



Mobile Communications

GE-NET 900TM 75-WATT, TRUNKED REPEATER STATION COMBINATION

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Maintenance Manual

SYMBOL	GE PART NO.	DESCRIPTION
		CABLE (Audio Output)
		19B901454P1
		CABLE (Exciter to PA) 19B801454P2
		CABLE ASSEMBLY (Receiver to Audio) 19801533C1
P3	19A700041P32	Shell, includes:
P602	19A704779P26	Connector, printed wiring: sim to Malex 08-55-0101. Shell, includes:
7002	19A704779P26	Connector, printed wiring: sim to Malex 08-55-0101.
		CABLE ASSEMBLY (Master Oscillator) 198001561G1
		· · · · · · · · · JACKS · · · · · · ·
J954	19A115938P12	Connector, coaxial: (BNC Series): sim to Amphenol 31-342.
2057	194115938P7	
P953	19411193061	Connector: coaxial: (BNC Series): sim to Amphenol 31-335.
	198209044P24	Cable, radio frequency: sim to Essex 21-316.
	19B801563P1	Plate.



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SPECIFICATIONS*

LBI-38161

GENERAL

FCC FILING NUMBER AXA9MZTR- 161 -A2 TEMPERATURE RANGE -30° C to $+60^{\circ}$ C $(-22^{\circ}\text{Fto} \pm 140^{\circ}\text{F})$ AC INPUT VOLTAGE 124/240 VAC ±20%, 60 Hz (50 Hz Optional) AC INPUT POWER 540 Watts Transmit 145 Watts Rated Audio Standby 139 Watts FREQUENCY RANGE Transmit 935 to 940 MHz Receive 986 to 901 MHz FREQUENCY STABILITY 0.05 PPM MOUNTING CONFIGURATIONS Shipped standard for open rack mounting. Optional "S" or "V" cabinets available. CABINET DIMENSIONS (H X W X D) 44-Inch Desk Mate ("S" Type) 44-1/4" x 21-1/2" x 15-1/2" 69-Inch Floor Mount ("V" Type) 69-1/16" x 23-3/16" x 21" WEIGHT (Net) "S" Cabinet 180 pounds "V" Cabinet 288 pounds AC POWER CORD (124/240 VAC) 10-foot, three prong (standard)

WARNING

No one should be permitted to handle any portion of the equipment that is supplied with high voltage, or to connect any external apparatus to the units when supplied with power. KEEP AWAY FROM LIVE CIRCUITS!

High level RF energy in the transmitter power amplifier assembly can cause RF burns. Keep away from these circuits when the transmitter is keyed!

^{*}These specifications are intended primarily for use by service personnel. Refer to the appropriate Specification Sheet for complete specifications.

LBI-38161

COMBINATION NOMENCLATURE

Digits 1 & 2	Digit 3	Digit 4	Digit 5	Digit 6	Digits 7, 8 & 9	Digit 10
Product Code	Cabinet	Transmit Frequency	Receive Frequency	Repeater Type	Power Output	Color
S4	N None	4 935 - 940 MHz	5 896 - 901 MHz	With Master Osc. & Distr. Panel	075 75 Watts	G Grey
				Y Without Master Osc. & Distr. Panel		

	STATION OPTIONS				
OPTION NUMBER	DESCRIPTION				
AS21	Single 5 -channel Master Oscillator				
CA21	69-inch single station cabinet.				
CA22	44-inch single station cabinet.				
CA23	69-inch, dual rack cabinet, single station.				
CC01	10-station cable kit.; Dual Master oscillator and Distribution panel.				
CC02	One station cable kit; Dual Master oscillator and Distribution panel.				
CD21	Station connected and tested, and then shipped without cabinet.				
MR21	Add second station in dual rack station.				
FN21	69-inch Station Cabinet fan kit.				

DESCRIPTION

Ericsson GE GE-NET 900 station combinations are 75-watt, trunked repeater stations for single frequency operation in the 896 to 940 MHz band. The stations transmit in the 935 to 940 MHz band, and receive in the 896 to 901 MHz band.

The standard trunked repeater station consists of the following assemblies:

- station power supply
- exciter-receiver assembly mounted in the radio front door panel
- 75-watt transmitter power amplifier
- repeater control panel
- GETC panel
- dual master oscillator panel (one for up to 20 repeaters)

One distribution panel for up to 20 repeaters is also required at the trunked site. The panel is normally located in one of the centrally located repeaters. A typical GE-NET 900 trunked repeater station is shown in Figure 1.

EXCITER-RECEIVER DOOR

The exciter-receiver door assembly contains the synthesized transmitter exciter and receiver boards, and the station system board. A layout of the door assembly is shown in Figure 2.

TRANSMITTER

The station transmitter consists of the exciter-synthesizer board, a 75-watt power amplifier, and a power control board. The exciter board is mounted in a shielded compartment on the radio front door.

Exciter

The exciter consists of an exciter synthesizer, a receiver synthesizer, as well as an amplifier section and audio processor. The exciter provides audio limiting, pre-emphasis, low frequency compensation and a summing amplifier for both voice and sub-audible data. The 100-milliwatt exciter output drives the RF power amplifier.

The receiver synthesizer provides one milliwatt of receiver L.O. signal for the receiver 1st IF and mixer.

Reference frequency for both synthesizers is provided by the master oscillator.

Power Amplifier

The transmitter PA assembly consists of a frame mounted to a heatsink with a cover that snaps over the frame to provide RF shielding. A 24-volt DC fan is mounted to the cover to provide cooling for the PA components.

The power amplifier consists of an RF amplifier board and a power control board. The PA board contains the amplifier stages required to provide the 75-watt transmitter output. The power control board provides the feedback control required to maintain a constant 75-watt output. In addition, the power control circuitry senses forward and reflected power at the PA output. The power control circuit sends an alarm to the GETC if the output drops below a preset level, or if the reflected power gets too high. It also sends an alarm if the DC supply to the PA is lost (blown fuse).

RECEIVER

The station receiver assembly is mounted in a shielded enclosure on the radio front door assembly. The receiver consists of a receiver board and an audio board. The receiver board contains the RF front end, IF stages, demodulator and audio amplifiers. The demodulated output is applied to the audio board which contains an audio amplifier, squelch and audio PA stages.

Receiver LO (2nd local oscillator) injection is provided by the receiver synthesizer on the receiver board.

SYSTEM BOARD

System board A901 is mounted in the door assembly with the receiver boards connected directly into the system board connectors.

CONTROL PANEL

The Control panel is mounted directly above the PA assembly. This shelf houses the control panel which contains a service speaker with volume control, a 10-volt regulator for the exciter and receiver, and the repeater control module.

POWER SUPPLY

The station power supply normally connects to a 124-volt AC power source. The power supply can be jumpered for operation from a 224-volt, 60 Hz source by making jumper changes on the back of the front panel.

LBI-38161

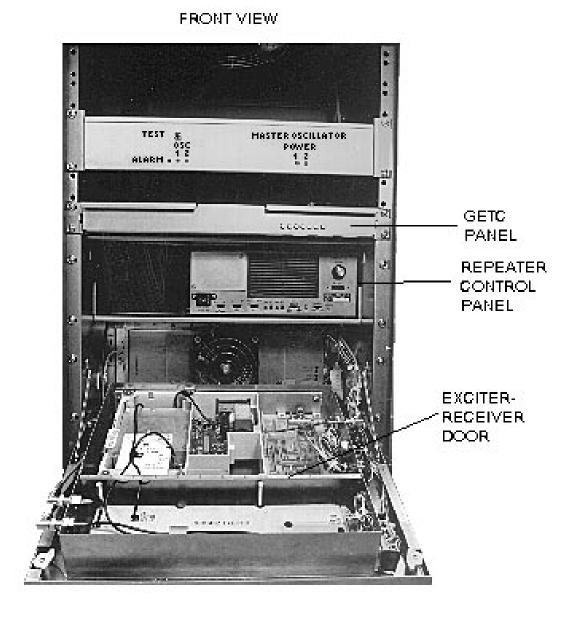


Figure 1 - Typical GE-NET 900 Repeater Station

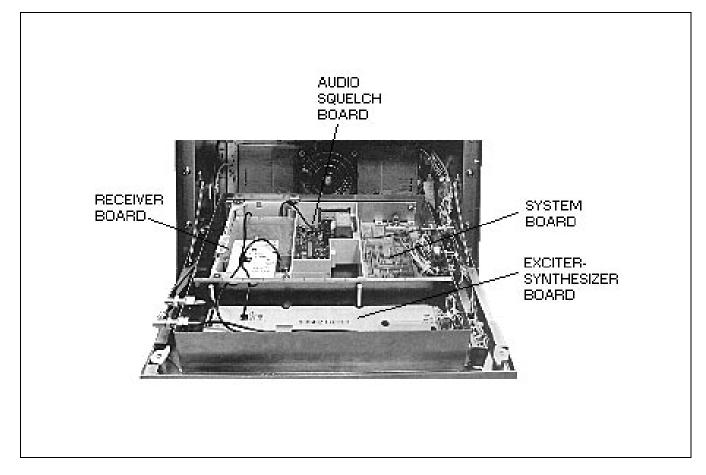


Figure 2 - Exciter-Receiver Door Assembly

A power switch, primary and secondary fuses, and two AC outlets are located on the front panel. A high current fuse is located on the back panel that provides + 26 volts for the transmitter PA, and master oscillator if present. A 13.8-volt supply is available at the power supply through a 9-pin Molex plug.

GETC SHELF

The GE Trunking Card (GETC) assembly normally mounts above the radio door assembly. The GETC provides primary control of most of the repeater functions in the trunked system. The GETC generates and detects the 4800 baud data used in both the control and voice channel mode. Other functions provided by the GETC include repeater audio control, synthesizer loading and lock detect, RF power amplifier fault detection and test mode operation.

The GETC shelf is interfaced with the repeater control panel so that the GETC controls the repeater keying function, and can override the repeat audio function.

MASTER OSCILLATOR

The master oscillator panel is normally mounted above the GETC panel. The high stability oscillator supplies the 17.6125 MHz reference frequency to the transmitter and receiver frequency synthesizers. One master oscillator provides outputs for up to 20 trunked repeater stations.

The oscillator panel contains two identical oscillator circuits for high reliability. In case the primary oscillator fails, the standby oscillator is automatically activated to provide continuous operation.

An optional single master oscillator with outputs for up to 5 stations is also available. Refer to the Station Options Chart.

Power for the master oscillator is provided by two separate 24-volt power feeds from different power supplies for additional reliability.

DISTRIBUTION PANEL

A distribution panel is used at each trunking site as a common tie point for all of the GETC panels. Connecting the GETC panels together allows every GETC to communicate on a common data bus in the failsoft mode of operation. The control channel GETC drives the failsoft bus in order to activate other channels for voice communication and to poll for their status.

<u>Service Note</u>: The distribution panel is not normally mounted in the same station as the master oscillator. The panels are mounted apart to prevent cable crowding problems.

The distribution panel interconnect cable is shown in Figure 3.

FAILSOFT TRUNKING

Failsoft trunking is the mode in which the system operates when no site controller is used. The site controller normally provides all control, user validations and telephone interconnect billing functions when used in the system. In the event that a site controller fails, or is not present, the system reverts to the failsoft mode of trunking. In addition, the failsoft mode may be the standard operating mode for a system if basic dispatch trunking is all that is required. Either configuration can be set by the DIP switches on the GETC shelf in each station.

The communication required or failsoft operation is provided by the backup serial connections between each repeater in the system. These connections are made through the distribution panel (one panel for every 20 repeaters). This serial link is a bi-directional data line and a synchroni-

zation line. The sync line is driven by the control channel, and is used to determine whether the operating mode is normal (with a site controller, or in the failsoft mode). Refer to the Maintenance Manual for the GETC shelf for complete operating details.

INITIAL SETUP

All of the GE-NET 900 repeater stations have been system tested at the factory, and should be fully operative when power is applied. Should any adjustment be required, refer to the applicable Maintenance Manual.

- NOTE -

No crystals are required to place the repeaters on frequency. The proper operating channel is selected by DIP switches in the GETC module. Make sure that the DIP switches are set to the correct operating frequency before powering up the station.

MAINTENANCE

To prevent mechanical and electrical failures from interrupting system operations, routine checks should be made of mechanical and electrical assemblies at regular intervals. This preventive maintenance should include the checks listed below.

TRANSMITTER

Check the power output, data and voice modulation, and audio levels. Check the transmitter frequency as required by the FCC. SERVICE NOTE: Normal frequency measuring

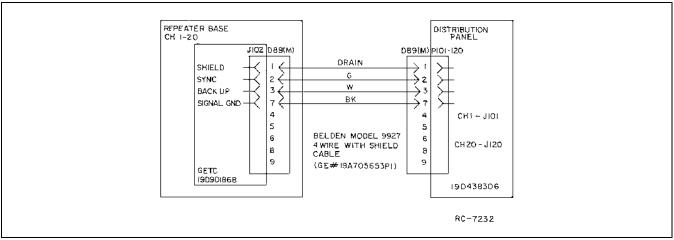


Figure 3 - Distribution Panel Cable Interconnect

equipment is not adequate to measure the repeater frequency due to the high stability master oscillator reference signal used in the station.

RECEIVER

Check the receiver sensitivity and squelch levels.

TRANSMISSION LINE

Check for positive indication of pressure on the transmission linsure gauge if a pressurized line is used.

Check the forward and reflected power if an RF system monitor is used.

ANTENNA

Check the antenna and mast for mechanical stability. Make sure that all RF connections are tight.

MECHANICAL

Visually check cables, plugs, sockets, terminal boards and other components for good electrical connections. Check the tightness of nuts, bolts and screws to make sure that nothing is working loose from its mounting.

CLEANING

With the station power turned off, carefully use a vacuum cleaner to remove dust that has accumulated inside the cabinet, and on fans or air filters if present.

TEST AND TROUBLESHOOTING

- NOTE

Stations with continuous duty fans should have the filters cleaned monthly.

The individual Maintenance Manuals for transmitter and receiver contain test procedures and specific troubleshooting procedures to assist in servicing the transmitter and receiver. Also, a System Block Diagram and a Stage Level Diagram are included in this manual as additional service aids.

Refer to Installation Manual LBI-38160 for the station Mechanical Layout Diagrams.

See Figure 4 for installing and removing the SMB-type RF connectors used on the exciter, receiver, and master oscillator.

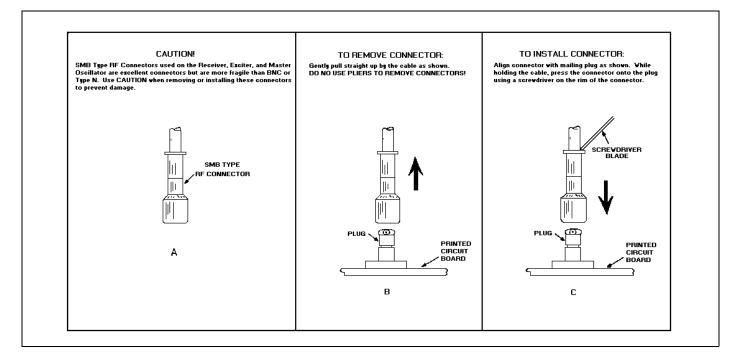
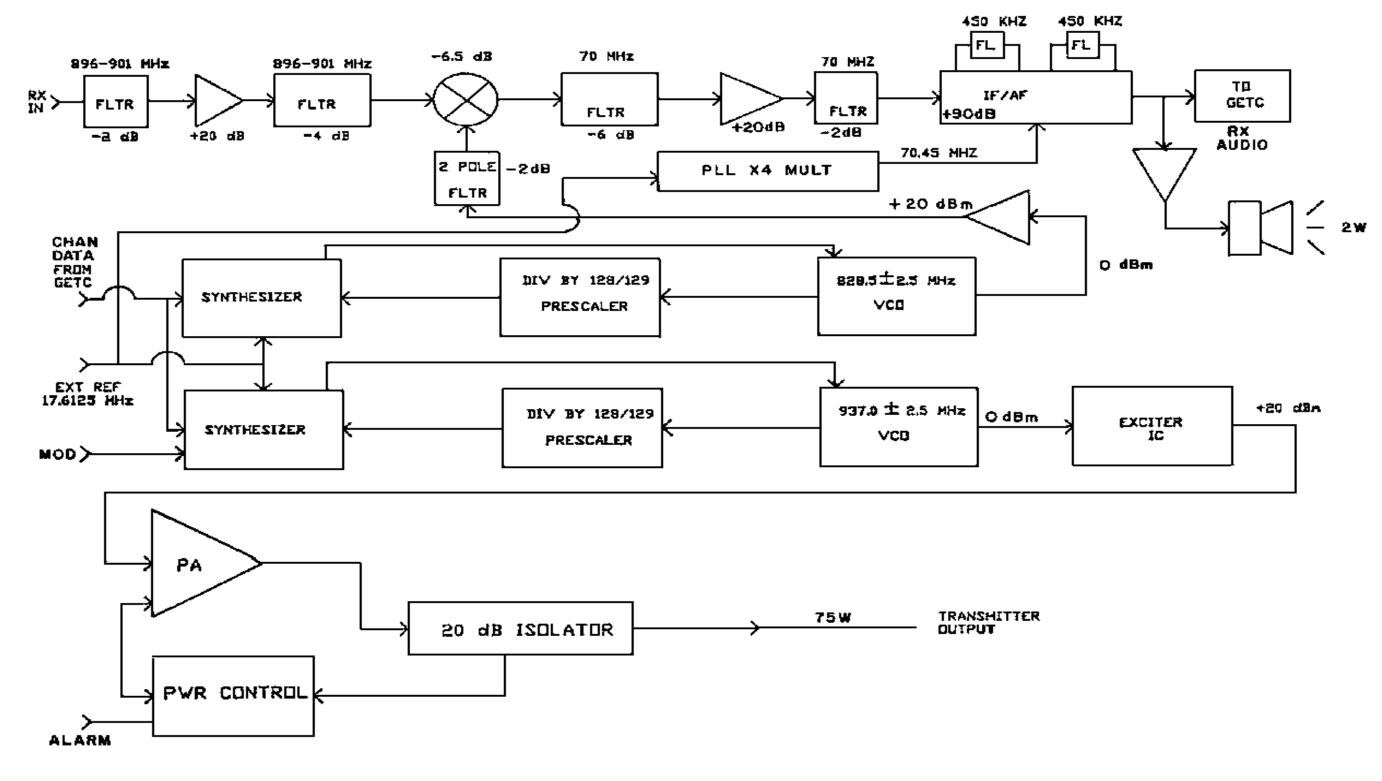
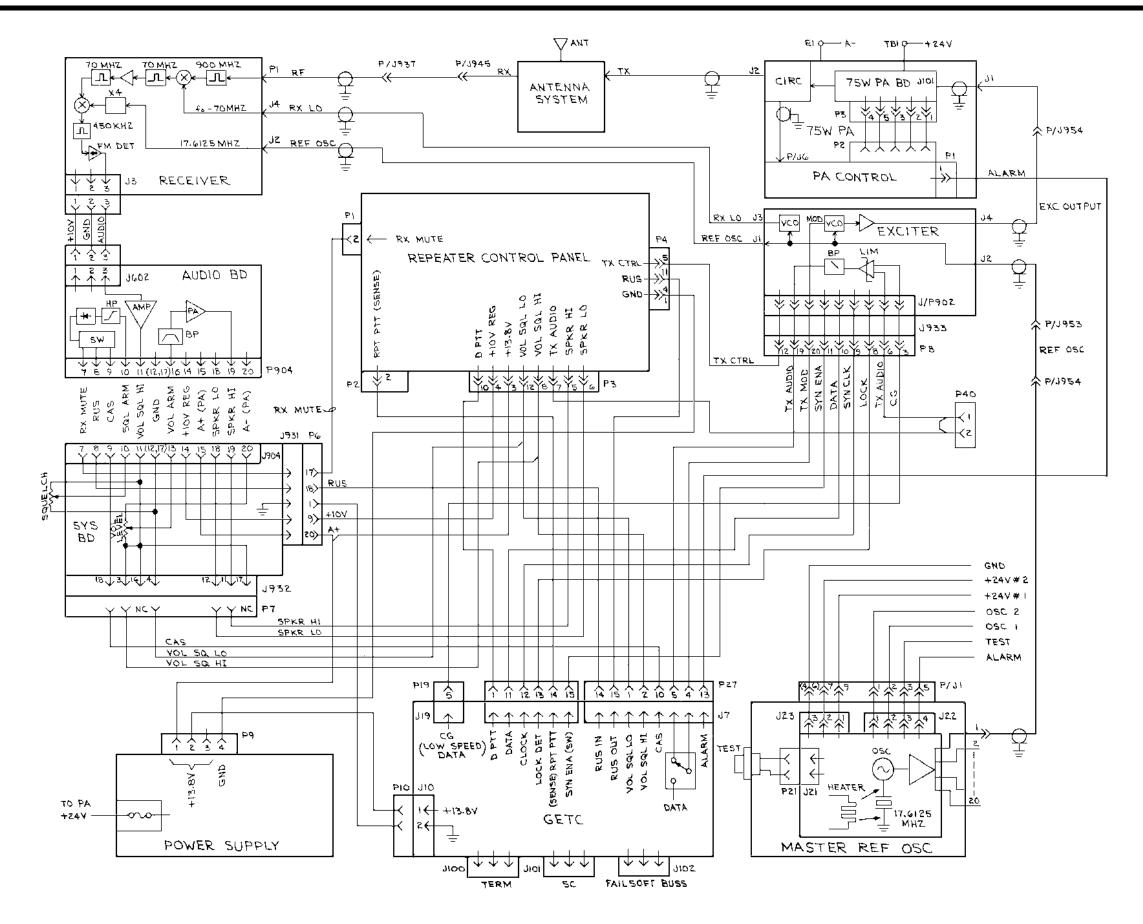


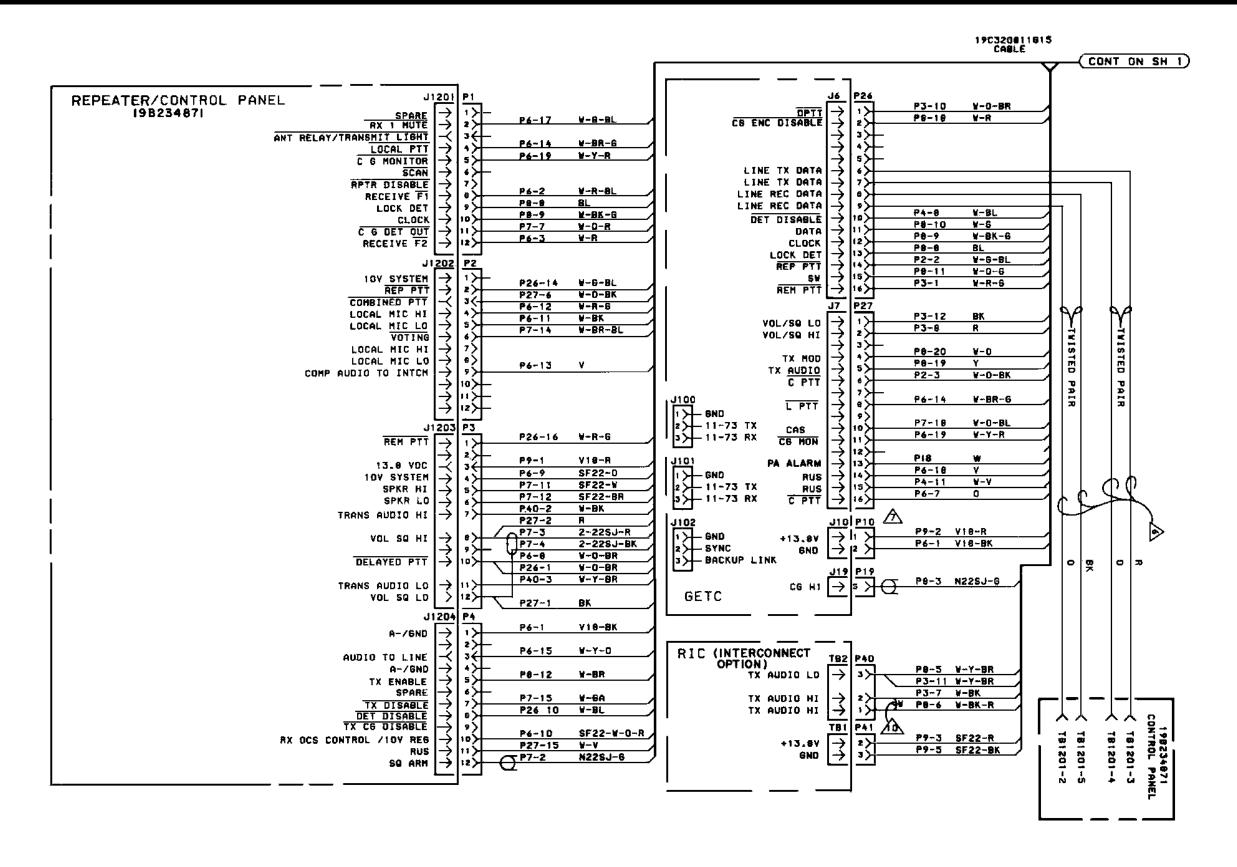
Figure 4 - Installing And Removing SMB Connectors

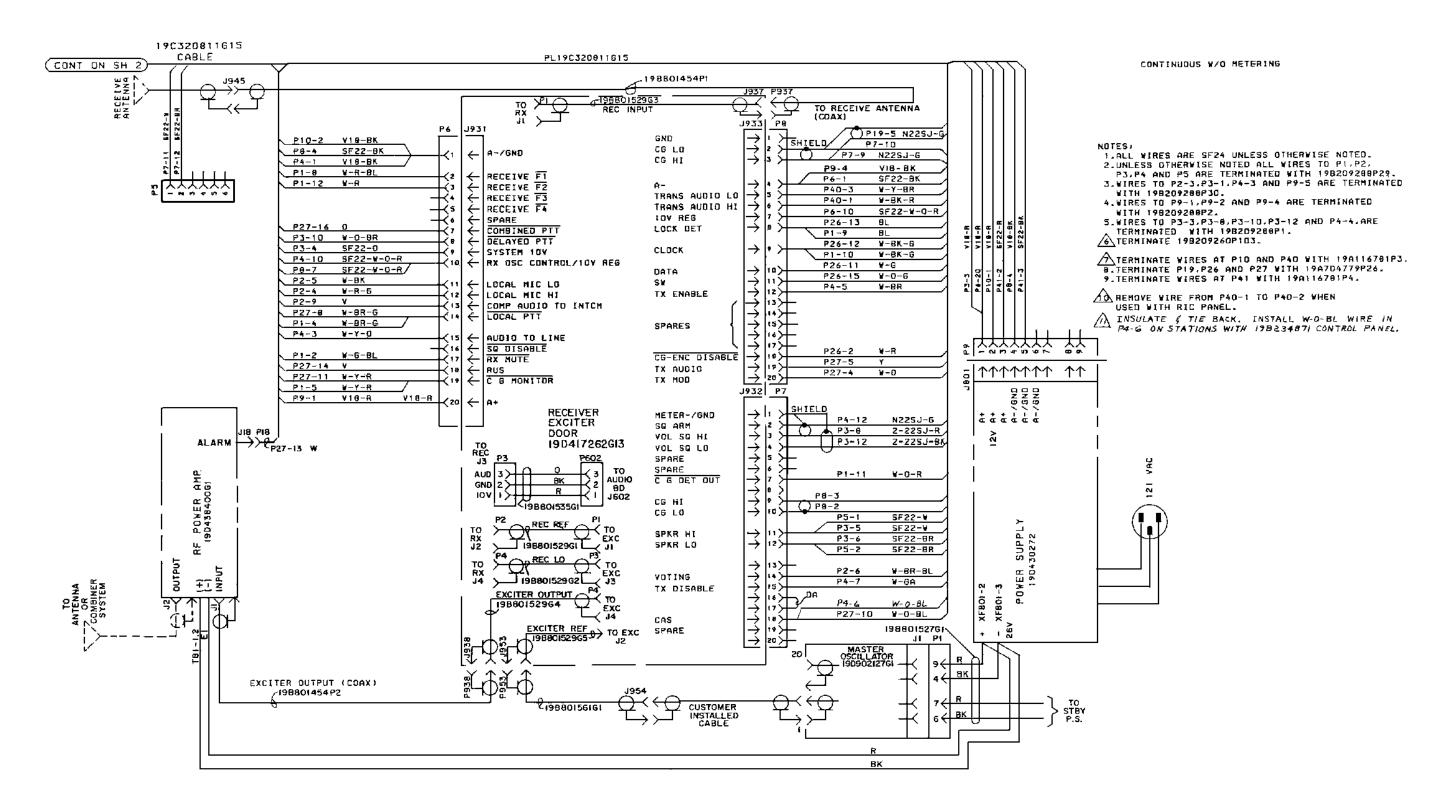


(19B801530, Sh. 1, Rev. 1)

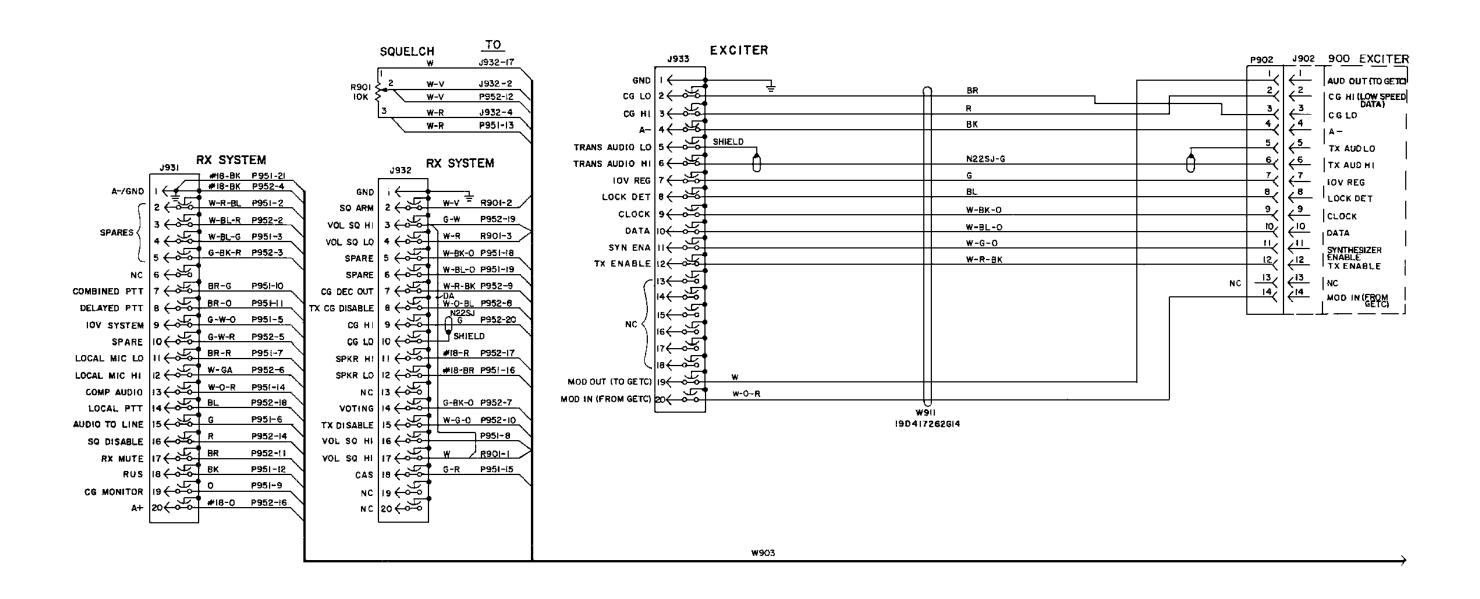


(19D902213, Rev. 2)



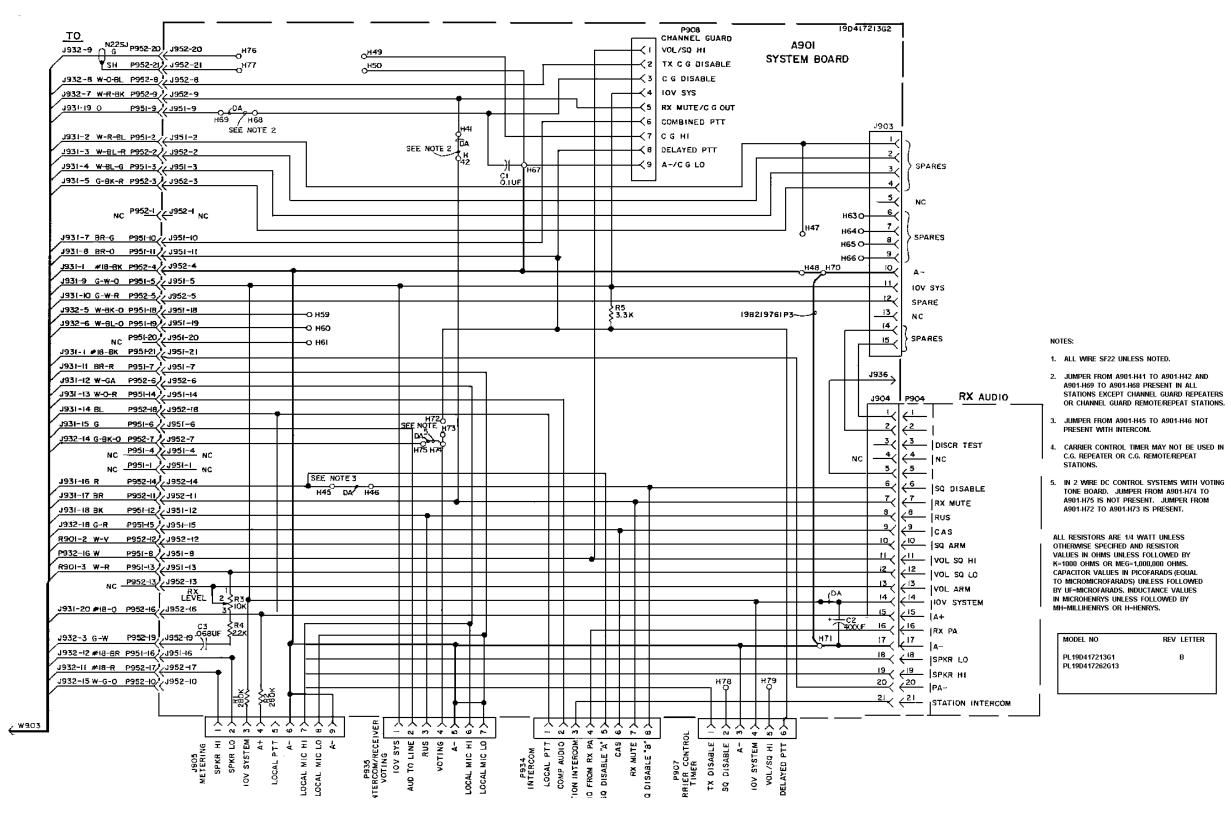


(19D438391, Sh. 1, Rev. 4)



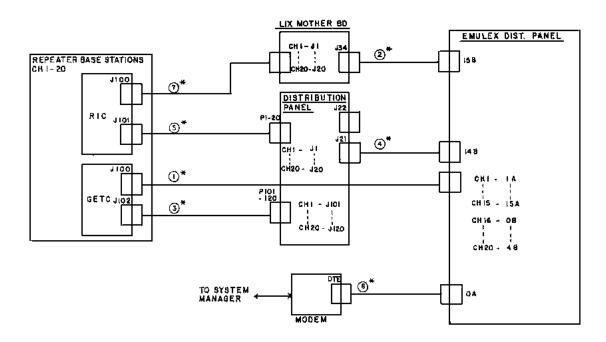
EXCITER-RECEIVER DOOR ASSEMBLY (INCLUDES SYSTEM BOARD)

(19D438424, Sh. 1, Rev. 4)

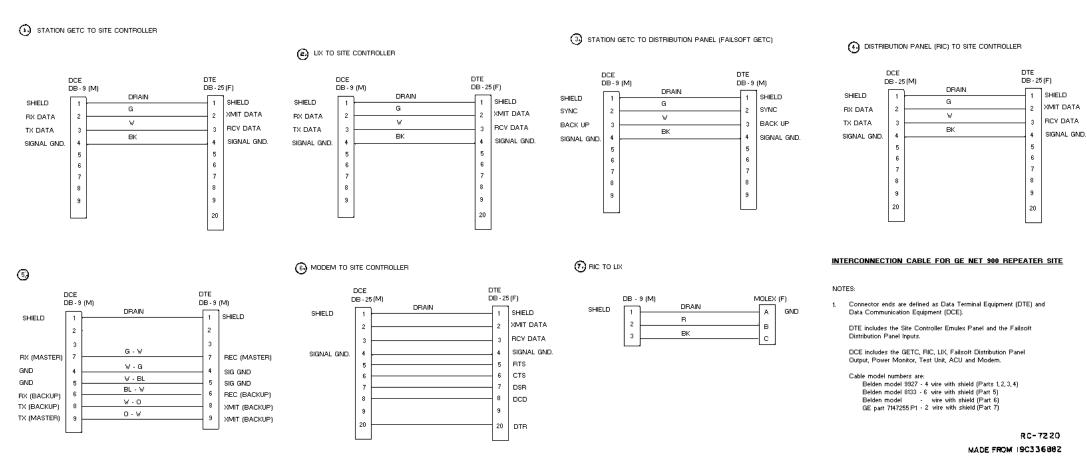


EXCITER-RECEIVER DOOR ASSEMBLY (INCLUDES SYSTEM BOARD)

(19D438424, Sh. 2, Rev. 5)

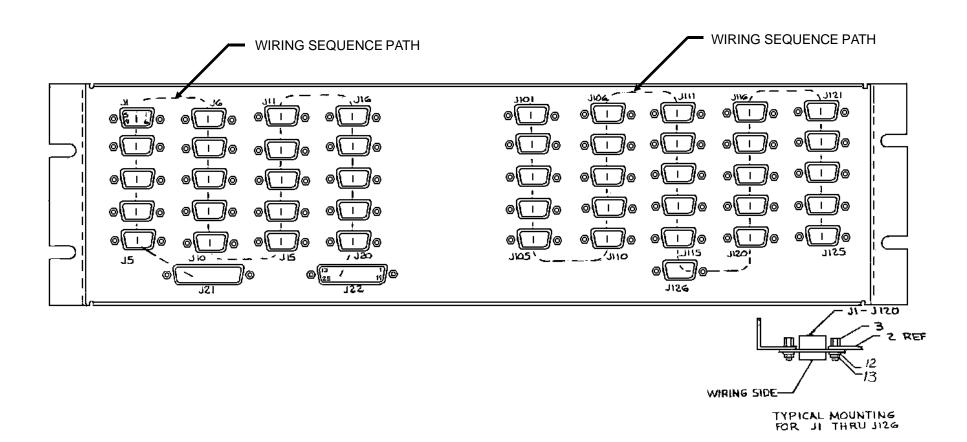


* NUMBER IN CIRCLE REFERS TO CABLE PART SHOWN



	TELEPHONE	INTERCONNECT	r (RIC)				GETC(FAILSO	FT)	
h	ŕ	16	יווי	مئللم	ha	7100	hm	<u>चार</u>	1121
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عنم	۲	ΠÞ	hræ	hso	פטוק	Глло	/115	1150	25 114
	диам	ا 12 ام	BACKUP	h <u>ss labos</u>	9306G REV		113.70		

(19D438306, Rev. 1)



PARTS LIST

DISTRIBUTION PANEL 19D438306G2 ISSUE 1

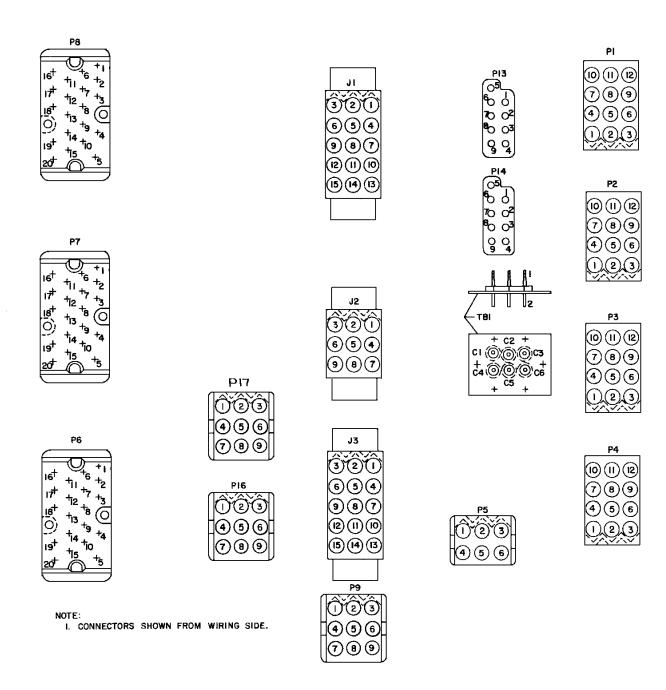
SYMBOL	GE PART NO.	DESCRIPTION
J1 thru J20	198209727P18	Connector, plug, power: contacts 9; sim to AMP 205203-1.
J21 and J22	19B209727P2	Connector, plug, power: contacts 25; sim to AMP 205207-1.
J101 thru J126	1 332 09727P18	Connector, plug, power; contacts 9; sim to AMP 205203-1.
		MISCELLANEOUS
	19B209727P10	Screwlock: female, sim to AMP 205817-1,
	19A115594P2	Grommet,
	19B2 09727P11	Contact, electrical: sim to дмр 1-66504-0.
	19033684603	Panel.

NOTES:

- ALL WIRING IS ST24-W.
 USE AMP TOOL NO. 90302 TO CRIMP WIRE TO ITEM 5.
 USE AMP TOOL NO. 91067-2 TO REMOVE CONTACTS
 FROM HOUSING IF NECESSARY.
- ALL WIRES TO BE 3 INCHES LONG EXCEPT WIRES TO J21 WHICH ARE 4 INCHES LONG.
- 3. FOR JI THRU J20:
 CONNECT ALL PIN 1'S TOGETHER AND CONNECT TO J21-1 AND J22-1.
 CONNECT ALL PIN 1'S TOGETHER AND CONNECT TO J21-7.
 CONNECT ALL PIN 1'S TOGETHER AND CONNECT TO J22-7.
 CONNECT ALL PIN 1'S TOGETHER AND CONNECT TO J22-3.
 CONNECT ALL PIN 1'S TOGETHER AND CONNECT TO J21-3.
 CONNECT ALL PIN 1'S TOGETHER AND CONNECT TO J21-2.
 CONNECT ALL PIN 1'S TOGETHER AND CONNECT TO J21-2.
- 4. FOR JI01 THRU JI28: CONNECT ALL PIN 1'S TOGETHER. CONNECT ALL PIN 2'S TOGETHER. CONNECT ALL PIN 3'S TOGETHER. CONNECT ALL PIN 7'S TOGETHER.

DISTRIBUTION PANEL

LBI-38161 OUTLINE DIAGRAM LBI-38161



STATION HARNESS CONNECTORS

(19C328112, Rev. 2)

LBI-38161 PARTS LIST LBI-38161

PARTS LIST

TATION HARNESS 190320811G15

SYMBOL	GE PART NO.	DESCRIPTION
P1		Connector, Includes:
	19B209288P20	Shell.
	19B209288P29	Contact, electrical: wire size No. 22-30 AWG; sim to Molex 02-09-1141. (P1-2,3,4,7,11).
	19B209288P30	Contact, electrical: male; sim to Molex 02-09-2141. (Pl-1).
P2		Connector, Includes:
	19B209288P20	Shell.
	19B209288P29	Contact, electrical: wire size No. 22-30 AWG; sim to Molex 02-09-1141. (P2-4 thru 9).
	19B209288P30	Contact, electrical: male; sim to Molex 02-09-2141. (P2-3).
P3		Connector, Includes:
	19B209288P20	Shell.
	19B209288P29	Contact, electrical: wire size No. 22-30 AMG; sim to Molex 02-09-1141. {P3-4 thru 8, P3-10 thru 12).
	19B209288P1	Contact, electrical: wire size No. 14-20 AWG; sim to Molex 02-09-1101. (P3-3).
P4		Connector, Includes:
	19B209288P20	Shell.
	19B209288P29	Contact, electrical: wire eige Ng. 22-30 AWG; sim to Molex 02-09-1141. (P4-2,5,7,10,11,12).
	19B209288P30	Contact, electrical: male; sim to Molex 02-09-2141. (P4-3).
	19B209288P1	Contact, electrical: wire size No. 14-20 AWG; sim to Molex 02-09-1101. (P4-1,4).
P5		Connector. Includes:
	19B209288P23	Shell.
	19B209288P29	Contact, electrical: wire size No. 22-30 AWG; sim to Molex 02-09-1141.
P6 thru P8	19A143191G1	Connector. Includes19C330656P1 - SHELL and 19A115791P1 - CONTACTS
P9		Connector. Includes:
	19B209288P4	Shell.
	19B209288P2	Contact, electrical: simito Molex 02-09-2101.
	19B209288P30	Contact, electrical: male; sim to Molex 02-09-2141, (P9-8).
P10	19A116659P17	Connector, printed wiring: sim to Molex 09-50-3041.
P18	19B209288P41	Connector, receptacle: 1 contact, sim to Molex 03-09-1014.
P19	19A700041P32	Connector, printed wiring: 6 contacts, sim to Molex 22-01-2065.
P26 and P27	19A700041P42	Connector, printed wiring: 16 contacts, sim to Molex 22-01-2165.
P40	19A116659P80	Connector, printed wiring: 6 contacts, sim to Molex 09-50-7061.
P41	19A116659P138	Connector, printed wiring: sim to Molex 09-50-7021.
		MISCELLANEOUS · · · ·
	19B209288P20	Shell.
	19B209288P29	Contact, electrical: wire size No. 22-30 AMG; sim to Molex 02-09-1141.

SYMBOL	GE PART NO.	DESCRIPTION
	19B209288P30	Contact, electrical: male; sim to Molex 02-09-2141.
	19B209288P1	Contact, electrical: wire size No. 14-2D AWG; sim to Molex 02-09-1101.
	19A704779P26	Connector, printed wiring: sim to Molex 08-55-0101.
	19A116781P3	Contact, electrical: wire range No. 16-2D AWG; sim to Molex 08-50-0105.
	19B209260P103	Solderless terminal; sim to AMP 60495-1.
	19A116781P4	Contact, electrical: wire range No. 22-26 AWG; sim to Molex 08-50-0107.
	19B209288P42	Contact, electrical: sim to Molex 02-09-5146.

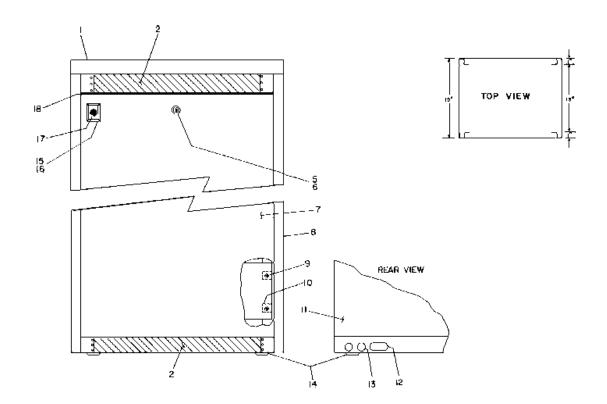
PARTS LIST

EXCITER/RECEIVER DOOR ASSEMBLY 19D417262G13 ISSUE 2

J904 J904 J904 J904 J904 J904 J906 J906 J907 J907 J907 J907 J908	SYMBOL	GE PART NO.	DESCRIPTION
The content of the	A901		
The content of the			
19A116080P106 Polyestor: 0.068 or + or -10%, 50 VDCW.	C1	19A116080P107	
Jan	C2	19A116080P24	Electrotytic: 400 oF +150% -10%, 18 VDCW; sim to Mallory Type TTX.
1903 Connector, Includes: 19A116539P1 Connector, printed wiring: 3 contacts rated at 5 amps; sim to Molex 09-52-3032. 19A116539P4 Connector, printed wiring: 4 contacts rated at 9 amps; sim to Molex 09-32-3062. 19A116539P4 Connector, printed wiring: 3 contacts rated at 9 amps; sim to Molex 09-52-3032. 19A116539P4 Connector, printed wiring: 4 contacts rated at 9 amps; sim to Molex 09-52-3032. 19A116539P4 Connector, 9 contacts. 19A116539P4 Connector, 9 contacts. 19A116539P13 Connector, 9 contacts. 19A116539P13 Connector, printed wiring: 4 contacts rated at 9 amps; sim to Molex 09-64-1041. 19A116539P11 Connector, printed wiring: 4 contacts rated at 9 amps; sim to Molex 09-64-1071. 19A116539P12 Connector, printed wiring: 7 contacts rated at 9 amps; sim to Molex 09-64-1071. 19A116539P12 Connector, printed wiring: 6 contacts rated at 9 amps; sim to Molex 09-64-1071. 19A116539P12 Connector, printed wiring: 6 contacts rated at 19 amps; sim to Molex 09-64-1071. 19A116539P12 Contact, electrical; sim to Molex 08-50-0404. 19A116539P12 Contact, electrical; sim to Molex 08-50-0404. 19A116539P13 Contact, electrical; sim to Molex 08-50-0404. 19A116539P14 Contact, electrical; sim to Molex 08-50-0404. 19A116539P15 Contact, electrical; sim to Molex 08-50-0404. 19A116539P16 Contact, electrical; sim to Molex 08-50-0404. 19A116539P17 Contact, electrical; sim to Molex 08-50-0404. 19A116539P18 Contact, electrical; sim to Molex 08-50-0404. 19A116539P19 Contact, electrical; sim to Molex 08-50-0404. 19A116539P10 Contact, electrical; sim to Molex 08-50-0404. 19A116539P11 Connector: 22 Ekohms + or - 18, 1/4 w. 19A116539P11 Connector: 22 Ekohms + or - 55, 1/4 w. 19A116539P11 Connector: 20 pin contacts. 1	C3	19A116080P106	Polyestor: 0.068 up + or -10%, 50 VDCW.
19A116539P1 Connector, printed wiring: 3 contacts rated at 5 amps; sim to Molex 09-52-3032. 19A116539P4 Connector, printed wiring: 3 contacts rated at 5 amps sim to Molex 09-52-3062. 19A116539P1 Connector, printed wiring: 3 contacts rated at 9 amps sim to Molex 09-52-3032. 19A116539P4 Connector, printed wiring: 6 contacts rated at 9 amps sim to Molex 09-52-3032. 19A116539P4 Connector, printed wiring: 6 contacts rated at 9 amps sim to Molex 09-52-3062. 19A116539P13 Connector, 9 contacts. 19A116539P13 Connector, printed wiring: 4 contacts rated at 9 amps; mim to Molex 09-64-1041. 19A116539P11 Connector, printed wiring: 4 contacts rated at 9 amps; mim to Molex 09-64-1071. 19A116539P12 Connector, printed wiring: 7 contacts rated at 9 amps; mim to Molex 09-64-1071. 19A116539P12 Connector, printed wiring: 6 contacts rated at 9 amps; mim to Molex 09-64-1071. 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. 19A701785P1 Contact, electrica			
J904 J904 J904 J904 J904 J904 J906 J907 J908	J903		Connector, Includes:
Connector, Includes: Connector, printed wiring:] contacts rated at samps/sim to Molex 09-52-1032. 19A116539F4 Connector, printed wiring: 6 contacts rated at samps/sim to Molex 09-32-3062. J936 J9321937402 Connector, 9 contacts. Samps/sim to Molex 09-32-3062. Connector, 9 contacts. Samps/sim to Molex 09-64-1071. J951 Connector, Includes: Connector, printed wiring: 4 contacts rated at samps/sim to Molex 09-64-1071. Connector, printed wiring: 7 contacts rated at samps/sim to Molex 09-64-1071. Samps/sim to Molex 09-64-1071. Connector, printed wiring: 6 contacts rated at samps/sim to Molex 09-64-1071. Connector, printed wiring: 6 contacts rated at amps/sim to Molex 09-64-1071. Contact, electrical; sim to Molex 08-50-0404. Cont		19A116659P1	5 amps; sim to Molex 09-52-3032.
19A116559P1 Connector, printed wiring:] contacts rated at gamps sim to Molex 09-52-1032. 19A116559P4 Connector, printed wiring: 6 contacts rated at gamps: m Molex 09-52-1062. 19B21937402 Connector, 9 contacts. 19A116559P13 Contact, electrical: sim to Bead Chain 193-3. 19A116559P13 Connector, printed wiring: 4 contacts rated at gamps: m Molex 09-64-1841. 19A116559P11 Connector, printed wiring: 4 contacts rated at gamps: m to Molex 09-64-1841. 19A116559P12 Connector, printed wiring: 7 contacts rated at gamps: m to Molex 09-64-1861. 19A116539P12 Connector, printed wiring: 6 contacts rated at amps: sim to Molex 09-64-1861. 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (quantity 9). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (quantity 9). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (quantity 9). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (quantity 9). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (quantity 9). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (quantity 9). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (quantity 9). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (quantity 9). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (quantity 9). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (quantity 9). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (quantity 9). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (quantity 9). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (quantity 9). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (quantity 9). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (quantity 9). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (quantity 9). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (quantity 9). 19A701785P1 Contact, electrical; sim to		19A116659P4	Connector, printed wiring: 6 contacts rated at 5 amps; sim to Molex 09-52-3062,
Samps/sim to Molex 09-52-1032.	J904		Connector, Includes:
Samps sim to Molex 08-52-3052.		19A116659P1	Connector, printed wiring: 3 contacts rated at 5 amps/sim to Molex 09-52-3032.
J836 4033513P4 Contact, electrical: sim to Bead Chain 193-3. J851 Connector. Includes: 19A115B59P13 Connector, printed wiring: 4 contacts rated at 9 amps; min to Molex 09-64-1841. Connector. Includes: 19A115B59P11 Connector, printed wiring: 7 contacts rated at 9 amps; aim to Molex 09-64-1871. 19A115B59P12 Connector, printed wiring: 6 contacts rated at amps; aim to Molex 09-64-1051. P807 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). P908 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). P934 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). P935 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). P936 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). P937 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). P938 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 7). P81 19A701250P444 Metal film: 280K ohms + or - 13, 1/4 w. P82 198209358P108 Variable, carbon film: approx 300 to 10K ohms or 10%, 1/4 w; sim to CTS Type X-201. P84 19A700106P75 Composition: 2.2K ohm + or -58, 1/4 w. Composition: 3.3K ohms + or -58, 1/4 w. CABLE ASSEMBLY 190477283C2 P931 19C303426G1 Connector: 2D pin contacts.		19A11665 9P4	Connector, printed wiring: 6 contacts rated at 5 amps: sim to Molex 09-52-3062.
J951	J905	198219374G2	Connector, 9 contacts.
19A116539P13 Connector, printed wiring: 4 contacts rated at \$\frac{\pi}{\pi}\$ amps; sim to Molex 09-84-1841, Connector, printed wiring: 7 contacts rated at \$\frac{\pi}{\pi}\$ amps; sim to Molex 09-64-181. 19A116539P12 Connector, printed wiring: 7 contacts rated at \$\frac{\pi}{\pi}\$ amps; sim to Molex 09-64-1871. 19A116539P12 Connector, printed wiring: 4 contacts rated at amps; sim to Molex 09-64-1871. Connector, printed wiring: 4 contacts rated at amps; sim to Molex 09-64-1871. Contact, printed wiring: 4 contacts rated at amps; sim to Molex 08-50-0404. Contact, electrical; sim to Molex 08-50-0404. Contac	J936	4033513P4	Contact, electrical: sim to Bead Chain 193-3.
1982 Connector. Includes: 198118659P11 Connector, printed wiring: 7 contacts rated at amps: sim to Molex 09-64-1051. 198118659P12 Connector, printed wiring: 7 contacts rated at amps: sim to Molex 09-64-1051. 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 6). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 198701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9).	J951		Connector, Includes:
19A116559P11 Connector, printed wiring: 7 contacts rated at Samps; sim to Molex 09-64-1071. 19A116559P12 Connector, printed wiring: 6 contacts rated at amps; sim to Molex 09-64-1071. 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 6). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 8). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 8). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 8). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 8). 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 7).		19A116659P13	Connector, printed wiring: 4 contacts rated at 5 amps; sim to Molex D9-64-1841.
### ### #### #### ####################	J952		Connector, Includes:
### ### ### ### ### ### ### ### ### ##		19A116659P11	Connector, printed wiring: 7 contacts rated at 5 amps: aim to Molex 09-64-1071.
P907 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). P908 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 9). P909 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 8). P334 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 8). P335 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 7). P34 19A701250P444 And P12 P14 P15		19A116659P12	Connector, printed wiring: ficontacts rated at amps; sim to Molex U9-64-1061.
### (Quantity 5). ### Contact, electrical; sim to Molex 08-50-0404. (Quantity 8). ### P309			• • • • • • • • PLUGS
P809 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (Quantity 8).	P907	19A701785P1	Contact, electrical; sim to Molex 08-50-0404. (Quantity 6).
P334 19A701785P1 Contact, electrical; sim to Molex 08-50-0404. (quantity 0).	P908	19A701785P1	Contact, electrical, sim to Molex (08-50-0404. (Quantity 9).
Figure F	P909	19A701785P1	Contact, electrical, sim to Molex 08-50-0404. (Quantity 8).
1987012500444 Metal film: 280K ohms + or - 1%, 1/4 w. 1987012500444 Metal film: 280K ohms + or - 1%, 1/4 w. 1987012500444 Metal film: 280K ohms + or - 1%, 1/4 w. 1987012500444 Metal film: 280K ohms + or - 1%, 1/4 w. 1987012500444 Metal film: 280K ohms + or - 1%, 1/4 w. 1987012500444 Metal film: 280K ohms + or - 5%, 1/4 w. 1987	P934	19A701785P1	Contact, electrical; sim to Molex 00-50-0404. (Quantity 0).
Fil and 1987012500444 Metal film: 280K ohms + or - 1%, 1/4 w. Fil	P935	19A701785P1	Contact, electrical; sim to Molex 08-50-0404. (Quantity 7).
and R2 R3 198209358P106 Variable, Carbon film: approx 300 to 10K ohms or 10%, 1/4 w; sim to CTS Type X-201. R4 19A700106P71 Composition: 2.2K ohms + or -5%, 1/4 w. R5 19A700106P75 Composition: 3.3% ohms + or -5%, 1/4 w. W903 CABLE ASSEMBLY 19041726202 J831 19C303426G1 Connector: 2D pin contacts.			RESISTORS
R3	and	1987012500444	Metal film: 280K ohms + or - 1%, 1/4 w.
P4		198209358P106	Variable, carbon film: approx 300 to 10K ohms or 10%, 1/4 w: sim to CMS forms X=201.
### ##################################	R4	19A700106P71	
39041726262	R5		
J931 19C303426G1 Connector: 2D pin contacts.	W903		CABLE ASSEMBLY 19047728202
J931 19C303426G1 Connector: 2D pin contacts.			
		19C3O3426G1	

SYMBOL	GE PART NO.	DESCRIPTION
		PLUGS
P951		Connector, Includes:
and P 952		
	19 A 116659P25	Shell,
	19A116781P3	Contact, electrical; wire range No. 16-20 AMG; sim to Molex 08-50-0105.
	19A116781P4	
		Contact, electrical: wire range No. 32-26 AWG; sim to Molex 08-50-0107.
	19B209519P1	Polarity Tab.
R901	5496870P31	Variable, carbon film: 10K chas + or -20%, six to Mallory LC(25K).
₩911		EXCITER HARNESS 19D417262514
		JACKS
J933	19C3O3426G1	Connector: 20 pin contacts.
		PLUGS
P902		Connector, Includes:
. 302	19A116659P125	Shell.
	19A1 16781P4	Contact, electrical: wire range No. 22-26 AMG; sim to Molex D8 50-010?.
		MISCELLANEOUS
	5491541P302	Spacer. (Used with A901).
	19B226035G1	Support. (Secures door).
	19B226105G2	Support. (Secures door).
	19B234589P1	Pawl. (Part of door latch).
	19C336435P1	Knob. (Part of door latch).
	N193P1208B6	Tap actem, phillips head: No. 6-20 x 1/2. (Part of door latch).
	5493361P8	washer, spring tension. (Part of door latch).
	4 035 66 4P8	Nut, self locking. (Osed to secure supports).
	19 A 115161P2	Sieeving, uncated between self locking nuts and supports).
	19 82 26035G2	Support. (Secures door).
	N402P39B6	Flatwasher: No. 10. (Part of door hinge).
	19A115874P1	Catch, friction. (Latches A901).
	19B201074P305	Tap screw, Phillips POZIDRIV: No. 6-32 x 5/18.
	19A121676P1	Golde pin. (Used with J931-J933).
	19A116496P1	Cable clip. (Secures Exciter to driver cable).
	7115130p9	Lookwasher, interal tools: No. 3/8. (Used with R90) mounting).
	7165075P2	Hex nut, brass: thd. size No. 3/8-32. (Used wit R901 mounting).
	4037158P4	Hubber channel. (Located at edge of door).
	19032067963	Door,
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*COMPONENTS ADDED, DELETED OR CHANGED BY PRODUCTION CHANGES

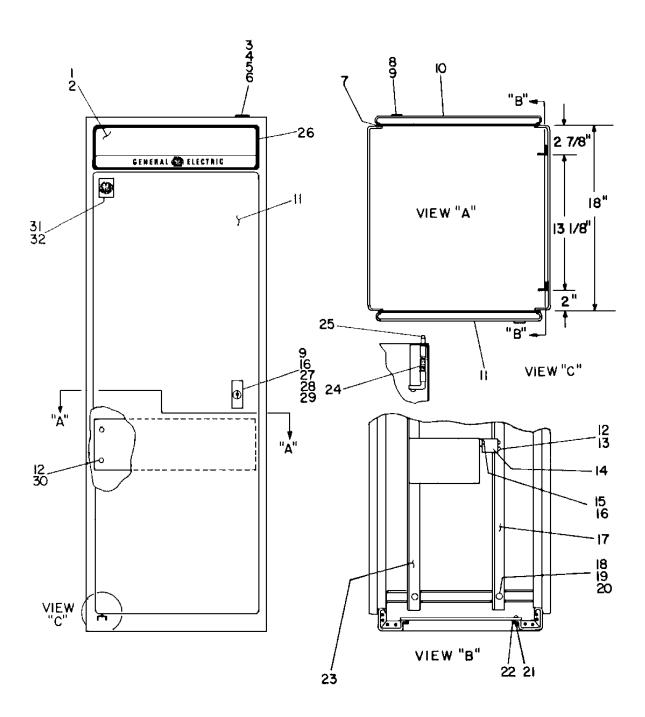


PARTS LIST

DESK MATE STATION CABINET
CONTINUOUS AND INTERMITTANT DUTY
(SEE RC - 2805)

SYMBOL	GE PART NO.	DESCRIPTION
		44 INCH CABINET
1	19C320655P1	Top.
2	19C320654P1	Soreen.
	19C320654P1	
3		(Not Used).
4		(Not Used).
5	5491682P23	Lock. Yale and Towne F6557DX1
6	5491682P4	Key, Yale and Towne BF-10A.
7	19C336302G3	Front door.
	19C320744G9	Front door. (Earlier Models).
8	19D417231G4	Cabinet, (LESS DOORS), (Includes items 1 and 2).
9	19A134011P1	Tap screw: No. 10-16 x 3/4. (Quantity 52).
10	7160861P33	Nut, sheet spring; sim to Tinnerman C19640-10AB - 3B. (Quantity 52).
11	19C336302G4	Rear door.
	19C320744G10	Rear door. (Earlier Models).
12	19A134032P1	Protective plug. (Quantity 1).
13	19A134014P6	Bushing, strain relief: sim to Heyco UB - 1093.
14	19A134015P1	Protective plug: sim to Caplug BPF - 1/2. (Quantity 4).
15	19C311298P1	Frame. (Used with monogram).
16	4031053P7	Nut, sheet spring; sim to Tinnerman C12046 - 012 -67. (Quantiy 1).
17	NP257660	Nameplate.
	1 1	

*COMPONENTS ADDED, DELETED OR CHANGED BY PRODUCTION CHANGES.



PARTS LIST

LBI 4977D

FLOOR MOUNT STATION CABINET 19D417358G3 (SEE RC-2804)

SYMBOL	GE PART NO.	DESCRIPTION
1	19D417623G2	Grille.
2	19B226318P2	Grille plate. (Located under grille).
3	19B219744G2	Strain relief.
4	N80P15008C6	Machine screw: No. 8-32 x 1/2.
5	N210P15C6	Hez nut: No. 8-32.
6	N403P16C6	Lockwasher, external tooth: No. 8.
7	19A126220P1	Gasket, door.
8	19B209539P2	Lock, rear door; sim to Chicago Lock Co. 1703-6T.
9	19B209539P3	Keg; sim to Chicago Lock Co. 1000 GE.
10	19C320756G4	Door, rear. 64 inch.
11	19C320756G3	Door, front. 59 inch.
12	19A134011P1	Tap screw: No. 10-16 x 1-1/8. (Quantity 52).
13	7160861P32	Nut, sheet spring; sim to Tinnerman C1794-10%-24. (Quantity 16).
14	19B226160P2	Support.
15	N80P16008C6	Machine screw: No. 10-32 x 1/2.
16	N403P19C6	Lockwasher: No. 10.
17	19B226094P2	Support.
18	N80P21012C6	Machine screw: No. 1/4-20 x 3/4.
19	N403P25C6	Lockwasher: No. 1/4.
20	N402P41C6	Flatwasher: No. 1/4.
21	N80P15006C6	Machine screw: No. 8-32 x 3/8.
22	7160861P5	Nut, sheet spring; sim to Tinnerman C1505-1032-157
23	19B226094P1	Support.
24	19A129902P1	Spring.
25	19B226088P1	Pin hinge.
26	19B226092G1	Frame.
27	19B209539P1	Lock, front; sim to Chicago Lock Co. 4260-1.
28	N80P16007C6	Machine screw: No. 10-32 x 7/16.
29	N210P16C6	Hex nut: No. 10-32.
30	7160861P31	Nut, sheet spring; sim to Tinnerman C18610-031.
31	NP257660	Nameplate. (GE).
32	4031053P7	Nut, sheet spring; sim to Tinnerman C12046-012-67.

^{*}COMPONENTS ADDED, DELETED OR CHANGED BY PRODUCTION CHANGES.

PARTS LIST

LBI-38168 GE NET 900 STATION HARDWARE KITS

SYMBOL	GE PART NO.	DESCRIPTION
		GETC PANEL 19A130031G30
	7160861P33	Nut, sheet spring: sim to Tinnerman C19640-19AB-600.
	19A134011P1	Tap screw: No. 10-16 x 3/4.
	N403P13B6	Lockwasher: No. 6.
	N403P16B6	Lockwasher, internal tooth: No. 8.
	N403P19B6	Lockwasher: No. 10.
	N210P13B6	Nut, steel: No. 6 - 32,
	N80P15008B6	Machine screw, panhead: No. 8 - 32 x 1/2.
	N80P13008B6	Machine screw, panhead: No. 6 - 32 x 1/2.
	NB0P13005B6	Machine screw, panhead: No. 6 - 32 x 5/16.
	19A7G1863P19	Loop clamp: sim to Weckesser 3/8-6.
	N402P37B6	Platwasher: No. 6.
	19B234899P1	Brace, steel.
	19A702104P2	Connector: gold plated, two position shorting; sim to: Berg 65474-003.
	19B801468P1	Locking plate, left side.
	19B80146BP2	Locking plate, right side.
	19B209727P10	Screwlock; female, sim to Amp 205-817-1.
		CONTROL PANEL 19A130031G31
	7160861P33	Nut, sheet spring: sim to Tinnerman C19640-19AB-600.
	19A134011P1	Tap screw: No. 10-16 x 3/4.
	N403P13B6	Lockwasher: No. 6.
	N403P16B6	Lockwasher, internal tooth: No. 8.
	N403P19B6	Lockwasher: No. 10.
	N80P15008B6	Machine screw, panhead: No. 8 - 32 x 1/2.
	N80P13008B6	Machine screw, panhead: No. 6 - 32 x 1/2.
	19A701863P19	Loop clamp: sim to Weckesser 3/8-6.
	N402P37B6	Flatwasher: No. 6.
	19B234899PI	Brace, steel.
	198801468P1	Locking plate, left side.
	198801468P2	Locking plate, right side.
	19A115594P2	Grommet.
		GETC PIELD KIT 19A130031G32
	7160861P33	Nut, sheet spring: sim to Tinnerman Cl9640-19AB-600.
	19A134011P1	Tap screw: No. 10-16 x 3/4.
	N403P13B6	Lockwasher: No. 6.
	N403P16B6	Lockwasher, internal tooth: No. 8.
	N403P19B6	Lockwasher: No. 10.
	N210P13B6	Nut, steel: No. 6 - 32.
	N80P15008B6	Machine screw, panhead; No. 8 - 32 x 1/2.
	N80P13008B6	Machine screw, panhead: No. 6 - 32 x 1/2.
	NBOP13005B6	Machine screw, panhead: No. 6 - 32 x 5/16.
	19A701863P19	Loop clamp: sim to Weckesser 3/8-6.
	N402P37B6	Flatwasher: No. 6.

SYMBOL	GE PART NO.	DESCRIPTION
	19B234899P1	Brace, steel.
	19A702104P2	Connector: gold plated, two position shorting; sim to: Berg 65474-003.
	198801468Pl	Locking plate, left side.
	19B801468P2	Locking plate, right side.
	198209727P10	Screwlock; female, sim to Amp 205-817-1.
		EXCITER/RECEIVER DOOR 19A130031G33
	19Al16773P108	Tap screw, Phillips POZIDRIV: No. 7-19 x 1/2.
	19B201074P306	Tap screw, Phillips POZIDRIV: No. 6-32 x 3/8.
	19B201074P310	Tap screw, Phillips POZIDRIV: No. 6-32 x 5/8.
	7147306P2	Insulator, bushing: No. 6, black pressed fiber sim to H.H. Smith Inc 2150.
	19B201074P308	Tap screw, Phillips POZIDRIV: No. 6-32 x 1/2.
	19B201074P305	Tap screw, Phillips POZIDRIV: No. 6-32 x 5/16.
	N80P13006B6	Machine screw, phillips head: No. 6-32 x 3/8.
	N402P67B6	Flatwasher, wide: No. 6.
	19B201955P11	Spacer, threaded.
	NB0P13007B6	Machine screw, panhead: No. 6 - 32 x 7/16.
	19A701863P13	Cable clip.
		CONTROL PANEL 19A130031G34
	N80P15016B6	Machine screw, panhead: No. 8 - 32 x 1.
	N80P13016B6	Machine screw, panhead: No. 6 - 32 x 1.
	19A115161P2	Sleeving.
	4035664P8	Nut, self locking.
	19B201074P305	Tap screw, Phillips POZIDRIV: No. 6-32 x 5/16.
	N4G4P13B6	Lockwasher, internal tooth: No. 6.
	7141225P3	Hex Nut: No. 6-32.
		69" CABINET DUAL RACK 19Al3003lG35
	7160861P33	Nut, sheet spring: sim to Tinnerman C19640-19AB-600.
	19A134011P1	Tap screw: No. 10-16 x 3/4.
	1982091039506	Tap screw, hex head: No. 10-32 x 3/8.
	7160861P5	Nut, sheet spring: sim to Tinnerman C1505-1032-24D.
	19A134014P6	Bushing, strain relief: sim to Heyco UB-1093.
	19A134032P1	Protective plug.
	N403P13B6	Lockwasher: No. 6.
	N403P16B6	Lockwasher, internal tooth: No. 8.
	N403P19B6	Lockwasher: No. 10.
	19A136621G1	Ground cable: 10 inches long.
	19J706152P8	Retaining strap: sim to Dennison Bar-lok 0847
	N402P7B6	Platwasher, narrow: No. 6.
	N402P8B6	Flatwasher, steel: No. 8.
	N80P16008B6	Machine screw, panhead: No. 10 - 32 x 1/2.
	N210P16B6 N84P16D08B6	Nut, steel: No. 10 - 32. Machine screw, flat head: No. 10 - 32 x 1/2.
	19A115594P2	Grommet.
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MBOL	GE PART NO.	DESCRIPTION
		44" CABINET 19A130031G36
	7160861233	Nut, sheet spring: sim to Tinnerman Cl9640-19AB-600.
	19A134011P1	Tap screw: No. 10-16 x 3/4.
	198209103P506	Tap screw, hex head: No. 10-32 x 3/8.
	N403P13B6	Lockwasher: No. 6.
	N403P16B6	Lockwasher, internal tooth: No. 8.
	N403P19B6	Lockwasher: No. 10.
	19A136621G1	Ground cable: 10 inches long,
	19J706152P8	Retaining strap: sim to Dennison Bar-lok 08470.
	N402P7B6	Flatwasher, narrow: No. 6.
	N402P8B6	Flatwasher, steel: No. 8.
	N402P39B6	Flatwasher: No. 10.
	N187P16008B6	Machine screw, slotted: No. 10 - 32 x 1/2.
		69" CABINET SINGLE RACK 19A130031G37
	7160861P5	Nut, sheet spring: sim to Tinnerman C1505-1032-240.
	7160861P33	Nut, sheet spring: sim to Tinnerman C19640-19AB-600.
	19A134011P1	Tap screw: No. 10-16 x 3/4.
	19A134014P6	Bushing, strain relief: sim to Heyco UB-1093.
	19A134032P1	Protective plug.
	19B219744G2	Strain relief assembly.
	19B209103P506	Tap screw, hex head: No. 10-32 x 3/8.
	19A136621G1	Ground cable: 10 inches long.
	N403P13B6	Lockwasher: Wo. 6.
	N403P16B6	Lockwasher, internal tooth: No. 8.
	N403P19B6	Lockwasher: No. 10.
	19J706152P8	Retaining strap: sim to Dennison Bar-lok 08470.
	N402P7B6	Flatwasher, narrow: No. 6.
	N402P8B6	Flatwasher, steel: No. B.
	N80P16008B6	Machine screw, panhead: No. 10 - 32 x 1/2.
	N80P15008B6	Machine screw, panhead: No. 8 - 32 x 1/2.
	N210P15B6	Nut, hex: No. 8-32.
	N210P16B6	Nut, steel: No. 10 - 32.
	N84P16008B6 19A115594P2	Machine screw, flat head: No. 10 - 32 x 1/2. Grommet.
		STATION PANEL
		19A149326G1
	19033681191	Slide.
	NB0P1300BB6	Machine screw, panhead: No. 6 - 32 x 1/2.
	N210P13B6	Nut, steel: No. 6 - 32.
	N404P13B6	Lockwasher, internal tooth: No. 6.
	19A149327G1	Ground cable.
	19B201074P305	Tap screw, Phillips FOZIDRIV: No. 6-32 x 5/16.
	N80P13004B6	Machine Screw: No. 6-32 x 1/4.
		MASTER OSCILLATOR 19A149537G1
	19A134011P1	Tap screw: No. 10-16 x 3/4.
	N403P19B6	Lockwasher: No. 10.
	7160861P33	Nut, sheet spring: sim to Tinnerman C19640-19AB-600.

PARTS LIST

LBI-38167 GE-NET 900 STATION CABLES

15 77 15 16 16 18	776570P1 9B209044P24 776570P1 9B209044P24 9B209727P12 9B209727P21 9B209727P30 9A705653P1	TRN STATION MASTER OSCILLATOR CABLE 19A149518G1 Connector, plug, (BNC Series). Cable, radio frequency: sim to Essex 21-31- ONE STATION MASTER OSCILLATOR CABLE 19A149538G2 Connector, plug, (BNC Series). Cable, radio frequency: sim to Essex 21-31- TEN STATION DISTRIBUTION PANEL CABLE 19A149538G3 Contact. Shell. Connector, plug, power. Cable, special purpose. VCO INPUT CABLE 19B801529G1 RF Cable, approximately 20 inches long.
15 77 15 16 16 18	98209044P24 776570P1 98209044P24 98209727P12 98209727P21 98209727P30 9A705653P1	Cable, radio frequency: sim to Essex 21-31. ONE STATION MASTER OSCILLATOR CABLE 19A149538G2 Connector, plug, (BNC Series). Cable, radio frequency: sim to Essex 21-31. TEN STATION DISTRIBUTION PANEL CABLE 19A149538G3 Contact. Shell. Connector, plug, power. Cable, special purpose. VCO INPUT CABLE 19B801529G1
77 19 16 16 18 18	776570P1 9B209044P24 9B209727P12 9B209727P21 9B209727P30 9A705653P1	ONE STATION MASTER OSCILLATOR CABLE 19A14953862 Connector, plug, (BNC Series). Cable, cadio frequency: sim to Essex 21-31: TEN STATION DISTRIBUTION PANEL CABLE 19A14953863 Contact. Shell. Connector, plug, power. Cable, special purpose. VCO INPUT CABLE 19B80152961
19 19 19 18	98209727P12 98209727P12 98209727P21 98209727P30 98705653P1	MASTER OSCILLATOR CABLE 19A14953862 Connector, plug, (BNC Series). Cable, radio frequency: sim to Essex 21-31 TEN STATION DISTRIBUTION PANEL CABLE 19A149538G3 Contact. Shell. Connector, plug, power. Cable, special purpose. VCO INPUT CABLE 19B801529G1
19 19 19 18	98209727P12 98209727P12 98209727P21 98209727P30 98705653P1	Cable, radio frequency: sim to Essex 21-31 TEN STATION DISTRIBUTION PANEL CABLE 19A149538G3 Contact. Shell. Connector, plug, power. Cable, special purpose. VCO INPUT CABLE 19B801529G1
19 19 18 19	98209727Pl2 98209727P21 98209727P30 98705653P1	TEN STATION DISTRIBUTION PANEL CABLE 19A1495J8GJ Contact. Shell. Connector, plug, power. Cable, special purpose. VCO INPUT CABLE 19B801529GI
15	98209727P21 98209727P30 98705653P1	DISTRIBUTION PANEL CABLE 19A149538G1 Contact. Shell. Connector, plug, power. Cable, special purpose. VCO INPUT CABLE 19B801529G1
15	98209727P21 98209727P30 98705653P1	Shell. Connector, plug, power. Cable, special purpose. VCO INPUT CABLE 19880152961
15	98209727 P30 9 A 705653P1 98800560 P 2	Connector, plug, power. Cable, special purpose. VCO INPUT CABLE 19B801529G1
15	98705653P1 98800560P2	Cable, special purpose. VCO INPUT CABLE 19B801529G1
15	98800560 P2	VCO INPUT CABLE 19B801529G1
		19B801529G1
		RF Cable, approximately 20 inches long.
19	11705515-5	17
I	9A705512P3	Connector, RF SMB series: sim to AMP 22821
		LOCAL OSCILLATOR CABLE 198801529G2
19	9B800560P2	RF Cable, approximately 10 inches long.
19	9A705512P3	Connector, RF SMB series: sim to AMP 22821
		ANTENNA CABLE 198801529G3
19	9B800560P2	RF Cable, approximately 13 inches long.
19	9A705512P3	Connector, RF SMB series: sim to AMP 22821
P953 19	9A115938P20	Connector, coaxial: (BNC Series); sim to Amphenol 31-318-1001,
		EXCITER OUTPUT CABLE 19B#01529G4
15	9B800560P2	RF Cable, approximately 4.5 inches long.
15	9A705512P3	Connector, RF SMB series: sim to AMP 22821
P953 19	9A115938P20	Connector, coaxial: (BNC Series); sim to Amphenol 31-318-1001,
		SYNTHESIZER OUTPUT CABLE 198801529G5
15	9B800560P2	RF Cable, approximately 11 inches long.
	9A705512P3	Connector, RF SMB series: sim to AMP 22821
P953 19	9A115938P20	Connector, coaxial: (BNC Series); sim to Amphenol 31-318-1001.

*COMPONENTS ADDED, DELETED OR CHANGED BY PRODUCTION CHANGES.