

SD-31592-02 5 PAGES																			
CIRCUIT REQUIREMENTS																			
APPARATUS	MECH. REQ.	CIRCUIT PREPARATION	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA
DESN.	CODE	OPTION	CT. FOL.	SP. FOL.	CONT. FOL.	ARM. FOL.	BLK. OR INSULATE	TEST CLIP DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA
A	R2092							58/53 H 35	RT(A) GRD										
B	E589							5/7 H 20	RT(B) GRD										
BT	R2099	YA						3 H 20	RT(C) GRD										
BT	R2099	YD						3 H 20	RT(D) GRD										
C	E626	ZB						9/7 H 35	RT(E) GRD										
C	R200	ZC						29/7 H 25	RT(F) GRD										
D	I62Y							H	RT(G) GRD										
DD	E589							5/7 H 20	RT(H) GRD										
	E1446							5/7 H 20	RT(I) GRD										

TEST NOTES:
1. ARM. NEED NOT TOUCH CORE.
2. INSERT DUMMY PLUG IN JACK (T).
3. AFTER (R) RELAY IS ADJUSTED TO MEET PULSE REP REG A-4, APPLY A ZERO LOOP AT 6PPS TO (R) RELAY & OBSERVE (D) RELAY. IF (D) TENDS TO OPEN DURING PULSING OF (R), STIFFEN (D) WITHIN TEST REG. PRIOR TO ISS 208. THIS TEST WAS NOT SHOWN.

SD-31592-02 5 PAGES																			
CIRCUIT REQUIREMENTS																			
APPARATUS	MECH. REQ.	CIRCUIT PREPARATION	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA
DESN.	CODE	OPTION	CT. FOL.	SP. FOL.	CONT. FOL.	ARM. FOL.	BLK. OR INSULATE	TEST CLIP DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA
H	I495	D						115/164 H 29	RT(A) GRD										
H	Y7B	B						115/164 H 29	RT(B) GRD										
HH	R109							26/24 H 30	RT(C) GRD										
HH	U914	D						146/151 H 44	RT(D) GRD										
I	B500							30	RT(E) GRD										
I	B56							30	RT(F) GRD										
J	R1324							29/24 L 25	RT(G) GRD										
K	E681							3/3 H 20	RT(H) GRD										
KI	R1673							5/10 H 20	RT(I) GRD										
L	B1180							3	RT(J) GRD										
LL	U114							135/106 H 47	RT(K) GRD										

TEST NOTES:
1. ADJACENT RELAYS SHALL NOT BE ENERGIZED.
2. INSERT DUMMY PLUG IN JACK (T).

SD-31592-02 5 PAGES																			
CIRCUIT REQUIREMENTS																			
APPARATUS	MECH. REQ.	CIRCUIT PREPARATION	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA
DESN.	CODE	OPTION	CT. FOL.	SP. FOL.	CONT. FOL.	ARM. FOL.	BLK. OR INSULATE	TEST CLIP DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA
N	I49CG							235/115 H 44	RT(A) GRD										
N	Y263							235/115 H 44	RT(B) GRD										
NN	E6140							24/12 L 35	RT(C) GRD										
P	239GU	U						3	RT(D) GRD										
P	280U	P						3	RT(E) GRD										
P1	204N	2						3	RT(F) GRD										
P1	280U	N						3	RT(G) GRD										
P2	206GG	M						3	RT(H) GRD										
P2	280H	K						3	RT(I) GRD										

TEST NOTES:
1. ADJACENT RELAYS SHALL NOT BE ENERGIZED.
2. SHORT CIRCUIT SPRINGS ST-6T(U).
3. DO NOT USE CONTACT CLOSURE TEST SET.

SD-31592-02 5 PAGES																			
CIRCUIT REQUIREMENTS																			
APPARATUS	MECH. REQ.	CIRCUIT PREPARATION	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA
DESN.	CODE	OPTION	CT. FOL.	SP. FOL.	CONT. FOL.	ARM. FOL.	BLK. OR INSULATE	TEST CLIP DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA
P2	206GG	ZF						24/23 L 30	RT(A) GRD										
P2	280H	ZG						24/23 L 30	RT(B) GRD										
R	H28							1/1 H 5FL	RT(C) GRD										
RT	H2							1/1 H 5FL	RT(D) GRD										
S	E1074							24/23 L 30	RT(E) GRD										
T	U851							315/316 H 44	RT(F) GRD										
T	U851							315/316 H 44	RT(G) GRD										

TEST NOTES:
1. THESE ADJUSTMENTS READ ONLY WHEN H OPTION IS USED.
2. ARM. NEED NOT TOUCH CORE. ARM TOWER IS 2.5.
3. CONNECT DIRECT GND TO 48(T).
4. THESE ADJUSTMENTS READ ONLY WHEN "ZD" OPTION IS USED.
5. SHORT CIRCUIT SPRINGS ST-6T(J).
6. INSERT DUMMY PLUG IN (T) JACK.
7. AFTER (R) RELAY IS ADJ. TO MEET PULSE REP REG A-4, APPLY A ZERO LOOP AT 6PPS TO (R) RELAY & OBS (D) RELAY. IF (D) TENDS TO OPEN DURING PULSING OF (R), STIFFEN (D) WITHIN TEST REG. PRIOR TO ISS 208. THIS TEST WAS NOT SHOWN.

SD-31592-02 5 PAGES																			
CIRCUIT REQUIREMENTS																			
APPARATUS	MECH. REQ.	CIRCUIT PREPARATION	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA
DESN.	CODE	OPTION	CT. FOL.	SP. FOL.	CONT. FOL.	ARM. FOL.	BLK. OR INSULATE	TEST CLIP DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA	TEST SET DATA
T1	U827							142/128 H 53	RT(A) GRD										
T1	U844							142/132 H 53	RT(B) GRD										
Y	E1557							24/24 H 35	RT(C) GRD										

TEST NOTES:
1. MAKE TRUNK BUSY AT (T) & (T) JACKS.
2. MAKE ALL VOLTAGE MEASUREMENTS WITH A 20K OHM/VOLT DC OR HIGHER, SENSITIVITY METER. THE KS-14510 METER IS SATISFACTORY.
3. FORWARD RESISTANCE TEST:
(a) CONNECT ONE END OF A 5K OHM (1 WATT) RESISTOR TO -14V TERMINAL OF A GROUNDING BATTERY. CONNECT THE OTHER END OF THE RESISTOR TO 2T(BT).
(b) THE VOLTAGE MEASURED BETWEEN 2T(BT) AND GROUND SHALL NOT BE MORE THAN 1.0 VOLT.
4. REVERSE VOLTAGE TEST:
(a) CONNECT ONE END OF A 0.1 MEGOHM (1/4 WATT) RESISTOR TO 38(C). (110V DC) FOR FIG. A OR 5, TO 18(T1) FOR FIG. B OR 7.
(b) THE VOLTAGE ACROSS THE OTHER END OF THE RESISTOR TO 2T(BT). THE VOLTAGE ACROSS THE 0.1 MEGOHM RESISTOR SHALL NOT BE MORE THAN 0.1 VOLT. TWO SCALE DIVISIONS ON 3V SCALE OF KS-14510 METER.

SD-31592-02-2

CONN TRUNK CIRCUIT
BELL TELEPHONE LABORATORIES, INC.

ISSUE
38A
SD-31592-02-2
R