

## 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

**ACCESS LINES; AUTOVON—SEE AUTOVON ACCESS LINES**

**ACCESS POINTS**  
 Building  
     Dedicated Plant 462-600-200  
     Buried Plant  
         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)**  
*Service*  
 Telephone Base SA502-322-400

**ADAPTER; DIAL—SEE DIAL ADAPTER**

**ADAPTERS**  
*Identification*  
     Bridging, 3-Way KA461-200-102  
     D-180071 Kit of Parts 463-121-100  
     D-180072 Kit of Parts 463-121-100  
     146B 463-121-100  
     148B KA461-200-102  
     149B KA461-200-102  
     152A 461-200-103  
     153-Type KA461-200-102  
     155A 463-121-100  
     157A 463-121-100  
     258A KA461-200-102  
     259A, B KA461-200-102  
     285A 463-121-100  
     290A 463-121-100  
*Installation*  
     152A 461-200-103  
 Connecting Block  
*Maintenance*  
*Terminating*  
     Tools KA461-604-100  
     66-Type KA461-604-100

**ADDENDANT CONSOLE**  
*Description*  
     DIMENSION® PBX Private Branch Exchange 554-010-100

**ADDRESSABLE DATA SAGE/BUIC (PHASE-III)**  
*General Description* 981-272-100

**ADDRESSABLE DATA SAGE/BUIC (Cont)**  
*Identification*  
*Maintenance*  
*Operation*  
     Site Control Circuit (SD-1G246-01) 480-510-106  
     Station Switching Circuit (SD-1G246-01) 480-510-106

**ADHESIVE CLIP**  
*General*  
 B 080-720-149

**ADJUNCT DIALS**  
*Connections*  
     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  
*Identification*  
     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  
*Installation*  
     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  
*Maintenance*  
     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  
*Operation*  
     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

**ADMINISTRATION DATA SYSTEM (FADS); FORCE—SEE FORCE ADMINISTRATION DATA SYSTEM (FADS)**

**ADMINISTRATIVE DATA SYSTEM (FADS); FORCE—SEE FORCE ADMINISTRATIVE DATA SYSTEM (FADS)**

**AD1 (USING 23A COUPLER)***Connections**Identification**Installation**Maintenance**Operation*

Protective Connecting

Arrangement

463-340-105

**ALARM AND COMMAND CONFERENCE SYSTEMS;****CRASH—SEE CRASH ALARM AND COMMAND  
CONFERENCE SYSTEMS****ALARM AND EMERGENCY TRANSFER CIRCUITS***Operation Tests*

761B Private Branch Exchange

551-730-501

**ALARM AND TRANSFER CIRCUIT***Circuit Tests*

756A Private Branch Exchange

551-153-501

761A Private Branch Exchange

551-710-501

**ALARM CIRCUIT***Maintenance Tests*

307 Switching System

480-714-306

*Operation Tests*

520-Type PBX Emergency

Reporting System

473-218-500

**ALARM CIRCUITS FOR CONTINUOUS TEST OF  
STATION LINES; CRASH—SEE CRASH ALARM  
CIRCUITS FOR CONTINUOUS TEST OF  
STATION LINES****ALARM CIRCUITS; CRASH—SEE CRASH ALARM  
CIRCUITS****ALARM MARKER***Circuit Tests*

756A Private Branch Exchange

551-155-501

**ALARM, TRANSFER, AND TRAFFIC REGISTER  
CIRCUITS (SD-66734-01)***Operation Tests*

757A Private Branch Exchange

551-253-501

**ALARMS***Method of Tracing*

No. 3 Order Turret

475-300-310

No. 6A Order Turret

475-600-310

701A Private Branch Exchange

542-010-310

702A Private Branch Exchange

543-020-310

711A Private Branch Exchange

542-010-310

740A Private Branch Exchange

546-400-310

740AX Private Branch Exchange

546-400-310

740B Private Branch Exchange

546-400-310

740C Private Branch Exchange

546-400-310

740E Private Branch Exchange

546-404-311

750A Private Branch Exchange

548-500-310

*Operating Test*

758C Switching System

551-510-500

*Operation Tests*2A Automatic Call Distributing  
System

476-222-501

3A Automatic Call Distributing  
System

476-305-501

3A Automatic Call Distributing  
System

476-305-502

700C (Manual Switchboard and  
Dial Equipment) Private Branch  
Exchange

541-002-501

701A Private Branch Exchange

542-010-500

701B Private Branch Exchange

542-010-501

701PK Private Branch Exchange

542-015-501

702A Private Branch Exchange

543-020-500

**ALARMS (Cont)***Operation Tests (Cont)*710C (Manual Switchboard and  
Dial Equipment) Private Branch  
Exchange

541-002-501

711A Private Branch Exchange

542-010-500

711B Private Branch Exchange

542-010-501

740A Private Branch Exchange

546-400-500

740AX Private Branch Exchange

546-400-500

740B Private Branch Exchange

546-400-500

740C Private Branch Exchange

546-400-500

740E Private Branch Exchange

546-404-501

750A Private Branch Exchange

548-500-500

755A Private Branch Exchange

550-550-500

758A Private Branch Exchange

551-410-500

758A/B Switching System

551-470-500

758B Private Branch Exchange

551-424-501

812A Private Branch Exchange

553-212-500

758C Switching System

551-569-500

**ALARMS AND PEG COUNT CIRCUIT***Operation Tests*

800A Private Branch Exchange

553-116-501

**ALARMS AND POWER FAILURE TRANSFER  
CIRCUITS***Operation Tests*

770A Private Branch Exchange

551-770-500

**ALARMS AND REGISTERS***Operation Tests*

757A Private Branch Exchange

551-258-501

**ALCOVE; DIRECTORY—SEE DIRECTORY****ALCOVE****ALERTING SYSTEM**

10A

*General Description*

981-227-100

*Method of Operation*

Console

480-316-301

11A

*General Description*

981-228-100

*Overall Tests*

480-317-500

*Periodic Maintenance*

480-317-500

**ALERTING SYSTEM; GROUP—SEE GROUP****ALERTING SYSTEM****AM; INDUCTOR, 1542A,—SEE INDUCTOR,  
1542A, AM****AMPLIFIERS***Description*

292A

024-108-105

*Identification*

151-Type

SA501-226-101

238-Type

SA501-226-100

241-Type

SA501-226-101

242-Type

SA501-226-101

276-Type

SA501-226-100

277-Type

SA501-226-100

315-Type

SA501-226-102

317A

501-226-105

*Installation*

238-Type

SA501-226-100

276-Type

SA501-226-100

277-Type

SA501-226-100

317A

501-226-105

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<b>AMPLIFIERS (Cont)</b>			
<i>Maintenance</i>			
317A		501-226-105	
KS-14990			
<i>Identification</i>			
1A Speakerphone System		512-610-100	
1A1 Speakerphone System		512-610-100	
Telephone Set Components			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
Customer-Owned Enclosures		501-420-102	
<b>ANCHOR; DRIVE—SEE DRIVE ANCHOR</b>			
<b>ANCHOR; PLASTIC—SEE PLASTIC ANCHOR</b>			
<b>ANCHORS MACHINE BOLT</b>			
<i>General</i>			080-720-114
<b>ANCHORS WALL SCREW</b>			
<i>General</i>			
B		080-720-115	
<b>ANGLE SCREWS</b>			
<i>General</i>			080-720-133
<b>ANNOUNCEMENT SET</b>			
<i>Connections</i>			
KS-16765L1, L2		SD514-210-200	
<i>Identification</i>			
KS-16765L1, L2		SD514-210-100	
<i>Installation</i>			
KS-16765L1, L2		SD514-210-200	
<i>Maintenance</i>			
KS-16765L1, L2		SD514-210-100	
<i>Method of Connecting</i>			
Miscellaneous Equipment			
2A Automatic Call			
Distributing System		476-215-210	
<i>Operation</i>			
KS-16765L1, L2		SD514-210-200	
<b>ANNOUNCEMENT SYSTEMS</b>			
8A			
<i>Connections</i>			514-615-200
Using Announcement Set			
KS-16765, L1 or Telephone			
Answering Set 2-Type		514-610-100	
<i>Identification</i>			514-615-100
Using Announcement Set			
KS-16765, L1 or Telephone			
Answering Set 2-Type		514-610-100	
<i>Installation</i>			514-615-200
Using Announcement Set			
KS-16765, L1 or Telephone			
Answering Set 2-Type		514-610-100	
<i>Line-Up</i>			514-615-200
<i>Maintenance</i>			514-615-200
Using Announcement Set			
KS-16765, L1 or Telephone			
Answering Set 2-Type		514-610-100	
<i>Operating Procedures</i>			
Dual Channel Service		514-615-301	
Single Channel Service		514-615-300	
<i>Operation</i>			
Using Announcement Set			
KS-16765, L1 or Telephone			
Answering Set 2-Type		514-610-100	
9A			
<i>Connections</i>			514-615-200
<i>Identification</i>			514-615-100
<b>ANNOUNCEMENT SYSTEMS (Cont)</b>			
9A (Cont)			
<i>Installation</i>			514-615-200
<i>Line-Up</i>			514-615-200
<i>Maintenance</i>			514-615-200
<i>Operating Procedures</i>			
Dual Channel Service			514-615-301
Single Channel Service			514-615-300
<b>ANNOUNCEMENT TRUNK CIRCUIT</b>			
(SD-65979-01)			
<i>Operation Tests</i>			
3A Automatic Call Distributing			476-321-501
System			
<b>ANNOUNCEMENT TRUNK CIRCUIT</b>			
(SD-67093-01)			
<i>Operation Test</i>			
758C Private Branch Exchange			551-527-500
<b>ANNUNCIATOR CIRCUIT</b>			
<i>Operation Tests</i>			
520-Type PBX Emergency			
Reporting System			473-218-630
<b>ANSWER ANNOUNCEMENT CIRCUIT</b>			
(SD-65971-01); DELAYED—SEE DELAYED			
<b>ANSWER ANNOUNCEMENT CIRCUIT</b>			
(SD-65971-01)			
<b>ANSWERING ON INTERCOM; HANDS-FREE—SEE</b>			
<b>HANDS-FREE ANSWERING ON INTERCOM</b>			
<b>ANSWERING SERVICE; SECRETARIAL—SEE</b>			
<b>SECRETARIAL ANSWERING SERVICE</b>			
<b>ANSWERING SERVICE; TELEPHONE—SEE</b>			
<b>TELEPHONE ANSWERING SERVICE</b>			
<b>ANSWERING SET; TELEPHONE—SEE TELEPHONE</b>			
<b>ANSWERING SET</b>			
<b>ANSWERING SYSTEM; TELEPHONE—SEE</b>			
<b>TELEPHONE ANSWERING SYSTEM</b>			
<b>APARTMENT DOOR ANSWERING</b>			
<i>Connections</i>			
2755-Type			
Telephone Set			SD512-520-400
<i>Identification</i>			
2755A, AM			
Telephone Set			SD512-520-100
<i>Installation</i>			
2755A, AM			
Telephone Set			SD512-520-100
<i>Maintenance</i>			
2755-Type			
Telephone Set			SD512-520-400
<i>Operation</i>			
2755A, AM			
Telephone Set			SD512-520-100
<b>APPARATUS</b>			
<i>Method of Making Test Connections</i>			069-131-811
<b>APPARATUS AND MATERIALS; TELEPHONE—SEE</b>			
<b>TELEPHONE APPARATUS AND MATERIALS</b>			
<b>APPARATUS ATTENDANT MODULAR STATION</b>			
700-TYPE			
<i>Connections</i>			
756A Private Branch Exchange			551-124-210
<b>APPARATUS BLANKS</b>			
<i>Identification</i>			501-110-100
<b>APPARATUS BOX</b>			
<i>Identification</i>			
105-Type			KA463-140-100
113-Type			463-121-110
114-Type			463-121-110

**APPARATUS BOX (Cont)***Identification (Cont)*

115-Type	463-121-115
118-Type	463-121-110

*Installation*

105-Type	463-140-200
113-Type	463-121-110
114-Type	463-121-110
115-Type	463-121-115
118-Type	463-121-110

**APPARATUS CABINET (26-PLATE)***Identification*

Equipment Cabinet	KA463-140-100
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**APPARATUS CABINET (45-PLATE)***Identification*

Equipment Cabinet	KA463-140-100
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**APPARATUS FOR IMPAIRED HEARING,  
SPEECH, SIGHT; TELEPHONE—SEE TELEPHONE  
APPARATUS FOR IMPAIRED HEARING,  
SPEECH, SIGHT****APPARATUS FOR NOISE LOCATIONS**

Handset (G8-Type)	SA501-211-102
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**APPARATUS MOUNTING***Identification*

	KA463-140-100
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*Installation*

	463-140-200
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*Service*

69B	
1A2 Key Telephone Systems	KB518-215-420
69D	
1A2 Key Telephone Systems	KB518-215-420
69G	
1A2 Key Telephone Systems	KB518-215-420

**APPARATUS MOUNTINGS**

## Noncoin Telephone Set

*Identification**Installation**Maintenance**Testing*

F-60762	506-500-100
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**APPARATUS SLIDE WIRE***Cleaning and Lubricating**Procedures*

	069-365-801
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**APPARATUS UNIT***Connections*

11A	
Customer-Owned Enclosures	501-415-101
11C	
Customer-Owned Enclosures	501-415-101

*Identification*

11A	
Customer-Owned Enclosures	501-415-101
11C	
Customer-Owned Enclosures	501-415-101
12-Type	504-216-101
14-Type	504-216-101

*Installation*

11A	
Customer-Owned Enclosures	501-415-101
11C	
Customer-Owned Enclosures	501-415-101
12-Type	504-210-201
14-Type	504-210-201

*Maintenance*

11A	
Customer-Owned Enclosures	501-415-101

**APPARATUS UNIT (Cont)***Maintenance (Cont)*

11C	
Customer-Owned Enclosures	501-415-101
12-Type	504-210-201
14-Type	504-210-201

*Selection*

11A	
Customer-Owned Enclosures	501-415-101
11C	
Customer-Owned Enclosures	501-415-101

**APPARATUS; SELECTION OF—SEE SELECTION  
OF APPARATUS****APPARATUS; STATION—SEE STATION****APPARATUS****AREA IDENTIFICATION EQUIPMENT***Method of Connecting*

## Miscellaneous Equipment

## 2A Automatic Call

## Distributing System

476-215-210

**ARM GUARD**

## Drop and Block Wiring

## Attachments

462-300-200

**ARRANGEMENT; CONNECTING—SEE CONNECTING  
ARRANGEMENT****ARRANGEMENT; PICTUREPHONE®****CONNECTING—SEE PICTUREPHONE®****CONNECTING ARRANGEMENT****ASSOCIATED APPARATUS; FOUNDATION****AND—SEE FOUNDATION AND ASSOCIATED****APPARATUS****ASSOCIATED BANKS***Cleaning and Treatment*

## Selectors

069-330-801

**ASSOCIATED EQUIPMENT***Connections**Identification**Installation**Tests*

## 800A Private Branch Exchange

553-105-201

**ASSOCIATED FITTINGS; DUCTS AND—SEE  
DUCTS AND ASSOCIATED FITTINGS****ATTACHMENT; CLEARANCE—SEE CLEARANCE  
ATTACHMENT****ATTACHMENTS; TREE—SEE TREE****ATTACHMENTS****ATTENDANT AND STATION EQUIPMENT***Connections*

## 761A Private Branch Exchange

551-702-210

## 761B Private Branch Exchange

551-722-210

*Identification*

## 761A Private Branch Exchange

551-702-210

## 761B Private Branch Exchange

551-722-210

*Installation*

## 761A Private Branch Exchange

551-702-210

## 761B Private Branch Exchange

551-722-210

*Method of Operation*

## 50A Customer Premises System

540-580-301

## 761A Private Branch Exchange

551-716-301

## 761B Private Branch Exchange

551-736-301

## 801A Private Branch Exchange

553-201-300

## 805A Private Branch Exchange

553-205-300

## 812A Private Branch Exchange B

553-212-300

**SECTION 460-000-006**

**ATTENDANT AND STATION EQUIPMENT WITH DIRECT TRUNK TERMINATION**

*Method of Operation*  
770A Private Branch Exchange 551-770-301

**ATTENDANT AND STATION**

**EQUIPMENT—SWITCHED LOOP**

*Method of Operation*  
770A Private Branch Exchange 551-770-302

**ATTENDANT CENTRAL OFFICE TRUNKS**

*Circuit Tests*  
Relay Jack and Lamp  
700C (Manual Switchboard)  
Private Branch Exchange 541-004-666

*Operation Tests*  
552A Private Branch Exchange 534-565-505  
552D Private Branch Exchange 534-565-505  
605A Private Branch Exchange 534-565-505

**ATTENDANT COMMON CIRCUITS**

*Operation Tests*  
770A Private Branch Exchange 551-770-503

**ATTENDANT CONSOLE**

*Connections*  
*Identification*  
*Installation*  
1A Telephone Answering System 473-609-210

**ATTENDANT CONSOLE (155A6E-03L);**

**AUTOVON—SEE AUTOVON ATTENDANT CONSOLE (155A6E-03L)**

**ATTENDANT CONTROLLED DIAL CONFERENCE TRUNK CIRCUIT (SD-66881-01)**

*Operation and Transmission Tests*  
757A Private Branch Exchange 551-275-503

**ATTENDANT DSS POSITION**

*Method of Connecting PBX to Cross-Connecting Terminal*  
House and Feeder Cables  
757A Private Branch Exchange 551-206-230

**ATTENDANT EQUIPMENT**

*Method of Operation*  
1- and 2-Type or 21-, 41-, and 51-Type Telephone Consoles with Switched Loop Operation  
Step-By-Step Private Branch Exchange 540-507-301

1-, 2-, 21-, 41-, or 51-Type Telephone Consoles with Direct Trunk Termination  
Step-By-Step Private Branch Exchange 540-507-300

*Method of Operation*  
701A Private Branch Exchange 540-107-300  
701B Private Branch Exchange 540-107-300  
740E Private Branch Exchange 540-107-300

701A Private Branch Exchange 540-107-301  
701B Private Branch Exchange 540-107-301  
740E Private Branch Exchange 540-107-301

**ATTENDANT LINE CIRCUIT (SD-65977-01)**

*Operation Tests*  
3A Automatic Call Distributing System 476-332-501

**ATTENDANT LINK, LOOP, AND CONTROLLER CIRCUIT (SD-66737-01)**

**ATTENDANT LINK, LOOP, AND CONTROLLER (Cont)**

*Operation Tests*  
Incoming Call Identification and Trunk Group Busy Circuit Tests  
757A Private Branch Exchange 551-263-501

**ATTENDANT LOOP CIRCUIT (SD-65813-01)**

**AND POSITION CIRCUIT (SD-65814-01)**  
*Operation Tests Using Jack Mounting (ED-60613-30)*  
Step-By-Step Private Branch Exchange 540-570-501

**ATTENDANT LOOP CIRCUIT (SD-65830-01)**

*Operation Tests*  
Step-By-Step Private Branch Exchange 540-570-502

**ATTENDANT MODULAR STATION 700-TYPE; APPARATUS—SEE APPARATUS ATTENDANT MODULAR STATION 700-TYPE**

**ATTENDANT SERVICE (CAS); CENTRALIZED—SEE CENTRALIZED ATTENDANT SERVICE (CAS)**

**ATTENDANT SERVICE; CENTRALIZED—SEE CENTRALIZED ATTENDANT SERVICE**

**ATTENDANT TELEPHONE CONSOLE (POSITION**

**NO. 1 DIRECT TRUNK TERMINATION)**  
*Method of Connecting PBX to Cross-Connecting Terminal*  
House and Feeder Cables  
757A Private Branch Exchange 551-206-215

**ATTENDANT TELEPHONE CONSOLE (1-3 SWITCHED LOOP TERMINATION)**

*Method of Connecting to Cross-Connecting Terminal*  
House and Feeder Cables  
757A Private Branch Exchange 551-206-220

**ATTENDANT TELEPHONE POSITION**

*Method of Connecting*  
10- or 11-Type Telephone Console  
3A Automatic Call Distributing System 476-303-410  
12- or 14-Type Apparatus Unit  
3A Automatic Call Distributing System 476-303-410

*Operation Tests*  
3A Automatic Call Distributing System 476-307-501

*Operation Tests Using Test Set (SD-65983-01, J53131AG)*  
2A Automatic Call Distributing System 476-225-501

**ATTENDANT TRUNK (SD-65815-01)**

*Operation Tests*  
701B Private Branch Exchange 540-540-500

**ATTENDANT TRUNK (SD-65964-01)**

*Operation Tests*  
3A Automatic Call Distributing System 476-325-501

**ATTENDANT TRUNK CIRCUIT (SD-65793-01)**

*Operation Tests*  
700C Private Branch Exchange 540-540-505  
701A Private Branch Exchange 540-540-505

**ATTENDANT TRUNK CIRCUIT (SD-65793-01) (Cont)***Operation Tests (Cont)*

701B Private Branch Exchange	540-540-505
702A Private Branch Exchange	540-540-505
740E Private Branch Exchange	540-540-505

**ATTENDANT TRUNK CIRCUIT (SD-65808-01)***Operation Tests*

Step-By-Step Private Branch Exchange	540-540-503
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**ATTENDANT TRUNKS***Circuit Tests*

Jack and Lamp	
700C (Manual Switchboard) Private Branch Exchange	541-004-665

*Operation Tests*

756A Private Branch Exchange	551-182-501
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**ATTENDANT 3-WIRE CONNECTORS****(SD-66643-01 AND SD-66644-01)***Operation Tests*

702A Private Branch Exchange	543-020-521
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**ATTENDANT 3-WIRE CONNECTORS****(SD-66663-01 AND SD-66664-01)***Operation Tests*

702A Private Branch Exchange	543-020-520
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**ATTENDANT, CALL, ANSWER, AND SWITCHING****WITH ROTARY DIAL; CONSOLE—SEE CONSOLE****ATTENDANT, CALL, ANSWER, AND SWITCHING****WITH ROTARY DIAL****ATTENUATORS***Procedures for Cleaning and Treatment*

069-321-801

**AUDIBLE AND VISUAL SIGNALING**

Key Telephone Unit

*Connections**Identification*

227A	KB518-310-401
227B	KB518-310-401

**AUTOMATIC CALL DISTRIBUTING SYSTEM***Connection*

Traffic Usage Recorder 3B	476-100-104
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*Description*

Test Set (KS-21055 NATIS)	476-100-101
Traffic Usage Recorder 3B	476-100-104

*Installation*

Test Set (KS-21055 NATIS)	476-100-101
Traffic Usage Recorder 3B	476-100-104

*Maintenance*

Test Set (KS-21055 NATIS)	476-100-101
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*Operation Tests*

Trunk Identification Control Circuit J53131W	476-100-501
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*Testing*

Traffic Usage Recorder 3B	476-100-104
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*Tests*

Test Set (KS-21055 NATIS)	476-100-101
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*Trouble Locating*

Traffic Usage Recorder 3B	476-100-104
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1-S

*Circuit Tests*

	475-100-520
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*Installation*

	475-100-210
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2A

*Distributing Frame Cross**Connections*

	476-216-210
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*Distribution*

Force Administration Data System (FADS)	476-100-106
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**AUTOMATIC CALL DISTRIBUTING SYSTEM (Cont)**

2A (Cont)

*General Description*

981-235-100

*Identification*

Switching Cabinets	476-200-210
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*Installation*

Force Administration Data System (FADS)	476-100-106
Switching Cabinets	476-200-210

*Method of Connecting*

Attendant Telephone Position	
10- or 11-Type Telephone Console	476-210-210

12- or 14-Type Apparatus Unit	476-210-210
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Crown and Power Cables	476-202-210
------------------------	-------------

Miscellaneous Equipment	
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Announcement Set	476-215-210
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Area Identification Equipment	476-215-210
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Auxiliary Incoming Trunk Units	476-215-210
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Auxiliary Trunk Unit	476-215-210
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Detector Unit 20-Cycle	476-215-210
------------------------	-------------

Hold Unit	476-215-210
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*Method of Connecting to**Distributing Frame*

House and Feeder Cables	
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Basic Cabinet	476-204-200
---------------	-------------

First Supplementary Cabinet	476-204-202
-----------------------------	-------------

Second Supplementary Cabinet	476-204-204
------------------------------	-------------

Transfer Cabinet	476-204-206
------------------	-------------

Supervisor Position Lamp Cabinet	476-214-210
----------------------------------	-------------

Supervisor Telephone Position	476-212-210
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*Method of Providing*

Service Options (Trunks, Position Units, Night Connections, and Registers)	476-218-210
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*Operation Tests*

Alarms	476-222-501
--------	-------------

FADS Registers	476-223-501
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Force Administrative Data System (FADS)	476-256-501
---	-------------

Supervisor Telephone Position Traffic Registers	476-223-501
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*Operation Tests Using Test Set**(SD-65983-01, J53131AG)*

Attendant Telephone Position	476-225-501
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Automatic Selection and Auxiliary Trunk Circuit (for Outward Service From Attendant Position SD-66790-01)	476-243-501
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Auxiliary Trunk Circuit (for Outward Service from Switchboard to Central Office)	476-249-501
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Incoming Trunk Circuit	476-237-501
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Link, Controller, and Gate Circuit	476-229-501
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Night Service Trunk Circuit	476-247-501
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*Tests*

Force Administration Data System (FADS)	476-100-106
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*Tests and Inspection at Time of Installation*

	476-220-210
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**SECTION 460-000-006**

**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>	
Connections	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)

*Operation Tests (Cont)*

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

**AUTOMATIC CALL DISTRIBUTORS (ACD)**

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

**AUTOMATIC DIALER**

*Connections*



**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
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*Installation*

KS-19594	512-125-200
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*Maintenance*

KS-19594	SD512-125-300
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*Operation*

KS-19594	512-125-100
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## RAPIDIAL Automatic Dialer

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

KS-16844	SC512-115-100
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## TELARAPID Automatic Dialer

*Connections**Description**Installation**Maintenance*

TR350-Type	512-110-100
125-Type	512-110-100

**AUTOMATIC DRILL***General*

B	080-115-101
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**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
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**AUTOMATIC NUMBER IDENTIFICATION****CIRCUIT (SD-1E007-01)***Connections*

757A Private Branch Exchange	551-236-210
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**AUTOMATIC NUMBER IDENTIFICATION (Cont)***General Maintenance Procedures*

757A Private Branch Exchange	551-258-300
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*Identification*

757A Private Branch Exchange	551-236-210
------------------------------	-------------

*Installation*

757A Private Branch Exchange	551-236-210
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*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
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*Operation Tests*

Step-By-Step Private Branch	
Exchange	540-518-501

## 757A Private Branch Exchange

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

757A Private Branch Exchange	551-258-303
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*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
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**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
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**AUTOMATIC TRUNK LEVEL CIRCUITS**

## PBX and Key Telephone Applications

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

DCK	IA463-332-100
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**SECTION 460-000-006**

<b>AUTOMATIC TRUNK LEVEL CIRCUITS (Cont)</b>			
PBX and Key Telephone Applications (Cont)			
<i>Operation (Cont)</i>			
DCL	IA463-332-100		
<b>AUTOVON ACCESS LINE SHARING CIRCUIT</b>			
<i>Description</i>			
<i>Lineup</i>			
<i>Testing</i>			
306 Switching System	480-713-501		
<b>AUTOVON ACCESS LINES</b>			
<i>Initial Lineup</i>			
<i>Maintenance</i>			
812A Private Branch Exchange	480-801-500		
<b>AUTOVON ATTENDANT CONSOLE</b>			
<b>(155A6E-03L)</b>			
<i>Method of Operation</i>			
812A Private Branch Exchange	480-801-300		
<b>AUTOVON OPTION</b>			
<i>Method of Operation</i>			
770A Private Branch Exchange	551-770-304		
<b>AUTOVON SERVICE</b>			
400 DIMENSION® Private Branch Exchange	554-010-135		
<b>AUXILIARY CABINET, J58849C</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Tests</i>			
800A Private Branch Exchange	553-105-201		
<b>AUXILIARY EQUIPMENT</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
801A Private Branch Exchange	553-201-202		
805A Private Branch Exchange	553-205-202		
<b>AUXILIARY INCOMING TRUNK CIRCUIT</b>			
<b>(SD-1E070-01)</b>			
<i>Operation Tests</i>			
3A Automatic Call Distributing System	476-332-501		
<b>AUXILIARY INCOMING TRUNK CIRCUIT</b>			
<b>(SD-66896-01)</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
757A Private Branch Exchange	551-234-212		
<b>AUXILIARY INCOMING TRUNK UNITS</b>			
<i>Method of Connecting</i>			
Miscellaneous Equipment			
2A Automatic Call Distributing System	476-215-210		
<b>AUXILIARY LINE CIRCUIT (SD-65799-01)</b>			
<i>Operation Tests</i>			
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>			
<b>(SD-66874-01) (A&amp;M)</b>			
<i>Operation Tests</i>			
757A Private Branch Exchange	551-281-501		
<b>AUXILIARY POSITION CIRCUIT FOR REMOTE TRUNK ANSWERING (SD-66910-01)</b>			
<i>Operation Tests</i>			
756A Private Branch Exchange	551-166-501		
<b>AUXILIARY POSITION CIRCUIT</b>			
<b>(SD-66874-01) (NON-PLUG-IN ARRANGEMENT)</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
757A Private Branch Exchange	551-234-211		
<b>AUXILIARY POSITION CIRCUIT</b>			
<b>(SD-66874-01) (PLUG-IN ARRANGEMENT)</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
757A Private Branch Exchange	551-234-215		
<b>AUXILIARY POWER SUPPLY (SD-5E039-01)</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
For Interface Trunk Circuit (SD-66926-01)	473-138-210		
For Recorded Telephone Dictation Trunk	473-138-210		
<b>AUXILIARY SIGNALS</b>			
<i>Identification</i>			
KS-16301L3, L4, L8	SA463-110-100		
KS-8547L1, L2, L3, L4	SA463-110-100		
Back Box			
<i>Identification</i>			
KS-16301L9, L11, L19	SA463-110-100		
Bells			
<i>Identification</i>			
SA463-110-100			
Chime			
<i>Identification</i>			
KS-16301, L1	SA463-110-100		
KS-8229L13, L14, L15, L23	SA463-110-100		
Horns			
<i>Identification</i>			
KS-16301L2, L5, L6	SA463-110-100		
Relay			
<i>Identification</i>			
KS-16301L15, L16, L17	SA463-110-100		
KS-20614	SA463-110-100		
<b>AUXILIARY TIE TRUNK CIRCUIT</b>			
<b>(SD-66765-01)</b>			
<i>Operation Tests</i>			
757A Private Branch Exchange	551-294-501		
<b>AUXILIARY TRUNK CIRCUIT (FOR OUTWARD SERVICE FROM SWITCHBOARD TO CENTRAL OFFICE)</b>			
<i>Operation Tests Using Test Set (SD-65983-01, J53131AG)</i>			
2A Automatic Call Distributing System	476-249-501		
<b>AUXILIARY TRUNK CIRCUIT (SD-65972-01)</b>			
<i>Operation Tests</i>			
3A Automatic Call Distributing System	476-332-501		
<b>AUXILIARY TRUNK CIRCUIT (SD-67075-01)</b>			
<i>Circuit Tests</i>			
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>			
<i>Operation Tests</i>			
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  
Cover, Screen, D-180313  
KS-5796L1, L2, L3, L7, L8, L9

KA463-130-100

KA463-130-100

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  
Cover, Screen, D-180313  
KS-5796L1, L2, L3, L7, L8, L9

KA463-130-100

KA463-130-100

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

**SECTION 460-000-006**

**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**

**BURIED WIRE TERMINATIONS***Reference*

Buried Plant General  
Precautions SB460-300-143

**BUSINESS INTERPHONE—SEE COMMUNICATION SYSTEM****BUSINESS OFFICE FORCE ADMINISTRATIVE****DATA SYSTEM (BOFADS)***Connections**Description**Identification**Installation**Tests*

1A1 Key Telephone Systems 476-360-101  
1A2 Key Telephone Systems 476-360-101

**BUSINESS PHONE TRAINER***Description**Maintenance*

KS-21102 473-401-100  
KS-21564 473-401-101

**BUSY TONE TRUNK***Operation Tests*

756A Private Branch Exchange 551-185-501  
757A Private Branch Exchange 551-285-501

**BUSY-TONE TRUNK (SD-65919-01)***Operation Test*

758A/B Switching System 551-470-506

*Operation Tests*

758B Private Branch Exchange 551-442-501

**BUTTONS; COLORED—SEE COLORED BUTTONS****BUZZERS AND BELLS***Reference*

SA501-120-100

**CABINET (26-PLATE); APPARATUS—SEE****APPARATUS CABINET (26-PLATE)****CABINET (45-PLATE); APPARATUS—SEE****APPARATUS CABINET (45-PLATE)****CABINET FLOOR-SUPPORTED (PER****ED-69488-50, GROUP 1)***Identification*

Equipment Cabinet KA463-140-100

**CABINET; DIRECTORY—SEE DIRECTORY****CABINET****CABINET; EQUIPMENT—SEE EQUIPMENT****CABINET****CABINET; FLOOR-SUPPORTED—SEE****FLOOR-SUPPORTED CABINET****CABINET, J58849C; AUXILIARY—SEE****AUXILIARY CABINET, J58849C****CABINETS; SWITCHING—SEE SWITCHING****CABINETS****CABLE**

*Marking Physical Location* KA460-110-130

**CABLE CLASP***General*

080-720-147

**CABLE EQUALIZERS***Description*

## Key Telephone System

## Initial Service (Phase 0)

## PICTUREPHONE® Service

## (Baseband Video

Transmission) 518-800-103

*Video Loop Facility Alignment*

## Initial Service (Phase 0)

## PICTUREPHONE® Service (Baseband

Video Transmission) 518-800-510

**CABLE EQUALIZERS (Cont)***Video Loop Facility Trouble**Location*

## Initial Service (Phase 0)

## PICTUREPHONE® Service (Baseband

## Video Transmission)

518-800-512

**CABLE REEL; CARRIER—SEE CARRIER CABLE****REEL****CABLE STRIPPER***Description*

081-780-102

**CABLE TERMINAL BOX***Identification**Installation**Wiring*

## G-Type

461-601-100

**CABLE; WIRE AND—SEE WIRE AND CABLE****CABLES***Protection of Installation*

## 720-Type

069-100-811

## 721-Type

069-100-811

**CABLES; CONNECTOR—SEE CONNECTOR****CABLES****CABLING; WIRING AND—SEE WIRING AND****CABLING****CALL DIRECTOR® TELEPHONE***Connections*

## 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

*General*

## Colored Buttons

463-210-110

*Selection*

## CALL DIRECTOR® Telephone

## Telephone Set

502-000-010

## Telephone Set

*Reference*

## 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

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**CALL DIRECTOR® TELEPHONE (Cont)**

Telephone Set (Cont)

*Reference (Cont)*

2637-Type	502-603-101
2638-Type	502-603-101
2639-Type	502-603-101
2682-Type	502-603-101
2683-Type	502-603-101
608-Type	502-601-101
609-Type	502-601-102
617-Type	502-601-102
618-Type	502-601-101
625-Type	502-601-102
630-Type	502-601-100
631-Type	502-601-100
632-Type	502-601-100
634-Type	502-601-101
635-Type	502-601-101
636-Type	502-601-101
637-Type	502-601-101
638-Type	502-601-101
639-Type	502-601-101
682-Type	502-601-101
683-Type	502-601-101

*Service*

1630D	502-611-400
1631D	502-611-400
1632C	502-611-401
1634	502-611-402
1635	502-611-402
1636C	502-611-403
1637C	502-611-403
1638C	502-611-404
1639D	502-611-404
2630D	KA502-612-400
2630DA, DAM	KA502-612-401
2631D	KA502-612-400
2631DA, DAM	KA502-612-401
2632C	502-612-402
2634D	KA502-612-403
2634DA	KA502-612-409
2634DAM	KA502-612-409
2635D	KA502-612-403
2635DA	KA502-612-409
2635DAM	KA502-612-409
2636C	KA502-612-404
2636CA, CAM	KA502-612-410
2637D	KA502-612-404
2637DA, DAM	KA502-612-410
2638C	502-612-405
2638CA, CAM	502-612-411
2639D	502-612-405
2639DA, DAM	502-612-411
2682AA, AAM	502-612-425
2683AA, AAM	502-612-425
608B, C	502-610-400
609A, B	502-610-401
617A, B	502-610-402
618A, B	502-610-400
621A	502-610-403
622A	502-610-404
625A1	502-610-405
630A, B, C, D	KA502-610-406
630DA, DAM	KA502-610-407
631A, B, C, D	KA502-610-406
631DA, DAM	KA502-610-407

**CALL DIRECTOR® TELEPHONE (Cont)**

Telephone Set (Cont)

*Service (Cont)*

632A, C	502-610-408
634A, B, C, D	KA502-610-409
634DA, DAM	KA502-610-417
635A, C, D	KA502-610-409
635DA, DAM	KA502-610-417
636A, B, C	KA502-610-410
636CA, CAM	KA502-610-418
637A, B, C, D	KA502-610-410
637DA, DAM	KA502-610-418
638A, B, C	502-610-411
638CA, CAM	502-610-419
639A, C, D	502-610-411
639DA, DAM	502-610-419
682AA, AAM	502-610-412
683AA, AAM	502-610-412

**CALL DIRECTOR® TELEPHONE SETS**

Mounting Cords	501-140-105
<i>Method of Operation</i>	
911 Emergency	
Reporting/Answering Bureaus	473-310-103

**CALL DISTRIBUTING SYSTEM**

4A

<i>Connections</i>	476-400-200
<i>General Descriptive Information</i>	981-237-100
<i>Identification</i>	476-400-200
<i>Installation</i>	476-400-200
<i>Method of Operation</i>	
<i>Modifications</i>	
Centralized Attendant Service	476-401-301

**CALL DISTRIBUTING SYSTEM;**

**AUTOMATIC—SEE AUTOMATIC CALL DISTRIBUTING SYSTEM**

**CALL DISTRIBUTION CIRCUIT**

(SD-65811-01)

<i>Circuit Tests</i>	
Step-By-Step Private Branch Exchange	540-530-501
<i>Operation Tests</i>	
Alarms	540-510-500

**CALL DISTRIBUTION CIRCUIT**

(SD-65829-01)

<i>Circuit Tests</i>	
Step-by-Step Private Branch Exchange	540-530-502
<i>Operation Tests</i>	
Alarms	540-510-501

**CALL DISTRIBUTION CIRCUIT ALARMS**

(SD-65829-01)

<i>Operation Tests</i>	
Step-by-Step Private Branch Exchange	540-510-502

**CALL DISTRIBUTORS (ACD); AUTOMATIC—SEE**

**AUTOMATIC CALL DISTRIBUTORS (ACD)**

**CALL IDENTIFICATION AND TRUNK GROUP**

**BUSY LAMP FEATURE; INCOMING—SEE**

**INCOMING CALL IDENTIFICATION AND TRUNK**

**GROUP BUSY LAMP FEATURE**

**CALL PROGRESS CIRCUIT**

*Description*

*Method of Operation*

758C Switching System	551-568-300
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<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 PBX 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	SB502-619-405		
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	

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

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**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)

<b>CO (ARRANGED FOR PHASE I CENTREX);</b>	
<b>CENTREX—SEE CENTREX CO (ARRANGED FOR</b>	
<b>PHASE I CENTREX)</b>	
<b>CO (ARRANGED FOR PHASE II CENTREX);</b>	
<b>CENTREX—SEE CENTREX CO (ARRANGED FOR</b>	
<b>PHASE II CENTREX)</b>	
<b>CO (ARRANGED FOR PHASE III CENTREX);</b>	
<b>CENTREX—SEE CENTREX CO (ARRANGED FOR</b>	
<b>PHASE III CENTREX)</b>	
<b>COAXIAL OFFICE CABLES</b>	
<i>Preparing for Splicing and</i>	
<i>Termination</i>	069-105-811
<b>COAXIAL WIRE (E AND F)</b>	
<i>Description</i>	
<i>Materials</i>	
<i>Tools</i>	
Drop and Block Wiring	462-030-140
<b>CODE CALL UNIT</b>	
3A	
<i>General Description</i>	951-903-100
<b>CODE CALLING SYSTEM</b>	
1A	
<i>Connections</i>	473-115-400
<i>Description</i>	473-115-100
<i>Maintenance</i>	473-115-300
<i>Use</i>	473-115-100
1B	
<i>Connections</i>	473-115-400
<i>Description</i>	473-115-100
<i>Maintenance</i>	473-115-300
<i>Use</i>	473-115-100
2A	
<i>Circuit Tests</i>	473-120-520
3A	
<i>Connections</i>	473-121-101
<i>Identification</i>	473-121-101
<i>Installation</i>	473-121-101
<i>Operation Test</i>	473-121-520
<b>CODE-COM</b>	
Subscriber Set	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation/Test</i>	
<i>Maintenance</i>	
698A	502-201-105
<b>COIL AND PROTECTOR SPRING CONTACTS;</b>	
<b>HEAT—SEE HEAT COIL AND PROTECTOR</b>	
<b>SPRING CONTACTS</b>	
<b>COIN COLLECTOR SET</b>	
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

<b>COIN COLLECTOR SET (Cont)</b>	
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
<b>COIN COLLECTORS</b>	
<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

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**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 KC518-450-103

Key Telephone Systems

*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			Identification	512-535-100
Exchange	480-139-520		Installation	
701A Private Branch			Control Console	512-535-201
Exchange	480-139-520		Equipment Cabinet	512-535-200
711A Private Branch			Patient Telephone Set	512-535-202
Exchange	480-139-520		Maintenance	
<b>COMMAND POST ALERTING NETWORK (COPAN)</b>			Control Console	512-535-201
Connections			Equipment Cabinet	512-535-200
Identification			Patient Telephone Set	512-535-202
Installation			Method of Operation	512-535-300
Residence Station Apparatus			4A	
306 Switching System	480-713-100		Connections	
<b>COMMON CIRCUITS</b>			Identification	
Operation Tests			Installation	
770A Private Branch Exchange	551-770-501		Maintenance	
<b>COMMON CIRCUITS; ATTENDANT—SEE</b>			COM KEY 416	KC518-450-105
<b>ATTENDANT COMMON CIRCUITS</b>			COM KEY 416 (Using 981/2981-	
<b>COMMON CONTROL AND LINE CIRCUIT</b>			and 983/2983-Type Telephone	
<b>(SD-1E011-01)</b>			Sets)	KC518-450-106
Operation Tests			7A	
800A Private Branch Exchange	553-124-501		Connections	
<b>COMMON CONTROL CIRCUIT (SD-5E022-01)</b>			Identification	
Operation Tests			Installation	
Load Balancing and Overflow			Maintenance	
3A Automatic Call			Operation	
Distributing System	476-337-501		COM KEY 718	KC518-450-100
<b>COMMUNICATION PACKAGE</b>			<b>CONCENTRATOR (CENTRAL OFFICE</b>	
559A			EQUIPMENT); LINE—SEE LINE CONCENTRATOR	
Connections	536-590-210		(CENTRAL OFFICE EQUIPMENT)	
Identification	536-590-210		<b>CONCENTRATOR (CENTRAL OFFICE</b>	
Installation	536-590-210		EQUIPMENT); LINE—SEE LINE CONCENTRATOR	
Tests and Inspections	536-590-210		(CENTRAL OFFICE EQUIPMENT)	
<b>COMMUNICATION SYSTEM</b>			<b>CONCENTRATOR (CENTRAL OFFICE</b>	
HORIZON			EQUIPMENT); LINE—SEE LINE CONCENTRATOR	
Description			(CENTRAL OFFICE EQUIPMENT)	
HORIZON	518-451-105		<b>CONCENTRATOR; LINE—SEE LINE</b>	
Maintenance Support			CONCENTRATOR	
HORIZON	518-451-300		<b>CONCENTRATOR-IDENTIFIER; LINE—SEE LINE</b>	
			CONCENTRATOR-IDENTIFIER	

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**CONDUITS**

*General* 461-300-100  
*Identification*  
 Placing Wire and Cable 461-300-101

**CONFERENCE CIRCUIT (SD-66461-01);  
 DIAL—SEE DIAL CONFERENCE CIRCUIT  
 (SD-66461-01)**

**CONFERENCE CIRCUIT; DIAL—SEE DIAL  
 CONFERENCE CIRCUIT**

**CONFERENCE CIRCUITS; COMMAND—SEE  
 COMMAND CONFERENCE CIRCUITS**

**CONFERENCE EQUIPMENT**

*Connections*  
*Identification*  
*Installation*  
 756A Private Branch Exchange 551-135-210  
 757A Private Branch Exchange 551-235-210

**CONFERENCE SET**

*Connections*  
 KS-19134, L1 512-630-401  
 50A 512-630-110  
 50A1 SD512-630-111

*Identification*  
 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

*Installation*  
 KS-19134, L1 512-630-201  
 50A 512-630-110  
 50A1 SD512-630-111

*Maintenance*  
 KS-19134, L1 512-630-201  
 50A 512-630-110  
 50A1 SD512-630-111

*Operation*  
 50A 512-630-110  
 50A1 SD512-630-111

**CONFERENCE TELEPHONE SYSTEM**

20A  
*General Description*  
 Private Service System 981-275-100

**CONFERENCE TRUNK CIRCUIT; DIAL—SEE  
 DIAL CONFERENCE TRUNK CIRCUIT**

**CONFERENCE PBX LINES**

Key Telephone Unit  
*Connections*  
*Identification*  
*Operation*  
 237-Type KB518-310-407

**CONFERENCE; MULTILINE—SEE MULTILINE  
 CONFERENCE**

**CONNECTING ARRANGEMENT**

*Connections*  
*Identification*  
*Installation*  
*Maintenance*  
*Operation*  
 CTD (Using J53050G-1, List 1  
 IU) IB463-382-101  
 CTH (Using J53050K IU) 463-382-103  
 C1Y (J92614E-1 IU) IB463-380-102  
 C25 (118A IU) IB463-380-101

**CONNECTING ARRANGEMENT (Cont)**

*Operation (Cont)*  
 KTX 463-382-104  
 VCP (Using KS-20944 Protector IA463-300-109

**CONNECTING ARRANGEMENT; PROTECTIVE—SEE  
 PROTECTIVE CONNECTING ARRANGEMENT**

**CONNECTING ARRANGEMENT; VOICE—SEE  
 VOICE CONNECTING ARRANGEMENT**

**CONNECTING BLOCK**

*Connections*  
 625-Type 461-610-100  
 630-Type 461-610-100  
 635-Type 461-610-100

*Cross Connecting*  
*Identification*

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

*Installation*  
 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

*Maintenance*  
 Tools  
 Adapters KA461-604-100  
 66-Type KA461-604-100  
 Adapters  
 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>	461-618-201
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
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 CIRCUIT****CONNECTOR CIRCUIT; LINK AND—SEE LINK AND CONNECTOR CIRCUIT****CONNECTOR 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 (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 (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

**CONNECTORS (SD-66643-01 AND SD-66644-01); ATTENDANT 3-WIRE—SEE ATTENDANT 3-WIRE CONNECTORS (SD-66643-01 AND SD-66644-01)****CONNECTORS (SD-66663-01 AND SD-66664-01); ATTENDANT 3-WIRE—SEE ATTENDANT 3-WIRE CONNECTORS (SD-66663-01 AND SD-66664-01)****CONNECTORS AND SELECTOR-CONNECTORS B, C, and E Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)**

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

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

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

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**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**  
*Connections*  
*Identification*  
*Installation*  
 761B Private Branch Exchange 551-722-210  
**CONSOLE CIRCUIT (SD-65925-01)**  
*Method of Operation*  
 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**  
*Connections*  
 800A (Customer Package) Private Branch Exchange 553-100-211  
 800A Private Branch Exchange 553-100-210  
*Identification*  
 800A (Customer Package) Private Branch Exchange 553-100-211  
 800A Private Branch Exchange 553-100-210  
*Installation*  
 800A (Customer Package) Private Branch Exchange 553-100-211  
*Installation Tests*  
 800A (Customer Package) Private Branch Exchange 553-100-211  
 800A Private Branch Exchange 553-100-210  
*Method of Operation*  
 2B Automatic Call Distributing System 476-271-301  
*Method of Operation (Large 2B ACD Attendant Application)*  
 2B Automatic Call Distributing System 476-270-302  
**CONSOLES (PRIVATE BRANCH EXCHANGE)**  
 Visually Impaired Attendant Service  
*Description*  
 87A Control Unit 534-413-211  
 990A Light Sensor 534-413-211  
*Installation*  
 87A Control Unit 534-413-211  
 990A Light Sensor 534-413-211

**CONSOLES (PRIVATE BRANCH EXCHANGE) (Cont)**  
 Visually Impaired Attendant Service (Cont)  
*Maintenance*  
 87A Control Unit 534-413-502  
 990A Light Sensor 534-413-502  
*Method of Operation*  
 87A Control Unit 534-413-211  
 990A Light Sensor 534-413-211  
*Trouble Locating Procedures*  
 87A Control Unit 534-413-502  
 990A Light Sensor 534-413-502  
**CONSOLES; SELECTOR—SEE SELECTOR CONSOLES**  
**CONTACTS**  
*Cleaning and Reconditioning*  
 On Similar Apparatus Except Keys and Jacks 069-306-801  
*Replacing*  
 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  
*Replacing using the 1004A, 1004B, and 1013A Tool Kits* 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**  
*Connections*  
 KS-20008L1 463-235-100  
 62A SD514-230-102  
 89A IA463-332-130  
*Emergency Action Procedures*  
 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</i>	
<i>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</b>	
<b>COPPER</b>	
<b>CORD CIRCUITS</b>	
<i>Inspections</i>	
<i>Tests</i>	
520-Type PBX Emergency Reporting System	473-218-525
<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

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## CORD UNIT (J59013E)

*Connections**Identification**Installation*

557A Private Branch Exchange 473-601-201

## CORDS

Handset

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

Message Waiting 501-140-108

Mounting

CALL DIRECTOR® Telephone Sets 501-140-105

For Telephone Consoles 501-140-107

For 4- and 6-Button Key

Telephone Sets 501-140-104

*Information*

For 10- and 20-Button Telephone Sets 501-140-106

*Selection*

For Single-Line and One-Button Telephone Sets 501-140-103

Station

*Even-Count Color Code* 501-140-101*General* 501-140-100

Test Set and Miscellaneous

*Identification* 501-140-120

## CORNER BRACKET

*General* 080-720-135

## CORROSION AND MOISTURE;

INHIBITORS,—SEE INHIBITORS, CORROSION AND MOISTURE

## COUNT TOTALIZER (SD-65981-01); PEG—SEE

PEG COUNT TOTALIZER (SD-65981-01)

## COUPLER; RECORDER—SEE RECORDER

COUPLER

## COVER

*Identification*

ED-69368-50, Group 2 KA463-140-100

ED-69462-50, Group 2 KA463-140-100

ED-69463-50, Group 2 KA463-140-100

116A KA463-140-100

117A KA463-140-100

## COVER 125A

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

Ringers 501-252-100

## COVERS

*Identification**Installation*

KS-19778(MD) 461-200-103

KS-20366(MD) 461-200-103

KS-20458 461-200-103

## COVERS; MANHOLE—SEE MANHOLE COVERS

## CRASH ALARM AND COMMAND CONFERENCE

SYSTEMS

*General Description* 480-139-110

## CRASH ALARM CIRCUITS

*Operation Tests*

551A Private Branch

Exchange 480-139-500

## CRASH ALARM CIRCUITS (Cont)

*Operation Tests (Cont)*

551B Private Branch Exchange 480-139-500

551D Private Branch Exchange 480-139-500

604C Private Branch Exchange 480-139-500

605A Private Branch Exchange 480-139-500

701A Private Branch Exchange 480-139-500

711A Private Branch Exchange 480-139-500

## CRASH ALARM CIRCUITS FOR CONTINUOUS

TEST OF STATION LINES

*Operation Tests*

701A Private Branch Exchange 480-139-501

711A Private Branch Exchange 480-139-501

## CRASH ALARM SYSTEM (CRASH PHONES);

PRIMARY—SEE PRIMARY CRASH ALARM SYSTEM

(CRASH PHONES)

CRIMPER; CLIP—SEE CLIP CRIMPER

CROSS CONNECTIONS

*Method of Placing*

069-133-801

## CROSSBAR LINK AND CONTROLLER CIRCUIT

(SD-5E053-01)

*Operation Tests*

Common Group TOUCH-TONE®

Calling Equipment with Crossbar

Link Access Private Branch

Exchange 540-702-502

## CROSSBAR SWITCH

*Replacing*

Contacts 069-310-802

## CTD (USING J53050G-1, LIST 1 IU)

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

Connecting Arrangement IB463-382-101

## CTH (USING J53050K IU)

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

Connecting Arrangement 463-382-103

## CUSHION BODY BELT

*Description*

SB081-720-101

*Use*

SB081-720-101

## CUSTOMER PREMISES SYSTEM

50A

*Connections*

General Descriptive Information 540-580-101

*Identification* 981-300-100*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 201S</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>C2AKS</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>		

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<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>DCK</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	SB460-300-13a		
<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			
System	476-319-501		
<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)

*Connections (Cont)*

881B108	SA503-200-109
881B109, 881C109	SA503-200-111
881B110	SA503-200-107
881C100	SA503-200-107
881C101	SA503-200-107
881C102	SA503-200-108
881C103	SA503-200-108
881C104	SA503-200-108
881C110	SA503-200-107
882A200	SA503-200-110
882B200	SA503-200-110
900A, B	SA503-200-100
902A1	SA503-200-102
910A	SA503-200-101
921A, B	SA503-200-106
930A, B	SA503-200-103
940-Type	SA503-200-104

*Identification*

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
2881C111	SA503-200-112
2900A, B	SA503-200-100
2902A1	SA503-200-102
2910A	SA503-200-101
2911A1	SA503-200-105
2921A, B	SA503-200-106
2930A, B	SA503-200-103
2931B	SA503-200-103
2950A-Type	SA503-200-114
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
881B108	SA503-200-109
881B109, 881C109	SA503-200-111
881B110	SA503-200-107
881C100	SA503-200-107
881C101	SA503-200-107
881C102	SA503-200-108
881C103	SA503-200-108
881C104	SA503-200-108
881C110	SA503-200-107

**DESIGN LINE TELEPHONE (Cont)**

## Telephone Set (Cont)

*Identification (Cont)*

881C111	SA503-200-112
882A200	SA503-200-110
882B200	SA503-200-110
900A, B	SA503-200-100
902A1	SA503-200-102
910A	SA503-200-101
911A1	SA503-200-105
921A, B	SA503-200-106
930A, B	SA503-200-103
940-Type	SA503-200-104
950A-Type	SA503-200-114

*Installation*

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
2881C111	SA503-200-112
2900A, B	SA503-200-100
2902A1	SA503-200-102
2910A	SA503-200-101
2911A1	SA503-200-105
2921A, B	SA503-200-106
2930A, B	SA503-200-103
2931B	SA503-200-103
2950A-Type	SA503-200-114
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
881B108	SA503-200-109
881B109, 881C109	SA503-200-111
881B110	SA503-200-107
881C100	SA503-200-107
881C101	SA503-200-107
881C102	SA503-200-108
881C103	SA503-200-108
881C104	SA503-200-108
881C110	SA503-200-107
881C111	SA503-200-112
882A200	SA503-200-110
882B200	SA503-200-110
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902A1	SA503-200-102
910A	SA503-200-101

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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

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KS-16576L5, L6 SB460-110-100

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*Methods of Marking*

Connecting Block 461-600-101

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**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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*Identification*

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*Operation Tests*

Meet-Me-Type (SD-65745-01)

756A Private Branch

Exchange 551-176-501

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*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

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711PK Private Branch Exchange 540-182-501

740A Private Branch Exchange 540-182-501

740B Private Branch Exchange 540-182-501

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*Operation and Transmission Test*

Attendant Controlled Type

(SD-66908-01)

756A Private Branch

Exchange 551-178-501

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*Operation and Transmission Tests*

757A Private Branch

Exchange

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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

**DIAL MOUNTING**

*Identification*

501-160-100

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*Connections*

*Identification*

*Installation*

*Maintenance*

Customer-Owned Enclosures

501-420-101

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(SD-67114-01)

*Operation Test*

758A/B Switching System

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(SD-67016-01)

*Operation Tests—Using Converter*

*Test Circuit J58839N (SD-67017-01)*

758B Private Branch Exchange

551-436-501

**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

758A Private Branch Exchange

551-458-501

758B Private Branch Exchange

551-458-501

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**CONTROL**

*General Description*

For SAGE/BUIC Phase-III

981-273-100

**DIAL RESTORATION PANEL (AUTOVON)**

*General Description*

981-271-100

**DIAL TONE FIRST-MULTISLOT**

*General*

Coin Telephone Stations

506-100-106

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(SD-73103-01)

*Operation Tests*

758C Switching System

551-561-500

**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

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*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	501-164-118 501-165-110
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

*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

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*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	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	501-164-118
53A Station	501-165-110
53B Station	501-165-102
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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>	
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<i>Operation Tests</i>	
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400 DIMENSION® Private Branch Exchange	554-101-110

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**EMERGENCY REPORTING/ANSWERING BUREAUS**

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**EQUALIZERS**

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**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**

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**EXECUTIVE TRUNK CIRCUIT (SD-1E000-01 WITH RINGBACK AND CAMP-ON TONE SIGNAL)**

*Operation Tests*

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**EXTENDER**

*Connections*

*Identification*

*Installation*

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<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
<i>Use</i>			<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>				

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**FEATURES (Cont)**

<i>Ringing 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

**FEATURES, TRUNKS, AND MISCELLANEOUS EQUIPMENT**

<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
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**FEEDERS; BATTERY—SEE BATTERY FEEDERS**  
**FEEDERS; RINGING—SEE RINGING FEEDERS**

<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>	
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<b>FINDER CIRCUIT (SD-65906-01); TRUNK—SEE TRUNK FINDER CIRCUIT (SD-65906-01)</b>	
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<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

**FINDERS AND 3-WIRE TRUNK FINDERS; LINE—SEE LINE FINDERS AND 3-WIRE TRUNK FINDERS**

<b>FINDERS; LINE—SEE LINE FINDERS</b>	
<b>FITTINGS</b> <i>Identification</i>	
Placing Wire and Cable	461-300-101

**FIXTURE; LIGHT—SEE LIGHT FIXTURE**

**FLASH AND WINK CIRCUITS**

<i>Operation Tests</i>	
520-Type PBX Emergency Reporting System	473-218-660

**FLOOR-SUPPORTED (PER ED-69488-50, GROUP 1); CABINET—SEE CABINET FLOOR-SUPPORTED (PER ED-69488-50, GROUP 1)**

<b>FLOOR-SUPPORTED CABINET</b> <i>Identification</i>	
Equipment Cabinet	KA463-140-100

**FLUTTER-FLASH LAMP SIGNAL SUPPLY CIRCUIT (SD-67076-01)**

<i>Operation Test</i>	
758A/B Switching System	551-470-505
<i>Operation Tests</i>	
758A Private Branch Exchange	551-416-500
758C Private Branch Exchange	551-531-500

<b>FOOT LADDER</b> <i>Description</i>	
B	081-740-105

**FORCE ADMINISTRATION DATA SYSTEM (FADS)**  
*Distribution*  
*Installation*  
*Tests*

2A Automatic Call Distributing System	476-100-106
2B Automatic Call Distributing System	476-100-106
3A Automatic Call Distributing System	476-100-106

**FORCE ADMINISTRATIVE DATA SYSTEM (FADS)**  
*General Description*

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

**FOUNDATION AND ASSOCIATED APPARATUS**  
KS-21976  
*Identification*  
*Installation*

SENTRY	CB508-809-100
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**FRAME BAG; DISTRIBUTING—SEE DISTRIBUTING FRAME BAG**  
**FRAME; CARD—SEE CARD FRAME**  
**FREQUENCY INTERFERENCE; RADIO—SEE RADIO FREQUENCY INTERFERENCE**

<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			<i>Observations and Tests</i>	
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>			<i>Tests and Inspections</i>	
<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			<i>Attaching and Fastening</i>	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

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**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
<i>Identification</i>	
220-Type	SA502-303-102
2220-Type	SA502-303-102
2226-Type	SA502-303-102
226-Type	SA502-303-102
<i>Installation</i>	
220-Type	SA502-303-102
2220-Type	SA502-303-102
2226-Type	SA502-303-102
226-Type	SA502-303-102
<i>Maintenance</i>	
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
<i>Reference</i>	
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
<i>Service</i>	
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
<i>Magneto</i>	
<i>Connections</i>	
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	
<i>Inspection</i>	075-115-301
<i>Maintenance</i>	075-115-301

**HANDLING; PACKAGING AND—SEE PACKAGING AND HANDLING**

**HANDS-FREE ANSWERING ON INTERCOM**

Key Telephone Systems	
<i>Description</i>	
1A1	KB518-010-115
1A2	KB518-010-115
6A	KB518-010-115

**HANDSET**

<i>Connections</i>	
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
<i>Description</i>	
<i>Maintenance</i>	
1013B	106-020-113
<i>Identification</i>	
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**

<i>Description</i>	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**

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<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</b>			
<b>INFORMATION DESK</b>			
<b>INFORMATION TRANSMITTER (BIT);</b>			
<b>BILLING—SEE BILLING INFORMATION</b>			
<b>TRANSMITTER (BIT)</b>			
<b>INFORMATION TRANSMITTER (BIT);</b>			
<b>BILLING—SEE BILLING INFORMATION</b>			
<b>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</b>			
<b>(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</b>			
<b>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		IB463-361-100	
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	

**SECTION 460-000-006**

**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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**SECTION 460-000-006**

**JACKS (Cont)**

*Identification*

*Service*

For Portable Telephone Sets SB461-630-100

**JTA (USED WITH CONFORMING ANSWERING**

**DEVICES INCORPORATING APCM**

*Application*

*Identification*

*Installation*

*Maintenance*

Interface Termination 463-322-101

**JTC (USED WITH ATTESTED CP NONPOWERED**

**CONFERENCING DEVICES)**

*Application*

*Identification*

*Installation*

*Maintenance*

Interface Termination IA463-322-100

**JUNCTOR CIRCUIT**

*Operation Tests*

756A Private Branch Exchange 551-173-501

757A Private Branch Exchange 551-273-501

**KEY (718, 1434, 2152); COM—SEE COM KEY (718, 1434, 2152)**

**KEY AND JACK CONTACTS**

*Method of Cleaning*

069-386-801

**KEY EQUIPMENT**

*Connections*

1A Common Battery 512-310-400

Local Battery Talking-Common

Battery Signaling 512-310-401

100 512-330-400

101A 512-332-400

101B 512-332-400

103A

Secretarial Answering

Service 512-336-100

2A 512-312-400

2B 512-312-400

4A

Common Battery Signaling SD512-314-400

Common Battery Talking SD512-314-400

Local Battery 512-314-401

5A 512-316-400

5B 512-316-400

*Description*

103A

Secretarial Answering

Service 512-336-100

*Description and Use*

102A 512-334-100

111A 512-344-100

*Identification*

100 512-330-100

101A 512-332-100

101B 512-332-100

2A 512-312-100

2B 512-312-100

4A SD512-314-100

5A 512-316-100

5B 512-316-100

*Installation*

100 512-330-200

101A 512-332-200

101B 512-332-200

**KEY EQUIPMENT (Cont)**

*Installation (Cont)*

103A

Secretarial Answering 512-336-100

Service SD512-314-100

4A

5A 512-316-200

5B 512-316-200

*Maintenance*

100 512-330-300

101A 512-332-300

101B 512-332-300

103A

Secretarial Answering

Service 512-336-100

4A SD512-314-100

5A 512-316-200

5B 512-316-200

*Operation*

103A

Secretarial Answering

Service 512-336-100

100

*Connections*

213B

Key Telephone Unit 518-310-400

*Description*

213B

Key Telephone Unit 518-310-400

101A

*Connections*

213B

Key Telephone Unit 518-310-400

*Description*

213B

Key Telephone Unit 518-310-400

101B

*Connections*

213B

Key Telephone Unit 518-310-400

*Description*

213B

Key Telephone Unit 518-310-400

102A

*Connections*

213B

Key Telephone Unit 518-310-400

*Description*

213B

Key Telephone Unit 518-310-400

112A

*Description of Equipment*

*Arrangements for Sage Systems* 480-510-100

*Description of Operation for Sage*

*System*

Alternate Termination Transfer

Circuit (SD-69492-01) 480-510-105

Conference Circuit

(SD-69490-01) 480-510-105

**KEY MOUNTING**

*Connections*

1400 Series 30 to 90 Line Size 512-240-400

1400 Series 6 to 18 Line Size 512-240-401

2400 Series 30 to 90 Line Size 512-240-400

2400 Series 6 to 18 Line Size 512-240-401

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

**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

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*

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

**SECTION 460-000-006**

**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*

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

981-203-100

*Identification*

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

*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
<i>Connections (Single Group and Multigroup Line)</i>	
J53051B	
Equipment Bay	518-800-429
<i>Connections (2- or 3-Link Intercom)</i>	
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
<i>Connections (10-Station Single Link Intercom)</i>	
650A	
Key Service Unit	518-800-413
<i>Connections (10-Station Single Link Intercom)</i>	
J53051A	
Equipment Bay	518-800-425
<i>General Description</i>	
2C Video Telephone Station	518-800-100
<i>Identification</i>	
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
<i>Identification (2- or 3-Link Intercom)</i>	
J53051C	
Equipment Bay	518-800-128
<i>Installation</i>	
J53051A	
Equipment Bay	518-800-120
J53051B	
Equipment Bay	518-800-122
650A	
Key Service Unit	518-800-115
<i>Installation (2- or 3-Link Intercom)</i>	
J53051C	
Equipment Bay	518-800-128
<i>Method of Operation (2- or 3-Link Intercom)</i>	
J53051C	
Equipment Bay	518-800-305
<i>Trouble Locating (2- or 3-Link Intercom)</i>	
J53051C	
Equipment Bay	518-800-507
<i>Trouble Locating Procedures (Single and Multigroup Line)</i>	
Equipment Bay	518-800-505

2A

<i>Connections</i>	518-510-400
<i>Identification</i>	518-510-100
<i>Installation</i>	518-510-200
<i>Maintenance</i>	518-510-200

2B

<i>Connections</i>	518-510-400
<i>Identification</i>	518-510-100
<i>Installation</i>	518-510-200
<i>Maintenance</i>	518-510-200

6A

<i>Connections</i>	
Holding Arrangement for 6A	
Stations using 1A or 1A1 Line	
and Signaling Circuits	518-410-403
Selector Only	518-410-400

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**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

*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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**SECTION 460-000-006**

**KEYS (Cont)**

Telephone Set Components (Cont)

*Maintenance*

Customer-Owned Enclosures 501-420-101

**KIT OF PARTS**

D-180489

*Identification*

Noisy Conditions 501-376-100

**KIT PLAN**

*Connections*

*Identification*

*Installation*

*Maintenance*

Telephone Set Bases 503-100-110

**KITS FOR STATION SETS;**

**MODIFICATION—SEE MODIFICATION KITS FOR STATION SETS**

**KNOB**

*General*

C 080-720-143

S 080-720-132

T 080-720-132

**KS-16301L15, L16, L17**

*Identification*

Relay Auxiliary Signals SA463-110-100

**KS-16301L2, L5, L6**

*Identification*

Horns Auxiliary Signals SA463-110-100

**KS-16301L3, L4, L8**

*Identification*

Auxiliary Signals SA463-110-100

**KS-16301L9, L11, L19**

*Identification*

Back Box Auxiliary Signals SA463-110-100

**KS-20614**

*Identification*

Relay Auxiliary Signals SA463-110-100

**KS-8547L1, L2, L3, L4**

*Identification*

Auxiliary Signals SA463-110-100

**KTX**

*Connections*

*Identification*

*Installation*

*Maintenance*

*Operation*

Connecting Arrangement 463-382-104

**LADDER**

*Combination*

B 081-741-100

C 081-741-100

**LADDER PLATFORM**

*Description*

*Use*

C 081-740-106

**LADDER SUPPORT**

*Description*

B 081-740-105

C 081-740-105

E 081-740-106

*Use*

E 081-740-106

**LADDER TREAD**

*Description*

*Use*

B 081-740-106

**LADDER; EXTENSION—SEE EXTENSION**

**LADDER**

**LADDER; FOOT—SEE FOOT LADDER**

**LADDERS**

*Reference*

SB460-300-108

**LAMP EXTRACTOR**

*Description*

*Use*

KS-21144L1 075-126-301

**LAMP INDICATOR**

*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

**LAMP SIGNAL SUPPLY CIRCUIT**

**(SD-67076-01); FLUTTER-FLASH—SEE**

**FLUTTER-FLASH LAMP SIGNAL SUPPLY**

**CIRCUIT (SD-67076-01)**

**LAMP SOCKET**

*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

**LEAD SLEEVE SLITTER; B—SEE B LEAD**

**SLEEVE SLITTER**

**LEATHER BODY BELT**

*Description*

SB081-720-101

*Use*

SB081-720-101

**LETTERING AND NUMBERING**

*General Requirements and Methods*

069-399-201

**LEVEL DETECTOR; COIN—SEE COIN LEVEL**

**DETECTOR**

**LIGHT AND BLOWER UNIT**

*Identification*

*Installation*

*Maintenance*

KS-19207

CB508-820-100

**LIGHT CONTROLS**

*Identification*

*Installation*

*Maintenance*

KS-19261

CB508-825-100

**LIGHT FIXTURE**

Booth and Directory

2-Type 508-815-100

4-Type 508-815-100

**LINE AUXILIARY CIRCUIT (POWERED FROM**

**CO); PRIVATE—SEE PRIVATE LINE**

**AUXILIARY CIRCUIT (POWERED FROM CO)**



**LINE CIRCUIT (E AND M LEAD SIGNALING SD-66797-01); DIAL—SEE DIAL LINE CIRCUIT (E AND M LEAD SIGNALING SD-66797-01)**

**LINE CIRCUIT (SD-65799-01);**

**AUXILIARY—SEE AUXILIARY LINE CIRCUIT (SD-65799-01)**

**LINE CIRCUIT (SD-65977-01);**

**ATTENDANT—SEE ATTENDANT LINE CIRCUIT (SD-65977-01)**

**LINE CIRCUIT (SD-99545-01); LONG—SEE**

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

**LINE CIRCUIT 4-WIRE (SD-67053-01);**

**STATION—SEE STATION LINE CIRCUIT 4-WIRE (SD-67053-01)**

**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)**

**LINE CIRCUITS (CENTRAL OFFICE**

**EQUIPMENT); LONG—SEE LONG LINE CIRCUITS (CENTRAL OFFICE EQUIPMENT)**

**LINE CIRCUITS; STATION—SEE STATION LINE CIRCUITS**

**LINE CONCENTRATOR**

1A Line Concentrator

*Operating Methods*

KS-15917, L3 Battery Supply 167-285-301

**LINE CONCENTRATOR (CENTRAL OFFICE EQUIPMENT)**

*Operation Tests*

520-Type PBX Emergency Reporting System 067-302-503

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

520-Type PBX Emergency Reporting System 067-301-501

*Recording, Analysis, and Handling Trouble Indicator Reports*

520-Type PBX Emergency Reporting System 067-302-301

**LINE CONCENTRATOR (CENTRAL OFFICE EQUIPMENT)**

*Tests Using Test Circuit*

*SD-98067-01*

520-Type PBX Emergency Reporting System 067-302-501

**LINE CONCENTRATOR (CENTRAL OFFICE EQUIPMENT)**

*Tests Using Test Circuit*

*SD-98067-01*

520-Type PBX Emergency Reporting System 067-302-502

**LINE CONCENTRATOR; STATION—SEE STATION LINE CONCENTRATOR**

**LINE CONCENTRATOR-IDENTIFIER**

Telephone Answering System

*General Descriptive Information*

Electro-Mechanical Central Offices 951-830-100

Electronic Switching Systems No. 1 951-830-100

**LINE FINDERS**

*Operation Tests*

702A Private Branch Exchange 543-020-590

*Operation Tests Using Test Set*

*(SD-90416-01, J94704A)*

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

**LINE FINDERS AND 3-WIRE TRUNK FINDERS**

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

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

*Operation Tests Using Test Set*

*(SD-66073-01, J54701B)*

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

**LINE OR TRUNK ACCESS CIRCUIT**

**(SD-1E045-01)**

*Operation Tests*

Common Group TOUCH-TONE®

Calling Equipment with Crossbar Link Access Private Branch

Exchange 540-702-502

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

*Operation Tests*

758A Private Branch Exchange 551-414-500

758C Private Branch Exchange 551-534-500

**LINE STATUS INDICATOR**

*Identification*

*Installation*

*Maintenance*

24A-Type 463-210-101

**LINE SWITCHES**

Telephone Set Components

*Connections*

*Identification*

*Installation*

*Maintenance*

Customer-Owned Enclosures 501-420-101

**SECTION 460-000-006**

<b>LINE SWITCHES AND MASTER SWITCHES</b>			
<i>Operation Tests</i>			
700C (Dial Equipment) Private Branch Exchange	541-003-591		
710C (Dial Equipment) Private Branch Exchange	541-003-591		
<b>LINE TELEPHONE SERVICE; PRIVATE—SEE PRIVATE LINE TELEPHONE SERVICE</b>			
<b>LINE TELEPHONE; DESIGN—SEE DESIGN LINE TELEPHONE</b>			
<b>LINE TERMINATING CIRCUIT; PRIVATE—SEE PRIVATE LINE TERMINATING CIRCUIT</b>			
<b>LINE TERMINATION; PRIVATE—SEE PRIVATE LINE TERMINATION</b>			
<b>LINE UNIT (J59023G); SECRETARIAL—SEE SECRETARIAL LINE UNIT (J59023G)</b>			
<b>LINE VERIFICATION; SUBSCRIBER—SEE SUBSCRIBER LINE VERIFICATION</b>			
<b>LINE WIRE; MULTIPLE—SEE MULTIPLE LINE WIRE</b>			
<b>LINE, LINK, AND MARKER CIRCUIT</b>			
<i>Circuit Tests</i>			
756A Private Branch Exchange	551-170-501		
<b>LINE, LINK, AND MARKER CIRCUIT (SD-66733-01)</b>			
<i>Operation Tests</i>			
757A Private Branch Exchange	551-270-501		
<b>LINES (AUTOVON); ACCESS—SEE ACCESS LINES (AUTOVON)</b>			
<b>LINK ALLOTTER CIRCUITS; LINK AND—SEE LINK AND LINK ALLOTTER CIRCUITS</b>			
<b>LINK AND CONNECTOR CIRCUIT</b>			
<i>Operation Test</i>			
758C Switching System	551-567-500		
<b>LINK AND CONNECTOR CIRCUIT (SD-67041-01)</b>			
<i>Operation Tests</i>			
758C Private Branch Exchange	551-522-500		
<b>LINK AND CONNECTOR CIRCUIT (SD-67109-01)</b>			
<i>Operation Tests</i>			
758C Private Branch Exchange	551-522-500		
<b>LINK AND CONTROLLER CIRCUIT (SD-5E053-01); CROSSBAR—SEE CROSSBAR LINK AND CONTROLLER CIRCUIT (SD-5E053-01)</b>			
<b>LINK AND LINK ALLOTTER CIRCUITS</b>			
<i>Operation Tests</i>			
755A Private Branch Exchange	550-550-590		
<b>LINK AND SELECT MAGNET CONNECTOR CIRCUIT (SD-65913-01)</b>			
<i>Operation Tests</i>			
758A Private Branch Exchange	551-456-501		
758B Private Branch Exchange	551-456-501		
<b>LINK CIRCUITS</b>			
<i>Operation Tests</i>			
750A Private Branch Exchange	548-500-590		
<b>LINK, AND MARKER CIRCUIT (SD-66733-01); LINE,—SEE LINE, LINK, AND MARKER CIRCUIT (SD-66733-01)</b>			
<b>LINK, AND MARKER CIRCUIT; LINE,—SEE LINE, LINK, AND MARKER CIRCUIT</b>			
		<b>LINK, CONTROLLER, AND GATE CIRCUIT</b>	
		<i>Operation Tests Using Test Set (SD-65983-01, J53131AG)</i>	
		2A Automatic Call Distributing System	476-229-501
		<b>LINK, LOOP, AND CONTROLLER CIRCUIT (SD-66737-01); ATTENDANT—SEE ATTENDANT LINK, LOOP, AND CONTROLLER CIRCUIT (SD-66737-01)</b>	
		<b>LOAD DETECTION CIRCUIT</b>	
		<i>Description</i>	
		758C Switching System	551-560-100
		<i>Maintenance Procedures</i>	
		758C Switching System	551-560-300
		<i>Method of Operation</i>	
		758C Switching System	551-560-100
		<b>LOH (MUSIC ON HOLD, CORD TYPE PBX SWITCHBOARD)</b>	
		<i>Connections</i>	
		<i>Identification</i>	
		<i>Installation</i>	
		<i>Maintenance</i>	
		<i>Operation</i>	
		Voice Connecting Arrangement	IA463-331-105
		<b>LONG LINE CIRCUIT (SD-99545-01)</b>	
		<i>Operation Tests</i>	
		520-Type PBX Emergency Reporting System	473-218-661
		<b>LONG LINE CIRCUITS (CENTRAL OFFICE EQUIPMENT)</b>	
		<i>Tests</i>	
		520-Type PBX Emergency Reporting System	067-303-501
		<b>LOOP CARRIER SYSTEM; SUBSCRIBER—SEE SUBSCRIBER LOOP CARRIER SYSTEM</b>	
		<b>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)</b>	
		<b>LOOP CIRCUIT (SD-65830-01); ATTENDANT—SEE ATTENDANT LOOP CIRCUIT (SD-65830-01)</b>	
		<b>LOOP; WIRE—SEE WIRE LOOP</b>	
		<b>LOUDSPEAKER</b>	
		<i>Identification</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>Installation</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

**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
Telephone Set Components	
<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****(SD-66883-01)***Connections**Identification**Installation*

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

**LOUDSPEAKER PAGING TRUNK CIRCUIT****(SD-65747-01)***Operation Tests*

801A Private Branch Exchange	553-201-501
812A Private Branch Exchange	553-212-501

**LOUDSPEAKER SET***Connections**Identification**Installation**Maintenance*

106-Type	463-220-100
106-Type	463-220-100
107-Type (SPOKESMAN® Set)	463-221-100
106-Type	463-220-100
106-Type	463-220-100

**LVH (MUSIC ON HOLD, KEY TELEPHONE SYSTEMS)***Connections**Identification**Installation**Maintenance**Operation*

Voice Connecting Arrangement	IA463-311-105
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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

MACHINE BOLT; ANCHORS—SEE ANCHORS

MACHINE BOLT

MACHINES; RINGING—SEE RINGING

MACHINES

MAIN OPERATING BASE TURRET; SAC—SEE

SAC MAIN OPERATING BASE TURRET

MANHOLE ATMOSPHERE; TESTING—SEE

TESTING MANHOLE ATMOSPHERE

MANHOLE COVERS

*Removing and Replacing*

620-150-010

MANUAL AND DIAL SELECTED TIE TRUNK

CIRCUIT (SD-65823-01); TWO-WAY—SEE

TWO-WAY MANUAL AND DIAL SELECTED TIE

TRUNK CIRCUIT (SD-65823-01)

MANUAL EXTENSION LINES

*Circuit Tests*

## Relay Jack and Lamp

700C (Manual Switchboard)

Private Branch Exchange 541-004-659

**SECTION 460-000-006**

**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

**MULTIBUTTON ELECTRONIC TELEPHONE SETS (Cont)**

<b>MET Sets (Cont)</b>	
<i>General Description (Cont)</i>	
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 CONFERENCING</b>	
<i>Connections</i>	512-230-104
<i>Identification</i>	512-230-104
<i>Key Modification</i>	512-230-104
<i>Key Placement</i>	512-230-104
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<i>Clearances</i>	
Heavy Loading Area	462-500-017
Light Loading Area	462-500-015
Medium Loading Area	462-500-016
<b>MULTIPLE LINE WIRE</b>	
<i>Reference</i>	
Wire Terminal General	
Precautions	SB460-300-140
<b>MULTIPLE; WIRE—SEE WIRE MULTIPLE NETWORK</b>	
<i>Identification</i>	
4010-Type	501-135-100
4228-Type	501-135-100
425-Type	501-135-100
<i>Telephone Set Components</i>	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
Customer-Owned Enclosures	501-420-102
4159-Type	
<i>Description</i>	
<i>Installation</i>	
U1 Carrier System	462-275-201
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<b>NETWORK, 4010E</b>	
<i>For Telephone Sets</i>	
Radio Signal Suppression	SA500-150-100
<b>NETWORK, 4228D</b>	
<i>For Telephone Sets</i>	
Radio Signal Suppression	SA500-150-100
<b>NETWORK, 4228J</b>	
<i>For Telephone Sets</i>	
Radio Signal Suppression	SA500-150-100
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<i>For Telephone Sets</i>	
Radio Signal Suppression	SA500-150-100
<b>NIGHT CLOSING AND ALARM CIRCUIT (SD-65898-01)</b>	
<i>Operation Tests</i>	
701B Private Branch Exchange	540-515-501
<b>NIGHT SERVICE CIRCUIT (SD-65894-01)</b>	
<i>Operation Tests</i>	
701B Private Branch Exchange	540-514-501

**NIGHT SERVICE TRUNK (SD-65967-01)**

<i>Operation Tests</i>	
3A Automatic Call Distributing System	476-325-501
<b>NIGHT SERVICE TRUNK CIRCUIT</b>	
<i>Operation Tests Using Test Set (SD-65983-01, J53131AG L1 or L3)</i>	
2A Automatic Call Distributing System	476-247-501
<b>NIGHT SERVICE TRUNK CIRCUIT (SD-5E036-01)</b>	
<i>Operation Tests</i>	
No. 6A Order Turret	475-600-664
<b>NO-TEST CONNECTOR TRUNK CIRCUIT (SD-67064-01)</b>	
<i>Operation Tests</i>	
758C Private Branch Exchange	551-548-500
<b>NOISE LOCATIONS; APPARATUS FOR—SEE APPARATUS FOR NOISE LOCATIONS NOISE; INDUCTIVE —SEE INDUCTIVE NOISE;</b>	
<b>NONCOIN TELEPHONE SET</b>	
<i>Connection</i>	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
<i>Testing</i>	
F-60761	506-500-100
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<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	
<i>Installation Tests</i>	
<i>Service Options</i>	
812A Private Branch Exchange	553-212-203
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<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>	
<i>Operation Tests</i>	
520-Type PBX Emergency Reporting System	473-218-610
<b>NUMBER IDENTIFICATION (ANI) CIRCUIT (SD-1E505-01); AUTOMATIC—SEE AUTOMATIC NUMBER IDENTIFICATION (ANI) CIRCUIT (SD-1E505-01)</b>	
<b>NUMBER IDENTIFICATION (SD-1E505-01); AUTOMATIC—SEE AUTOMATIC NUMBER IDENTIFICATION (SD-1E505-01)</b>	
<b>NUMBER IDENTIFICATION CIRCUIT (SD-1E007-01); AUTOMATIC—SEE AUTOMATIC NUMBER IDENTIFICATION CIRCUIT (SD-1E007-01)</b>	
<b>NUMBERING; LETTERING AND—SEE LETTERING AND NUMBERING</b>	
<b>OFFICE CABLES; COAXIAL—SEE COAXIAL OFFICE CABLES</b>	

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<b>OFFICE FORCE ADMINISTRATIVE DATA SYSTEM (BOFADS); BUSINESS—SEE BUSINESS OFFICE FORCE ADMINISTRATIVE DATA SYSTEM (BOFADS)</b>	
<b>OFFICE TRUNK (2-WAY); CENTRAL—SEE CENTRAL OFFICE TRUNK (2-WAY)</b>	
<b>OFFICE TRUNK (2-WAY, SD-5E006-01); CENTRAL—SEE CENTRAL OFFICE TRUNK (2-WAY, SD-5E006-01)</b>	
<b>OFFICE TRUNK (2-WAY, SD-65850-01); CENTRAL—SEE CENTRAL OFFICE TRUNK (2-WAY, SD-65850-01)</b>	
<b>OFFICE TRUNK (2-WAY, SD-65895-01); CENTRAL—SEE CENTRAL OFFICE TRUNK (2-WAY, SD-65895-01)</b>	
<b>OFFICE TRUNK CIRCUITS (SD-99362-01, SD-98051-01); CENTRAL—SEE CENTRAL OFFICE TRUNK CIRCUITS (SD-99362-01, SD-98051-01)</b>	
<b>OFFICE TRUNKS AND TIE TRUNKS; CENTRAL—SEE CENTRAL OFFICE TRUNKS AND TIE TRUNKS</b>	
<b>OFFICE TRUNKS OUTGOING; CENTRAL—SEE CENTRAL OFFICE TRUNKS OUTGOING</b>	
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Step-By-Step	
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<i>Associated Parts</i>	028-360-821
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<b>OPERATORS TELEPHONE SET JACKS</b>	
<i>Cleaning Procedures</i>	069-388-801
<b>OPTION; AUTOVON—SEE AUTOVON OPTION</b>	
<b>ORDER TURRET</b>	
No. 1	
<i>Description</i>	475-200-100
<i>Installation</i>	475-200-200
<i>Supplies</i>	475-200-800
<i>Tests and Adjustments</i>	475-200-300
No. 2	
<i>Connections</i>	475-210-100
<i>Identification</i>	475-210-100
<i>Installation</i>	475-210-100
No. 2A	
<i>Connections</i>	475-210-100
<i>Identification</i>	475-210-100
<i>Installation</i>	475-210-100
No. 3	
<i>General Description</i>	475-300-110
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<i>Method of Tracing</i>	
Alarms	475-300-310
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Incoming Trunk Selector Control Circuit	475-300-665
Incoming Trunks	475-300-665
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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)	
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No. 4	
<i>Connections</i>	475-220-100
<i>Description</i>	475-220-100
<i>Installation</i>	475-220-100
No. 6A	
<i>Method of Tracing</i>	
Alarms	475-600-310
<i>Operation Tests</i>	
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
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Alarm and Common Group Circuit	475-600-500
<b>ORIGINATING REGISTERS</b>	
<i>Operation Tests</i>	
757A Private Branch Exchange	551-268-501
<b>OUTDOOR LOCATIONS; SELECTING—SEE SELECTING OUTDOOR LOCATIONS</b>	
<b>OUTGOING DIAL TRUNK CIRCUIT (SD-67051-01)</b>	
<i>Operation Tests</i>	
758C Private Branch Exchange	551-541-500
<b>OUTGOING TRUNK (TO TOLL OPERATOR)</b>	
<i>Operation Tests</i>	
757A Private Branch Exchange	551-292-501
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<i>Operation Tests</i>	
520-Type PBX Emergency Reporting System	067-302-503
<b>OUTPUTS TO TRAFFIC MEASUREMENT SYSTEM</b>	
<b>NO. 1A</b>	
<i>Operation Tests</i>	
812A Private Branch Exchange	553-212-500
<b>OUTSIDE PLANT</b>	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
<i>Material</i>	
<i>Removal</i>	
SLC-1 Subscriber Equipment	502-204-100
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<i>Operation Tests</i>	
No. 6A Order Turret	475-600-669
3A Automatic Call Distributing System	476-338-501
<b>OVERFLOW TRUNK CIRCUIT (SD-5E032-01)</b>	
<i>Operation Tests</i>	
3A Automatic Call Distributing System	476-339-501
<b>OVERFLOW TRUNK CIRCUIT (SD-5E033-01)</b>	
<i>Operation Tests</i>	
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 500-840-200

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 (SD-65747-01);****LOUDSPEAKER—SEE LOUDSPEAKER PAGING****TRUNK (SD-65747-01)****PAGING TRUNK (SD-66762-01);****LOUDSPEAKER—SEE LOUDSPEAKER PAGING****TRUNK (SD-66762-01)****PAGING TRUNK (SD-66883-01);****LOUDSPEAKER—SEE LOUDSPEAKER PAGING****TRUNK (SD-66883-01)****PAGING TRUNK CIRCUIT (SD-65747-01);****LOUDSPEAKER—SEE LOUDSPEAKER PAGING****TRUNK CIRCUIT (SD-65747-01)****PAGING TRUNK; LOUDSPEAKER—SEE****LOUDSPEAKER PAGING TRUNK****PANEL TELEPHONE***Reference*

1750A, B Single Line Telephone Set 502-706-100

1751-Type Two Line-1 Button Telephone Set 502-706-101

1752-Type Multiline Telephone Set 502-706-102

1753-Type Two Line-1 Button Telephone Set 502-706-103

2750-Type Single Line Telephone Set 502-707-100

2751-Type Two Line-1 Button Telephone Set 502-707-101

2752-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

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**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-5E000-01)**

*Operational Tests*

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

<i>Tests and Inspections</i>	534-360-630
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**PBX RANGE CHARTS**

<i>No. 1 Crossbar Central Office</i>	
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
<i>No. 1 ESS Central Offices</i>	
1500-Ohm Subscriber Conductor Loop and 388-Ohm Talking Battery-Feed Circuit	534-362-160
<i>No. 5 Crossbar Central Office</i>	
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
<i>Panel Central Office</i>	
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
<i>Step-by-Step Line Finder Central Office</i>	
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
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**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
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**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
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600 Series	
Key Telephone Unit	518-800-105

650A	
Key Service Unit	518-800-115

*Installation*

J53051A	
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**PICTUREPHONE® SERVICE (Cont)**

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

*Operation Tests*

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NETWORK (COPAN)**

**POST CAP; BINDING—SEE BINDING POST  
CAP**

**POST CUTTER; BINDING—SEE BINDING POST  
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701B Private Branch Exchange 542-010-503

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PANELS**

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Charging without Charge  
Control Relay 167-410-301

*Connections*

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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  
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*Identification*

J86495A 167-485-201  
J86495B and D with Battery  
Reserve 167-485-202  
Model X10TFR3SUY (115) 167-450-201  
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 167-485-202  
Model X10TFR3SUY (115) 167-450-201  
101A (J59010C) 167-410-200  
101A (J59010F) 167-410-201  
101E (J86566A) 167-414-201  
101E (J86566B) 167-414-202  
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**POWER PLANT (Cont)**

*Installation (Cont)*

101G (J86731) KA167-416-201  
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101K (J86897A) 167-420-201

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J29361D-1 167-482-301  
J86463A  
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J86464 PA167-480-301  
J86808 PA167-486-301  
J86812 167-494-301  
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J86878A PA167-497-301  
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105E (J86814) PA167-210-302  
110A (J86572) PA167-215-301  
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*Operating Methods*

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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-5E039-01);**

**AUXILIARY—SEE AUXILIARY POWER SUPPLY  
(SD-5E039-01)**

**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-19352L4	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

*Maintenance*

19-Type	KA167-440-201
20-Type	KA167-440-201
83A	167-458-105

*Operating Methods*

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***Identification*

167-400-210

*Installation*

167-400-210

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

758C Private Branch Exchange	551-526-500
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**PREEMPTION AND CONTINUITY TEST TRUNK (SD-67054-01)***Operation Tests*

758C Private Branch Exchange	551-540-500
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For Customer Provided PBX or Stations	480-611-100
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**PREMISES SYSTEM; CUSTOMER—SEE CUSTOMER****PREMISES SYSTEM****PREWIRING***Connecting Services*

High Rise Apartment Buildings	461-310-401
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*Identification*

High Rise Apartment Buildings	461-310-101
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*Installation*

High Rise Apartment Buildings	461-310-201
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**PRIMARY CRASH ALARM SYSTEM (CRASH PHONES)***General Description*

981-282-100

**PRINCESS® TELEPHONE***Reference*

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1702D	
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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	
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Single Line Telephone Set	502-703-103
Two Line-1 Button Telephone Set	502-703-103

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**PRINCESS® TELEPHONE (Cont)**

*Reference (Cont)*

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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

*Service*

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
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Single Line Telephone Set	SA502-727-402
711B	
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**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)*

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DIMENSION® Custom PBX

*Preinstallation and Planning Information*

DIMENSION® Custom PBX	554-111-101
DIMENSION® 2000	554-111-101

DIMENSION® PBX

DIMENSION® PBX	554-010-122
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Features	554-191-140

*Attendant Console*

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Features	554-191-112

*Automatic Callback - Calling*

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Features	554-191-119

*Call Hold*

DIMENSION® Features	554-191-128
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*Code Calling Access*

DIMENSION® Features	554-191-135
Features	554-191-135

*Code Restriction*

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*Common Audible Ringing*

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Features	554-191-140

*Description*

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*Direct Station Selection With Busy*

*Lamp Field*

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*Distinctive Ringing*

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*Installation*

DIMENSION® PBX	554-010-102
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*Journal Printers Feature*

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**PRIVATE BRANCH EXCHANGE (Cont)****DIMENSION® PBX (Cont)**

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Customer Telephone Service	554-010-113
DIMENSION® PBX	554-010-113
<i>System Description</i>	
Customer Telephone Service	554-010-110
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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
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DIMENSION® Features	554-191-137
Features	554-191-137
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ED-1E267	534-367-201
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**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

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*Installation*

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*General Description* 981-560-100

*In-Service Tests*

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*Installation*

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

701A (Cont)	
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**PRIVATE BRANCH EXCHANGE (Cont)**

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*Operation Tests (Cont)*  
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*Operation Tests Using Test Set  
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*Operation Tests Using Test Set  
 (SD-90416-01, J94704A)*  
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*Pulsing Tests Using Pulsing Test  
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*Restricted Service Tests*  
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*Rotary and C Relay Timing Tests  
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*Rotary Test Using Dial Hand Test  
 Set*  
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701PK

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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
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*Rotary and C Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)*  
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*Rotary Test Using Dial Hand Test Set*  
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*Rotary Test Using 40C Test Set* 540-140-505

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*B Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)*  
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*B, C, and E Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)*  
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*Continuity and Polarity Tests from Selector Levels*  
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*Correction of Pulsing Failures Using Pulsing Test Set (SD-31481-01, J34717A)*  
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*Cut-In and Release Tests Using Dial Hand Test Set*  
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*Method of Taking Out of Service Equipment and Circuits* 540-105-301

*Operation Tests*  
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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)**

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*Identification (Cont)*

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Loudspeaker Paging Trunk (SD-66762-01)	551-234-214
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608A Switchboard	538-081-215
608D Switchboard	538-085-215
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757A (Cont)

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43-Type  
Telephone Console (Multiple) 551-260-303

53-Type  
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1-Type  
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Equipment	551-702-210
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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

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Link Access TOUCH-TONE®  
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608D Switchboard 538-085-215

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Interface Trunk Circuit

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Link Access TOUCH-TONE®  
Calling

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Link Access TOUCH-TONE® Calling	
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Centralized Attendant Service (CAS)	553-212-204
Nonplug-In Miscellaneous Feature Equipment	553-212-203

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**PRIVATE BRANCH EXCHANGE B**

812A	
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**PRIVATE BRANCH EXCHANGE, 520-TYPE—SEE  
EMERGENCY REPORTING SYSTEM****PRIVATE LINE AUXILIARY CIRCUIT**

(POWERED FROM CO)	
4-Wire	
<i>Connections</i>	
<i>Identification</i>	
<i>Tests</i>	
SD-69902-01	480-010-100

**PRIVATE LINE TELEPHONE SERVICE**

<i>Connections</i>	
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**PRIVATE LINE TELEPHONE SERVICE (Cont)**

<i>Connections (Cont)</i>	
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SS-4 Selective Signaling System	480-623-001
2-Digit TOUCH-TONE® Set to Dial Pulse Conversion Equipment	
SS-1 Selective Signaling System	480-621-202
SS-1A Selective Signaling System	480-621-202
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SS-1 Selective Signaling System	480-621-502
SS-1A Selective Signaling System	480-622-502
2-Digit TOUCH-TONE® Set to Dial Pulse Conversion Equipment	
SS-1 Selective Signaling System	480-621-503
SS-1A Selective Signaling System	480-621-503
<i>General Description</i>	
SS-1 Selective Signaling System	982-325-100
SS-1A Selective Signaling System	982-326-100
<i>General Descriptive Information</i>	
SS-4 Selective Signaling System	982-329-100
<i>Identification</i>	
SS-1 Selective Signaling System	480-621-200
SS-1A Selective Signaling System	480-622-200
SS-3 (TOUCH-TONE® Service) Selective Signaling System	480-625-210
SS-4 Selective Signaling System	480-623-001
2-Digit TOUCH-TONE® Set to Dial Pulse Conversion Equipment	
SS-1 Selective Signaling System	480-621-202
SS-1A Selective Signaling System	480-621-202
<i>Installation</i>	
SS-1 Selective Signaling System	480-621-200
SS-1A Selective Signaling System	480-622-200
SS-3 (TOUCH-TONE® Service) Selective Signaling System	480-625-210
SS-4 Selective Signaling System	480-623-001
2-Digit TOUCH-TONE® Set to Dial Pulse Conversion Equipment	
SS-1 Selective Signaling System	480-621-202
SS-1A Selective Signaling System	480-621-202

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**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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PBX 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
-----	---------------

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
<i>Maintenance</i>	
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

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**PROTECTIVE CONNECTING ARRANGEMENT (Cont)**

Protective Connecting Arrangement (Cont)

*Operation (Cont)*

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)

*Connections  
Identification  
Installation  
Maintenance  
Operation*

RCZ	IA463-340-120
RC1	IA463-340-120
RTT	IA463-340-120
4-Wire Service	IA463-340-120

**PROTECTOR**

116-Type

*Installation* 624-300-200

**PROTECTOR GUARD**

KS-14539 SB460-110-100

**PUBLIC PHONE SIGN**

Illuminated Type CB508-810-202

**PUBLIC TELEPHONE**

Drive-Up, Walk-Up

*Identification*

*Installation*

*Maintenance*

Mounting, KS-16705 508-450-100

Walk-Up

*Identification*

*Installation*

*Maintenance*

Mounting, KS-20842

Sentry\* CB508-452-100

\*Trademark of Western

Electric

Walk-Up, Drive-Up

*Identification*

*Installation*

*Maintenance*

Mounting, KS-19426 CB508-451-100

**PULSE CONVERTER CIRCUIT (SD-67016-01);**

**DIAL—SEE DIAL PULSE CONVERTER CIRCUIT (SD-67016-01)**

**PULSE REGISTER CIRCUIT; DIAL—SEE DIAL**

**PULSE REGISTER CIRCUIT**

**PULSING TESTS**

*Installation*

*Maintenance*

800A (Electronic-Type) Private Branch Exchange 553-010-310

801A (Electronic-Type) Private Branch Exchange 553-010-310

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

**TERMINALS PUNCHED- OR WIRE-TYPE**

**PVF (USING 114A IU)**

*Connection*

*Identification*

*Installation*

*Maintenance*

*Method of Operation*

PICTUREPHONE Connecting Arrangement

463-390-100

**QKP**

*Connections*

*Identification*

*Installation*

*Maintenance*

*Operation*

Voice Connecting Arrangement

463-311-109

**QKT (USING 30-TYPE VOICE COUPLER)**

*Connections*

*Identification*

*Installation*

*Maintenance*

*Operation*

Voice Connecting Arrangement

IA463-311-100

**QKTBT (USING 30-TYPE VOICE COUPLER)**

*Connections*

*Identification*

*Installation*

*Maintenance*

*Operation*

Voice Connecting Arrangement

IA463-311-100

**RACEWAYS**

*General*

461-300-100

*Identification*

461-300-102

*Installation*

461-300-102

**RADIO FREQUENCY INTERFERENCE**

*For Telephone Sets*

Radio Signal Suppression

SA500-150-100

**RADIO SIGNAL SUPPRESSION**

*For Telephone Sets*

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

**RANGE CHARTS; PBX—SEE PBX RANGE**

**CHARTS**

**RANGE EXTENDER; RINGING—SEE RINGING**

**RANGE EXTENDER**

**RCX (USING 117A IU)**

*Connections*

*Identification*

*Installation*

*Maintenance*

*Operation*

Protective Connecting

Arrangement

IB463-382-100

**RCZ**

*Connections*

*Identification*

<b>RCZ (Cont)</b>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
Recorder Connector (KS-19645)			
Protective Connecting Arrangement	IA463-340-120		
<b>RC1</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
Recorder Connector (KS-19645)			
Protective Connecting Arrangement	IA463-340-120		
<b>RDL</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
Voice Connecting Arrangement	IA463-340-111		
<b>RDL (KS-19522 RECORDER COUPLER)</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
Voice Connecting Arrangement	IA463-340-110		
<b>RDM</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
Voice Connecting Arrangement	IA463-340-111		
<b>RDM (KS-19522 RECORDER COUPLER)</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
Voice Connecting Arrangement	IA463-340-110		
<b>RDMZR (USING KS-20721 STATION COUPLER)</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
Protective Connecting Arrangement	IA463-340-101		
<b>RDY (USING KS-20721 STATION COUPLER)</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
Protective Connecting Arrangement	IA463-340-101		
<b>READER (KS-13835 AMA)</b>			
<i>Replacing</i>			
Contacts	069-310-802		
<b>READER (KS-13835 AMA)</b>			
Contacts Replacement	069-310-804		
<b>READERS</b>			
<i>Procedures for Cleaning</i>			
KS-13835		069-370-801	
<b>RECEIVER</b>			
<i>Identification</i>			
730A			
1A Home Interphone System		512-510-100	
<i>Installation</i>			
730A			
1A Home Interphone System		512-510-200	
<i>Maintenance</i>			
730A			
1A Home Interphone System		512-510-200	
<i>Operation</i>			
730A			
1A Home Interphone System		512-510-100	
<b>RECEIVER (SD-67027-01 OR SD-98148-01); TOUCH-TONE® CALLING—SEE TOUCH-TONE® CALLING RECEIVER (SD-67027-01 OR SD-98148-01)</b>			
<b>RECEIVER HOLDERS</b>			
<i>Selection</i>		501-220-100	
<b>RECEIVER UNITS</b>			
<i>Selection</i>		501-220-100	
<b>RECEIVERS</b>			
<i>Selection</i>		501-220-100	
<b>RECORDED TELEPHONE DICTATION TRUNK</b>			
<i>General Description</i>			
For use with Dial-type PBXs at Centrex Stations		951-905-100	
<i>Installation</i>			
SD-65728-01		473-130-201	
SD-65788-01		473-130-201	
<i>Operation Tests</i>			
SD-65728-01		473-130-501	
SD-65788-01		473-130-501	
<b>RECORDED TELEPHONE DICTATION TRUNK CIRCUIT</b>			
PBX and Key Telephone Applications			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
DCT		IA463-332-110	
<b>RECORDER CONNECTORS</b>			
<i>Connections</i>			
50-Type Associated with KS-16730L1		463-230-400	
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SS-3 (TOUCH-TONE® Service)	
<i>Connections</i>	
Private Line Telephone Service	480-625-210
<i>General Description</i>	982-328-100
<i>Identification</i>	
Private Line Telephone Service	480-625-210
<i>Installation</i>	
Private Line Telephone Service	480-625-210
<i>Maintenance</i>	
Private Line Telephone Service	480-625-210
<i>Operational Tests</i>	
Private Line Telephone Service	480-625-210
SS-4	
<i>Connections</i>	
Private Line Telephone Service	480-623-001
<i>General Descriptive Information</i>	
Private Line Telephone Service	982-329-100
<i>Identification</i>	
Private Line Telephone Service	480-623-001
<i>Installation</i>	
Private Line Telephone Service	480-623-001

**SELECTIVE SIGNALING SYSTEM (Cont)**

SS-4 (Cont)	
<i>Maintenance</i>	
Private Line Telephone Service	480-623-002
<b>SELECTIVE SWITCHING SYSTEM</b>	
SS-3	
<i>General Description</i>	
Order Wire	982-329-110
<b>SELECTOR AND DIAL REPEATING TIE TRUNK; INCOMING—SEE INCOMING SELECTOR AND DIAL REPEATING TIE TRUNK</b>	
<b>SELECTOR BANK CONTACTS</b>	
<i>Cleaning and Treating</i>	
Associated Wipers	
Telegraph and Toll Equipments	069-331-801
204-Type	
Telegraph and Toll Equipments	069-331-801
<b>SELECTOR CONSOLES</b>	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
1A1-Type	504-110-101
1A2-Type	504-110-101
<b>SELECTOR-CONNECTOR (SD-65721-01)</b>	
<i>Restricted Service Tests</i>	
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
<b>SELECTOR-CONNECTORS</b>	
<i>Operation Tests Using Dial Hand Test Set</i>	
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
<i>Operation Tests Using Test Set (SD-66073-01, J54701B or SD-90416-01, J94704A)</i>	
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
<b>SELECTOR-CONNECTORS; CONNECTORS AND—SEE CONNECTORS AND SELECTOR-CONNECTORS</b>	
<b>SELECTOR-CONNECTORS; SELECTORS AND—SEE SELECTORS AND SELECTOR-CONNECTORS</b>	
<b>SELECTORS</b>	
<i>B Relay Timing Tests Using Relay Timing Test Set (SD-90418-01, J94713A)</i>	
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

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**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

*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

**SELECTORS AND CONNECTORS**

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

702A Private Branch Exchange 543-020-655

**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

**SEMPUBLIC EXTENSION TELEPHONE**

*General*

Coin Telephone Stations CA506-100-108

**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

## 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

SIGNALING 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

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**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  
1662-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

*Installation*

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

*Maintenance*

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

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**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	
Telephone Set	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	
Telephone Set	512-620-474
712B, BM	
Telephone Set	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
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**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	SD512-730-400
Telephone Set	SD512-730-400
634-Type	
CALL DIRECTOR® Telephone	SD512-730-400
Telephone Set	SD512-730-400
635-Type	
CALL DIRECTOR® Telephone	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

*Identification*

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

*Installation*

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

*Maintenance*

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

*Operation*

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

**SPECIAL SAFEGUARDING MEASURES (SSM)** SB460-110-100

**SPECIAL SERVICE LINES***Protection**Termination*

DC Telegraph and Radio Program	
Loops	460-110-101

**SPECIAL SERVICE PROTECTION (SSP)** SB460-110-100

**SPLIT GATE FINDER CIRCUIT****(SD-5E035-01)***Operation Tests*

3A Automatic Call Distributing System	476-313-501
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**SPLIT GATE GROUP CIRCUIT****(SD-5E050-01)***Operation Tests*

3A Automatic Call Distributing System	476-313-501
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**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	KA463-140-100
Floor Per ED-91296-70	KA463-140-100
Metal Per ED-95023-70	KA463-140-100

**STANDARD WARNING DEVICES***Description*

Outside Plant Guarding Work Areas	620-135-010
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*Description and Use*

Outside Plant Guarding Work Areas	620-135-100
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**STAPLER***General*

D	080-110-101
E	080-110-104
Heller Model TMN	080-110-102
Markwell L3T	080-110-103

**STAPLES***General*

	080-720-109
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**STATION ACCESS CIRCUIT (SD-66885-01)***Operation Tests*

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

700-Type Modular	512-270-200
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*Identification*

700-Type Modular	512-270-100
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*Installation*

700-Type Modular	512-270-200
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*Maintenance*

700-Type Modular	512-270-300
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**STATION CONTROLLED DIAL CONFERENCE****TRUNK CIRCUIT***Operation Tests*

756A Private Branch Exchange	551-177-501
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**SECTION 460-000-006**

<b>STATION DIAL TRANSFER CONTROLLER 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>		
Key Telephone Unit		
<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	
<b>STATION NUMBER CARDS AND HOLDERS</b>	501-150-100	
<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	



**STATION SET; TELEPHONE—SEE TELEPHONE****STATION SET****STATION SETS**

Battery Supply Filter 510-100-180  
Common Battery

*Reference*

Selecting Outdoor Locations SA502-120-202  
Local Battery  
Selection for General Use 510-100-100

**STATION SETS AND APPARATUS FOR SPECIAL APPLICATIONS**

Selection 500-124-180

**STATION SIGNALING; VOICE—SEE VOICE****STATION SIGNALING****STATION TRANSFORMER***Identification*

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

**STATION UNIT; MODULAR—SEE MODULAR****STATION UNIT****STATION WIRE AND ASSOCIATED APPARATUS***Identification**Installation*

B Station Wire SB461-200-206

**STATION WIRE AND CABLE***Attaching and Fastening*

SB461-200-210

**STATION WIRE CLAMP***General*

B 080-720-148

**STATION WIRE NAIL***General*

B 080-720-107

**STATION WIRE; B—SEE B STATION WIRE****STATION; COIN—SEE COIN STATION****STATIONARY SLEEVE***Piece-Part Data and Replacement**Procedures*

075-120-801

*Requirements and Adjusting**Procedures*

075-120-701

**STATUS INDICATOR; LINE—SEE LINE STATUS INDICATOR****STC (USING KS-20721 STATION COUPLER)***Connections**Identification**Installation**Maintenance**Operation*

Voice Connecting Arrangement IA463-340-103

**STEP; POLE—SEE POLE STEP****STP (USING 120-TYPE IU)***Identification**Installation**Maintenance**Operation*

Interconnecting Unit Protective  
Connecting Arrangement IA463-341-101

**STRAND-MOUNTED**

## Wire Terminals

## Drop and Block Wiring

## General Precautions

SB460-300-145

**STRAP; SAFETY—SEE SAFETY STRAP****STRAPS***Method of Placing*

069-133-801

**STRIPPER; BRAID—SEE BRAID STRIPPER****STRIPPER; CABLE—SEE CABLE STRIPPER****STRIPS AND CARDS; DESIGNATION —SEE****DESIGNATION STRIPS AND CARDS;****STRIPS; DESIGNATION—SEE DESIGNATION****STRIPS****STS (USING KS-20721 STATION COUPLER)***Connections**Identification**Installation**Maintenance**Operation*

## Protective Connecting

## Arrangement

IA463-340-102

**STUD DRIVER; B—SEE B STUD DRIVER****STUD-TYPE SWITCH***Procedures for Cleaning and**Treatment*

069-321-801

**SUB-CYCLE RINGING GENERATOR***Connections**Identification**Installation*

## KS-20392

163-321-101

**SUBSCRIBER EQUIPMENT**

## SLC-1

*Identification**Installation**Maintenance**Material**Removal*

## Outside Plant

502-204-100

**SUBSCRIBER LINE VERIFICATION***Automatic Number Announcement**Circuit*

460-300-102

**SUBSCRIBER LOOP CARRIER SYSTEM**

## U-1 Carrier

*General Description*

## Central Office Plug-In Unit

970-170-100

## Subscriber Set 700-Type

970-170-100

## U1 Carrier

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

## 700-Type

## Subscriber Set

502-203-100

**SUBSCRIBER SET**

## Magneto

*Connections*

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

**SECTION 460-000-006**

**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		CA506-215-402
Used with Coin Collectors		
684CL		CA506-215-402
Used with Coin Collectors		502-200-404
685A		CA506-215-403
Used with Coin Collectors		
685B		CA506-215-404
Used with Coin Collectors		502-200-405
685C		502-200-406
686A		502-210-400
687A		502-200-407
687D		502-200-408
688-Type		502-200-410
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)			
<i>Maintenance</i>			
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>			
<i>Operation Tests</i>			
2A Automatic Call Distributing			
System	476-227-501		
3A Automatic Call Distributing			
System	476-309-501		
<b>SUPERVISORY DEVICE LINE CIRCUIT</b>			
<i>Operation Tests</i>			
520-Type PBX Emergency			
Reporting System	473-218-660		
<b>SUPPLEMENTARY MODULES; BASIC AND—SEE</b>			
<b>    BASIC AND SUPPLEMENTARY MODULES</b>			
<b>SUPPLY; POWER—SEE POWER SUPPLY</b>			
<b>SUPPLY; RINGING—SEE RINGING SUPPLY</b>			
<b>SUPPORT CLIP</b>			
<i>Identification</i>			
B	080-720-152		
<b>SUPPORT; INSULATOR—SEE INSULATOR</b>			
<b>    SUPPORT</b>			
<b>SUPPORT; LADDER—SEE LADDER SUPPORT</b>			
<b>SUPPRESSION AND ANTI-SING CIRCUIT;</b>			
<b>    ECHO—SEE ECHO SUPPRESSION AND ANTI-SING</b>			
<b>    CIRCUIT</b>			
<b>SUT</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Operation</i>			
Protective Connecting			
Arrangement	463-331-106		
<b>SU3 (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>SU4 (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>SU6 (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>SU6AQ (USING KS-20721 STATION</b>			
<b>    COUPLER)</b>			
<i>Connections</i>			
<b>SU6AQ (USING KS-20721 STATION (Cont)</b>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
Protective Connecting			
Arrangement	IA463-340-102		
<b>SU7 (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>SU7QW (USING KS-20721 VOICE COUPLER)</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
Protective Connecting			
Arrangement	IA463-340-104		
<b>SWITCH</b>			
Out Trunk			
<i>Procedures for Cleaning and</i>			
<i>Treating Bank Contacts</i>	069-502-801		
Plunger-Type			
<i>Procedures for Cleaning and</i>			
<i>Treating Bank Contacts</i>	069-502-801		
Primary and Secondary Line			
<i>Procedures for Cleaning and</i>			
<i>Treating Bank Contacts</i>	069-502-801		
Switch			
<i>Connections</i>			
Foot, KS-16821	463-245-100		
<i>Identification</i>			
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		
<i>Installation</i>			
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		
<i>Maintenance</i>			
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>			
<i>Replacing</i>			
Contacts	069-310-802		
Contacts Replacement	069-310-804		

**SECTION 460-000-006**

**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 SetNo. 101 Electronic Switching  
System

240-263-501

**SECTION 460-000-006**

**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
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4A

*Audit Procedures*

No. 101 Electronic Switching System	240-270-101
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*Connections*

No. 101 Electronic Switching System	240-265-201
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*Description of System Operation*

No. 101 Electronic Switching System	240-101-104
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*General Guide to Trouble Analysis*

No. 101 Electronic Switching System	240-270-301
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*Identification*

No. 101 Electronic Switching System	240-265-201
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*Installation*

No. 101 Electronic Switching System	240-265-201
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*Manual Tests*

No. 101 Electronic Switching System	240-271-501
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**SWITCH UNIT (Cont)**

4A (Cont)

*Service Options*

No. 101 Electronic Switching System	240-265-201
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*Tests and Inspections at Time of Installation*

No. 101 Electronic Switching System	240-269-201
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*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
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*Cured by Grand Slam using 131A Test Set*

No. 101 Electronic Switching System	240-263-501
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*Digit Trunk Test using 131A Test Set*

No. 101 Electronic Switching System	240-263-512
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*During 24-Hour Maintenance using 131A Test Set*

No. 101 Electronic Switching System	240-263-510
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*Force Off-Hook Test*

No. 101 Electronic Switching System	240-263-505
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*Group Translator Test*

No. 101 Electronic Switching System	240-263-506
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*Immediate or Interrupted Ring Test*

No. 101 Electronic Switching System	240-263-507
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*Intergroup Switch Test using 131A Test Set*

No. 101 Electronic Switching System	240-263-511
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*Resulting in a Scanner Switch using 131A Test Set*

No. 101 Electronic Switching System	240-263-502
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*Synch Test using 131A Test Set*

No. 101 Electronic Switching System	240-263-513
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*Transmission Test*

No. 101 Electronic Switching System	240-263-508
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**SWITCH UNIT**

J1H011A

*Connections*

No. 101 Electronic Switching System	240-202-201
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**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) 534-420-510*Operation 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 538-080-512*Operation Tests Using PBX Cord  
Circuit Test Set (SD-66484-01,  
J54703A)*

608B PBX

Cord Circuit (SD-65832-01) 538-082-524  
Position Circuit  
(SD-65833-01) 538-082-524

608D

Cord Circuit (SD-67035-01) 538-086-524  
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

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**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
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**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
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**SWITCHBOARD EQUIPMENT**

*General Cleaning*

	069-379-801
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**SWITCHBOARD PLUGS**

*Cleaning using the 497A or 497B Tool*

	069-380-813
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**SWITCHED DIGITAL DATA SYSTEM**

*Description*

758C Switching System	551-566-305
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758C Switching System	551-568-300
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*General Description*

758C Switching System	981-664-101
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*Maintenance Procedures*

758C Switching System	551-560-300
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*Method of Operation*

758C Switching System	551-563-305
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758C Switching System	551-566-305
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758C Switching System	551-568-300
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*Operation Test*

758C Switching System	551-563-500
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758C Switching System	551-561-500
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758C Switching System	551-566-502
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758C Switching System	551-564-500
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758C Switching System	551-569-500
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*Operational Test*

758C Switching System	551-566-500
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**SWITCHES**

*Cleaning Requirements and Procedures*

197-Type	069-501-801
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198-Type	069-501-801
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*Soldering Strap Wires*

300 and Similar Type	069-141-811
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**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
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761B Private Branch Exchange	551-720-210
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770A Private Branch Exchange	551-770-200
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800A (Customer Package) Private	
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Branch Exchange	553-100-211
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800A Private Branch Exchange	553-100-210
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**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

*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
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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**Portable Test Set with Dial Pulse Counter*

480-710-501

*Position Equipment Identification*

480-710-100

*Sequence Charts**Land Line Operation*

480-710-400

*Radio Line Operation*

480-710-401

301

*General Description*

981-204-100

*Method of Operation*

480-709-301

301A

*General Description*

981-204-105

*Line-Up and Overall Tests*

480-708-501

*Method of Operation*

480-708-301

302

*General Description*

981-204-106

*Inspections*

480-707-501

*Line-up*

480-707-501

*Method of Operation*

480-707-301

*Tests*

480-707-501

304

*General Description*

981-206-100

*Overall Tests*

480-711-500

305

*General Description*

981-207-100

*For BUIC Phase-III Operation*

981-207-101

*Training and Simulation*

981-207-102

306

*Connections**Residence Station Apparatus**Command Post Alerting**Network (COPAN)*

480-713-100

*Description**AUTOVON Access Line Sharing**Circuit*

480-713-501

*General Description*

981-208-100

*Identification**Residence Station Apparatus**Command Post Alerting**Network (COPAN)*

480-713-100

*Installation**Residence Station Apparatus**Command Post Alerting**Network (COPAN)*

480-713-100

*Line-Up and Overall Tests*

480-713-500

*Lineup**AUTOVON Access Line Sharing**Circuit*

480-713-501

*Method of Operation**Console*

480-713-301

*Turret*

480-713-301

*Testing**AUTOVON Access Line Sharing**Circuit*

480-713-501

307

*Description**Telephone Set, 2626A1*

480-714-105

*Alarm Circuit Unit*

480-714-106

*Dual Access Switch**J53037C*

480-714-104

*Line Circuit Transfer Unit**J53037B*

480-714-102

*J53037F*

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

*General Description* 981-209-100

*Installation* 480-714-200

*Maintenance Tests*

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

*Out-of-Service Test Procedures*

High-Speed Send/Receive Station 480-714-501

*Station Test Procedures* 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

*General Description*

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* 480-716-501

*Installation*

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*

*Installation*

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

*General Description* 981-211-100

*Line-Up and Overall Tests* 480-717-500

*Method of Operation* 480-717-300

400

*General Description* 981-224-100

*Identification* 518-710-100

*Installation* 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

*Operating Methods*

Call Progress Indicator Set 518-710-506

*Operation Tests*

Alarm Circuit 518-710-500

Busy-Tone Trunk 518-710-505

Dial Pulse Register Circuits 518-710-504

Junction 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

*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

*Operation Tests*

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

*Maintenance Procedures*

Billing Information Transmitter (BIT) 551-560-300

**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
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*Operation Test*

Digital Register-Sender	551-563-500
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 201S; CUSTOMER—SEE CUSTOMER SWITCHING SYSTEM 201S**

**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 TABLES; DESKS AND—SEE DESKS AND TABLES**

**TAS**

*Connections*

*Identification*

*Installation*

*Maintenance*

*Operation*

Protective Connecting Arrangement	463-350-110
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**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
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**TELEPHONE ANSWERING SET**

Base Heater

*Identification*

*Installation*

*Maintenance*

KS-14782	514-114-100
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**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
1A A	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
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*Tests and Adjustments*

Tone Signaling Circuit SD-99556-01 (J59202) For Use With Line Concentrator-Identifier System	473-500-501
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*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*

981-240-100
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*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
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*Operation Tests*

473-609-501
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**TELEPHONE ANSWERING SYSTEM (Cont)**

## 1A (Cont)

*Service Options*

Equipment Cabinet	473-609-201
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## 100A

<i>Connections</i>	473-675-201
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<i>Identification</i>	473-675-201
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<i>Installation</i>	473-675-201
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<i>Maintenance</i>	473-675-201
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<i>Operation</i>	473-675-201
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**TELEPHONE APPARATUS AND MATERIALS**

Color	500-120-100
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**TELEPHONE APPARATUS FOR IMPAIRED****HEARING, SPEECH, SIGHT**

<i>Selection</i>	500-128-180
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**TELEPHONE BASE**

<i>Connections</i>	
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AL1	502-330-100
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<i>Identification</i>	
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AL1	502-330-100
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<i>Installation</i>	
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AL1	502-330-100
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<i>Maintenance</i>	
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AL1	502-330-100
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*Reference*

AC-Type (Used With 220-, 226-, 2220-, and 2226-Type Hand Telephone Set)	502-303-101
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AD-Type (Used With 220-, 226-, 2220-, and 2226-Type Hand Telephone Set)	502-303-101
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<i>Service</i>	
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AC-Type (Used with 220-, 226-, 2220-, and 2226-Type Hand Telephone Set)	SA502-322-400
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AD-Type (Used with 220-, 226-, 2220-, and 2226-Type Hand Telephone Set)	SA502-322-400
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	SA502-322-400
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**TELEPHONE CONSOLE***Connections*

14-Type	
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800A Private Branch Exchange	553-103-210
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15-Type	
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800A Private Branch Exchange	553-103-210
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16-Type	
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800A Private Branch Exchange	553-103-210
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22-Type	
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756A Private Branch Exchange	551-115-210
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23-Type	
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757A Private Branch Exchange	551-210-210
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3-Type	
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756A Private Branch Exchange	551-115-210
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32-Type	
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756A Private Branch Exchange	551-117-210
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4-Type	
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756A Private Branch Exchange	551-117-210
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**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 540-107-302*Method 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 540-576-302*Method 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

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**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

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)	
<i>Installation (Cont)</i>	
2832-Type	
Used With 7A Communication System	KC503-701-110
832-Type	
Used With 7A Communication System	KC503-701-110
<i>Maintenance</i>	
2832-Type	
Used With 7A Communication System	KC503-701-110
832-Type	
Used With 7A Communication System	KC503-701-110
Desk Type (10-Button)	
<i>Connections</i>	
<i>Identification</i>	
<i>Installation</i>	
<i>Maintenance</i>	
2830-Type	KA503-701-101
830-Type	KA503-701-101
Desk Type (20-Button)	
<i>Connections</i>	
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
<i>Identification</i>	
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
<i>Installation</i>	
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
<i>Maintenance</i>	
2831-Type	KA503-702-101

**TELEPHONE SET (Cont)**

Desk Type (20-Button) (Cont)	
<i>Maintenance (Cont)</i>	
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)	
<i>Connection</i>	
2575AM	
COM KEY (718, 1434, 2152)	KC503-603-120
575AM	
COM KEY (718, 1434, 2152)	KC503-603-120
<i>Identification</i>	
2575AM	
COM KEY (718, 1434, 2152)	KC503-603-120
575AM	
COM KEY (718, 1434, 2152)	KC503-603-120
<i>Installation</i>	
2575AM	
COM KEY (718, 1434, 2152)	KC503-603-120
575AM	
COM KEY (718, 1434, 2152)	KC503-603-120
<i>Maintenance</i>	
2575AM	
COM KEY (718, 1434, 2152)	KC503-603-120
575AM	
COM KEY (718, 1434, 2152)	KC503-603-120
Explosive Atmosphere	
<i>Connections</i>	
KS-14476	502-415-201
2520B	502-415-204
320-Type	502-415-200
520-Type	502-415-203
<i>General Requirements</i>	
KS-14476	502-415-100
KS-14548	502-415-100
2520B	502-415-100
320-Type	502-415-100
520B	502-415-100
<i>Identification</i>	
2520B	502-415-204
520-Type	502-415-203
<i>Installation</i>	
KS-14476	502-415-201
KS-14548	502-415-202
2520B	502-415-204
320-Type	502-415-200
520-Type	502-415-203
<i>Maintenance</i>	
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	
<i>Identification</i>	
F-56105	512-120-102

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**TELEPHONE SET (Cont)**

Imperial House 400 Motor Hotel Chain	
<i>Identification</i>	
F-56105	512-120-103
Magneto	
<i>Connections</i>	
KS-19148, L1	
Mine Station, Nonexplosive	
Atmosphere	510-830-100
307A	510-330-400
309A	510-330-401
357A	510-330-402
<i>Identification</i>	
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
<i>Installation</i>	
KS-19148, L1	
Mine Station, Nonexplosive	
Atmosphere	510-830-100
<i>Maintenance</i>	
KS-19148, L1	
Mine Station, Nonexplosive	
Atmosphere	510-830-100
<i>Selection</i>	510-310-180
Modified for Transmitter Cutoff using	
Exclusion Switch	
<i>Connections</i>	501-230-101
<i>Identification</i>	501-230-101
Modular Type	
<i>General Information</i>	SA503-100-100
Multiline	
<i>Reference</i>	
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
<i>Service</i>	
1563HB	502-542-400
1564HK, HL	502-542-402

**TELEPHONE SET (Cont)**

Multiline (Cont)	
<i>Service (Cont)</i>	
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	
<i>Selection</i>	502-000-003
Single Line	
<i>Reference</i>	
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

*Service*

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
Special Purpose	
<i>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

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**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
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Installation

Indoor Location	502-120-201
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Telephone Set

Assembly of Parts

300 Series	
For Indoor Locations	502-400-100
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
5300 Series	502-400-101

Class of Service and Zone

Selection of Apparatus	500-110-100
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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
1660-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

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**TELEPHONE SET (Cont)**

Telephone Set (Cont)

Connections (Cont)

300-Type	
Outdoor Locations	502-410-400
302AA, AC	502-400-400
302E, G	502-400-401
304A, C	502-400-402
305E, G	502-400-403
306A, C	502-400-404
Conversion for use with Individual Lines and Two-Party Service	502-400-405
306G	502-400-406
307A	510-130-400
307C	510-130-400
309A	510-130-401
309C	510-130-401
322-Type	
Elevator Telephone Set	502-402-100
325-Type	
Outdoor Locations	502-410-400
329-Type	502-400-407
331-Type (Portable)	510-810-100
332A, C	502-400-408
334C	502-400-409
354A, C	502-400-410
356A, C	502-400-411
357A	510-130-402
357C	510-130-402
401-Type	502-430-400
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	
3-Type Speakerphone System	SD512-620-410
500S, SM	
4A Speakerphone System	SD512-710-405
500Y	
761B Private Branch Exchange	551-722-210
500YR	
761B Private Branch Exchange	551-722-210
511-Type	
1A Home Interphone System	512-510-401
3-Type Speakerphone System	SD512-620-415
4A Speakerphone System	SD512-710-410
511C/D	
2A Farm Interphone System	512-515-402
511F/H	
2A Farm Interphone System	512-515-402
5302G	502-400-401
5304C	502-400-402
5306C	502-400-404
5410-Type	502-430-400
558-Type	
1A Home Interphone System	512-510-403
3-Type Speakerphone System	SD512-620-418
4A Speakerphone System	SD512-710-412
558C/D	
2A Farm Interphone System	512-515-404

**TELEPHONE SET (Cont)**

Telephone Set (Cont)

Connections (Cont)

558F	
2A Farm Interphone System	512-515-404
565-Type	
3-Type Speakerphone System	SD512-620-420
565-Type Plug-Ended	
4A Speakerphone System	SD512-720-405
566-Type	
3-Type Speakerphone System	512-620-426
566MD, MDM	
4A Speakerphone System	SD512-720-406
568HAA	
3-Type Speakerphone System	512-620-430
630-Type	
3-Type Speakerphone System	SD512-620-440
4A Speakerphone System	SD512-730-400
631-Type	
3-Type Speakerphone System	SD512-620-440
4A Speakerphone System	SD512-730-400
632-Type	
3-Type Speakerphone System	SD512-620-442
4A Speakerphone System	SD512-730-400
634-Type	
3-Type Speakerphone System	512-620-444
4A Speakerphone System	SD512-730-400
635-Type	
3-Type Speakerphone System	512-620-444
4A Speakerphone System	SD512-730-400
660A1	
3-Type Speakerphone System	SD512-620-460
4A Speakerphone System	SD512-730-450
661-Type	
3-Type Speakerphone System	512-620-461
662-Type	
3-Type Speakerphone System	SD512-620-462
4A Speakerphone System	SD512-730-455
682AA	
3-Type Speakerphone System	512-620-450
682AA, AAM	
4A Speakerphone System	SD512-730-460
683AA	
3-Type Speakerphone System	512-620-450
683AA, AAM	
4A Speakerphone System	SD512-730-460
701B	
3-Type Speakerphone System	SD512-620-471
702B	
3-Type Speakerphone System	SD512-620-471
4A Speakerphone System	SD512-740-405
711B	
1A Home Interphone System	512-510-405
2A Farm Interphone System	512-515-407
4A Speakerphone System	SD512-740-410
712B	
1A Home Interphone System	512-510-406
2A Farm Interphone System	512-515-408
4A Speakerphone System	SD512-740-410

**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

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**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	
<i>Installation</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	



**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	SA503-200-113
F-50682	Ground Observer	510-820-100

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**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)

*Maintenance (Cont)*

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

*Method of Operation (Fixed Loop Termination)*

622-Type	
No. 5 Crossbar Centrex CO (Arranged for Phase I Centrex)	540-575-321

*Method of Operation (Switched Loop Termination)*

622-Type	
No. 5 Crossbar Centrex CO (Arranged for Phase I Centrex)	540-575-322

*Operation*

F-56105	
Using KS-16844 RAPIDIAL	512-120-101
F-56503	
Using KS-19594 Dialer	512-126-100

*Reference*

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)

*Reference (Cont)*

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

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**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		
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
<i>Identification</i>	
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

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**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)**

<b>TOUCH-A-MATIC® Set (Cont)</b>	
<i>Installation (Cont)</i>	
872A1M	TOUCH-A-MATIC® Set SC503-603-102
<i>Maintenance</i>	
2872A1M	TOUCH-A-MATIC® Set SC503-603-101
2872A2M	TOUCH-A-MATIC® Set SC503-603-101
872A1M	TOUCH-A-MATIC® Set SC503-603-102
<i>Operation</i>	
2872A1M	TOUCH-A-MATIC® Set SC503-603-101
2872A2M	TOUCH-A-MATIC® Set SC503-603-101
872A1M	TOUCH-A-MATIC® Set SC503-603-102
<b>TOUCH-A-MATIC® 16 Set</b>	
<i>Connections</i>	
2960A01M	TOUCH-A-MATIC® Set SC503-301-101
<i>Identification</i>	
2960A01M	TOUCH-A-MATIC® Set SC503-301-101
<i>Installation</i>	
2960A01M	TOUCH-A-MATIC® Set SC503-301-101
<i>Maintenance</i>	
2960A01M	TOUCH-A-MATIC® Set SC503-301-101
<i>Operation</i>	
2960A01M	TOUCH-A-MATIC® Set SC503-301-101
<i>Connections</i>	
960A01M	TOUCH-A-MATIC® Set SC503-301-100
<i>Identification</i>	
960A01M	TOUCH-A-MATIC® Set SC503-301-100
<i>Installation</i>	
960A01M	TOUCH-A-MATIC® Set SC503-301-100
<i>Maintenance</i>	
960A01M	TOUCH-A-MATIC® Set SC503-301-100
<i>Operation</i>	
960A01M	TOUCH-A-MATIC® Set SC503-301-100
<b>Two Line-1 Button</b>	
<i>Common Installation and Maintenance Information</i>	
	502-500-110
<i>Reference</i>	
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)**

<b>Two Line-1 Button (Cont)</b>	
<i>Reference (Cont)</i>	
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
<i>Selection</i>	
<i>Service</i>	
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

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**TELEPHONE SET (Cont)**

Two Line-1 Button (Cont)

*Service (Cont)*

2753A, B  
Panel Telephone  
502A/B  
502BM  
510A, B, E, F  
510FM  
511A/B  
511C/D  
511F  
511H, HM  
515B, BM  
555B, BM, BMP  
558A/B  
558C/D  
558F, FM  
712B, BM

SA502-741-401  
SA502-531-401  
SA502-531-401  
SA502-531-402  
SA502-531-402  
SB502-531-403  
SB502-531-404  
SA502-531-405  
SA502-531-405  
SA502-531-406  
SA502-531-407  
SA502-531-408  
SA502-531-409  
SB502-531-410

PRINCESS® Telephone

SA502-724-401

751-Type  
Panel Telephone  
753A, B  
Panel Telephone

SA502-733-401  
SA502-739-401

Wall Type (10-button)

*Connections*

2852A, AM  
852A, AM

503-701-102  
503-701-102

*Identification*

2852A, AM  
852A, AM

503-701-102  
503-701-102

*Installation*

2852A, AM  
852A, AM

503-701-102  
503-701-102

*Maintenance*

2852A, AM  
852A, AM

503-701-102  
503-701-102

Wall Type (6-Button)

*Connections*

2851-Type  
851-Type

KA503-601-101  
KA503-601-101

*Identification*

2851-Type  
851-Type

KA503-601-101  
KA503-601-101

*Installation*

2851-Type  
851-Type

KA503-601-101  
KA503-601-101

*Maintenance*

2851-Type  
851-Type

KA503-601-101  
KA503-601-101

**TELEPHONE SET BASE**

Telephone Set Base (5000AM)

*Connections*

*Identification*

*Installation*

*Maintenance*

Transaction Set Base (5000AM)  
Used with 220- or 2220-Type  
Hand Telephone Set  
5000AM Transaction I

SC502-323-400  
SC502-323-400  
SC502-323-400  
SC502-323-400

Telephone Set Base (5100AM)

*Connections*

*Identification*

*Installation*

*Maintenance*

Transaction Set Base (5100AM)

SC502-323-401

**TELEPHONE SET BASE (Cont)**

Telephone Set Base (5100AM) (Cont)

*Maintenance (Cont)*

Used with 220- or 2220-Type  
Hand Telephone Set  
5100AM Transaction

SC502-323-401  
SC502-323-401

Telephone Set Base (5100BM)

*Connections*

*Identification*

*Installation*

*Maintenance*

Transaction Set Base (5100BM)  
With 220- or 2220-Type Hand  
Telephone Set—Used With or  
Without 5000A Printer  
5100BM Transaction

502-323-403  
502-323-403  
502-323-403

**TELEPHONE SET BASES**

*Connections*

*Identification*

*Installation*

*Maintenance*

Kit Plan  
581A

503-100-110  
SA503-100-120

**TELEPHONE SET COMPONENTS**

*Connections*

Customer Provided Housing

F-56659  
F-56660

501-410-101  
501-410-101

Customer-Owned Enclosures

Amplifiers  
Cord Reels  
Dial Mounting  
Dials

501-420-102  
501-420-102  
501-420-101  
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

*General*

Customer Provided Housing

F-56659  
F-56660

SA501-410-400  
SA501-410-400

*Identification*

Customer Provided Housing

F-56659  
F-56660

501-410-101  
501-410-101

Customer-Owned Enclosures

Amplifiers  
Cord Reels  
Dial Mounting  
Dials

501-420-102  
501-420-102  
501-420-101  
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

*Installation*

Customer Provided Housing

F-56659  
F-56660

501-410-101  
501-410-101



**TELEPHONE SET COMPONENTS (Cont)***Installation (Cont)*

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

*Maintenance*

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***Description*

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***Methods of Operation (Small 2B ACD**Attendant Application)*

2B Automatic Call Distributing System 476-270-303

**TELEPHONE SETS (832- OR 2832-TYPE)***Arrangement*

580A Key Service Unit KC518-450-103

**TELEPHONE SETS AND ASSOCIATED STATION****APPARATUS***Selection of Indoor Locations* 502-120-200**TELEPHONE SETS AND BASES (LESS HOUSINGS)***Connections* 501-415-101*Identification* 501-415-101**TELEPHONE SETS AND BASES (LESS (Cont)***Installation*

501-415-101

*Maintenance*

501-415-101

*Selection*

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***Method of Operation*

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)***Calibration**Identification**Installation**Maintenance**Operation*

Test Set

105-290-100

**TELEPHONE UNIT; KEY—SEE KEY TELEPHONE UNIT****TELEPHONE UNITS; KEY—SEE KEY TELEPHONE UNITS****TELEPHONE WARNING SYSTEM**

1A

*Connections*

480-315-100

*General Description*

981-200-100

*Identification*

480-315-100

*Installation*

480-315-100

*Maintenance*

480-315-100

*Tests*

480-315-500

**TELEPHONE; PANEL—SEE PANEL TELEPHONE****TELEPHONE; PUBLIC—SEE PUBLIC****TELEPHONE****TELEPHONES; COIN—SEE COIN TELEPHONES****TELETRAINER***Description*

Carrying Cases, KS-16606 473-411-100

KS-16161 473-410-100

KS-16605 473-411-100

KS-21764 473-411-101

*Maintenance*

Carrying Cases, KS-16606 473-411-100

KS-16161 473-410-100

KS-16605 473-411-100

KS-21764 473-411-101

*Operation*

KS-16161 473-410-100

KS-21764 473-411-101

**TERMINAL BOX; CABLE—SEE CABLE TERMINAL BOX**

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**TERMINAL SET**

Terminal Set (5000A)  
*Identification*  
*Installation*  
*Maintenance*  
*Testing*  
 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  
*Wiring* SB461-619-101  
 Terminals  
*Cross Connecting* 461-618-201  
*Wiring* 461-618-201

**TERMINALS PUNCHED- OR WIRE-TYPE**

*Method of Making and Removing  
 Wrapped Connections* 069-132-811

**TERMINATION UNIT**

1A  
*Identification* 501-380-100  
*Installation* 501-380-100

**TERMINATION; INTERFACE—SEE INTERFACE**

**TERMINATION**

**TEST CIRCUIT (SD-67118-01)**

*Operational Test*  
 758C Switching System 551-566-500

**TEST CIRCUITS**

*Operation Tests*  
 812A Private Branch Exchange 553-212-500

**TEST EQUIPMENT PBX**

*Description*  
 PBX-ANI Data Link Test Set 105-602-101  
 Test Set PBX Cord Circuit  
 (SD-66484-01, J54703A) 105-600-101

*Operation*  
 PBX-ANI Data Link Test Set 105-602-101  
*Operation Tests*  
 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**

*Method of Operation*  
 850A Private Branch Exchange 553-800-301

**TEST FACILITIES AND TEST CALLS**

*Method of Operation*  
 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**

*Identification*  
*Maintenance*  
*Operation*  
 AT-8629 105-241-100

**TEST SET**

*Calibration*  
 Telephone Test Set (J53054A) 105-290-100  
*Description*  
 139-Type (Line Tone Emitter) 105-242-100  
*Identification*  
 Telephone Test Set (J53054A) 105-290-100  
 145A 105-245-100  
*Installation*  
 Telephone Test Set (J53054A) 105-290-100  
*Maintenance*  
 Telephone Test Set (J53054A) 105-290-100  
 139-Type (Line Tone Emitter) 105-242-100  
 145A 105-245-100  
*Operation*  
 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)**

*Description*  
*Installation*  
*Maintenance*  
*Tests*  
 Automatic Call Distributing  
 System 476-100-101

**TEST SET PBX CORD CIRCUIT**

**(SD-66484-01, J54703A)**  
*Description*  
 Test Equipment PBX 105-600-101

**TEST SET RECEIVER (SD-66890-01, J58847M)**

*Operation Tests*  
 Test Equipment PBX 105-601-501

**TEST SET SYSTEM STATUS INDICATOR**

**(KS-21194)**  
*Identification*  
*Operation*  
*Tests*  
 800A Private Branch Exchange 553-010-301  
 801A Private Branch Exchange 553-010-301

**TEST SET 81A**

Test Equipment Station 105-240-100

**TEST TRUNK CIRCUIT**

*Installation*  
*Maintenance*  
 800A (Electronic-Type) Private  
 Branch Exchange 553-010-310  
 801A (Electronic-Type) Private  
 Branch Exchange 553-010-310

**TESTING MANHOLE ATMOSPHERE**

*General* 620-140-501

**TESTS; PULSING—SEE PULSING TESTS**

**TIE LINES; TRUNKS AND—SEE TRUNKS AND TIE LINES**

**TIE TRUNK**

HJ12 Repeater (SD-1E501-01)  
*Description and Tests* 534-364-100

<b>TIE TRUNK (Cont)</b>		
HJ12 Repeater (SD-1E501-01) (Cont) Method for Generating Perscription Setting for Equalization and Gain When Used with Another HJ12 Repeater or Metallic Facility Terminal Repeater Nonloaded and Loaded Cable Facilities	534-364-180	
<b>TIE TRUNK (J58824BC, J58824BY, SD-65718-01)</b> General Installation Procedures Identification PBX Systems	534-364-211	
<b>TIE TRUNK (J59204, SD-1E500-01, SD-1E500-02); ELECTRONIC—SEE ELECTRONIC TIE TRUNK (J59204, SD-1E500-01, SD-1E500-02)</b>		
<b>TIE TRUNK (SD-65718-02)</b> General Installation Procedures Identification PBX Systems	534-364-210	
<b>TIE TRUNK (SD-65755-01)</b> Circuit Tests 756A Private Branch Exchange Operation Tests 801A Private Branch Exchange	551-194-501 553-201-500	
<b>TIE TRUNK (SD-65756-01)</b> Operation Tests 756A Private Branch Exchange	551-195-501	
<b>TIE TRUNK ACCESS CIRCUIT (SD-1E053-01)</b> Operation Tests Common Group TOUCH-TONE® Calling Equipment with Crossbar Link Access Private Branch Exchange	540-702-502	
<b>TIE TRUNK CIRCUIT (SD-65718-01 AND SD-66799-01)</b> Pulsing Tests and Requirements using Pulse Repeating Test Set (SD-31667-01, J34720A) and Pulsing Test Set (SD-31481-01, J34717A) Step-by-Step and Crossbar Type Private Branch Exchange	534-364-501	
<b>TIE TRUNK CIRCUIT (SD-65825-01); RINGDOWN—SEE RINGDOWN TIE TRUNK CIRCUIT (SD-65825-01)</b>		
<b>TIE TRUNK CIRCUIT (SD-66765-01); AUXILIARY—SEE AUXILIARY TIE TRUNK CIRCUIT (SD-66765-01)</b>		
<b>TIE TRUNK CIRCUIT 2-WAY 4-WIRE (SD-67050-01)</b> Tests 758C Private Branch Exchange	551-545-500	
<b>TIE TRUNK CIRCUITS</b> General Descriptive Information Private Branch Exchange	981-010-100	
<b>TIE TRUNK CIRCUITS (SD-65718-01, SD-65718-02, AND SD-66799-01)</b> Pulsing Test and Requirements using 2B-1 Signaling Test Set (SD-56134-02, J64730B) and Associated Pulse Repeating Adapter		
<b>TIE TRUNK CIRCUITS (SD-65718-01, (Cont)</b> Pulsing Test and Requirements using (Cont) (SD-56134-02, J64730D) Step-By-Step and Crossbar-Type PBX	534-364-502	
<b>TIE TRUNK UNIT (J59013H, L2)</b> Connections Identification Installation 557A Private Branch Exchange	473-601-201	
<b>TIE TRUNK UNIT (J59013J); AUTOMATIC—SEE AUTOMATIC TIE TRUNK UNIT (J59013J)</b>		
<b>TIE TRUNK; RINGDOWN—SEE RINGDOWN TIE TRUNK</b>		
<b>TIE TRUNKS</b> HJ12 Repeater (SD-1E504-01) Method for Generating Perscription Settings for Equalization and Gain When Used with Repeaters and Other Cable Terminating Equipment Which Uses V4 Equalization Techniques Nonloaded Cable Facility	534-364-181	
<b>TIE TRUNKS; TRUNKS AND—SEE TRUNKS AND TIE TRUNKS</b>		
<b>TIE-LINE AND CONTROL SERVICES</b> Service 1A Key Telephone Systems	KB518-112-421	
<b>TIMING CIRCUIT (SD-67015-01)</b> Operation Tests 758B Private Branch Exchange	551-438-501	
<b>TOGGLE BOLT</b> General	080-720-116	
<b>TOGGLE RING; BRIDLE—SEE BRIDLE TOGGLE RING</b>		
<b>TONE DETECTOR</b> Identification 1A350	501-166-100	
<b>TONE DETECTOR (AUTOVON); PREEMPTION—SEE PREEMPTION TONE DETECTOR (AUTOVON)</b>		
<b>TONE FIRST-MULTISLOT; DIAL—SEE DIAL TONE FIRST-MULTISLOT</b>		
<b>TONE SPEED MEASURING CIRCUIT (SD-73103-01); DIAL—SEE DIAL TONE SPEED MEASURING CIRCUIT (SD-73103-01)</b>		
<b>TONE TRUNK CIRCUIT (SD-67052-01)</b> Operation Test 758C Private Branch Exchange	551-549-500	
<b>TONE TRUNK; BUSY—SEE BUSY TONE TRUNK TONE, AND ANNOUNCEMENT TRUNKS; INTERCEPTING,—SEE INTERCEPTING, TONE, AND ANNOUNCEMENT TRUNKS</b>		
<b>TOOL (PORTABLE PLUG CLEANING MACHINES)</b> Piece-Part Data and Replacement Procedures D-159798 497A 497B Requirements and Adjusting Procedures 497A 497B	075-125-801 075-125-801 075-125-801 075-125-701 075-125-701	
<b>TOOL; CONNECTING—SEE CONNECTING TOOL</b>		
<b>TOOL; IMPACT—SEE IMPACT TOOL</b>		

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**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

*Installation*

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

*Maintenance*

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

*Operation*

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

**TOUCH-A-MATIC® SET***Connections*

2872A1M	TOUCH-A-MATIC® Set Telephone Set	SC503-603-101
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**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 981-011-105

G1 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) 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

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**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	SD512-620-100
679	
Connections	
Identification	
Installation	
Maintenance	
3-Type Speakerphone System	SD512-620-100
<b>TRANSMITTER TRANSFER UNIT</b>	
Connections	473-185-210
Identification	473-185-210
Installation	473-185-210
Maintenance	473-185-210
<b>TRANSMITTER UNITS</b>	
Identification	501-230-100
Installation	501-230-100
Maintenance	501-230-100
<b>TRANSMITTERS</b>	
Identification	501-230-100
Installation	501-230-100
Maintenance	501-230-100
<b>TRANSPARENT WINDOWS</b>	
Turn-Button and Key Telephone Sets	501-150-101
<b>TREAD; LADDER—SEE LADDER TREAD</b>	
<b>TREE ATTACHMENTS</b>	
Drop and Block Wiring	462-300-215
<b>TRIMLINE® TELEPHONE</b>	
Hand Telephone Set	
Service	
220-Type	SA502-322-400
2220-Type	SA502-322-400
2226-Type	SA502-322-400
226-Type	SA502-322-400
<b>TROUBLE RECORDER INTERFACE CIRCUIT</b>	
Description	
Method of Operation	
758C Switching System	551-568-300
<b>TROUBLE RECORDING ARRANGEMENT</b>	
Description	
Method of Operation	
758C Switching System	551-568-300
<b>TROUBLE REGISTERS; TRAFFIC AND—SEE TRAFFIC AND TROUBLE REGISTERS</b>	
<b>TRUNK (J58824BC, J58824BY, SD-65718-01); TIE—SEE TIE TRUNK (J58824BC, J58824BY, SD-65718-01)</b>	
<b>TRUNK (SD-65718-02); TIE—SEE TIE TRUNK (SD-65718-02)</b>	
<b>TRUNK (SD-65755-01); TIE—SEE TIE TRUNK (SD-65755-01)</b>	
<b>TRUNK (SD-65756-01); TIE—SEE TIE TRUNK (SD-65756-01)</b>	
<b>TRUNK (SD-65812-01); INCOMING—SEE INCOMING TRUNK (SD-65812-01)</b>	
<b>TRUNK (SD-65815-01); ATTENDANT—SEE ATTENDANT TRUNK (SD-65815-01)</b>	
<b>TRUNK (SD-65919-01); BUSY-TONE—SEE BUSY-TONE TRUNK (SD-65919-01)</b>	
<b>TRUNK (SD-65964-01); ATTENDANT—SEE ATTENDANT TRUNK (SD-65964-01)</b>	



- 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

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**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</b>	
<b>WIRE UNWRAPPING TOOL (HEATED)</b>	
<b>UNWRAPPING TOOL; WIRE—SEE WIRE</b>	
<b>UNWRAPPING TOOL</b>	
<b>USAGE MEASUREMENT SYSTEM; TRAFFIC—SEE</b>	
<b>TRAFFIC USAGE MEASUREMENT SYSTEM</b>	
<b>USING PULSE SIGNALING TEST SET</b>	
<b>TTS-26B; REQUIREMENTS—SEE REQUIREMENTS</b>	
<b>USING PULSE SIGNALING TEST SET</b>	
<b>TTS-26B</b>	
<b>VACUUM CLEANER</b>	
<i>Piece-Part Data and Replacement</i>	
<i>Procedures</i>	
KS-8389	075-180-802
<i>Replacement Parts and Procedures</i>	
KS-14377	075-180-803
<i>Requirements and Adjusting</i>	
<i>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</b>	
<b>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</b>	
<b>AUDIBLE AND VISUAL SIGNALING</b>	
<b>VOICE AUTOVON TRUNK CIRCUIT</b>	
<b>(SD-67085-01); SECURE—SEE SECURE VOICE</b>	
<b>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

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**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
TSPZI	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

*Method of Operation*

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
TSPZI	463-382-105
69H Apparatus Mounting	IA463-311-105
69H Apparatus Mounting	IA463-331-105

*Protection*

GTS	463-340-112
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**VOICE STATION SIGNALING***Identification**Installation**Maintenance*

Manual Intercoms	KB518-010-109
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**SECTION 460-000-006**

<b>VOICE-CONTROLLED SWITCH</b>			
<i>Connections</i>			
<i>Identification</i>			
<i>Installation</i>			
<i>Maintenance</i>			
<i>Operation</i>			
234-Type	463-240-100		
<b>VOLTAGE TESTING DEVICE</b>			
Auxiliary Equipment			
<i>Description</i>			
<i>Maintenance</i>			
B Voltage Tester	081-705-101		
<b>WAITING CONSOLES; MESSAGE—SEE MESSAGE WAITING CONSOLES</b>			
<b>WAITING SERVICE; MESSAGE—SEE MESSAGE WAITING SERVICE</b>			
<b>WAITING SIGNAL CIRCUIT (SD-65845-01); CALLS—SEE CALLS WAITING SIGNAL CIRCUIT (SD-65845-01)</b>			
<b>WALL BOX TERMINAL</b>			
Apparatus Box			
<i>Identification</i>			
ED-69391-50, Group 1 (Backplate)	KA463-140-100		
ED-69391-50, Group 1 (Cover)	KA463-140-100		
Wall Box Terminal			
<i>Identification</i>			
ED-69391-50, Group 1 (Backplate)	KA463-140-100		
ED-69391-50, Group 1 (Cover)	KA463-140-100		
<b>WALL RELAY RACK</b>			
<i>Identification</i>			
Equipment Cabinet	KA463-140-100		
<b>WALL SCREW; ANCHORS—SEE ANCHORS WALL SCREW</b>			
<b>WALL-MOUNTED</b>			
, Wire Terminals			
Drop and Block Wiring			
General Precautions	SB460-300-145		
<b>WARNING DEVICES; STANDARD—SEE STANDARD WARNING DEVICES</b>			
<b>WARNING SYSTEM; TELEPHONE—SEE TELEPHONE WARNING SYSTEM</b>			
<b>WARNING; MARKER—SEE MARKER WARNING WINDOWS; TRANSPARENT—SEE TRANSPARENT WINDOWS</b>			
<b>WINK CIRCUITS; FLASH AND—SEE FLASH AND WINK CIRCUITS</b>			
<b>WIRE</b>			
<i>Method of Connecting to Split Terminals</i>	069-130-811		
<i>Skinning and Preparing for Cross-Connections on Distributing Frames and Cross-Connection Fields</i>	069-120-811		
<b>WIRE (E AND F); COAXIAL—SEE COAXIAL WIRE (E AND F)</b>			
<b>WIRE AND ASSOCIATED APPARATUS; STATION—SEE STATION WIRE AND ASSOCIATED APPARATUS</b>			
<b>WIRE AND CABLE</b>			
Inside			
<i>Selection</i>	461-200-100		
Wire and Cable			
<i>Concealing without Conduits or Raceways</i>	461-200-202		
<i>Disposition of Disconnected</i>	461-200-204		
<b>WIRE AND CABLE (Cont)</b>			
Wire and Cable (Cont)			
<i>Handling</i>	461-200-203		
<i>Selection of Route</i>	SB461-200-200		
<i>Splicing</i>	461-200-205		
<b>WIRE AND CABLE; STATION—SEE STATION WIRE AND CABLE</b>			
<b>WIRE CLAMP (E); DROP—SEE DROP WIRE CLAMP (E)</b>			
<b>WIRE CLAMP; DROP—SEE DROP WIRE CLAMP</b>			
<b>WIRE CLAMP; STATION—SEE STATION WIRE CLAMP</b>			
<b>WIRE CLIP</b>			
<i>General</i>			
SC	080-720-145		
<b>WIRE DROP REEL</b>	462-030-100		
<b>WIRE GUARD; P—SEE P WIRE GUARD</b>			
<b>WIRE HOOK; DROP—SEE DROP WIRE HOOK</b>			
<b>WIRE LOOP</b>			
<i>General</i>			
B	080-720-141		
<b>WIRE MULTIPLE</b>			
<i>Fault Locating</i>	624-800-300		
<i>Splicing</i>	624-220-200		
<b>WIRE NAIL; GROUND—SEE GROUND WIRE NAIL</b>			
<b>WIRE NAIL; STATION—SEE STATION WIRE NAIL</b>			
<b>WIRE REELS</b>			
<i>KS-21955</i>			
Piece-Part Data	075-150-801		
<i>KS-8047</i>			
Piece-Part Data	075-147-801		
<b>WIRE RURAL C</b>			
<i>Terminating</i>	624-730-200		
<b>WIRE STAPLE; GROUND—SEE GROUND WIRE STAPLE</b>			
<b>WIRE TERMINAL</b>			
104-Type			
<i>Installation</i>	624-300-200		
105A			
<i>Installation</i>	624-300-205		
<b>WIRE TERMINATIONS; BURIED—SEE BURIED WIRE TERMINATIONS</b>			
<b>WIRE UNWRAPPING TOOL</b>			
<i>Piece-Part Data and Replacement Procedures</i>			
KS-16492	075-121-801		
<b>WIRE UNWRAPPING TOOL (HEATED)</b>			
<i>Piece-Part Data and Replacement Procedures</i>			
KS-16450L1	075-121-802		
<b>WIRE WRAPPING TOOL</b>			
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No. 101 Electronic Switching			
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Arrangement	IA463-340-120		
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<b>82-TYPE CONNECTING BLOCK</b>			
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<b>85B1 POWER UNIT</b>			
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<b>947-TYPE</b>			
<i>Cleaning Procedures</i>			
Connector		069-350-801	
<b>971-TYPE</b>			
<i>Cleaning Procedures</i>			
Connector		069-350-801	