET (Cont)**Telephone Set (Cont)  
Installation (Cont)

881A108	
DESIGN LINE Telephone	SA503-200-109
881B100	
DESIGN LINE Telephone	SA503-200-107
881B101	
DESIGN LINE Telephone	SA503-200-107
881B102	
DESIGN LINE Telephone	SA503-200-108
881B103	
DESIGN LINE Telephone	SA503-200-108
881B104	
DESIGN LINE Telephone	SA503-200-108
881B105	
DESIGN LINE Telephone	SA503-200-109
881B106	
DESIGN LINE Telephone	SA503-200-109
881B107	
DESIGN LINE Telephone	SA503-200-109
881B108	
DESIGN LINE Telephone	SA503-200-109
881B109, 881C109	
DESIGN LINE Telephone	SA503-200-111
881B110	
DESIGN LINE Telephone	SA503-200-107
881C100	
DESIGN LINE Telephone	SA503-200-107
881C101	
DESIGN LINE Telephone	SA503-200-107
881C102	
DESIGN LINE Telephone	SA503-200-108
881C103	
DESIGN LINE Telephone	SA503-200-108
881C104	
DESIGN LINE Telephone	SA503-200-108
881C110	
DESIGN LINE Telephone	SA503-200-107
881C111	
DESIGN LINE Telephone	SA503-200-112
882A200	
DESIGN LINE Telephone	SA503-200-110
882B200	
DESIGN LINE Telephone	SA503-200-110
900A, B	
DESIGN LINE Telephone	SA503-200-100
902A1	
DESIGN LINE Telephone	SA503-200-102
910A	
DESIGN LINE Telephone	SA503-200-101
911A1	
DESIGN LINE Telephone	SA503-200-105
921A, B	
DESIGN LINE Telephone	SA503-200-106
930A, B	
DESIGN LINE Telephone	SA503-200-103
940-Type	
DESIGN LINE Telephone	SA503-200-104
950A-Type	
DESIGN LINE Telephone	SA503-200-114
<i>Maintenance</i>	
D-180574 Coin Decorator	
DESIGN LINE Telephone	SA503-200-113
F-50682 Ground Observer	510-820-100

## TELEPHONE SET (Cont)

Telephone Set (Cont)		
Maintenance (Cont)		
F-56503		
Using KS-19594 Dialer	512-126-100	
F-58554		
Card Dialer	502-690-100	
F-58555		
Card Dialer	502-690-101	
1500S		
3-Type Speakerphone System	SD512-620-410	
1511-Type		
1A Home Interphone System	512-510-421	
3-Type Speakerphone System	SD512-620-415	
1511D		
2A Farm Interphone System	512-515-412	
1511F/H		
2A Farm Interphone System	512-515-412	
1558-Type		
3-Type Speakerphone System	SD512-620-418	
1558D		
1A Home Interphone System	512-510-423	
2A Farm Interphone System	512-515-414	
1565-Type		
3-Type Speakerphone System	SD512-620-420	
1632-Type		
3-Type Speakerphone System	SD512-620-442	
1634-Type		
3-Type Speakerphone System	512-620-444	
1635-Type		
3-Type Speakerphone System	512-620-444	
1660-Type		
3-Type Speakerphone System	512-621-460	
1702B		
3-Type Speakerphone System	SD512-620-471	
1712B		
1A Home Interphone System	512-510-426	
2A Farm Interphone System	512-515-418	
1751-Type		
1A Home Interphone System	512-510-428	
1752-Type		
1A Home Interphone System	512-510-430	
3-Type Speakerphone System	SD512-620-480	
2500S		
3-Type Speakerphone System	SD512-620-410	
2511-Type		
3-Type Speakerphone System	SD512-620-415	
2511F		
2A Farm Interphone System	512-515-422	
2511F/H		
1A Home Interphone System	512-510-441	
2558-Type		
3-Type Speakerphone System	SD512-620-418	
2558D		
1A Home Interphone System	512-510-443	
2A Farm Interphone System	512-515-424	
2565-Type		
3-Type Speakerphone System	SD512-620-420	
2632-Type		
3-Type Speakerphone System	SD512-620-442	
2634-Type		
3-Type Speakerphone System	512-620-444	
2635-Type		
3-Type Speakerphone System	512-620-444	
2660-Type		
3-Type Speakerphone System	512-622-460	

## TELEPHONE SET (Cont)

Telephone Set (Cont)		
Maintenance (Cont)		
2702-Type		
3-Type Speakerphone System	SD512-620-471	
2712B		
1A Home Interphone System	512-510-446	
2A Farm Interphone System	512-515-428	
2751-Type		
1A Home Interphone System	512-510-448	
2752-Type		
1A Home Interphone System	512-510-450	
3-Type Speakerphone System	SD512-620-480	
2754-Type		
1A Home Interphone System	512-510-452	
2851-Type		
3-Type Speakerphone System	SD512-620-495	
300 Series	502-400-300	
325-Type	502-402-105	
329-Type	502-400-407	
331-Type (Portable)	510-810-100	
401-Type	502-430-300	
402-Type	502-430-300	
410-Type	502-430-300	
411-Type	502-430-300	
412-Type	502-430-300	
440-Type	502-435-300	
460-Type	502-435-300	
500R/S		
3-Type Speakerphone System	SD512-620-410	
511-Type		
1A Home Interphone System	512-510-401	
3-Type Speakerphone System	SD512-620-415	
511C/D		
2A Farm Interphone System	512-515-402	
511F/H		
2A Farm Interphone System	512-515-402	
5300 Series	502-400-301	
558-Type		
1A Home Interphone System	512-510-403	
3-Type Speakerphone System	SD512-620-418	
558C/D		
2A Farm Interphone System	512-515-404	
558F		
2A Farm Interphone System	512-515-404	
565-Type		
3-Type Speakerphone System	SD512-620-420	
566-Type		
3-Type Speakerphone System	512-620-426	
632-Type		
3-Type Speakerphone System	SD512-620-442	
634-Type		
3-Type Speakerphone System	512-620-444	
635-Type		
3-Type Speakerphone System	512-620-444	
660A1		
3-Type Speakerphone System	SD512-620-460	
701B		
3-Type Speakerphone System	SD512-620-471	
702B		
3-Type Speakerphone System	SD512-620-471	
711B		
1A Home Interphone System	512-510-405	
2A Farm Interphone System	512-515-407	
712B		
1A Home Interphone System	512-510-406	

**TELEPHONE SET (Cont)**

Telephone Set (Cont)	
<i>Maintenance (Cont)</i>	
2A Farm Interphone System	512-515-408
751-Type	
1A Home Interphone System	512-510-408
752-Type	
1A Home Interphone System	512-510-410
3-Type Speakerphone System	SD512-620-480
754-Type	
1A Home Interphone System	512-510-412
851-Type	
3-Type Speakerphone System	SD512-620-495
<i>Method of Operation (Fixed Loop Termination)</i>	
622-Type	
No. 5 Crossbar Centrex CO (Arranged for Phase I Centrex)	540-575-321
<i>Method of Operation (Switched Loop Termination)</i>	
622-Type	
No. 5 Crossbar Centrex CO (Arranged for Phase I Centrex)	540-575-322
<i>Operation</i>	
F-56105	
Using KS-16844 RAPIDIAL	512-120-101
F-56503	
Using KS-19594 Dialer	512-126-100
<i>Reference</i>	
1630-Type	
CALL DIRECTOR* Telephone	502-602-100
1631-Type	
CALL DIRECTOR* Telephone	502-602-100
1632-Type	
CALL DIRECTOR* Telephone	502-602-100
1634-Type	
CALL DIRECTOR* Telephone	502-602-101
1635-Type	
CALL DIRECTOR* Telephone	502-602-101
1636-Type	
CALL DIRECTOR* Telephone	502-602-101
1637-Type	
CALL DIRECTOR* Telephone	502-602-101
1638-Type	
CALL DIRECTOR* Telephone	502-602-101
1639-Type	
CALL DIRECTOR* Telephone	502-602-101
1660-Type	
Card Dialer (0-1 Button)	502-602-120
1662-Type	
Card Dialer (6-Button)	502-602-121
1663-Type	
Card Dialer (0-1 Button)	502-602-120
1664-Type	
Card Dialer (6-Button)	502-602-121
2630-Type	
CALL DIRECTOR* Telephone	502-603-100
2631-Type	
CALL DIRECTOR* Telephone	502-603-100
2632-Type	
CALL DIRECTOR* Telephone	502-603-100
2634-Type	
CALL DIRECTOR* Telephone	502-603-101

**TELEPHONE SET (Cont)**

Telephone Set (Cont)	
<i>Reference (Cont)</i>	
2635-Type	
CALL DIRECTOR* Telephone	502-603-101
2636-Type	
CALL DIRECTOR* Telephone	502-603-101
2637-Type	
CALL DIRECTOR* Telephone	502-603-101
2638-Type	
CALL DIRECTOR* Telephone	502-603-101
2639-Type	
CALL DIRECTOR* Telephone	502-603-101
2660-Type	
Card Dialer (0-1 Button)	502-603-120
2660A1M	
Card Dialer	502-603-121
2662-Type	
Card Dialer (6-Button)	502-603-130
2662A1M	
Card Dialer	502-603-131
2663-Type	
Card Dialer (0-1 Button)	502-603-120
2664-Type	
Card Dialer (6-Button)	502-603-130
2682-Type	
CALL DIRECTOR* Telephone	502-603-101
2683-Type	
CALL DIRECTOR* Telephone	502-603-101
608-Type	
CALL DIRECTOR* Telephone	502-601-101
609-Type	
CALL DIRECTOR* Telephone	502-601-102
617-Type	
CALL DIRECTOR* Telephone	502-601-102
618-Type	
CALL DIRECTOR* Telephone	502-601-101
625-Type	
CALL DIRECTOR* Telephone	502-601-102
630-Type	
CALL DIRECTOR* Telephone	502-601-100
631-Type	
CALL DIRECTOR* Telephone	502-601-100
632-Type	
CALL DIRECTOR* Telephone	502-601-100
634-Type	
CALL DIRECTOR* Telephone	502-601-101
635-Type	
CALL DIRECTOR* Telephone	502-601-101
636-Type	
CALL DIRECTOR* Telephone	502-601-101
637-Type	
CALL DIRECTOR* Telephone	502-601-101
638-Type	
CALL DIRECTOR* Telephone	502-601-101
639-Type	
CALL DIRECTOR* Telephone	502-601-101
660-Type	
Card Dialer (0-1 Button)	502-601-120
660A1M	
Card Dialer	502-601-121
661-Type	
Card Dialer (6-Button)	502-601-130
662-Type	
Card Dialer (6-Button)	502-601-130

## SECTION 460-000-006

## TELEPHONE SET (Cont)

## Telephone Set (Cont)

## Reference (Cont)

662A1M	
Card Dialer	502-601-131
663-Type	
Card Dialer (0-1 Button)	502-601-120
664-Type	
Card Dialer (6-Button)	502-601-130
682-Type	
CALL DIRECTOR* Telephone	502-601-101
683-Type	
CALL DIRECTOR* Telephone	502-601-101
752-Type	
Panel Telephone	502-705-102
754-Type	
Panel Telephone	502-705-102

## Service

1500M	SB502-581-400
1500S	SB502-581-401
1500Y	SB502-581-402
1514B	SB502-581-403
1630D	
CALL DIRECTOR* Telephone	502-611-400
1631D	
CALL DIRECTOR* Telephone	502-611-400
1632C	
CALL DIRECTOR* Telephone	502-611-401
1634	
CALL DIRECTOR* Telephone	502-611-402
1635	
CALL DIRECTOR* Telephone	502-611-402
1636C	
CALL DIRECTOR* Telephone	502-611-403
1637C	
CALL DIRECTOR* Telephone	502-611-403
1638C	
CALL DIRECTOR* Telephone	502-611-404
1639D	
CALL DIRECTOR* Telephone	502-611-404
1660-Type	
Card Dialer	502-618-400
1662-Type	
Card Dialer	502-618-402
1663-Type	
Card Dialer	502-618-403
1664-Type	
Card Dialer	502-618-404
2514B, BM	SA502-582-404
2526B, BM	SA502-582-415
2630D	
CALL DIRECTOR* Telephone	KA502-612-400
2630DA, DAM	
CALL DIRECTOR* Telephone	KA502-612-401
2631D	
CALL DIRECTOR* Telephone	KA502-612-400
2631DA, DAM	
CALL DIRECTOR* Telephone	KA502-612-401
2632C	
CALL DIRECTOR* Telephone	502-612-402
2634D	
CALL DIRECTOR* Telephone	KA502-612-403
2634DA	
CALL DIRECTOR* Telephone	KA502-612-409
2634DAM	
CALL DIRECTOR* Telephone	KA502-612-409

## TELEPHONE SET (Cont)

## Telephone Set (Cont)

## Service (Cont)

2635D	
CALL DIRECTOR* Telephone	KA502-612-403
2635DA	
CALL DIRECTOR* Telephone	KA502-612-409
2635DAM	
CALL DIRECTOR* Telephone	KA502-612-409
2636C	
CALL DIRECTOR* Telephone	KA502-612-404
2636CA, CAM	
CALL DIRECTOR* Telephone	KA502-612-410
2637D	
CALL DIRECTOR* Telephone	KA502-612-404
2637DA, DAM	
CALL DIRECTOR* Telephone	KA502-612-410
2638C	
CALL DIRECTOR* Telephone	502-612-405
2638CA, CAM	
CALL DIRECTOR* Telephone	502-612-411
2639D	
CALL DIRECTOR* Telephone	502-612-405
2639DA, DAM	
CALL DIRECTOR* Telephone	502-612-411
2660-Type	
Card Dialer	SC502-619-400
2660A1M	
Card Dialer	SB502-619-405
2662-Type	
Card Dialer	SC502-619-402
2662A1M	
Card Dialer	SC502-619-406
2663A1	
Card Dialer	SC502-619-403
2664-Type	
Card Dialer	502-619-404
2682AA, AAM	
CALL DIRECTOR* Telephone	502-612-425
2683AA, AAM	
CALL DIRECTOR* Telephone	502-612-425
462AC	502-435-401
466AC	502-435-401
608B, C	
CALL DIRECTOR* Telephone	502-610-400
609A, B	
CALL DIRECTOR* Telephone	502-610-401
617A, B	
CALL DIRECTOR* Telephone	502-610-402
618A, B	
CALL DIRECTOR* Telephone	502-610-400
621A	
CALL DIRECTOR* Telephone	502-610-403
622A	
CALL DIRECTOR* Telephone	502-610-404
625A1	
CALL DIRECTOR* Telephone	502-610-405
630A, B, C, D	
CALL DIRECTOR* Telephone	KA502-610-406
630DA, DAM	
CALL DIRECTOR* Telephone	KA502-610-407
631A, B, C, D	
CALL DIRECTOR* Telephone	KA502-610-406
631DA, DAM	
CALL DIRECTOR* Telephone	KA502-610-407

## TELEPHONE SET (Cont)

Telephone Set (Cont)

Service (Cont)

632A, C  
CALL DIRECTOR\* Telephone 502-610-408

634A, B, C, D  
CALL DIRECTOR\* Telephone KA502-610-409

634DA, DAM  
CALL DIRECTOR\* Telephone KA502-610-417

635A, C, D  
CALL DIRECTOR\* Telephone KA502-610-409

635DA, DAM  
CALL DIRECTOR\* Telephone KA502-610-417

636A, B, C  
CALL DIRECTOR\* Telephone KA502-610-410

636CA, CAM  
CALL DIRECTOR\* Telephone KA502-610-418

637A, B, C, D  
CALL DIRECTOR\* Telephone KA502-610-410

637DA, DAM  
CALL DIRECTOR\* Telephone KA502-610-418

637EA13  
CSRAF used with No. 1 ESS or  
No. 5 Crossbar 502-610-413

638A, B, C  
CALL DIRECTOR\* Telephone 502-610-411

638CA, CAM  
CALL DIRECTOR\* Telephone 502-610-419

639A, C, D  
CALL DIRECTOR\* Telephone 502-610-411

639DA, DAM  
CALL DIRECTOR\* Telephone 502-610-419

660-Type  
Card Dialer SC502-617-400

660A1M  
Card Dialer SC502-617-405

661-Type  
Card Dialer 502-617-401

662-Type  
Card Dialer SC502-617-402

662A1M  
Card Dialer SC502-617-406

663-Type  
Card Dialer SC502-617-403

664-Type  
Card Dialer 502-617-404

682AA, AAM  
CALL DIRECTOR\* Telephone 502-610-412

683AA, AAM  
CALL DIRECTOR\* Telephone 502-610-412

TOUCH-A-MATIC\* Automatic Dialer

Connections

F-59796

TOUCH-A-MATIC\* Automatic  
Dialer SA503-701-100

F-59797

TOUCH-A-MATIC\* Automatic  
Dialer SA503-701-100

F-59798

TOUCH-A-MATIC\* Automatic  
Dialer SA503-701-100

F-59799

TOUCH-A-MATIC\* Automatic  
Dialer SA503-701-100

## TELEPHONE SET (Cont)

TOUCH-A-MATIC\* Automatic Dialer (Cont)

Connections (Cont)

F-60208

TOUCH-A-MATIC\* Automatic  
Dialer SA503-701-100

F-60209

TOUCH-A-MATIC\* Automatic  
Dialer SA503-701-100

F-60210

TOUCH-A-MATIC\* Automatic  
Dialer SA503-701-100

F-60211

TOUCH-A-MATIC\* Automatic  
Dialer SA503-701-100

2870A1M

TOUCH-A-MATIC\* Automatic  
Dialer SC503-300-101

2870A2M

TOUCH-A-MATIC\* Automatic  
Dialer SC503-300-101

870A1M

TOUCH-A-MATIC\* Automatic  
Dialer SC503-300-100

870A2M

TOUCH-A-MATIC\* Automatic  
Dialer SC503-300-100

Identification

F-59796

TOUCH-A-MATIC\* Automatic  
Dialer SA503-701-100

F-59797

TOUCH-A-MATIC\* Automatic  
Dialer SA503-701-100

F-59798

TOUCH-A-MATIC\* Automatic  
Dialer SA503-701-100

F-59799

TOUCH-A-MATIC\* Automatic  
Dialer SA503-701-100

F-60208

TOUCH-A-MATIC\* Automatic  
Dialer SA503-701-100

F-60209

TOUCH-A-MATIC\* Automatic  
Dialer SA503-701-100

F-60210

TOUCH-A-MATIC\* Automatic  
Dialer SA503-701-100

F-60211

TOUCH-A-MATIC\* Automatic  
Dialer SA503-701-100

2870A1M

TOUCH-A-MATIC\* Automatic  
Dialer SC503-300-101

2870A2M

TOUCH-A-MATIC\* Automatic  
Dialer SC503-300-101

870A1M

TOUCH-A-MATIC\* Automatic  
Dialer SC503-300-100

870A2M

TOUCH-A-MATIC\* Automatic  
Dialer SC503-300-100

TELEPHONE SET (Cont)

TOUCH-A-MATIC® Automatic Dialer (Cont)

Installation

F-59796

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

F-59797

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

F-59798

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

F-59799

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

F-60208

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

F-60209

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

F-60210

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

F-60211

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

2870A1M

TOUCH-A-MATIC® Automatic Dialer

SC503-300-101

2870A2M

TOUCH-A-MATIC® Automatic Dialer

SC503-300-101

870A1M

TOUCH-A-MATIC® Automatic Dialer

SC503-300-100

870A2M

TOUCH-A-MATIC® Automatic Dialer

SC503-300-100

Maintenance

F-59796

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

F-59797

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

F-59798

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

F-59799

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

F-60208

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

F-60209

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

F-60210

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

F-60211

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

TELEPHONE SET (Cont)

TOUCH-A-MATIC® Automatic Dialer (Cont)

Maintenance (Cont)

2870A1M

TOUCH-A-MATIC® Automatic Dialer

SC503-300-101

2870A2M

TOUCH-A-MATIC® Automatic Dialer

SC503-300-101

870A1M

TOUCH-A-MATIC® Automatic Dialer

SC503-300-100

870A2M

TOUCH-A-MATIC® Automatic Dialer

SC503-300-100

Operation

F-59796

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

F-59797

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

F-59798

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

F-59799

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

F-60208

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

F-60209

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

F-60210

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

F-60211

TOUCH-A-MATIC® Automatic Dialer

SA503-701-100

870A1M

TOUCH-A-MATIC® Automatic Dialer

SC503-300-100

870A2M

TOUCH-A-MATIC® Automatic Dialer

SC503-300-100

TOUCH-A-MATIC® Set

Connections

2872A1M

TOUCH-A-MATIC® Set

SC503-603-101

2872A2M

TOUCH-A-MATIC® Set

SC503-603-101

872A1M

TOUCH-A-MATIC® Set

SC503-603-102

Identification

2872A1M

TOUCH-A-MATIC® Set

SC503-603-101

2872A2M

TOUCH-A-MATIC® Set

SC503-603-101

872A1M

TOUCH-A-MATIC® Set

SC503-603-102

Installation

2872A1M

TOUCH-A-MATIC® Set

SC503-603-101

2872A2M

TOUCH-A-MATIC® Set

SC503-603-101



**TELEPHONE SET (Cont)****TOUCH-A-MATIC® Set (Cont)***Installation (Cont)*

872A1M

TOUCH-A-MATIC® Set

SC503-603-102

*Maintenance*

2872A1M

TOUCH-A-MATIC® Set

SC503-603-101

2872A2M

TOUCH-A-MATIC® Set

SC503-603-101

872A1M

TOUCH-A-MATIC® Set

SC503-603-102

*Operation*

2872A1M

TOUCH-A-MATIC® Set

SC503-603-101

2872A2M

TOUCH-A-MATIC® Set

SC503-603-101

872A1M

TOUCH-A-MATIC® Set

SC503-603-102

**TOUCH-A-MATIC® 16 Set***Connections*

2960A01M

TOUCH-A-MATIC® Set

SC503-301-101

*Identification*

2960A01M

TOUCH-A-MATIC® Set

SC503-301-101

*Installation*

2960A01M

TOUCH-A-MATIC® Set

SC503-301-101

*Maintenance*

2960A01M

TOUCH-A-MATIC® Set

SC503-301-101

*Operation*

2960A01M

TOUCH-A-MATIC® Set

SC503-301-101

*Connections*

960A01M

TOUCH-A-MATIC® Set

SC503-301-100

*Identification*

960A01M

TOUCH-A-MATIC® Set

SC503-301-100

*Installation*

960A01M

TOUCH-A-MATIC® Set

SC503-301-100

*Maintenance*

960A01M

TOUCH-A-MATIC® Set

SC503-301-100

*Operation*

960A01M

TOUCH-A-MATIC® Set

SC503-301-100

**Two Line-1 Button***Common Installation and Maintenance**Information*

502-500-110

*Reference*

1502-Type

502-502-102

1510-Type

502-502-102

1511-Type

502-502-102

1515-Type

502-502-102

1555-Type

502-502-102

1558-Type

502-502-102

1702D

PRINCESS® Telephone

502-702-103

1712B

PRINCESS® Telephone

502-702-101

**TELEPHONE SET (Cont)****Two Line-1 Button (Cont)***Reference (Cont)*

1713B

PRINCESS® Telephone

502-702-103

1751-Type

Panel Telephone

502-706-101

1753-Type

Panel Telephone

502-706-103

2502-Type

502-503-102

2510-Type

502-503-102

2511-Type

502-503-102

2515-Type

502-503-102

2555-Type

502-503-102

2558-Type

502-503-102

2702D, DM

PRINCESS® Telephone

502-703-103

2712B, BM

PRINCESS® Telephone

502-703-101

2713B, BM

PRINCESS® Telephone

502-703-103

2751-Type

Panel Telephone

502-707-101

2753-Type

Panel Telephone

502-707-103

502

502-501-102

510

502-501-102

511

502-501-102

515

502-501-102

555

502-501-102

558

502-501-102

751A/B

Panel Telephone

502-705-101

753-Type

Panel Telephone

502-705-103

*Selection**Service*

1510F

SB502-532-402

1511D

SB502-532-403

1511F/H

SB502-532-408

1515B

SB502-532-409

1520B

SB502-532-401

1555B

SB502-532-410

1558D

SB502-532-411

1712B

PRINCESS® Telephone

SB502-725-401

1713B

PRINCESS® Telephone

SB502-728-402

1751C, D

Panel Telephone

SB502-734-401

1753A, B

Panel Telephone

SB502-740-401

2502B, BM

SA502-533-401

2510F, FM

SA502-533-402

2511F

SA502-533-403

2511H, HM

SA502-533-403

2515B, BM

SA502-533-404

2555B, BM, BMP

SA502-533-405

2558D, DM

SA502-533-406

2712B, BM

PRINCESS® Telephone

SA502-726-401

2713B, BM

PRINCESS® Telephone

SA502-729-402

2751C, D

Panel Telephone

SA502-735-401

**TELEPHONE SET (Cont)**

Two Line-1 Button (Cont)	
<i>Service (Cont)</i>	
2753A, B	
Panel Telephone	
502A/B	SA502-741-401
502BM	SA502-531-401
510A, B, E, F	SA502-531-402
510FM	SA502-531-402
511A/B	SB502-531-403
511C/D	SB502-531-404
511F	SA502-531-405
511H, HM	SA502-531-405
515B, BM	SA502-531-406
555B, BM, BMP	SA502-531-407
558A/B	SA502-531-408
558C/D	SA502-531-409
558F, FM	SB502-531-410
712B, BM	
PRINCESS® Telephone	
751-Type	SA502-724-401
Panel Telephone	
753A, B	SA502-733-401
Panel Telephone	
	SA502-739-401
Wall Type (10-button)	
<i>Connections</i>	
2852A, AM	503-701-102
852A, AM	503-701-102
<i>Identification</i>	
2852A, AM	503-701-102
852A, AM	503-701-102
<i>Installation</i>	
2852A, AM	503-701-102
852A, AM	503-701-102
<i>Maintenance</i>	
2852A, AM	503-701-102
852A, AM	503-701-102
Wall Type (6-Button)	
<i>Connections</i>	
2851-Type	KA503-601-101
851-Type	KA503-601-101
<i>Identification</i>	
2851-Type	KA503-601-101
851-Type	KA503-601-101
<i>Installation</i>	
2851-Type	KA503-601-101
851-Type	KA503-601-101
<i>Maintenance</i>	
2851-Type	KA503-601-101
851-Type	KA503-601-101

**TELEPHONE SET BASE**

Telephone Set Base (5000AM)	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
Transaction Set Base (5000AM)	SC502-323-400
Used with 220- or 2220-Type	
Hand Telephone Set	SC502-323-400
5000AM Transaction I	SC502-323-400
Telephone Set Base (5100AM)	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
Transaction Set Base (5100AM)	SC502-323-401

**TELEPHONE SET BASE (Cont)**

Telephone Set Base (5100AM) (Cont)	
<i>Maintenance (Cont)</i>	
Used with 220- or 2220-Type	
Hand Telephone Set	SC502-323-401
5100AM Transaction	SC502-323-401
Telephone Set Base (5100BM)	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
Transaction Set Base (5100BM)	502-323-403
With 220- or 2220-Type Hand	
Telephone Set—Used With or	
Without 5000A Printer	502-323-403
5100BM Transaction	502-323-403
<b>TELEPHONE SET BASES</b>	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
Kit Plan	503-100-110
581A	SA503-100-120
<b>TELEPHONE SET COMPONENTS</b>	
<i>Connections</i>	
Customer Provided Housing	
F-56659	501-410-101
F-56660	501-410-101
Customer-Owned Enclosures	
Amplifiers	501-420-102
Cord Reels	501-420-102
Dial Mounting	501-420-101
Dials	501-420-101
Handset	501-420-102
Key Mounting	501-420-101
Keys	501-420-101
Line Switches	501-420-101
Loudspeaker	501-420-102
Network	501-420-102
Ringers	501-420-102
Transmitter	501-420-102
<i>General</i>	
Customer Provided Housing	
F-56659	SA501-410-400
F-56660	SA501-410-400
<i>Identification</i>	
Customer Provided Housing	
F-56659	501-410-101
F-56660	501-410-101
Customer-Owned Enclosures	
Amplifiers	501-420-102
Cord Reels	501-420-102
Dial Mounting	501-420-101
Dials	501-420-101
Handset	501-420-102
Key Mounting	501-420-101
Keys	501-420-101
Line Switches	501-420-101
Loudspeaker	501-420-102
Network	501-420-102
Ringers	501-420-102
Transmitter	501-420-102
<i>Installation</i>	
Customer Provided Housing	
F-56659	501-410-101
F-56660	501-410-101

## TELEPHONE SET COMPONENTS (Cont)

<i>Installation (Cont)</i>	
Customer-Owned Enclosures	
Amplifiers	501-420-102
Cord Reels	501-420-102
Dial Mounting	501-420-101
Dials	501-420-101
Handset	501-420-102
Key Mounting	501-420-101
Keys	501-420-101
Line Switches	501-420-101
Loudspeaker	501-420-102
Network	501-420-102
Ringers	501-420-102
Transmitter	501-420-102
<i>Maintenance</i>	
Customer Provided Housing	
F-56659	501-410-101
F-56660	501-410-101
Customer-Owned Enclosures	
Amplifiers	501-420-102
Cord Reels	501-420-102
Dial Mounting	501-420-101
Dials	501-420-101
Handset	501-420-102
Key Mounting	501-420-101
Keys	501-420-101
Line Switches	501-420-101
Loudspeaker	501-420-102
Network	501-420-102
Ringers	501-420-102
Transmitter	501-420-102
TELEPHONE SET JACKS; OPERATORS—SEE OPERATORS TELEPHONE SET JACKS	
TELEPHONE SET; ELEVATOR—SEE ELEVATOR TELEPHONE SET	
TELEPHONE SET; HAND—SEE HAND TELEPHONE SET	
TELEPHONE SET; KEY—SEE KEY TELEPHONE SET	
TELEPHONE SET; NONCOIN—SEE NONCOIN TELEPHONE SET	
TELEPHONE SET; REPORTING—SEE REPORTING TELEPHONE SET	
TELEPHONE SET, 2626A1	
<i>Description</i>	
307 Switching System	480-714-105
TELEPHONE SET, 2626A1; KEY—SEE KEY TELEPHONE SET, 2626A1	
TELEPHONE SET, 6-BUTTON; KEY—SEE KEY TELEPHONE SET, 6-BUTTON	
TELEPHONE SETS	
<i>Methods of Operation (Small 2B ACD Attendant Application)</i>	
2B Automatic Call Distributing System	
	476-270-303
TELEPHONE SETS (832- OR 2832-TYPE)	
<i>Arrangement</i>	
580A Key Service Unit	KC518-450-103
TELEPHONE SETS AND ASSOCIATED STATION APPARATUS	
<i>Selection of Indoor Locations</i>	
	502-120-200
TELEPHONE SETS AND BASES (LESS HOUSINGS)	
<i>Connections</i>	
	501-415-101
<i>Identification</i>	
	501-415-101

## TELEPHONE SETS AND BASES (LESS (Cont)

<i>Installation</i>		501-415-101
<i>Maintenance</i>		501-415-101
<i>Selection</i>		501-415-101
TELEPHONE SETS; COIN—SEE COIN TELEPHONE SETS		
TELEPHONE SETS; HEAD—SEE HEAD TELEPHONE SETS		
TELEPHONE SETS; NONKEY—SEE NONKEY TELEPHONE SETS		
TELEPHONE SETS; OPERATOR—SEE OPERATOR TELEPHONE SETS		
TELEPHONE SHELF; COIN—SEE COIN TELEPHONE SHELF		
TELEPHONE STATION SET		
<i>Method of Operation</i>		
800A Private Branch Exchange		553-118-300
TELEPHONE STATION; VIDEO—SEE VIDEO TELEPHONE STATION		
TELEPHONE STATIONS; COIN—SEE COIN TELEPHONE STATIONS		
TELEPHONE SYSTEM; CONFERENCE—SEE CONFERENCE TELEPHONE SYSTEM		
TELEPHONE SYSTEM; KEY—SEE KEY TELEPHONE SYSTEM		
TELEPHONE SYSTEMS; KEY—SEE KEY TELEPHONE SYSTEMS		
TELEPHONE TEST SET (J53054A)		
<i>Calibration</i>		
<i>Identification</i>		
<i>Installation</i>		
<i>Maintenance</i>		
<i>Operation</i>		
Test Set		105-290-100
TELEPHONE UNIT; KEY—SEE KEY TELEPHONE UNIT		
TELEPHONE UNITS; KEY—SEE KEY TELEPHONE UNITS		
TELEPHONE WARNING SYSTEM		
1A		
<i>Connections</i>		480-315-100
<i>General Description</i>		981-200-100
<i>Identification</i>		480-315-100
<i>Installation</i>		480-315-100
<i>Maintenance</i>		480-315-100
<i>Tests</i>		480-315-500
TELEPHONE; PANEL—SEE PANEL TELEPHONE		
TELEPHONE; PUBLIC—SEE PUBLIC TELEPHONE		
TELEPHONES; COIN—SEE COIN TELEPHONES		
TELETRAINER		
<i>Description</i>		
Carrying Cases, KS-16606		473-411-100
KS-16161		473-410-100
KS-16605		473-411-100
KS-21764		473-411-101
<i>Maintenance</i>		
Carrying Cases, KS-16606		473-411-100
KS-16161		473-410-100
KS-16605		473-411-100
KS-21764		473-411-101
<i>Operation</i>		
KS-16161		473-410-100
KS-21764		473-411-101
TERMINAL BOX; CABLE—SEE CABLE TERMINAL BOX		

**TERMINAL SET**

Terminal Set (5000A)	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
<i>Testing</i>	
Transaction Terminal Set (5000A)	SC502-323-402
Used With and Without 5000A Printer	SC502-323-402
5000A Transaction	SC502-323-402

**TERMINAL SET (5000A); TRANSACTION—SEE****TRANSACTION TERMINAL SET (5000A)****TERMINAL; WIRE—SEE WIRE TERMINAL****TERMINALS**

Outdoor	
<i>Wiring</i>	SB461-619-101
Terminals	
<i>Cross Connecting</i>	461-618-201
<i>Wiring</i>	461-618-201

**TERMINALS PUNCHED- OR WIRE-TYPE**

<i>Method of Making and Removing Wrapped Connections</i>	069-132-811
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**TERMINATION UNIT**

1A	
<i>Identification</i>	501-380-100
<i>Installation</i>	501-380-100

**TERMINATION; INTERFACE—SEE INTERFACE****TERMINATION****TEST CIRCUIT (SD-67118-01)**

<i>Operational Test</i>	
758C Switching System	551-566-500

**TEST CIRCUITS**

<i>Operation Tests</i>	
812A Private Branch Exchange	553-212-500

**TEST EQUIPMENT PBX**

<i>Description</i>	
PBX-ANI Data Link Test Set	105-602-101
Test Set PBX Cord Circuit (SD-66484-01, J54703A)	105-600-101
<i>Operation</i>	
PBX-ANI Data Link Test Set	105-602-101
<i>Operation Tests</i>	
Converter Solid State	105-601-501
Test Set Receiver (SD-66890-01, J58847M)	105-601-501

**TEST EQUIPMENT STATION**

Checker Loop 24A	105-280-100
Test Set (KS-16990, L1)	105-270-100
Test Set 81A	105-240-100

**TEST FACILITIES**

<i>Method of Operation</i>	
850A Private Branch Exchange	553-800-301

**TEST FACILITIES AND TEST CALLS**

<i>Method of Operation</i>	
756A Private Branch Exchange	551-150-209
770A Private Branch Exchange	551-770-303
800A Private Branch Exchange	553-122-300
805A Private Branch Exchange	553-205-301
812A Private Branch Exchange	553-212-301

**TEST LINE CIRCUIT (SD-73099-01);**

DIGITAL—SEE DIGITAL TEST LINE CIRCUIT (SD-73099-01)

**TEST LINE CIRCUIT; COIN—SEE COIN TEST LINE CIRCUIT****TEST PROBE**

<i>Identification</i>	
<i>Maintenance</i>	
<i>Operation</i>	
AT-8629	105-241-100

**TEST SET**

<i>Calibration</i>	
Telephone Test Set (J53054A)	105-290-100
<i>Description</i>	
139-Type (Line Tone Emitter)	105-242-100
<i>Identification</i>	
Telephone Test Set (J53054A)	105-290-100
145A	105-245-100
<i>Installation</i>	
Telephone Test Set (J53054A)	105-290-100
<i>Maintenance</i>	
Telephone Test Set (J53054A)	105-290-100
139-Type (Line Tone Emitter)	105-242-100
145A	105-245-100
<i>Operation</i>	
Telephone Test Set (J53054A)	105-290-100
139-Type (Line Tone Emitter)	105-242-100
145A	105-245-100

**TEST SET (J53054A); TELEPHONE—SEE****TELEPHONE TEST SET (J53054A)**

TEST SET (KS-16990, L1)	
Test Equipment Station	105-270-100

**TEST SET (KS-21055 NATIS)**

<i>Description</i>	
<i>Installation</i>	
<i>Maintenance</i>	
<i>Tests</i>	
Automatic Call Distributing System	476-100-101

**TEST SET PBX CORD CIRCUIT**

(SD-66484-01, J54703A)	
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**Description**

Test Equipment PBX	105-600-101
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**TEST SET RECEIVER (SD-66890-01,**

J58847M)	
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**Operation Tests**

Test Equipment PBX	105-601-501
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**TEST SET SYSTEM STATUS INDICATOR**

(KS-21194)	
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**Identification**

<i>Operation</i>	
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**Tests**

800A Private Branch Exchange	553-010-301
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801A Private Branch Exchange	553-010-301
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**TEST SET 81A**

Test Equipment Station	105-240-100
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**TEST TRUNK CIRCUIT**

<i>Installation</i>	
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**Maintenance**

800A (Electronic-Type) Private	
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Branch Exchange	553-010-310
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801A (Electronic-Type) Private	
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Branch Exchange	553-010-310
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**TESTING MANHOLE ATMOSPHERE**

<i>General</i>	
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TESTS; PULSING—SEE PULSING TESTS	
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**TIE LINES; TRUNKS AND—SEE TRUNKS AND**

TIE LINES	
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**TIE TRUNK**

HJ12 Repeater (SD-1E501-01)	
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<i>Description and Tests</i>	534-364-100
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<b>TIE TRUNK (Cont)</b>		<b>TIE TRUNK CIRCUITS (SD-65718-01, (Cont)</b>	
HJ12 Repeater (SD-1E501-01) (Cont)		<i>Pulsing Test and Requirements using (Cont)</i>	
Method for Generating Perscription		(SD-56134-02, J64730D)	
Setting for Equalization and Gain		Step-By-Step and Crossbar-Type	
When Used with Another HJ12		PBX	534-364-502
Repeater or Metallic Facility		<b>TIE TRUNK UNIT (J59013H, L2)</b>	
Terminal Repeater		Connections	
Nonloaded and Loaded Cable		Identification	
Facilities	534-364-180	Installation	
<b>TIE TRUNK (J58824BC, J58824BY,</b>		557A Private Branch Exchange	473-601-201
<b>SD-65718-01)</b>		<b>TIE TRUNK UNIT (J59013J);</b>	
General Installation Procedures		<b>AUTOMATIC—SEE AUTOMATIC TIE TRUNK UNIT</b>	
Identification		<b>(J59013J)</b>	
PBX Systems	534-364-211	<b>TIE TRUNK; RINGDOWN—SEE RINGDOWN TIE</b>	
<b>TIE TRUNK (J59204, SD-1E500-01,</b>		<b>TRUNK</b>	
<b>SD-1E500-02); ELECTRONIC—SEE</b>		<b>TIE TRUNKS</b>	
<b>ELECTRONIC TIE TRUNK (J59204,</b>		HJ12 Repeater (SD-1E504-01)	
<b>SD-1E500-01, SD-1E500-02)</b>		Method for Generating Perscription	
<b>TIE TRUNK (SD-65718-02)</b>		Settings for Equalization and Gain	
General Installation Procedures		When Used with Repeaters and Other	
Identification		Cable Terminating Equipment Which	
PBX Systems	534-364-210	Uses V4 Equalization Techniques	
<b>TIE TRUNK (SD-65755-01)</b>		Nonloaded Cable Facility	534-364-181
Circuit Tests		<b>TIE TRUNKS; TRUNKS AND—SEE TRUNKS AND</b>	
756A Private Branch Exchange	551-194-501	<b>TIE TRUNKS</b>	
Operation Tests		<b>TIE-LINE AND CONTROL SERVICES</b>	
801A Private Branch Exchange	553-201-500	Service	
<b>TIE TRUNK (SD-65756-01)</b>		1A Key Telephone Systems	KB518-112-421
Operation Tests		<b>TIMING CIRCUIT (SD-67015-01)</b>	
756A Private Branch Exchange	551-195-501	Operation Tests	
<b>TIE TRUNK ACCESS CIRCUIT</b>		758B Private Branch Exchange	551-438-501
<b>(SD-1E053-01)</b>		<b>TOGGLE BOLT</b>	
Operation Tests		General	080-720-116
Common Group TOUCH-TONE®		<b>TOGGLE RING; BRIDLE—SEE BRIDLE TOGGLE</b>	
Calling Equipment with Crossbar		<b>RING</b>	
Link Access Private Branch		<b>TONE DETECTOR</b>	
Exchange	540-702-502	Identification	
<b>TIE TRUNK CIRCUIT (SD-65718-01 AND</b>		1A350	501-166-100
<b>SD-66799-01)</b>		<b>TONE DETECTOR (AUTOVON);</b>	
Pulsing Tests and Requirements		<b>PREEMPTION—SEE PREEMPTION TONE</b>	
using Pulse Repeating Test Set		<b>DETECTOR (AUTOVON)</b>	
(SD-31667-01, J34720A) and Pulsing		<b>TONE FIRST-MULTISLOT; DIAL—SEE DIAL</b>	
Test Set (SD-31481-01, J34717A)		<b>TONE FIRST-MULTISLOT</b>	
Step-by-Step and Crossbar Type		<b>TONE SPEED MEASURING CIRCUIT</b>	
Private Branch Exchange	534-364-501	(SD-73103-01); DIAL—SEE DIAL TONE	
<b>TIE TRUNK CIRCUIT (SD-65825-01);</b>		<b>SPEED MEASURING CIRCUIT (SD-73103-01)</b>	
<b>RINGDOWN—SEE RINGDOWN TIE TRUNK</b>		<b>TONE TRUNK CIRCUIT (SD-67052-01)</b>	
<b>CIRCUIT (SD-65825-01)</b>		Operation Test	
<b>TIE TRUNK CIRCUIT (SD-66765-01);</b>		758C Private Branch Exchange	551-549-500
<b>AUXILIARY—SEE AUXILIARY TIE TRUNK</b>		<b>TONE TRUNK; BUSY—SEE BUSY TONE TRUNK</b>	
<b>CIRCUIT (SD-66765-01)</b>		<b>TONE, AND ANNOUNCEMENT TRUNKS;</b>	
<b>TIE TRUNK CIRCUIT 2-WAY 4-WIRE</b>		<b>INTERCEPTING,—SEE INTERCEPTING, TONE,</b>	
<b>(SD-67050-01)</b>		<b>AND ANNOUNCEMENT TRUNKS</b>	
Tests		<b>TOOL (PORTABLE PLUG CLEANING</b>	
758C Private Branch Exchange	551-545-500	<b>MACHINES)</b>	
<b>TIE TRUNK CIRCUITS</b>		<i>Piece-Part Data and Replacement</i>	
General Descriptive Information		Procedures	
Private Branch Exchange	981-010-100	D-159798	075-125-801
<b>TIE TRUNK CIRCUITS (SD-65718-01,</b>		497A	075-125-801
<b>SD-65718-02, AND SD-66799-01)</b>		497B	075-125-801
Pulsing Test and Requirements using		Requirements and Adjusting	
2B-1 Signaling Test Set		Procedures	
(SD-56134-02, J64730B) and		497A	075-125-701
Associated Pulse Repeating Adapter		497B	075-125-701
		<b>TOOL; CONNECTING—SEE CONNECTING TOOL</b>	
		<b>TOOL; IMPACT—SEE IMPACT TOOL</b>	

## TOOLS

Axes	
Description	081-745-102
Binding Post Cutter	
Description	
B	081-760-115
Bits Wood Boring	
Description	081-745-105
Use	081-745-105
Braid Stripper	
Description	081-760-100
Maintenance	081-760-100
Crimper Clip	
Description	
B	081-760-111
Drill Holders	
Description	081-745-111
Use	081-745-111
Drill Masonry L	
Description	081-745-111
Use	081-745-111
Hammers	
Description	081-745-102
Hand-Operated Masonry Drive	
Description	081-745-113
Use	081-745-113
Hatchets	
Description	081-745-102
Slitter Sleeve Lead B	
Description	081-780-105
Tools	
General	
Coin Telephone Stations	CA506-100-103

## TOOLS; HAND—SEE HAND TOOLS

## TOP

Connections	
1D/2D-Type	
Coin Telephone Sets (DTF only)	
Coin Telephone Sets	506-410-402
Conversion	
1D/2D-Type	
Coin Telephone Sets (DTF only)	
Coin Telephone Sets	506-410-402
Installation	
1D/2D-Type	
Coin Telephone Sets (DTF only)	
Coin Telephone Sets	506-410-402
756A Private Branch Exchange	551-100-100
Maintenance	
1D/2D-Type	
Coin Telephone Sets (DTF only)	
Coin Telephone Sets	506-410-402
Repair	
756A Private Branch Exchange	551-100-101
Test	
756A Private Branch Exchange	551-100-100

## TOUCH-A-MATIC® ADJUNCT DIAL

Adjunct Dials	
Connections	
Identification	
Installation	
Maintenance	
Operation	
2870A1	SC501-164-201
2870B1M	SC501-164-202
870A1	SC501-164-201

## TOUCH-A-MATIC® ADJUNCT DIAL (Cont)

Adjunct Dials (Cont)	
Operation (Cont)	
870B1M	SC501-164-202

## TOUCH-A-MATIC® AUTOMATIC DIALER

Connections	
F-59796	
TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-59797	
TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-59798	
TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-59799	
TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-60208	
TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-60209	
TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-60210	
TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-60211	
TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
2870A1M	
TOUCH-A-MATIC® Automatic Dialer Telephone Set	SC503-300-101
2870A2M	
TOUCH-A-MATIC® Automatic Dialer Telephone Set	SC503-300-101
870A1M	
TOUCH-A-MATIC® Automatic Dialer Telephone Set	SC503-300-100
870A2M	
TOUCH-A-MATIC® Automatic Dialer Telephone Set	SC503-300-100
Identification	
F-59796	
TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-59797	
TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-59798	
TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-59799	
TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-60208	
TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-60209	
TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-60210	
TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100

## TOUCH-A-MATIC® AUTOMATIC DIALER (Cont)

## Identification (Cont)

F-60211	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
2870A1M	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SC503-300-101
2870A2M	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SC503-300-101
870A1M	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SC503-300-100
870A2M	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SC503-300-100
<i>Installation</i>		
F-59796	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-59797	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-59798	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-59799	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-60208	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-60209	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-60210	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-60211	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
2870A1M	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SC503-300-101
2870A2M	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SC503-300-101
870A1M	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SC503-300-100
870A2M	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SC503-300-100
<i>Maintenance</i>		
F-59796	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-59797	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-59798	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100

## TOUCH-A-MATIC® AUTOMATIC DIALER (Cont)

## Maintenance (Cont)

F-59799	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-60208	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-60209	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-60210	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-60211	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
2870A1M	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SC503-300-101
2870A2M	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SC503-300-101
870A1M	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SC503-300-100
870A2M	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SC503-300-100
<i>Operation</i>		
F-59796	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-59797	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-59798	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-59799	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-60208	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-60209	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-60210	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
F-60211	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SA503-701-100
870A1M	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SC503-300-100
870A2M	TOUCH-A-MATIC® Automatic Dialer Telephone Set	SC503-300-100
<b>TOUCH-A-MATIC® SET</b>		
<i>Connections</i>		
2872A1M	TOUCH-A-MATIC® Set Telephone Set	SC503-603-101

## TOUCH-A-MATIC® SET (Cont)

## Connections (Cont)

2872A2M  
TOUCH-A-MATIC® Set Telephone  
Set SC503-603-101

872A1M  
TOUCH-A-MATIC® Set Telephone  
Set SC503-603-102

## Identification

2872A1M  
TOUCH-A-MATIC® Set Telephone  
Set SC503-603-101

2872A2M  
TOUCH-A-MATIC® Set Telephone  
Set SC503-603-101

872A1M  
TOUCH-A-MATIC® Set Telephone  
Set SC503-603-102

## Installation

2872A1M  
TOUCH-A-MATIC® Set Telephone  
Set SC503-603-101

2872A2M  
TOUCH-A-MATIC® Set Telephone  
Set SC503-603-101

872A1M  
TOUCH-A-MATIC® Set Telephone  
Set SC503-603-102

## Maintenance

2872A1M  
TOUCH-A-MATIC® Set Telephone  
Set SC503-603-101

2872A2M  
TOUCH-A-MATIC® Set Telephone  
Set SC503-603-101

872A1M  
TOUCH-A-MATIC® Set Telephone  
Set SC503-603-102

## Operation

2872A1M  
TOUCH-A-MATIC® Set Telephone  
Set SC503-603-101

2872A2M  
TOUCH-A-MATIC® Set Telephone  
Set SC503-603-101

872A1M  
TOUCH-A-MATIC® Set Telephone  
Set SC503-603-102

## TOUCH-A-MATIC® SET

## Connections

## Identification

## Installation

## Maintenance

## Operation

2960A01M  
TOUCH-A-MATIC® 16 Set  
Telephone Set SC503-301-101

## Connections

## Identification

## Installation

## Maintenance

## Operation

960A01M  
TOUCH-A-MATIC® 16 Set  
Telephone Set SC503-301-100

## TOUCH-TONE® ADAPTERS

## Reference

1A1 Key Telephone Systems KB518-114-116

## TOUCH-TONE® CALLING

## TOUCH-TONE® Calling Receiver

## General Description

## C-Type

G1

981-011-105

981-011-106

## General Descriptive Information

For PBX Systems

981-011-100

## General Information

A2-Type

981-011-104

A3-Type

981-011-104

## TOUCH-TONE® CALLING EQUIPMENT

## Connections

756A Private Branch Exchange 551-107-210

757A Private Branch Exchange 551-232-210

800A Private Branch Exchange 553-105-216

801A Private Branch Exchange 553-201-201

812A Private Branch Exchange 553-212-202

## Identification

756A Private Branch Exchange 551-107-210

757A Private Branch Exchange 551-232-210

800A Private Branch Exchange 553-105-216

801A Private Branch Exchange 553-201-201

812A Private Branch Exchange 553-212-202

## Installation

756A Private Branch Exchange 551-107-210

757A Private Branch Exchange 551-232-210

800A Private Branch Exchange 553-105-216

801A Private Branch Exchange 553-201-201

812A Private Branch Exchange 553-212-202

## Installation Tests

812A Private Branch Exchange 553-212-202

## Service Options

812A Private Branch Exchange 553-212-202

## TOUCH-TONE® CALLING RECEIVER

(SD-67027-01 OR SD-98148-01)

## Operation Tests

Step-By-Step Private Branch  
Exchange 540-702-501

## TOUCH-TONE® RECEIVER (SD-98148-01)

## Operation Tests—Using Converter

## Test Circuit J58839N (SD-67017-01)

758B Private Branch Exchange 551-436-501

## TOUCH-TONE® RECEIVER CIRCUIT (TYPE

A, SENIOR, SD-98148-01)

## Operation Tests

Common Group TOUCH-TONE®  
Calling Equipment with Crossbar  
Link Access Private Branch  
Exchange 540-702-502

## TOUCH-TONE® RECEIVER CIRCUIT (TYPE

C, JUNIOR, SD-67027-01)

## Operation Tests

Common Group TOUCH-TONE®  
Calling Equipment with Crossbar  
Link Access Private Branch  
Exchange 540-702-502

## TOUCH-TONE® TEST CIRCUIT

(SD-67083-01)

## Operation Tests

758C Private Branch Exchange 551-550-500



<b>TOUCH-TONE® TRUNK FINDER</b> (SD-67020-01)		
<i>Operation Tests</i>		
758B Private Branch Exchange	551-434-501	
<b>TRAFFIC AND TROUBLE REGISTERS</b>		
<i>Operation Test</i>		
758A/B Switching System	551-470-508	
<i>Operation Tests</i>		
756A Private Branch Exchange	551-179-501	
758A Private Branch Exchange	551-466-501	
758B Private Branch Exchange	551-466-501	
<b>TRAFFIC MEASUREMENT SYSTEM NO. 1A</b>		
<i>Circuit Tests</i>		
Remote Scanner and Encoder		
756A Private Branch Exchange	551-174-501	
757A Private Branch Exchange	551-274-501	
<i>Connections</i>		
Remote Scanner and Encoder		
756A Private Branch Exchange	551-174-210	
757A Private Branch Exchange	551-274-210	
<b>TRAFFIC MEASUREMENT SYSTEM NO. 1A; OUTPUTS TO—SEE OUTPUTS TO TRAFFIC MEASUREMENT SYSTEM NO. 1A</b>		
<b>TRAFFIC MODULE; HEAVY—SEE HEAVY TRAFFIC MODULE</b>		
<b>TRAFFIC REGISTER CABINET (J58857, SD-5E010-01); EXTERNAL—SEE EXTERNAL TRAFFIC REGISTER CABINET (J58857, SD-5E010-01)</b>		
<b>TRAFFIC REGISTER CABINET; EXTERNAL—SEE EXTERNAL TRAFFIC REGISTER CABINET</b>		
<b>TRAFFIC REGISTER CIRCUIT (SD-67069-01); PLANT AND—SEE PLANT AND TRAFFIC REGISTER CIRCUIT (SD-67069-01)</b>		
<b>TRAFFIC REGISTERS</b>		
<i>Operation Tests</i>		
2A Automatic Call Distributing System	476-223-501	
3A Automatic Call Distributing System	476-335-501	
<b>TRAFFIC USAGE MEASUREMENT SYSTEM</b>		
<i>Connections</i>		
<i>Tests</i>		
770A Private Branch Exchange	551-770-504	
<b>TRANSACTION SET BASE (5000AM)</b>		
<i>Connections</i>		
<i>Identification</i>		
<i>Installation</i>		
<i>Maintenance</i>		
Telephone Set Base (5000AM)		
Telephone Set Base	SC502-323-400	
<b>TRANSACTION SET BASE (5100AM)</b>		
<i>Connections</i>		
<i>Identification</i>		
<i>Installation</i>		
<i>Maintenance</i>		
Telephone Set Base (5100AM)		
Telephone Set Base	SC502-323-401	
<b>TRANSACTION SET BASE (5100BM)</b>		
<i>Connections</i>		
<i>Identification</i>		
<i>Installation</i>		
<i>Maintenance</i>		
Telephone Set Base (5100BM)		
Telephone Set Base	502-323-403	
<b>TRANSACTION TERMINAL SET (5000A)</b>		
<i>Identification</i>		
<i>Installation</i>		
<i>Maintenance</i>		
<i>Testing</i>		
Terminal Set (5000A) Terminal Set	SC502-323-402	
<b>TRANSFER CIRCUIT; ALARM AND—SEE ALARM AND TRANSFER CIRCUIT</b>		
<b>TRANSFER TRUNK (SD-65970-01)</b>		
<i>Operation Tests</i>		
3A Automatic Call Distributing System	476-328-501	
<b>TRANSFER TRUNK (SD-65976-01)</b>		
<i>Operation Tests</i>		
3A Automatic Call Distributing System	476-328-502	
<b>TRANSFER UNIT; TRANSMITTER—SEE TRANSMITTER TRANSFER UNIT</b>		
<b>TRANSFER; EMERGENCY—SEE EMERGENCY TRANSFER</b>		
<b>TRANSFER-INDIVIDUAL; CALL—SEE CALL TRANSFER-INDIVIDUAL</b>		
<b>TRANSFER, AND TRAFFIC REGISTER CIRCUITS (SD-66734-01); ALARM,—SEE ALARM, TRANSFER, AND TRAFFIC REGISTER CIRCUITS (SD-66734-01)</b>		
<b>TRANSFORMER; STATION—SEE STATION TRANSFORMER</b>		
<b>TRANSMITTER</b>		
Telephone Set Components		
<i>Connections</i>		
<i>Identification</i>		
<i>Installation</i>		
<i>Maintenance</i>		
Customer-Owned Enclosures	501-420-102	
Transmitter		
<i>Identification</i>		
661A		
Modular Unit	512-230-102	
661A(MD)		
Modular Unit	512-230-100	
667-Type		
Modular Unit	512-230-100	
679A		
Modular Unit	512-230-101	
<i>Installation</i>		
661A(MD)		
Modular Unit	512-230-100	
667-Type		
Modular Unit	512-230-100	
679A		
Modular Unit	512-230-101	
<i>Maintenance</i>		
661A(MD)		
Modular Unit	512-230-100	
667-Type		
Modular Unit	512-230-100	

**TRANSMITTER (Cont)**

Transmitter (Cont)

Maintenance (Cont)

679A

Modular Unit

512-230-101

656A

Identification

1A Speakerphone System

512-610-100

1A1 Speakerphone System

512-610-100

666A(MD)

Connections

Identification

Installation

Maintenance

3-Type Speakerphone System

SD512-620-100

666B

Connections

Identification

Installation

Maintenance

3-Type Speakerphone System

SD512-620-100

667A(MD)

Connections

Identification

Installation

Maintenance

3-Type Speakerphone System

SD512-620-100

667B

Connections

Identification

Installation

Maintenance

3-Type Speakerphone System

SD512-620-100

670A

Connections

Identification

Installation

Maintenance

3-Type Speakerphone System

SD512-620-100

671A

Connections

Identification

Installation

Maintenance

3-Type Speakerphone System

SD512-620-100

672A

Connections

Identification

Installation

Maintenance

3-Type Speakerphone System

SD512-620-100

673A

Connections

Identification

Installation

Maintenance

3-Type Speakerphone System

SD512-620-100

674A

Connections

Identification

Installation

Maintenance

3-Type Speakerphone System

SD512-620-100

**TRANSMITTER (Cont)**

674B

Connections

Identification

Installation

Maintenance

3-Type Speakerphone System

SD512-620-10<sup>0</sup>

679

Connections

Identification

Installation

Maintenance

3-Type Speakerphone System

SD512-620-100

**TRANSMITTER TRANSFER UNIT**

Connections

473-185-210

Identification

473-185-210

Installation

473-185-210

Maintenance

473-185-210

**TRANSMITTER UNITS**

Identification

501-230-100

Installation

501-230-100

Maintenance

501-230-100

**TRANSMITTERS**

Identification

501-230-100

Installation

501-230-100

Maintenance

501-230-100

**TRANSPARENT WINDOWS**

Turn-Button and Key Telephone Sets

501-150-101

**TREAD; LADDER—SEE LADDER TREAD****TREE ATTACHMENTS**

Drop and Block Wiring

462-300-215

**TRIMLINE® TELEPHONE**

Hand Telephone Set

Service

220-Type

SA502-322-400

2220-Type

SA502-322-400

2226-Type

SA502-322-400

226-Type

SA502-322-400

**TROUBLE RECORDER INTERFACE CIRCUIT**

Description

Method of Operation

758C Switching System

551-568-300

**TROUBLE RECORDING ARRANGEMENT**

Description

Method of Operation

758C Switching System

551-568-300

**TROUBLE REGISTERS; TRAFFIC AND—SEE****TRAFFIC AND TROUBLE REGISTERS**

TRUNK (J58824BC, J58824BY,

SD-65718-01); TIE—SEE TIE TRUNK

(J58824BC, J58824BY, SD-65718-01)

TRUNK (SD-65718-02); TIE—SEE TIE TRUNK

(SD-65718-02)

TRUNK (SD-65755-01); TIE—SEE TIE TRUNK

(SD-65755-01)

TRUNK (SD-65756-01); TIE—SEE TIE TRUNK

(SD-65756-01)

TRUNK (SD-65812-01); INCOMING—SEE

INCOMING TRUNK (SD-65812-01)

TRUNK (SD-65815-01); ATTENDANT—SEE

ATTENDANT TRUNK (SD-65815-01)

TRUNK (SD-65919-01); BUSY-TONE—SEE

BUSY-TONE TRUNK (SD-65919-01)

TRUNK (SD-65964-01); ATTENDANT—SEE

ATTENDANT TRUNK (SD-65964-01)

- TRUNK (SD-65970-01); TRANSFER—SEE TRANSFER TRUNK (SD-65970-01)
- TRUNK (SD-65976-01); TRANSFER—SEE TRANSFER TRUNK (SD-65976-01)
- TRUNK (TO TOLL OPERATOR); OUTGOING—SEE OUTGOING TRUNK (TO TOLL OPERATOR)
- TRUNK (2-WAY, SD-65818-01); POSITION—SEE POSITION TRUNK (2-WAY, SD-65818-01)
- TRUNK ACCESS CIRCUIT (SD-1E045-01); LINE OR—SEE LINE OR TRUNK ACCESS CIRCUIT (SD-1E045-01)
- TRUNK ACCESS CIRCUIT (SD-1E053-01); TIE—SEE TIE TRUNK ACCESS CIRCUIT (SD-1E053-01)
- TRUNK ACCESS CIRCUIT (SD-65853-01); CONVERTER—SEE CONVERTER TRUNK ACCESS CIRCUIT (SD-65853-01)
- TRUNK CIRCUIT (FOR OUTWARD SERVICE FROM SWITCHBOARD TO CENTRAL OFFICE); AUXILIARY—SEE AUXILIARY TRUNK CIRCUIT (FOR OUTWARD SERVICE FROM SWITCHBOARD TO CENTRAL OFFICE)
- TRUNK CIRCUIT (SD-1E000-01 WITH RINGBACK AND CAMP-ON TONE SIGNAL); EXECUTIVE—SEE EXECUTIVE TRUNK CIRCUIT (SD-1E000-01 WITH RINGBACK AND CAMP-ON TONE SIGNAL)
- TRUNK CIRCUIT (SD-5E004-01); INCOMING—SEE INCOMING TRUNK CIRCUIT (SD-5E004-01)
- TRUNK CIRCUIT (SD-5E032-01); OVERFLOW—SEE OVERFLOW TRUNK CIRCUIT (SD-5E032-01)
- TRUNK CIRCUIT (SD-5E033-01); OVERFLOW—SEE OVERFLOW TRUNK CIRCUIT (SD-5E033-01)
- TRUNK CIRCUIT (SD-5E041-01); TWO-WAY—SEE TWO-WAY TRUNK CIRCUIT (SD-5E041-01)
- TRUNK CIRCUIT (SD-65718-01 AND SD-66799-01); TIE—SEE TIE TRUNK CIRCUIT (SD-65718-01 AND SD-66799-01)
- TRUNK CIRCUIT (SD-65792-01); INCOMING—SEE INCOMING TRUNK CIRCUIT (SD-65792-01)
- TRUNK CIRCUIT (SD-65793-01); ATTENDANT—SEE ATTENDANT TRUNK CIRCUIT (SD-65793-01)
- TRUNK CIRCUIT (SD-65808-01); ATTENDANT—SEE ATTENDANT TRUNK CIRCUIT (SD-65808-01)
- TRUNK CIRCUIT (SD-65846-01); INTERCEPTING—SEE INTERCEPTING TRUNK CIRCUIT (SD-65846-01)
- TRUNK CIRCUIT (SD-65972-01); AUXILIARY—SEE AUXILIARY TRUNK CIRCUIT (SD-65972-01)
- TRUNK CIRCUIT (SD-65979-01); ANNOUNCEMENT—SEE ANNOUNCEMENT TRUNK CIRCUIT (SD-65979-01)
- TRUNK CIRCUIT (SD-66926-01); INTERFACE—SEE INTERFACE TRUNK CIRCUIT (SD-66926-01)
- TRUNK CIRCUIT (SD-67042-01); INCOMING—SEE INCOMING TRUNK CIRCUIT (SD-67042-01)
- TRUNK CIRCUIT (SD-67052-01); TONE—SEE TONE TRUNK CIRCUIT (SD-67052-01)
- TRUNK CIRCUIT (SD-67075-01); AUXILIARY—SEE AUXILIARY TRUNK CIRCUIT (SD-67075-01)
- TRUNK CIRCUIT (SD-67093-01); ANNOUNCEMENT—SEE ANNOUNCEMENT TRUNK CIRCUIT (SD-67093-01)
- TRUNK CIRCUIT (SD-73096-01); DIGITAL—SEE DIGITAL TRUNK CIRCUIT (SD-73096-01)
- TRUNK CIRCUIT (2-WAY, SD-5E005-01)  
*Operation Tests*  
701B Private Branch Exchange 540-540-508
- TRUNK CIRCUIT (2-WAY, SD-5E028-01)  
*Operation Tests*  
701A Private Branch Exchange 540-540-513  
701B Private Branch Exchange 540-540-513
- TRUNK CIRCUIT J58824CD (SD-66926-01); INTERFACE—SEE INTERFACE TRUNK CIRCUIT J58824CD (SD-66926-01)
- TRUNK CIRCUIT 2-WAY 4-WIRE (SD-67050-01); TIE—SEE TIE TRUNK CIRCUIT 2-WAY 4-WIRE (SD-67050-01)
- TRUNK CIRCUIT; INCOMING—SEE INCOMING TRUNK CIRCUIT
- TRUNK CIRCUIT; INTERFACE—SEE INTERFACE TRUNK CIRCUIT
- TRUNK CIRCUIT; TEST—SEE TEST TRUNK CIRCUIT
- TRUNK CIRCUITS  
*Operation Tests*  
770A Private Branch Exchange 551-770-502
- TRUNK CIRCUITS (CENTRAL OFFICE EQUIPMENT); OUTGOING—SEE OUTGOING TRUNK CIRCUITS (CENTRAL OFFICE EQUIPMENT)
- TRUNK CIRCUITS (SD-65718-01, SD-65718-02, AND SD-66799-01); TIE—SEE TIE TRUNK CIRCUITS (SD-65718-01, SD-65718-02, AND SD-66799-01)
- TRUNK CIRCUITS (SD-66896-01 FOR E AND M LEAD SIGNALING); AUXILIARY—SEE AUXILIARY TRUNK CIRCUITS (SD-66896-01 FOR E AND M LEAD SIGNALING)
- TRUNK CIRCUITS; TIE—SEE TIE TRUNK CIRCUITS
- TRUNK FINDER CIRCUIT (SD-65906-01)  
*Operation Tests*  
Step-By-Step Private Branch Exchange 540-702-501
- TRUNK IDENTIFICATION ANNOUNCEMENT AMPLIFIERS  
*Adjustments*  
*Requirements*  
*Trouble Analysis*  
KS-12068, L7  
2-Type Automatic Call Distributors (ACD) 476-100-701  
3-Type Automatic Call Distributors (ACD) 476-100-701

**TRUNK IDENTIFICATION CONTROL CIRCUIT  
J53131W**
*Operation Tests*Automatic Call Distributing  
System

476-100-501

**TRUNK LEVEL CIRCUITS; AUTOMATIC—SEE  
AUTOMATIC TRUNK LEVEL CIRCUITS**
**TRUNK UNIT (J59013H, L2); TIE—SEE TIE  
TRUNK UNIT (J59013H, L2)**
**TRUNK UNIT; AUXILIARY—SEE AUXILIARY  
TRUNK UNIT**
**TRUNK; TIE—SEE TIE TRUNK**
**TRUNKS***Continuity and Polarity Tests from  
Selector Levels*

700C Private Branch Exchange 540-169-501  
 701A Private Branch Exchange 540-169-501  
 701B Private Branch Exchange 540-169-501  
 701PK Private Branch Exchange 540-169-501  
 702A Private Branch Exchange 540-169-501  
 710C Private Branch Exchange 540-169-501  
 711A Private Branch Exchange 540-169-501  
 711B Private Branch Exchange 540-169-501  
 711PK Private Branch Exchange 540-169-501  
 740A Private Branch Exchange 540-169-501  
 740AX Private Branch Exchange 540-169-501  
 740B Private Branch Exchange 540-169-501  
 740C Private Branch Exchange 540-169-501  
 740E Private Branch Exchange 540-169-501

*Operation Tests*

750A Private Branch Exchange 548-500-665  
 755A Private Branch Exchange 550-550-665

*Operation Tests from Selector*

*Levels using Dial Hand Test Set*  
 3A Automatic Call Distributing  
 System

476-330-501

**TRUNKS (SD-65961-01 AND SD-65978-01);  
INCOMING—SEE INCOMING TRUNKS  
(SD-65961-01 AND SD-65978-01)**
**TRUNKS AND FEATURE UNIT***Connections**Identification**Installation*

757A Private Branch Exchange 551-234-210

**TRUNKS AND TIE LINES***Operation Test for Selector Levels*

700C (Dial Equipment) Private  
Branch Exchange 541-003-666  
 710C (Dial Equipment) Private  
Branch Exchange 541-003-666

**TRUNKS AND TIE TRUNKS***Operation Tests from Selector  
Levels*

700C Private Branch Exchange 540-172-501  
 701A Private Branch Exchange 540-172-501  
 701B Private Branch Exchange 540-172-501  
 701PK Private Branch Exchange 540-172-501  
 702A Private Branch Exchange 540-172-501  
 710C Private Branch Exchange 540-172-501  
 711A Private Branch Exchange 540-172-501  
 711B Private Branch Exchange 540-172-501  
 711PK Private Branch Exchange 540-172-501  
 740A Private Branch Exchange 540-172-501  
 740AX Private Branch Exchange 540-172-501  
 740B Private Branch Exchange 540-172-501  
 740C Private Branch Exchange 540-172-501

**TRUNKS AND TIE TRUNKS (Cont)***Operation Tests from Selector (Cont)*

740E Private Branch Exchange

540-172-501

**TRUNKS; ATTENDANT—SEE ATTENDANT****TRUNKS**
**TRUNKS; INTERCEPTING—SEE INTERCEPTING  
TRUNKS**
**TRUNKS; TIE—SEE TIE TRUNKS**
**TRUNKS, AND MISCELLANEOUS EQUIPMENT;  
FEATURES,—SEE FEATURES, TRUNKS, AND  
MISCELLANEOUS EQUIPMENT**
**TSPXY***Connections**Identification**Installation**Maintenance**Operation*

Voice Connecting Arrangement

463-382-105

**TSPZ1***Connections**Identification**Installation**Maintenance**Operation*

Voice Connecting Arrangement

463-382-105

**TUBES AND DIODES; ELECTRON—SEE****ELECTRON TUBES AND DIODES****TURRET; ORDER—SEE ORDER TURRET**
**TWO-WAY MANUAL AND DIAL SELECTED TIE  
TRUNK CIRCUIT (SD-65823-01)**
*Operation Tests*Step-By-Step Private Branch  
Exchange

540-540-503

**TWO-WAY TRUNK CIRCUIT (SD-5E041-01)***Operation Tests*

757A Private Branch Exchange

551-287-501

**UNIT (J59013E); CORD—SEE CORD UNIT  
(J59013E)**
**UNIT (J59013L FOR MANUAL CONFERENCE  
CIRCUIT); JACK—SEE JACK UNIT (J59013L  
FOR MANUAL CONFERENCE CIRCUIT)**
**UNIT 20-CYCLE; DETECTOR—SEE DETECTOR  
UNIT 20-CYCLE**
**UNIT; APPARATUS—SEE APPARATUS UNIT****UNIT; CONTROL—SEE CONTROL UNIT****UNIT; HOLD—SEE HOLD UNIT****UNIT; INTERCONNECTING—SEE****INTERCONNECTING UNIT****UNIT; POWER—SEE POWER UNIT****UNIT; SWITCH—SEE SWITCH UNIT**
**UNIT; TERMINATION—SEE TERMINATION  
UNIT**
**UNIT; 75A CONTROL—SEE 75A CONTROL  
UNIT**
**UNIT; 85B1 POWER—SEE 85B1 POWER UNIT**
**UNIT-103A1; DISPLAY—SEE DISPLAY  
UNIT-103A1**
**UNITS; FEATURE—SEE FEATURE UNITS****UNITS; PACKAGED—SEE PACKAGED UNITS****UNITS; RECEIVER—SEE RECEIVER UNITS**
**UNITS; TRANSMITTER—SEE TRANSMITTER  
UNITS**
**UNUSUAL CONTACT CONDITIONS; HAVING—SEE  
HAVING UNUSUAL CONTACT CONDITIONS**

<b>UNWRAPPING TOOL (HEATED); WIRE—SEE WIRE UNWRAPPING TOOL (HEATED)</b>			
<b>UNWRAPPING TOOL; WIRE—SEE WIRE UNWRAPPING TOOL</b>			
<b>USAGE MEASUREMENT SYSTEM; TRAFFIC—SEE TRAFFIC USAGE MEASUREMENT SYSTEM</b>			
<b>USING PULSE SIGNALING TEST SET</b>			
<b>TTS-26B; REQUIREMENTS—SEE REQUIREMENTS USING PULSE SIGNALING TEST SET</b>			
<b>TTS-26B</b>			
<b>VACUUM CLEANER</b>			
<i>Piece-Part Data and Replacement Procedures</i>			
KS-8389	075-180-802		
<i>Replacement Parts and Procedures</i>			
KS-14377	075-180-803		
<i>Requirements and Adjusting Procedures</i>			
KS-14377	075-180-703		
KS-7507	075-180-701		
KS-8389	075-180-702		
<b>VANE REPLACEMENT; HOPPER—SEE HOPPER</b>			
<b>VANE REPLACEMENT</b>			
<b>VARISTORS</b>			
<i>Identification</i>	501-370-100		
<b>VCP (USING KS-20944 PROTECTOR)</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
Connecting Arrangement	IA463-300-109		
<b>VEHICLE WIRING; RECREATIONAL—SEE RECREATIONAL VEHICLE WIRING</b>			
<b>VIDEO TELEPHONE STATION</b>			
2C			
<i>Connections</i>	518-800-401		
<i>General Description</i>			
1P2 Key Telephone Systems	518-800-100		
<b>VISUAL SIGNALING; AUDIBLE AND—SEE AUDIBLE AND VISUAL SIGNALING</b>			
<b>VOICE AUTOVON TRUNK CIRCUIT (SD-67085-01); SECURE—SEE SECURE VOICE AUTOVON TRUNK CIRCUIT (SD-67085-01)</b>			
<b>VOICE CONNECTING ARRANGEMENT</b>			
Interconnecting Devices			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
Common Equipment			
75A Control Unit	IA463-300-112		
Voice Connecting Arrangement			
<i>Connections</i>			
CAU (Using KS-20445 Control Unit)	IA463-340-100		
CDA (Using 700A-Type ISU)	463-350-101		
CDB (Using F-58005 IU)	463-331-100		
CDB (Using J53050A, L1)	IA463-331-101		
CDN (Using 111A IU)	IA463-311-103		
CDX (Using 31A Voice Coupler)	IA463-331-104		
CDY (Pick-up Button, Bell System Tel Set)	IA463-312-100		
CD4 (Using 31B Voice Coupler)	IA463-331-103		
CD5 (Using 111A IU)	IA463-311-103		
CD6 (Using 108A IU)	IB463-350-105		
<b>VOICE CONNECTING ARRANGEMENT (Cont)</b>			
Voice Connecting Arrangement (Cont)			
<i>Connections (Cont)</i>			
CEBAV (Using 111A IU)	IA463-311-106		
CEBAW (Using 111A IU)	IA463-311-106		
CEBAX (Using 111A IU)	IA463-311-104		
CEBBX (Using 111A IU)	IA463-311-104		
CEK (Using J5305E IU)	IA463-380-100		
CET (Using 102A IU)	IB463-350-108		
CEZ	IA463-311-108		
C2AKS	IA463-311-107		
C2K	IB463-370-102		
C232W (Customer Equipment and Bell System 2-Wire and 4-Wire Facilities)	IB463-360-103		
C234W (Customer Equipment and Bell System 4-Wire Facilities)	IB463-360-102		
C27	IB463-370-102		
FTP	IA463-341-102		
LOH (Music on Hold, Cord Type PBX Switchboard)	IA463-331-105		
LVH (Music on Hold, Key Telephone Systems)	IA463-311-105		
QKP	463-311-109		
QKT (Using 30-Type Voice Coupler)	IA463-311-100		
QKTBT (Using 30-Type Voice Coupler)	IA463-311-100		
RDL	IA463-340-111		
RDL (KS-19522 Recorder Coupler)	IA463-340-110		
RDM	IA463-340-111		
RDM (KS-19522 Recorder Coupler)	IA463-340-110		
STC (Using KS-20721 Station Coupler)	IA463-340-103		
SU3 (Using KS-20445 Control Unit)	IA463-340-100		
SU4 (Using KS-20445 Control Unit)	IA463-340-100		
SU6 (Using KS-20445 Control Unit)	IA463-340-100		
SU7 (Using KS-20445 Control Unit)	IA463-340-100		
TSPXY	463-382-105		
TSPZ1	463-382-105		
69H Apparatus Mounting	IA463-311-103		
69H Apparatus Mounting	IA463-311-104		
69H Apparatus Mounting	IA463-311-105		
69H Apparatus Mounting	IA463-311-106		
69H Apparatus Mounting	IA463-331-105		
<i>Identification</i>			
CAU (Using KS-20445 Control Unit)	IA463-340-100		
CDA (ISU F-58003 and Associated F-58004 KTU and F-58015 Console)	IB463-350-100		
CDA (Using 700A-Type ISU)	463-350-101		
CDB (Using F-58005 IU)	463-331-100		
CDB (Using J53050A, L1)	IA463-331-101		
CDN (Using 111A IU)	IA463-311-103		
CDX (Using 31A Voice Coupler)	IA463-331-104		
CDY (Pick-up Button, Bell System Tel Set)	IA463-312-100		
CD4 (Using 31B Voice Coupler)	IA463-331-103		
CD5 (Using 111A IU)	IA463-311-103		
CD5 (Using 111A IU)	IA463-311-103		

## VOICE CONNECTING ARRANGEMENT (Cont)

## Voice Connecting Arrangement (Cont)

## Identification (Cont)

CD6 (Using 108A IU)	IB463-350-105
CEBAV (Using 111A IU)	IA463-311-106
CEBAW (Using 111A IU)	IA463-311-106
CEBAX (Using 111A IU)	IA463-311-104
CEBBX (Using 111A IU)	IA463-311-104
CEK (Using J5305E IU)	IA463-380-100
CET (Using 102A IU)	IB463-350-108
CEZ	IA463-311-108
C2AKS	IA463-311-107
C2K	IB463-370-102
C232W (Customer Equipment and Bell System 2-Wire and 4-Wire Facilities)	IB463-360-103
C234W (Customer Equipment and Bell System 4-Wire Facilities)	IB463-360-102
C27	IB463-370-102
FTP	IA463-341-102
GTS	463-340-112
LOH (Music on Hold, Cord Type PBX Switchboard)	IA463-331-105
LVH (Music on Hold, Key Telephone Systems)	IA463-311-105
QKP	463-311-109
QKT (Using 30-Type Voice Coupler)	IA463-311-100
QKTBT (Using 30-Type Voice Coupler)	IA463-311-100
RDL	IA463-340-111
RDL (KS-19522 Recorder Coupler)	IA463-340-110
RDM	IA463-340-111
RDM (KS-19522 Recorder Coupler)	IA463-340-110
STC (Using KS-20721 Station Coupler)	IA463-340-103
SU3 (Using KS-20445 Control Unit)	IA463-340-100
SU4 (Using KS-20445 Control Unit)	IA463-340-100
SU6 (Using KS-20445 Control Unit)	IA463-340-100
SU7 (Using KS-20445 Control Unit)	IA463-340-100
TSPXY	463-382-105
TSPZ1	463-382-105
69H Apparatus Mounting	IA463-311-103
69H Apparatus Mounting	IA463-311-104
69H Apparatus Mounting	IA463-311-105
69H Apparatus Mounting	IA463-311-106
69H Apparatus Mounting	IA463-331-105

## Installation

CAU (Using KS-20445 Control Unit)	IA463-340-100
CDA (ISU F-58003 and Associated F-58004 KTU and F-58015 Console)	IB463-350-100
CDA (Using 700A-Type ISU)	463-350-101
CDB (Using F-58005 IU)	463-331-100
CDB (Using J53050A, L1)	IA463-331-101
CDN (Using 111A IU)	IA463-311-103
CDX (Using 31A Voice Coupler)	IA463-331-104
CDY (Pick-up Button, Bell System Tel Set)	IA463-312-100

## VOICE CONNECTING ARRANGEMENT (Cont)

## Voice Connecting Arrangement (Cont)

## Installation (Cont)

CD4 (Using 31B Voice Coupler)	IA463-331-103
CD5 (Using 111A IU)	IA463-311-103
CD6 (Using 108A IU)	IB463-350-105
CEBAV (Using 111A IU)	IA463-311-106
CEBAW (Using 111A IU)	IA463-311-106
CEBAX (Using 111A IU)	IA463-311-104
CEBBX (Using 111A IU)	IA463-311-104
CEK (Using J5305E IU)	IA463-380-100
CET (Using 102A IU)	IB463-350-108
CEZ	IA463-311-108
C2AKS	IA463-311-107
C2K	IB463-370-102
C232W (Customer Equipment and Bell System 2-Wire and 4-Wire Facilities)	IB463-360-103
C234W (Customer Equipment and Bell System 4-Wire Facilities)	IB463-360-102
C27	IB463-370-102
FTP	IA463-341-102
GTS	463-340-112
LOH (Music on Hold, Cord Type PBX Switchboard)	IA463-331-105
LVH (Music on Hold, Key Telephone Systems)	IA463-311-105
QKP	463-311-109
QKT (Using 30-Type Voice Coupler)	IA463-311-100
QKTBT (Using 30-Type Voice Coupler)	IA463-311-100
RDL	IA463-340-111
RDL (KS-19522 Recorder Coupler)	IA463-340-110
RDM	IA463-340-111
RDM (KS-19522 Recorder Coupler)	IA463-340-110
STC (Using KS-20721 Station Coupler)	IA463-340-103
SU3 (Using KS-20445 Control Unit)	IA463-340-100
SU4 (Using KS-20445 Control Unit)	IA463-340-100
SU6 (Using KS-20445 Control Unit)	IA463-340-100
SU7 (Using KS-20445 Control Unit)	IA463-340-100
TSPXY	463-382-105
TSPZ1	463-382-105
69H Apparatus Mounting	IA463-311-103
69H Apparatus Mounting	IA463-311-104
69H Apparatus Mounting	IA463-311-105
69H Apparatus Mounting	IA463-311-106
69H Apparatus Mounting	IA463-331-105

## Maintenance

CAU (Using KS-20445 Control Unit)	IA463-340-100
CDA (ISU F-58003 and Associated F-58004 KTU and F-58015 Console)	IB463-350-100
CDA (Using 700A-Type ISU)	463-350-101
CDB (Using F-58005 IU)	463-331-100
CDB (Using J53050A, L1)	IA463-331-101
CDN (Using 111A IU)	IA463-311-103
CDX (Using 31A Voice Coupler)	IA463-331-104

**VOICE CONNECTING ARRANGEMENT (Cont)**

## Voice Connecting Arrangement (Cont)

*Maintenance (Cont)*

CDY (Pick-up Button, Bell System Tel Set)	IA463-312-100
CD4 (Using 31B Voice Coupler)	IA463-331-103
CD5 (Using 111A IU)	IA463-311-103
CD6 (Using 108A IU)	IB463-350-105
CEBAV (Using 111A IU)	IA463-311-106
CEBAW (Using 111A IU)	IA463-311-106
CEBAX (Using 111A IU)	IA463-311-104
CEBBX (Using 111A IU)	IA463-311-104
CEK (Using J5305E IU)	IA463-380-100
CET (Using 102A IU)	IB463-350-108
CEZ	IA463-311-108
C2AKS	IA463-311-107
C2K	IB463-370-102
C232W (Customer Equipment and Bell System 2-Wire and 4-Wire Facilities)	IB463-360-103
C234W (Customer Equipment and Bell System 4-Wire Facilities)	IB463-360-102
C27	IB463-370-102
FTP	IA463-341-102
GTS	463-340-112
LOH (Music on Hold, Cord Type PBX Switchboard)	IA463-331-105
LVH (Music on Hold, Key Telephone Systems)	IA463-311-105
QKP	463-311-109
QKT (Using 30-Type Voice Coupler)	IA463-311-100
QKTBT (Using 30-Type Voice Coupler)	IA463-311-100
RDL	IA463-340-111
RDL (KS-19522 Recorder Coupler)	IA463-340-110
RDM	IA463-340-111
RDM (KS-19522 Recorder Coupler)	IA463-340-110
STC (Using KS-20721 Station Coupler)	IA463-340-103
SU3 (Using KS-20445 Control Unit)	IA463-340-100
SU4 (Using KS-20445 Control Unit)	IA463-340-100
SU6 (Using KS-20445 Control Unit)	IA463-340-100
SU7 (Using KS-20445 Control Unit)	IA463-340-100
TSPXY	463-382-105
TSPZ1	463-382-105
69H Apparatus Mounting	IA463-311-103
69H Apparatus Mounting	IA463-311-104
69H Apparatus Mounting	IA463-311-105
69H Apparatus Mounting	IA463-311-106
69H Apparatus Mounting	IA463-331-105
<i>Method of Operation</i>	
CDB (Using F-58005 IU)	463-331-100
CDB (Using J53050A, L1)	IA463-331-101
CDN (Using 111A IU)	IA463-311-103
CD4 (Using 31B Voice Coupler)	IA463-331-103
CD5 (Using 111A IU)	IA463-311-103
CEBAV (Using 111A IU)	IA463-311-106
CEBAW (Using 111A IU)	IA463-311-106
CEBAX (Using 111A IU)	IA463-311-104

**VOICE CONNECTING ARRANGEMENT (Cont)**

## Voice Connecting Arrangement (Cont)

*Method of Operation (Cont)*

CEBBX (Using 111A IU)	IA463-311-104
CEK (Using J5305E IU)	IA463-380-100
69H Apparatus Mounting	IA463-311-103
69H Apparatus Mounting	IA463-311-104
69H Apparatus Mounting	IA463-311-106

*Operation*

CAU (Using KS-20445 Control Unit)	IA463-340-100
CDA (ISU F-58003 and Associated F-58004 KTU and F-58015 Console)	IB463-350-100
CDA (Using 700A-Type ISU)	463-350-101
CDY (Pick-up Button, Bell System Tel Set)	IA463-312-100
CD6 (Using 108A IU)	IB463-350-105
CET (Using 102A IU)	IB463-350-108
CEZ	IA463-311-108
C2AKS	IA463-311-107
C2K	IB463-370-102
C232W (Customer Equipment and Bell System 2-Wire and 4-Wire Facilities)	IB463-360-103
C234W (Customer Equipment and Bell System 4-Wire Facilities)	IB463-360-102
C27	IB463-370-102
FTP	IA463-341-102
GTS	463-340-112
LOH (Music on Hold, Cord Type PBX Switchboard)	IA463-331-105
LVH (Music on Hold, Key Telephone Systems)	IA463-311-105
QKP	463-311-109
QKT (Using 30-Type Voice Coupler)	IA463-311-100
QKTBT (Using 30-Type Voice Coupler)	IA463-311-100
RDL	IA463-340-111
RDL (KS-19522 Recorder Coupler)	IA463-340-110
RDM	IA463-340-111
RDM (KS-19522 Recorder Coupler)	IA463-340-110
STC (Using KS-20721 Station Coupler)	IA463-340-103
SU3 (Using KS-20445 Control Unit)	IA463-340-100
SU4 (Using KS-20445 Control Unit)	IA463-340-100
SU6 (Using KS-20445 Control Unit)	IA463-340-100
SU7 (Using KS-20445 Control Unit)	IA463-340-100
TSPXY	463-382-105
TSPZ1	463-382-105
69H Apparatus Mounting	IA463-311-103
69H Apparatus Mounting	IA463-311-104
69H Apparatus Mounting	IA463-311-105
69H Apparatus Mounting	IA463-311-106
69H Apparatus Mounting	IA463-331-105
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**VOICE STATION SIGNALING***Identification**Installation**Maintenance*

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 Identification  
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 Operation  
 234-Type

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## VOLTAGE TESTING DEVICE

Auxiliary Equipment  
 Description  
 Maintenance

B Voltage Tester

081-705-101

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WAITING CONSOLES

## WAITING SERVICE; MESSAGE—SEE MESSAGE

WAITING SERVICE

## WAITING SIGNAL CIRCUIT (SD-65845-01);

CALLS—SEE CALLS WAITING SIGNAL CIRCUIT  
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## WALL BOX TERMINAL

Apparatus Box  
 Identification

ED-69391-50, Group 1  
(Backplate)

KA463-140-100

ED-69391-50, Group 1 (Cover)

KA463-140-100

Wall Box Terminal

Identification

ED-69391-50, Group 1  
(Backplate)

KA463-140-100

ED-69391-50, Group 1 (Cover)

KA463-140-100

## WALL RELAY RACK

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Equipment Cabinet

KA463-140-100

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Wire Terminals

Drop and Block Wiring

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## WIRE AND ASSOCIATED APPARATUS;

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Wire and Cable (Cont)

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## WIRE AND CABLE

## WIRE CLAMP (E); DROP—SEE DROP WIRE

## CLAMP (E)

## WIRE CLAMP; DROP—SEE DROP WIRE CLAMP

## WIRE CLAMP; STATION—SEE STATION WIRE

## CLAMP

## WIRE CLIP

General

SC

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## WIRE DROP REEL

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## WIRE GUARD; P—SEE P WIRE GUARD

## WIRE HOOK; DROP—SEE DROP WIRE HOOK

## WIRE LOOP

General

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## NAIL

## WIRE NAIL; STATION—SEE STATION WIRE

## NAIL

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Piece-Part Data

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KS-8047

Piece-Part Data

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## WIRE TERMINATIONS

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Piece-Part Data and Replacement

Procedures

KS-16492

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## WIRE UNWRAPPING TOOL (HEATED)

Piece-Part Data and Replacement

Procedures

KS-16450L1

075-121-802

## WIRE WRAPPING TOOL

Piece-Part Data and Replacement

Procedures

KS-16363L1

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KS-16363L1

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Common Equipment

Interconnecting Devices

Interconnecting Unit

IA463-300-102

**606A PANEL***Connections**Identification**Installation*

Common Equipment

Interconnecting Devices

Interconnecting Unit

IA463-300-103

**615A PANEL***Connections**Identification**Installation*

Common Equipment

Interconnecting Devices

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**680-TYPE TRANSMITTER***Identification**Installation**Maintenance**Operation*

4A Speakerphone System

SD512-700-100

**69H APPARATUS MOUNTING***Connections**Identification**Installation**Maintenance**Method of Operation*

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Voice Connecting Arrangement

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*Connections**Identification**Installation**Maintenance**Operation*

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4A Speakerphone System

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**85B1 POWER UNIT***Identification**Installation**Maintenance**Operation*

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