

TELEPHONE CONSOLES

4A TYPE

CONNECTIONS

1.00 GENERAL

1.01 This section covers connections for the 4A1 and 4A2 telephone consoles. These consoles, and associated equipment in the 756 PBX, constitute a cordless position circuit for the PBX. They were formerly coded 612A1 and 612A2 telephone sets. The section is reissued to change Fig. 1 and 2.

1.02 The consoles are identical with these exceptions:

The 4A1 has a 105A apparatus blank in the left key position.

The 4A2 has a 598A key in the left key position.

1.03 These consoles are similar to the 3A-type consoles except that a key and lamp field has been added for direct station selection.

1.04 Index for Connection Figures

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Fig. 2 - Right Key and Lamp Strip Connections

Fig. 3 - Center Key and Lamp Strip Connections

Fig. 4 - Left Key and Lamp Strip Connections (4A2 Console Only)

Fig. 5 - DSS Key and Lamp Connections

Table A - D200D Cord and D100A Cable Connections

1.05 Connections in PBX are shown on SD-65757-01.

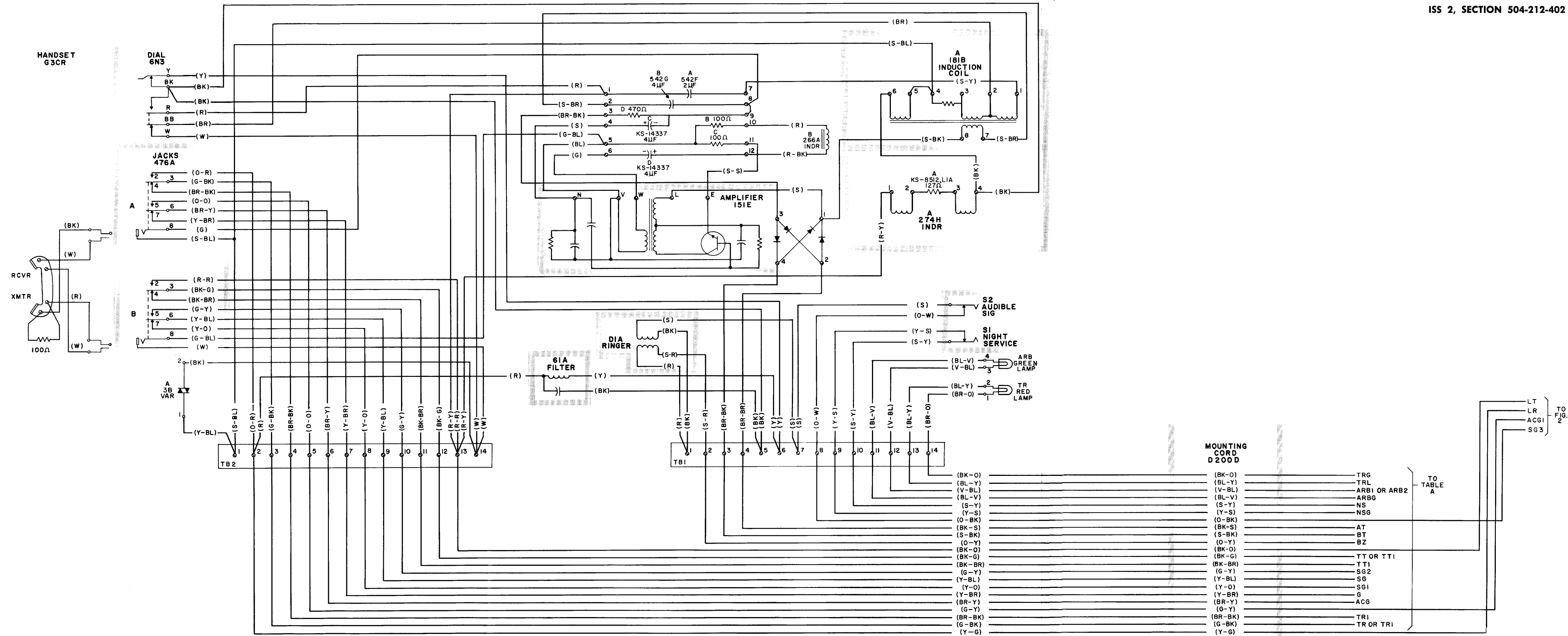


Fig. 1 - 4A Telephone Console, Attendant Telephone Circuit, Connections

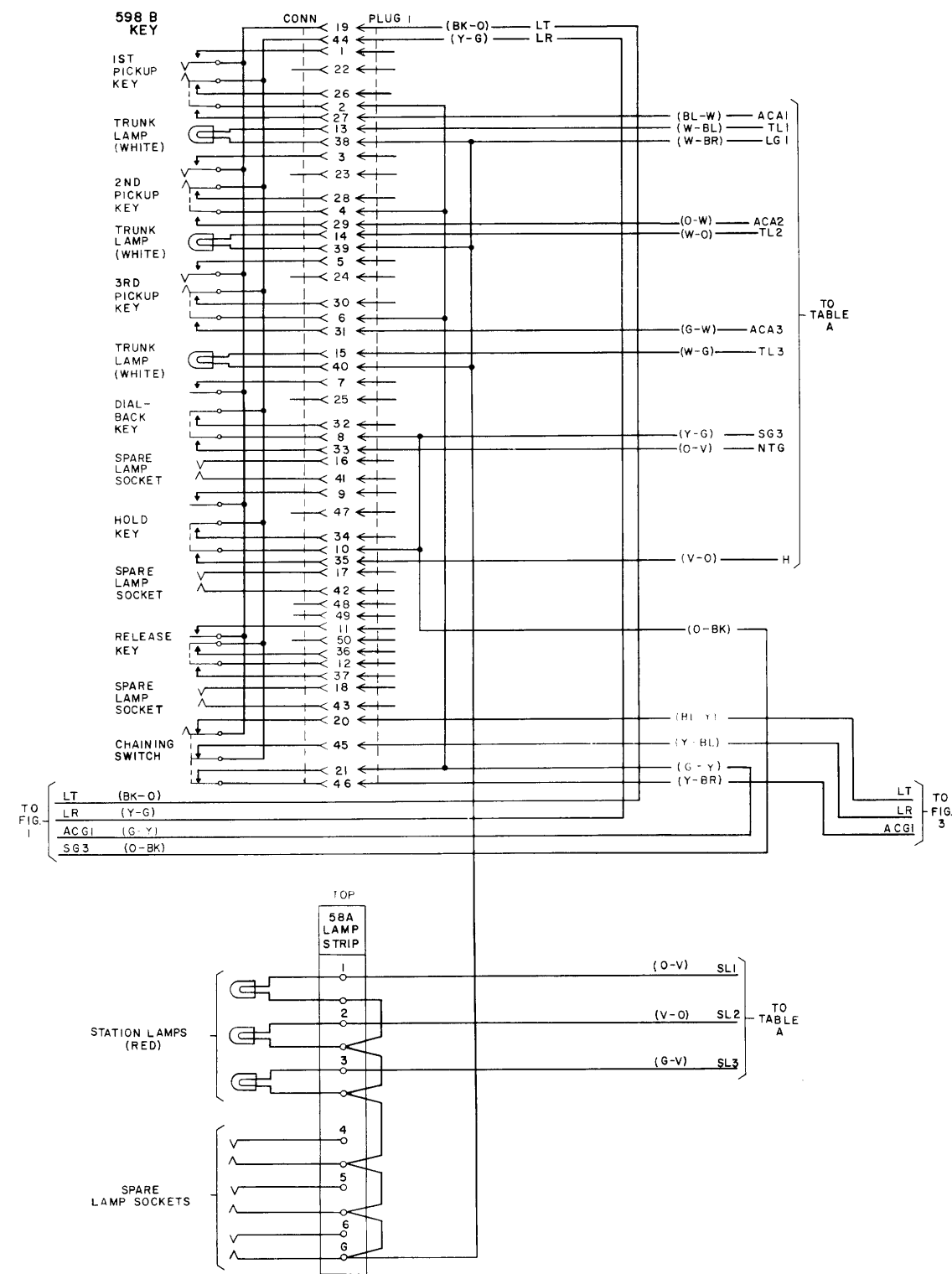


Fig. 2 - Right Key and Lamp Strip Connections

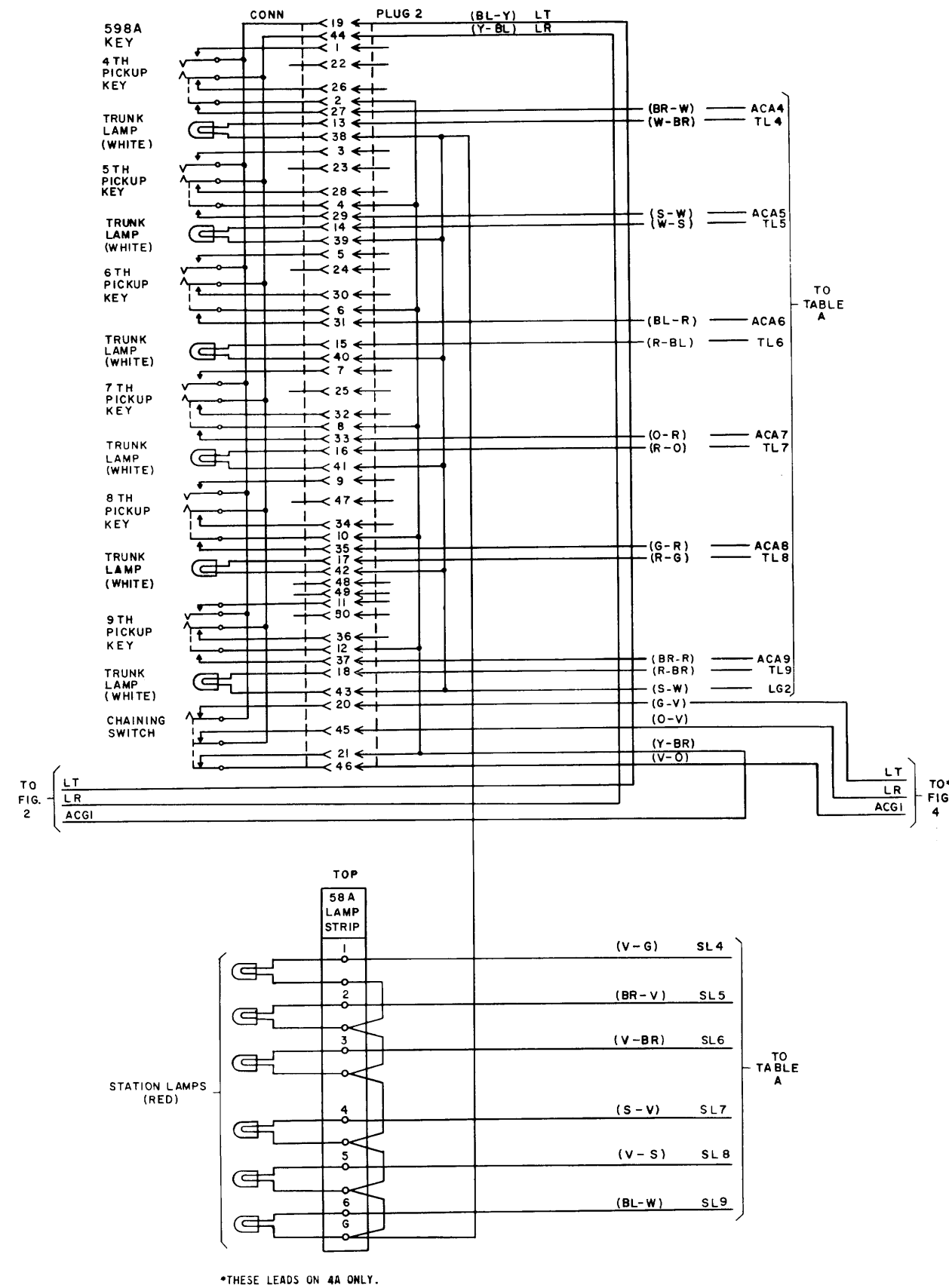


Fig. 3 - Center Key and Lamp Strip Connections

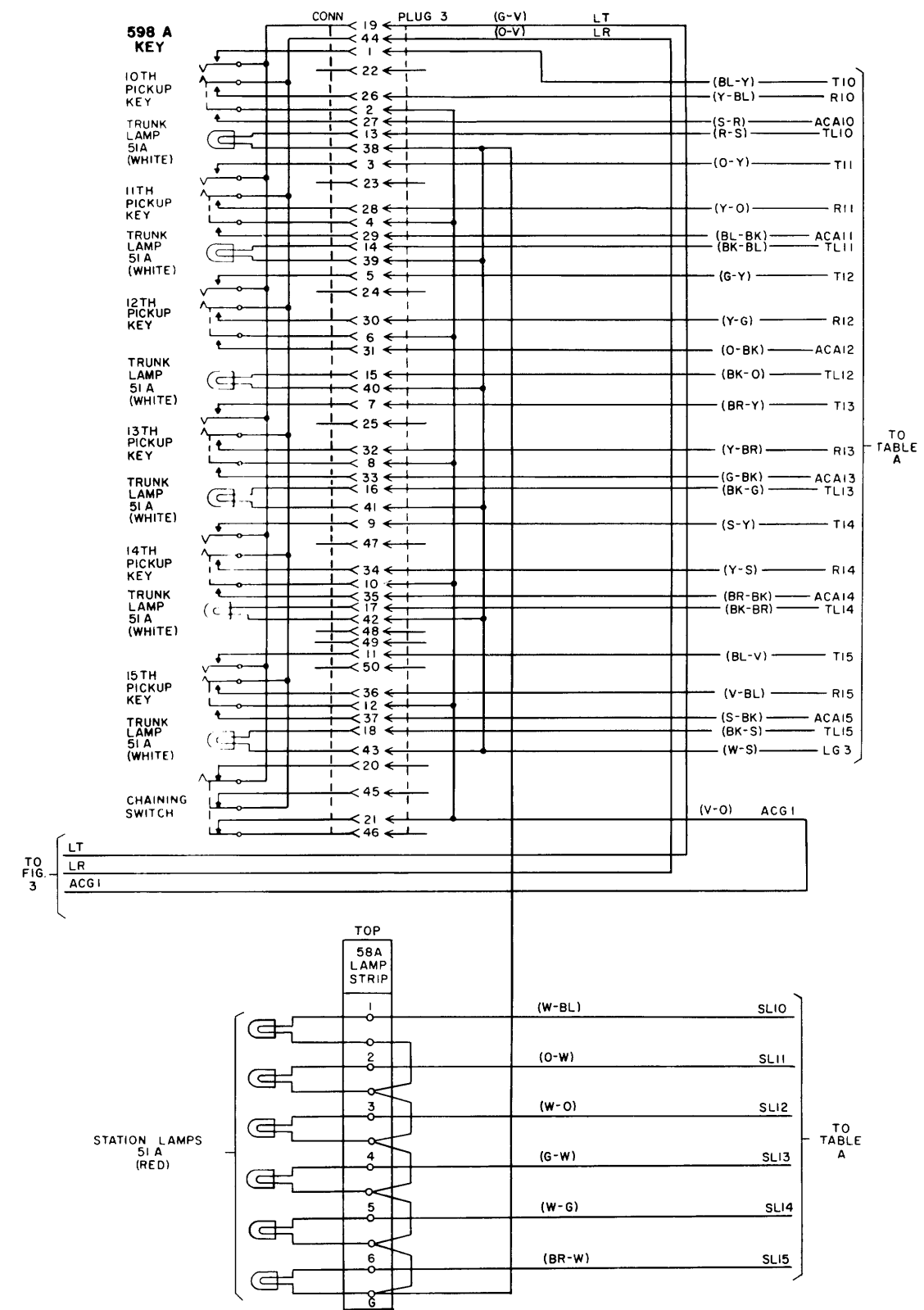


Fig. 4 - Left Key and Lamp Strip Connections
(4A2 Console Only)

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TABLE A
D200D CORD AND D100A CABLE
CONNECTIONS

FROM		D200D CORD BLUE BINDER				A100C CONN CABLE					
FIG. NO.	TERMINATION IN SET		LEAD DESIG	CORD CONDUCTOR COLOR	PIN NUMBER OF CORD CONNECTOR AND CABLE PLUG	CABLE CONDUCTOR COLOR	CABLE PAIR	CABLE BINDER COLOR	CONNECT TO		
	CONNECTION FOR	TERMINAL OR PIN NUMBER									
2	PLUG 1	27	ACA1	BL-W	1	BL	1	B L U E	TRUNK CIRCUITS		
		13	TL1	W-BL	26	W					
		29	ACA2	O-W	2	O	2				
		14	TL2	W-O	27	W					
		31	ACA3	G-W	3	G	3				
15	TL3	W-G	28	W							
3	PLUG 2	27	ACA4	BR-W	4	BR	4				
		13	TL4	W-BR	29	W					
		29	ACA5	S-W	5	S	5				
		14	TL5	W-S	30	W					
		31	ACA6	BL-R	6	BL	6				
		15	TL6	R-BL	31	R					
		33	ACA7	O-R	7	O	7				
		16	TL7	R-O	32	R					
		35	ACA8	G-R	8	G	8				
		17	TL8	R-G	33	R					
		37	ACA9	BR-R	9	BR	9				
		18	TL9	R-BR	34	R					
		4	PLUG 3	27	ACA10	S-R	10			S	10
				13	TL10	R-S	35			R	
				29	ACA11	BL-BK	11	BL	11		
14	TL11			BK-BL	36	BK					
31	ACA12			O-BK	12	O	12				
15	TL12			BK-O	37	BK					
33	ACA13			G-BK	13	G	13				
16	TL13			BK-G	38	BK					
35	ACA14			BR-BK	14	BR	14				
17	TL14			BK-BR	39	BK					
37	ACA15			S-BK	15	S	15				
18	TL15			BK-S	40	BK					
1	T10			BL-Y	16	BL	16				
26	R10			Y-BL	41	Y					
3	T11			O-Y	17	O	17				
28	R11			Y-O	42	Y					
5	T12			G-Y	18	G	18				
30	R12			Y-G	43	Y					
7	T13			BR-Y	19	BR	19				
32	R13			Y-BR	44	Y					
9	T14			S-Y	20	S	20				
34	R14			Y-S	45	Y					
11	T15			BL-V	21	BL	21				
36	R15			V-BL	46	V					
2	RIGHT LAMP STRIP			1	SL1	O-V	22	O	22		
				2	SL2	V-O	47	V			
				3	SL3	G-V	23	G	23		
3	CNTR LAMP STRIP	1	SL4	V-G	48	V	24				
		2	SL5	BR-V	24	BR					
		3	SL6	V-BR	49	V	25				
		4	SL7	S-V	25	S					
		5	SL8	V-S	50	V					

TABLE A (CONT)

FROM		D200D CORD ORANGE BINDER				A100C CONN CABLE			
FIG. NO.	TERMINATION IN SET		LEAD DESIG	CORD CONDUCTOR COLOR	PIN NUMBER OF CORD CONNECTOR AND CABLE PLUG	CABLE CONDUCTOR COLOR	CABLE PAIR	CABLE BINDER COLOR	CONNECT TO
	CONNECTION FOR	TERMINAL OR PIN NUMBER							
3	CTR LP STR	6	SL9	BL-W	1	BL	26	O R A N G E	TRUNK CKTS
4	LEFT LAMP STRIP	1	SL10	W-BL	26	W	27		
		2	SL11	O-W	2	O			
		3	SL12	W-O	27	W			
		4	SL13	G-W	3	G			
		5	SL14	W-G	28	W	28		
6	SL15	BR-W	4	BR	29	AP GRD			
2	PLUG 1	38	LG1	W-BR	29		W		
3	PLUG 2	43	LG2	S-W	5		S		30
4	PLUG 3	43	LG3	W-S	30		W		10V AC LAMP SUPPLY
5	TB3	10	SPARE	BL-R	6		BL		
		1	SPARE	R-BL	31	R	32		
		2	SPARE	O-R	7	O			
		3	B20	R-O	32	R			
		4	B30	G-R	8	G	33		
		5	B40	R-G	33	R	34		
		6	B50	BR-R	9	BR			
		7	B60	R-BR	34	R			
		8	B70	S-R	10	S	35		
9	B80	R-S	35	R	O R A N G E				
		SPARE	BL-BK	11		BL	36		
			SPARE	BK-BL		36	BK		
			SPARE	O-BK		12	O	37	
1	TB1	14	TRG	BK-O		37	BK	38	AP GRD
	TB2	3	TR	G-BK	13	G			
		12	TT	BK-G	38	BK			
		4	TR1	BR-BK	14	BR	39		
		11	TT1	BK-BR	39	BK			
	TB1	3	BT	S-BK	15	S	40		
		4	AT	BK-S	40	BK	41		
		13	TRL	BL-Y	16	BL			
	TB2	9	SG	Y-BL	41	Y		42	
	TB1	2	BZ	O-Y	17	O		43	
TB2	8	SG1	Y-O	42	Y				
	10	SG2	G-Y	18	G				
2	PLUG 1	10	SG3	Y-G	43	Y	O R A N G E	CDLS POS CKT EQUIP OR 1ST CDLS POS CKT 2ND CDLS POS CKT OR 6-BUTTON KTS CDLS POS CKT (BT INDR) ALM CKT NOTE 1 POS CKT NOTE 2 DPR CKT DPR CKT NOTE 3 NOTE 4 ALM CKT AP GRD POS CKT	
1	TB2	6	ACG	BR-Y	19	BR			44
		7	G	Y-BR	44	Y			
	TB1	10	NS	S-Y	20	S			45
		9	NSG	Y-S	45	Y			46
		11	ARBG	BL-V	21	BL			
12		ARB-	V-BL	46	V				
2	PLUG 1	33	NTG	O-V	22	O			47
		35	H	V-O	47	V			O R A N G E
		SPARE	G-V	23	G	48			
		SPARE	V-G	48	V	49			
		SPARE	BR-V	24	BR				
		SPARE	V-BR	49	V				
		SPARE	S-V	25	S		50		
		SPARE	V-S	50	V				

NOTE 1: CONNECTS TO AP GROUND, SG1 LEAD AT CORD SWITCHBOARD, OR FIRST CORDLESS POSITION CIRCUIT.

NOTE 2: CONNECTS TO SG LEAD OF SECOND CORDLESS POSITION CIRCUIT OR 6-BUTTON KTS.

NOTE 3: CONNECTS TO POSITION CIRCUIT RELAYS, CORD SWITCHBOARD, OR FIRST CORDLESS POSITION CIRCUIT.

NOTE 4: CONNECTS TO SECOND CORDLESS POSITION CIRCUIT OR 6-BUTTON KTS.

TABLE A (CONT)

FROM	D200D CORD BROWN BINDER				A100C CONN CABLE					
FIG. NO.	TERMINATION IN SET		LEAD DESIG	CORD CONDUCTOR COLOR	PIN NUMBER OF CORD CONNECTOR AND CABLE PLUG	CABLE CONDUCTOR COLOR	CABLE PAIR	CABLE BINDER COLOR	CONNECT TO	
	CONNECTION FOR	TERMINAL OR PIN NUMBER								
	PLUG 5	41	BL-40	BL-W	1	BL	76	B R O W N	LINE LINK AND MARKER CKT	
		42	BL-41	W-BL	26	W				
		43	BL-42	O-W	2	O	77			
		44	BL-43	W-O	27	W				
		45	BL-44	G-W	3	G	78			
		46	BL-45	W-G	28	W				
		47	BL-46	BR-W	4	BR	79			
		48	BL-47	W-BR	29	W				
		49	BL-48	S-W	5	S	80			
		50	BL-49	W-S	30	W				
	PLUG 6	1	BL-50	BL-R	6	BL	81			
		2	BL-51	R-BL	31	R				
		3	BL-52	O-R	7	O	82			
		4	BL-53	R-O	32	R				
		5	BL-54	G-R	8	G	83			
		6	BL-55	R-G	33	R				
		7	BL-56	BR-R	9	BR	84			
		8	BL-57	R-BR	34	R				
		9	BL-58	S-R	10	S	85			
		10	BL-59	R-S	35	R				
		11	BL-60	BL-BK	11	BL	86			
		12	BL-61	BK-BL	36	BK				
		13	BL-62	O-BK	12	O	87			
		14	BL-63	BK-O	37	BK				
		15	BL-64	G-BK	13	G	88			
		16	BL-65	BK-G	38	BK				
		17	BL-66	BR-BK	14	BR	89			
		18	BL-67	BK-BR	39	BK				
		19	BL-68	S-BK	15	S	90			
		20	BL-69	BK-S	40	BK				
		21	BL-70	BL-Y	16	BL	91			
		22	BL-71	Y-BL	41	Y				
		23	BL-72	O-Y	17	O	92			
		24	BL-73	Y-O	42	Y				
		25	BL-74	G-Y	18	G	93			
		26	BL-75	Y-G	43	Y				
		27	BL-76	BR-Y	19	BR	94			
		28	BL-77	Y-BR	44	Y				
		29	BL-78	S-Y	20	S	95			
		30	BL-79	Y-S	45	Y				
		31	BL-80	BL-V	21	BL	96			
		32	BL-81	V-BL	46	V				
		33	BL-82	O-V	22	O	97			
		34	BL-83	V-O	47	V				
		35	BL-84	G-V	23	G	98			
		36	BL-85	V-G	48	V				
		37	BL-86	BR-V	24	BR	99			
		38	BL-87	V-BR	49	V				
		39	BL-88	S-V	25	S	100			
		40	BL-89	V-S	50	V				