DATA SET 208A-L1

TRANSMITTER–RECEIVER

WIRING INFORMATION

1. GENERAL

1.01 This section contains wiring information for data set 208A-L1. The information is in a tabular format and reflects the terminations that appear on the backplane of the data set.

1.02 The purpose of this section is to provide wiring information to be used when a continuity check of the backplane wiring is to be made. It is assumed that tests have been performed on the facilities, circuit packs, and connecting cables, and the most likely source of trouble is the wiring of data set 208A-L1.

1.03 The tables in this section may be used to locate and repair troubles such as a broken wire on the backplane. Normally, troubles of this nature require the return of the set to the Western Electric Company service center for repair. However, when circumstances do not permit the return of the set, this section will enable local repair of the set.

1.04 The only tools required are normal installation tools and a volt-ohm-milliammeter.

2. WIRING VERIFICATION INFORMATION

2.01 The following steps should be performed prior to starting a continuity check of the wiring.

(1) Disconnect power, line, and interface cables

(2) Remove front and rear covers.

(3) Remove all circuit packs.

(4) Inspect the wiring for frayed or broken wires and broken connectors. For information on removing the covers and circuit packs, refer to the section entitled Data Set 208A-L1, Transmitter-Receiver, Installation and Connections (592-027-200).

Note: The customer and telephone connector panel at the rear of the set must be removed to gain access to the J16 and J19 connectors.

2.02 All wiring, except for power and ground wires, is color-coded green. The power and ground leads are color-coded as follows:

- Orange: −12 Volts
- Blue: −6 Volts
- Red: +12 Volts
- Red-White: +5 Volts
- Black: Signal and Frame Grounds.

2.03 Table A lists the terminal strip or connectors on which the wiring is located, the circuit pack(s) associated with the particular connector, the circuit pack functions, and the wiring table associated with the particular connector(s). Refer to Fig. 1 for the location of the J connectors and power supply terminal strip. Tables B through N list terminal-to-terminal connections and the mnemonic designation of each wire.

2.04 For convenience, the customer interface, telephone interface, 83A power supply terminal and bus bar tables are listed first. The rest of the tables are in numerical sequence starting with J1.

Note: The abbreviation NC is used to designate no connections.

TABLE A

TERM. STRIP OR CONNECTOR	CIRCUIT PACK OR APPARATUS	FUNCTION	TABLE
J17	—	Customer Interface	B
P18	—	Telephone Interface	
Term. Strip	83A Power Supply	Provide Power & Ground	C
Term. Strip	Bus Bar	Battery and Ground Connections	D
J1	HG12	Tap Attenuators	E
J2	HG12	Tap Attenuators	
J3	HG1*	Oscillator and Digital Demodulator	F
J4	HG13	Phase Arithmetic and Tap Control Logic	
J5	HG15	Tapped Delay Line	G
J6	HG11	Equalizer Common Circuitry	
J7	HG16	Low-Pass Filter, Tuned Tank Filter, Phase Quadrature Network, Tapped Delay Line	H
J8	HG2	Common Countdown and Timing Recovery	
J9	HG3	Multiple Demodulator and Data Recovery	I
J10	HG7	Modulator, Slicer, Carrier-On Detector, Quality Monitor, and Summing Amplifier	
J11	HG4	Receiver and Equalizer Control Circuitry	J
J12	HG14	Filters	
J12A	—	NC	K
J13	HG8	D/A Converter, Amplifiers, and Analog Clock Circuits	
J13A	HG17	Scrambler and Descrambler	L
J14	HG5	Phase Modulator	
J15	HG6	Start Sequence Generator and Word Encoder	M
J16	HG9	Compromise Equalizer and Interface I, Interface II, and Lamp Circuit	
J19			N

* HG1 CP has been replaced by HG21 CP on later model sets.

TABLE B

FROM J17 (CUST INTER-FACE) TERM.	TO	FUNCTION
1	Frame Grd (Power Supply Strip)	Frame Grd
2	J16, 17	SD
3	J16, 18	RD
4	J16, 19	RS
5	J19, 11	CS
6	J19, 26	DSR
7	J16, 16	Digital Grd
8	J19, 5	COD
9	J16, 22	CI9
10	J16, 23	CI10
11	J19, 10	QM
12	NC	NC
13	NC	NC
14	J19, 21	NS
15	J16, 3	SCT
16	J16, 4	DCT
17	J16, 5	SCR
18	J16, 20	DCR
19	NC	NC
20	NC	NC
21	J16, 7	COV
22	NC	NC
23	NC	NC
24	J16, 24	SCTE
25	J16, 25	CI25

FROM P18 (TEL INTER-FACE) TERM.	TO	FUNCTION
1	NC	NC
2	J19, 15	−12V
3	J19, 1	+5V
4	NC	NC
5	NC	NC
6	NC	NC
7	J19, 6	DT1
8	J19, 7	DR1
9	J19, 23	DT
10	J19, 8	DR
11	J19, 16	Digital Grd
12	NC	NC
13	J19, 9	KTU
14	NC	NC
15	NC	NC
16	NC	NC
17	NC	NC
18	NC	NC
19	NC	NC
20	J19, 2	+12V
21	NC	NC
22	NC	NC
23	NC	NC
24	NC	NC
25	NC	NC

TABLE C

83A POWER SUPPLY TERMINALS

FROM 83A POWER SUPPLY TERMINAL	TO
1 (—12V)	J1, 15
2 (—6V)	J1, 14
3 (Alarm)	J19, 24
4 (+12V)	J1, 2
5 (+5V)	Bat 1 (Bus Bar) (2-Wires)
6 (SG)	Grd 1 (Bus Bar) (2-Wires) J1, 13
7 (FG)	J17, 1

Note: SG and FG are factory-strapped.

TABLE D

FROM BUS BAR TERM.		TO	FUNCTION
	1	83A, 5*	+5V
	2	J3, 1	+5V
	3	NC	NC
	4	J4, 1	+5V
	5	NC	NC
	6	J6, 1	+5V
	7	NC	NC
	8	J8, 1	+5V
Battery	9	J9, 1	+5V
	10	J10, 1	+5V
	11	J11, 1	+5V
	12	NC	NC
	13	NC	NC
	14	NC	NC
	15	J13A, 1	+5V
	16	J14, 1	+5V
	17	J15, 1	+5V
	18	J16, 1/J19, 1	+5V
	1	83A, 6*	DG
	2	J3, 16	DG
	3	NC	NC
	4	J4, 16	DG
	5	NC	NC
	6	J6, 16	DG
	7	NC	NC
	8	J8, 16	DG
Ground	9	J9, 16	DG
	10	J10, 16	DG
	11	J11, 16	DG
	12	NC	NC
	13	NC	NC
	14	NC	NC
	15	J13A, 16	DG
	16	J14, 16	DG
	17	J15, 16	DG
	18	J16, 16/J19, 16	DG

* 2-Wires

Note: FG to SG is factory-strapped.

TABLE E

FROM J1 TERM.	TO	FUNCTION
1	NC	NC
2	J2, 2/83A, 4	+12V
3	J4, 3	IN3B
4	J1, 9	ETAP3B
5	J4, 5	IN2B
6	J4, 6	IN1B
7	J2, 7	CVN
8	J2, 8	CVP
9	J1, 4/J7, 10	ETAP6B
10	J4, 10	IN5B
11	J4, 11	IN4B
12	J1, 21	ETAP4B
13	83A, 6	Analog Grd
14	83A, 2/J5, 14	—6V
15	83A, 1/J2, 15	—12V
16	NC	NC
17	J1, 18	GSUM
18	J1, 17/J1, 20	GSUM
19	J1, 28	ETAP2B
20	J1, 18/J2, 20	GSUM
21	J1, 12/J5, 12	ETAP1B
22	J2, 22	RV2
23	NC	NC
24	J4, 9	IN6B
25	J2, 25	RV1
26	J1, 27	HSUM
27	J1, 26/J1, 29	HSUM
28	J1, 19/J7, 3	ETAP5B
29	J1, 27/J2, 29	HSUM
30	NC	NC

FROM J2 TERM.	TO	FUNCTION
1	NC	NC
2	J1, 2/J5, 2	+12V
3	J4, 18	IN3A
4	J2, 9	ETAP3A
5	J4, 20	IN2A
6	J4, 21	IN1A
7	J1, 7/J6, 6	CVN
8	J1, 8/J6, 8	CVP
9	J2, 4/J5, 3	ETAP6A
10	J4, 25	IN5A
11	J4, 26	IN4A
12	J2, 21	ETAP4A
13	J1, 13/J3, 13	Analog Grd
14	NC	NC
15	J1, 15/J3, 15	—12V
16	NC	NC
17	J2, 18/J6, 3	GSUM
18	J2, 17/J2, 20	GSUM
19	J2, 28	ETAP2A
20	J1, 20/J2, 18	GSUM
21	J2, 12/J5, 11	ETAP1A
22	J1, 22/J6, 7	RV2
23	NC	NC
24	J4, 24	IN6A
25	J1, 25/J6, 9	RV1
26	J2, 27/J6, 11	HSUM
27	J2, 26/J2, 29	HSUM
28	J2, 19/J5, 4	ETAP5A
29	J1, 29/J2, 27	HSUM
30	NC	NC

TABLE F

FROM J3 TERM.	TO	FUNCTION
1	Bat. 2 (Bus Bar)	+5V
2	NC	NC
3	NC	NC
4	J10, 3	IFPM
5	J9, 3	9C
6	NC	NC
7	J4, 7	DCR1
8	J3, 23	T4B
9	J3, 24	T6B
10	J3, 25	T5B
11	J3, 26	T2B
12	J3, 27	T1B
13	J2, 13/J5, 13	Analog Grd
14	J3, 29	T3B
15	J2, 15/J5, 15	−12V
16	Grd 2 (Bus Bar)	Digital Grd
17	J4, 17	$\overline{7B}$
18	J4, 4	$\overline{8B}$
19	J4, 19	$\overline{9B}$
20	J4, 8	$\overline{6B}$
21	J6, 21	$\overline{5B}$
22	J6, 5	$\overline{4B}$
23	J3, 8	T4A
24	J3, 9	T6A
25	J3, 10	T5A
26	J3, 11	T2A
27	J3, 12	T1A
28	J9, 10	$\overline{1B}$
29	J3, 14	T3A
30	J8, 12	460.8K

FROM J4 TERM.	TO	FUNCTION
1	Bat. 4 (Bus Bar)	+5V
2	NC	NC
3	J1, 3	IN3B
4	J3, 18	$\overline{8B}$
5	J1, 5	IN2B
6	J1, 6	IN1B
7	J3, 7/J8, 10	DCR1
8	J3, 20/J6, 4	$\overline{6B}$
9	J1, 24	IN6B
10	J1, 10	IN5B
11	J1, 11	IN4B
12	NC	NC
13	NC	NC
14	NC	NC
15	NC	NC
16	Grd 4 (Bus Bar)	Digital Grd
17	J3, 17	$\overline{7B}$
18	J2, 3	IN3A
19	J3, 19	$\overline{9B}$
20	J2, 5	IN2A
21	J2, 6	IN1A
22	J8, 9	$\overline{EFM}$
23	J11, 7	8PR1
24	J2, 24	IN6A
25	J2, 10	IN5A
26	J2, 11	IN4A
27	J6, 12	CLK
28	J6, 28	EAD2
29	J6, 29	EAD1
30	J6, 30	4PT

TABLE G

FROM J5 TERM.	TO	FUNCTION
1	NC	NC
2	J2, 2/J6, 2	+12V
3	J2, 9	ETAP3A ETAP6A
4	J2, 28	ETAP2A ETAP5A
5	J12, 15	RSFO
6	J7, 6	HP
7	J7, 7	HN
8	J6, 23	GP
9	J6, 24	GN
10	J6, 10	CT
11	J2, 21	ETAP1A ETAP4A
12	J1, 21/J7, 28	ETAP1B ETAP4B
13	J3, 13/J6, 13	Analog Grd
14	J1, 14/J7, 14	—6V
15	J3, 15/J6, 15	—12V
16	NC	NC
17	NC	NC
18	NC	NC
19	NC	NC
20	NC	NC
21	NC	NC
22	NC	NC
23	NC	NC
24	NC	NC
25	NC	NC
26	NC	NC
27	NC	NC
28	NC	NC
29	NC	NC
30	NC	NC

FROM J6 TERM.	TO	FUNCTION
1	Bat. 6 (Bus Bar)	+5V
2	J5, 2/J7, 2	+12V
3	J2, 17	GSUM
4	J4, 8	$\overline{6B}$
5	J3, 22	$\overline{4B}$
6	J2, 7	CVN
7	J2, 22	RV2
8	J2, 8	CVP
9	J2, 25	RV1
10	J5, 10	CT
11	J2, 26	HSUM
12	J4, 27	CLK
13	J5, 13/J7, 13	Analog Grd
14	NC	NC
15	J5, 15/J7, 15	—12V
16	Grd 6 (Bus Bar)	Digital Grd
17	J11, 2	$\overline{\text{EFM1}}$
18	J11, 3	EIH
19	J11, 4	$\overline{\text{ERS}}$
20	J11, 5	$\overline{\text{ERS1}}$
21	J3, 21	$\overline{5B}$
22	J10, 7	HN
23	J5, 8/J7, 8	GP
24	J5, 9/J7, 9	GN
25	NC	NC
26	J7, 11	HOUT
27	J7, 12	GOUT
28	J4, 28	EAD2
29	J4, 29	EAD1
30	J4, 30	4PT

TABLE H

FROM J7 TERM.	TO	FUNCTION
1	NC	NC
2	J6, 2/J10, 2	+12V
3	J1, 28	ETAP2B ETAP5B
4	J13, 4	Tank In
5	J13, 7	MSO
6	J5, 6/J10, 6	HP
7	J5, 7/J10, 7	HN
8	J6, 23	GP
9	J6, 24	GN
10	J1, 9	ETAP3B ETAP6B
11	J6, 26	HOUT
12	J6, 27	GOUT
13	J6, 13/J10, 13	Analog Grd
14	J5, 14/J10, 14	−6V
15	J6, 15/J10, 15	−12V
16	NC	NC
17	J16, 9	TLS
18	J13, 3	Tank Out
19	NC	NC
20	NC	NC
21	NC	NC
22	NC	NC
23	NC	NC
24	NC	NC
25	NC	NC
26	NC	NC
27	NC	NC
28	J5, 12	ETAP1B ETAP4B
29	J10, 9	EQOUT
30	NC	NC

FROM J8 TERM.	TO	FUNCTION
1	Bat. 8 (Bus Bar)	+5V
2	J8, 17	T1A
3	J8, 18	T2B
4	J8, 19	T3A
5	J8, 20	T4A
6	J8, 21	T5A
7	NC	NC
8	NC	NC
9	J4, 22/J11, 24	$\overline{\text{EFM}}$
10	J4, 7/J9, 25	DCR1
11	NC	NC
12	J3, 30/J11, 12	460.8K
13	NC	NC
14	NC	NC
15	NC	NC
16	Grd 8 (Bus Bar)	Digital Grd
17	J8, 2	T1B
18	J8, 3	T2A
19	J8, 4	T3B
20	J8, 5	T4B
21	J8, 6	T5B
22	J9, 7	SCR1
23	J11, 8	$\overline{\text{IP}}$
24	J11, 9	$\overline{\text{DRE}}$
25	J11, 10	COV1
26	J9, 11	$\overline{\text{9C}}$
27	J10, 27	14.4K
28	J14, 21	28.8K
29	J14, 19	$\overline{\text{28.8K}}$
30	J9, 12	$\overline{\text{3C}}$

TABLE I

FROM J9 TERM.	TO	FUNCTION
1	Bat. 9 (Bus Bar)	+5V
2	J9, 17	T1A
3	J3, 5	9C
4	NC	NC
5	J9, 20	T2A
6	J9, 21	T3B
7	J8, 22/J13A, 8	SCR1
8	NC	NC
9	NC	NC
10	J3, 28	$\overline{1B}$
11	J8, 26	$\overline{9C}$
12	J8, 30/J13A, 15	$\overline{3C}$
13	NC	NC
14	NC	NC
15	NC	NC
16	Grd 9 (Bus Bar)	Digital Grd
17	J9, 2	T1B
18	NC	NC
19	NC	NC
20	J9, 5	T2B
21	J9, 6	T3A
22	NC	NC
23	J11, 23	COD1
24	NC	NC
25	J8, 10/J10, 8	DCR1
26	J10, 11	A
27	J10, 12	B
28	J10, 29	C
29	J10, 30	D
30	J13A, 14	RDS

FROM J10 TERM.	TO	FUNCTION
1	Bat. 10 (Bus Bar)	+5V
2	J7, 2/J12, 2	+12V
3	J3, 4	IFPM
4	NC	NC
5	NC	NC
6	J7, 6	HP
7	J6, 22/J7, 7	HN
8	J9, 25/J11, 25	DCR1
9	J7, 29/J13, 10	EQOUT
10	J11, 13	$\overline{COV}$
11	J9, 26	A
12	J9, 27	B
13	J7, 13/J10, 28	Analog Grd
14	J7, 14/J12, 14	−6V
15	J7, 15/J12, 15	−12V
16	Grd 10 (Bus Bar)	Digital Grd
17	NC	NC
18	J11, 18	IERO
19	NC	NC
20	NC	NC
21	J11, 22	$\overline{NS}$
22	J12, 8	IFBPF
23	NC	NC
24	J13, 9	$\overline{EQOUT}$
25	J12, 12	IFMOD
26	J11, 11	ERO
27	J8, 27	14.4K
28	J10, 13/J12, 13	Quiet Grd
29	J9, 28	C
30	J9, 29	D

TABLE J

FROM J11 TERM.	TO	FUNCTION
1	Bat. 11 (Bus Bar)	+5V
2	J6, 17	$\overline{\text{EFM1}}$
3	J6, 18	EIH
4	J6, 19	$\overline{\text{ERS}}$
5	J6, 20	$\overline{\text{ERS1}}$
6	J11, 21	T3A
7	J4, 23	8PR1
8	J8, 23	$\overline{\text{IP}}$
9	J8, 24	$\overline{\text{DRE}}$
10	J8, 25/J16, 30	COV1
11	J10, 26	ERO
12	J8, 12/J14, 12	460.8K
13	J10, 10	$\overline{\text{COV}}$
14	J11, 29	T1A
15	J11, 30	T2B
16	Grd 11 (Bus Bar)	Digital Grd
17	J19, 18	IPC
18	J10, 18	IERO
19	J19, 4	$\overline{\text{OSH}}$
20	J14, 20	$\overline{\text{G1P}}$
21	J11, 6	T3B
22	J10, 21/J13, 6	$\overline{\text{NS}}$
23	J9, 23/J13A, 23	COD1
24	J8, 9	$\overline{\text{EFM}}$
25	J10, 8/J16, 8	DCR1
26	J13, 11	DRE
27	J19, 29	EQM
28	J19, 30	QM1
29	J11, 14	T1B
30	J11, 15	T2A

FROM J12 TERM.	TO	FUNCTION
1	NC	NC
2	J10, 2/J13, 2	+12V
3	NC	NC
4	NC	NC
5	J5, 5	RSFO
6	NC	NC
7	NC	NC
8	J10, 22/J13, 8	IFBPF
9	NC	NC
10	NC	NC
11	NC	NC
12	J10, 25	IFMOD
13	J10, 28/J13, 12	Analog Grd
14	J10, 14/J13, 14	−6V
15	J10, 15/J13, 15	−12V
16	NC	NC
17	NC	NC
18	NC	NC
19	NC	NC
20	J13, 5	RAO
21	NC	NC
22	NC	NC
23	NC	NC
24	NC	NC
25	NC	NC
26	NC	NC
27	NC	NC
28	NC	NC
29	NC	NC
30	NC	NC

TABLE K

FROM J12A TERM.	TO	FUNCTION
1	NC	NC
2	NC	NC
3	NC	NC
4	NC	NC
5	NC	NC
6	NC	NC
7	NC	NC
8	NC	NC
9	NC	NC
10	NC	NC
11	NC	NC
12	NC	NC
13	NC	NC
14	NC	NC
15	NC	NC
16	NC	NC
17	NC	NC
18	NC	NC
19	NC	NC
20	NC	NC
21	NC	NC
22	NC	NC
23	NC	NC
24	NC	NC
25	NC	NC
26	NC	NC
27	NC	NC
28	NC	NC
29	NC	NC
30	NC	NC

FROM J13 TERM.	TO	FUNCTION
1	NC	NC
2	J12, 2/J16, 2	+12V
3	J7, 18	Tank Out
4	J7, 4	Tank In
5	J12, 20	RAO
6	J11, 22/J19, 19	$\overline{\text{NS}}$
7	J7, 5	MSO
8	J12, 8	IFBPF
9	J10, 24	$\overline{\text{EQOUT}}$
10	J10, 9	EQOUT
11	J11, 26	DRE
12	J12, 13/J13, 13	Quiet Grd
13	J13, 12/J16, 13	Analog Grd
14	J12, 14	−6V
15	J12, 15/J16, 15	−12V
16	NC	NC
17	NC	NC
18	J14, 3	S1NB
19	J14, 4	S3
20	J14, 5	S2
21	J14, 6	S1
22	J14, 7	S0
23	J13, 24	V4.7
24	J13, 23	+4.7
25	NC	NC
26	NC	NC
27	NC	NC
28	NC	NC
29	J19, 28	RLS
30	NC	NC

TABLE L

FROM J13A TERM.	TO	FUNCTION
1	Bat. 15 (Bus Bar)	+5V
2	J13A, 17	T4B
3	J13A, 18	T5B
4	J13A, 19	T6B
5	J13A, 20	T1B
6	J13A, 21	T2A
7	J13A, 22	T3B
8	J9, 7/J16, 27	SCR1
9	NC	NC
10	NC	NC
11	NC	NC
12	J14, 13	SCT1
13	J15, 25	SDS
14	J9, 30	RDS
15	J9, 12	$\overline{3C}$
16	Grd 15 (Bus Bar)	Digital Grd
17	J13A, 2	T4A
18	J13A, 3	T5A
19	J13A, 4	T6A
20	J13A, 5	T1A
21	J13A, 6	T2B
22	J13A, 7	T3A
23	J11, 23/J19, 20	COD1
24	J14, 10	38.4K
25	J14, 26	$\overline{DTP}$
26	J14, 27	$\overline{8PT1}$
27	J15, 26	SCTD
28	J16, 28	SD1
29	J16, 29	RD1
30	J15, 30	CS1

FROM J14 TERM.	TO	FUNCTION
1	Bat. 16 (Bus Bar)	+5V
2	J14, 17	T4B
3	J13, 18	S1NB
4	J13, 19	S3
5	J13, 20	S2
6	J13, 21	S1
7	J13, 22	S0
8	J14, 23	T3B
9	J14, 24	T2B
10	J14, 25/J13A, 24	38.4K
11	J15, 7	PMX
12	J11, 12	460.8K
13	J13A, 12/J16, 11	SCT1
14	J15, 10	$\overline{TBB}$
15	NC	NC
16	Grd 16 (Bus Bar)	Digital Grd
17	J14, 2	T4A
18	NC	NC
19	J8, 29	$\overline{28.8K}$
20	J11, 20	$\overline{G1P}$
21	J8, 28	28.8K
22	J16, 6	SCTE1
23	J14, 8	T3A
24	J14, 9	T2A
25	J14, 10	38.4K
26	J13A, 25/J15, 8	$\overline{DTP}$
27	J13A, 26/J15, 9	$\overline{8PT1}$
28	J15, 27	DCT1
29	J15, 11	$\overline{TBA}$
30	J15, 12	$\overline{TBC}$

TABLE M

FROM J15 TERM.	TO	FUNCTION
1	Bat. 17 (Bus Bar)	+5V
2	NC	NC
3	J15, 18	T4B
4	J15, 19	T3B
5	J15, 20	T2A
6	J15, 21	T1B
7	J14, 11	PMX
8	J14, 26	$\overline{\text{DTP}}$
9	J14, 27	$\overline{\text{8PT1}}$
10	J14, 14	$\overline{\text{TBB}}$
11	J14, 29	$\overline{\text{TBA}}$
12	J14, 30	$\overline{\text{TBC}}$
13	NC	NC
14	NC	NC
15	NC	NC
16	Grd 17 (Bus Bar)	Digital Grd
17	NC	NC
18	J15, 3	T4A
19	J15, 4	T3A
20	J15, 5	T2B
21	J15, 6	T1A
22	NC	NC
23	J19, 17	CC
24	NC	NC
25	J13A, 13/J15, 28	$\overline{\text{ISD}}$
26	J13A, 27	SCTD
27	J14, 28/J16, 12	DCT1
28	J15, 25	SDS
29	J16, 14	RS1
30	J13A, 30/J19, 14	CS1

FROM J16 TERM.	TO	FUNCTION
1	Bat. 18 (Bus Bar)	+5V
2	J13, 2/J19, 2	+12V
3	J17, 15	SCT
4	J17, 16	DCT
5	J17, 17	SCR
6	J14, 22	SCTE1
7	J17, 21	COV
8	J11, 25	DCR1
9	J7, 17	TLS
10	J19, 27	F
11	J14, 13	SCT1
12	J15, 27	DCT1
13	J13, 13/J19, 13	Analog Grd
14	J15, 29/J19, 12	RS1
15	J13, 15/J19, 15	—12V
16	Grd 18 (Bus Bar)/ J17, 7	Digital Grd
17	J17, 2	SD
18	J17, 3	RD
19	J17, 4	RS
20	J17, 18	DCR
21	J19, 3	TLS1
22	J17, 9	CI9
23	J17, 10	CI10
24	J17, 24	SCTE
25	J17, 25	CI25
26	J19, 22	Line Test
27	J13A, 8	SCR1
28	J13A, 28	SD1
29	J13A, 29	RD1
30	J11, 10	COV1

TABLE N

FROM J19 TERM.	TO	FUNCTION
1	Bat. 18 (Bus Bar)/ P18, 3	+5V
2	J16, 2/P18, 20	+12V
3	J16, 21	TLS1
4	J11, 19	$\overline{\text{OSH}}$
5	J17, 8	COD
6	P18, 7	DT1
7	P18, 8	DR1
8	P18, 10	DR
9	P18, 13	KTU
10	J17, 11	QM
11	J17, 5	CS
12	J16, 14	RS1
13	J16, 13	Analog Grd
14	J15, 30	CS1
15	J16, 15/P18, 2	—12V
16	Grd 18 (Bus Bar)/ P18, 11	Digital Grd
17	J15, 23	CC
18	J11, 17	IPC
19	J13, 6	$\overline{\text{NS}}$
20	J13A, 23	COD1
21	J17, 14	NS
22	J16, 26	Line Test
23	P18, 9	DT
24	83A, 3	Alarm
25	NC	NC
26	J17, 6	DSR
27	J16, 10	F
28	J13, 29	RLS
29	J11, 27	EQM
30	J11, 28	QM1

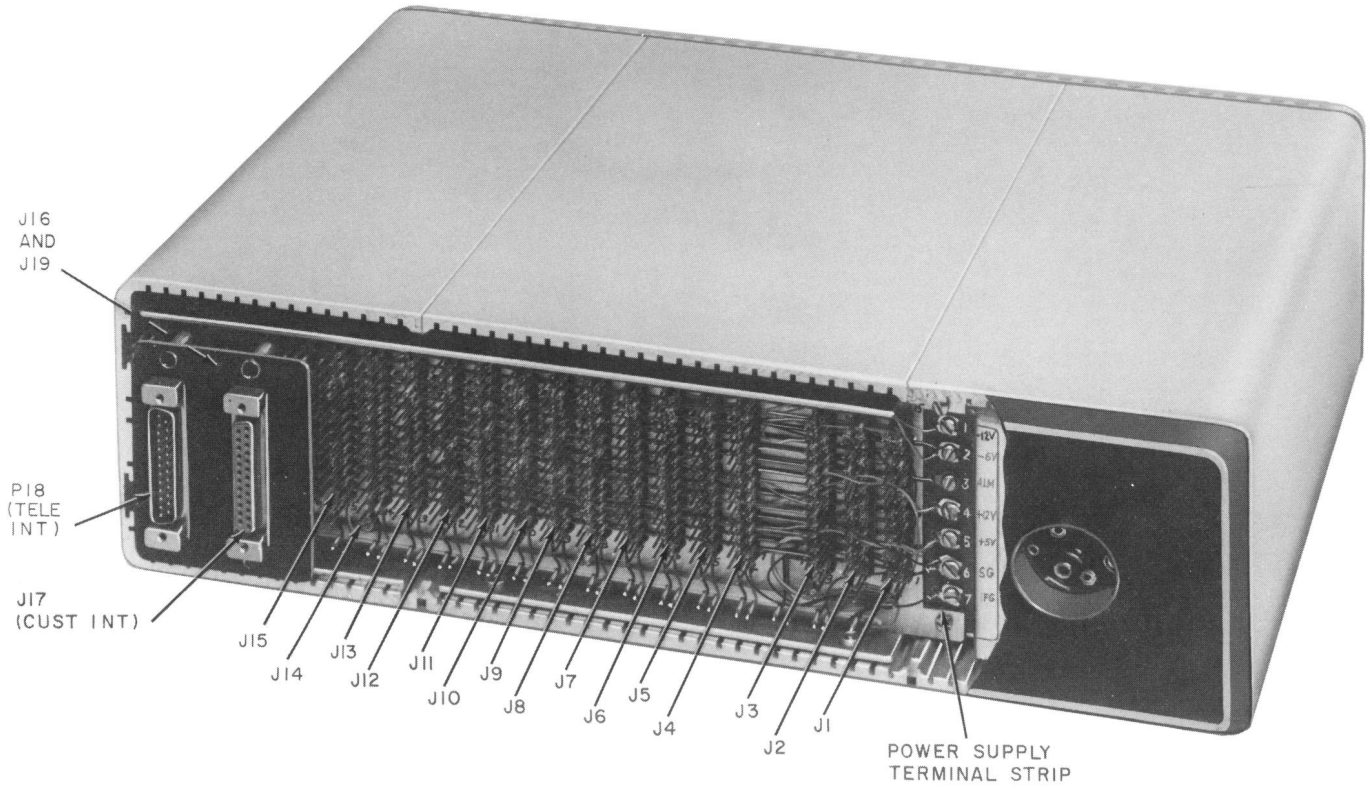

Fig. 1 — Data Set 208A-L1 — Rear View Location of J Connectors