

♦ TABLE A — FEATURE CONVERSION OF TELEPHONE SETS ♦

KEY POSITION		SERVICE FEATURE OPTIONS								LINE PICKUP
		BUZZER SIGNALING		6A ADD-ON		6A PUSHBUTTON		LOCKED-IN LAMP RELEASE		
634 (MD) TEL SET	635 (MD) TEL SET	CONNECT STORED SPADE-TIPPED LEAD INDICATED TO TERM. SG OF TB VI.	DISCONNECT SPADE-TIPPED LAMP LEAD INDICATED FROM ASSOC TB. INSULATE AND STORE.	CONNECT STORED SPADE-TIPPED LEAD INDICATED TO TERM. PB OF TB VI.	DISCONNECT SPADE-TIPPED LAMP LEAD INDICATED FROM ASSOC TB. INSULATE AND STORE.	CONNECT STORED SPADE-TIPPED LEAD INDICATED TO TERM. A OR 1A OF TB VI.	DISCONNECT SPADE-TIPPED LAMP LEAD INDICATED FROM ASSOC TB. INSULATE AND STORE.	CONNECT STORED SPADE-TIPPED LEAD INDICATED TO TERM. SG OF TB VI.	MOVE SPADE-TIPPED LAMP LEAD IND FROM ASSOC TB TO AVAIL. LAMP GRD.	
1	1	BL	R-BR	BL	R-BR	BL	R-BR	BL	R-BR	Factory equipped and wired
2	2	O	R-S	O	R-S	O	R-S	O	R-S	
3	3	G	BK-BL	G	BK-BL	G	BK-BL	G	BK-BL	
4	4	BR	BK-O	BR	BK-O	BR	BK-O	BR	BK-O	
5	5	S	BK-G	S	BK-G	S	BK-G	S	BK-G	
6	6	635—Connect W to term. SG of TB VI. Connect one of two spares (S-BK or BK-S) from Plug 2 to term. 6 of TBI.		635—Connect W to term. PB of TB VI. Connect one of two spares (S-BK or BK-S) from Plug 2 to term. 6 of TBI.		635—Connect W to term. 1A of TB VI. Connect one of two spares (S-BK or BK-S) from Plug 2 to term. 6 of TBI.		635—Connect W to term. SG of TB VI. Connect one of two spares (S-BK or BK-S) from Plug 2 to term. 6 of TBI. Connect G-R to avail. lamp grd.		Replace 599A or 657A key with 598A or 656A key. Connect G-R to avail lamp grd. Connect W-0 to term. A or A1 of TBV1.
7	7	BL	BK-BR	BL	BK-BR	BL	BK-BR	BL	BK-BR	Factory equipped and wired
8	8	O	BK-S	O	BK-S	O	BK-S	O	BK-S	
9	9	G	Y-BL	G	Y-BL	G	Y-BL	G	Y-BL	
10	10	BR	Y-O	BR	Y-O	BR	Y-O	BR	Y-O	
11	11	S	Y-G	S	Y-G	S	Y-G	S	Y-G	
12	12	W	Y-BR	W	Y-BR	W	Y-BR	W	Y-BR	
	13	BL	W-BL	BL	W-BL	BL	W-BL	BL	W-BL	
	14	O	W-O	O	W-O	O	W-O	O	W-O	
	15	G	W-G	G	W-G	G	W-G	G	W-G	
	16	BR	W-BR	BR	W-BR	BR	W-BR	BR	W-BR	
	17	S	W-S	S	W-S	S	W-S	S	W-S	
	18	W	R-BL	W	R-BL	W	R-BL	W	R-BL	
	19	BL	R-O	BL	R-O	BL	R-O	BL	R-O	
	20	O	R-G	O	R-G	O	R-G	O	R-G	
	21	G	R-BR	G	R-BR	G	R-BR	G	R-BR	
	22	BR	R-S	BR	R-S	BR	R-S	BR	R-S	
	23	S	BK-BL	S	BK-BL	S	BK-BL	S	BK-BL	
	24	W	BK-O	W	BK-O	W	BK-O	W	BK-O	
13	25	BL	Y-S	BL	Y-S	BL	Y-S	BL	Y-S	Connect R-BL to avail. lamp grd.
14	26	O	V-BL	O	V-BL	O	V-BL	O	V-BL	
15	27	G	V-O	G	V-O	G	V-O	G	V-O	
16	28	BR	V-G	BR	V-G	BR	V-G	BR	V-G	
17	29	S	V-BR	S	V-BR	S	V-BR	S	V-BR	
	30	W	V-S	W	V-S	W	V-S	W	V-S	
18		W	V-S	W	V-S	W	V-S	W	V-S	

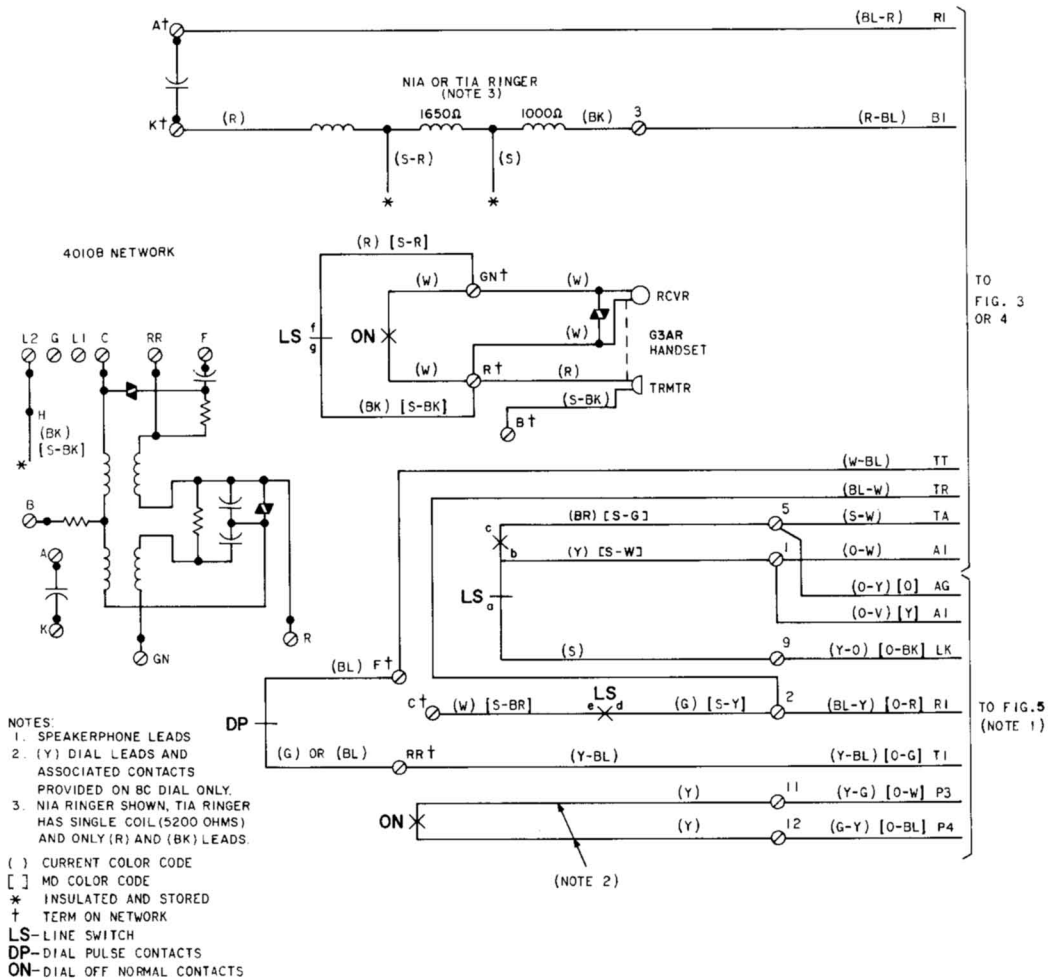


Fig. 1—Current 634- and 635-Type (MD) Telephone Set, Connections

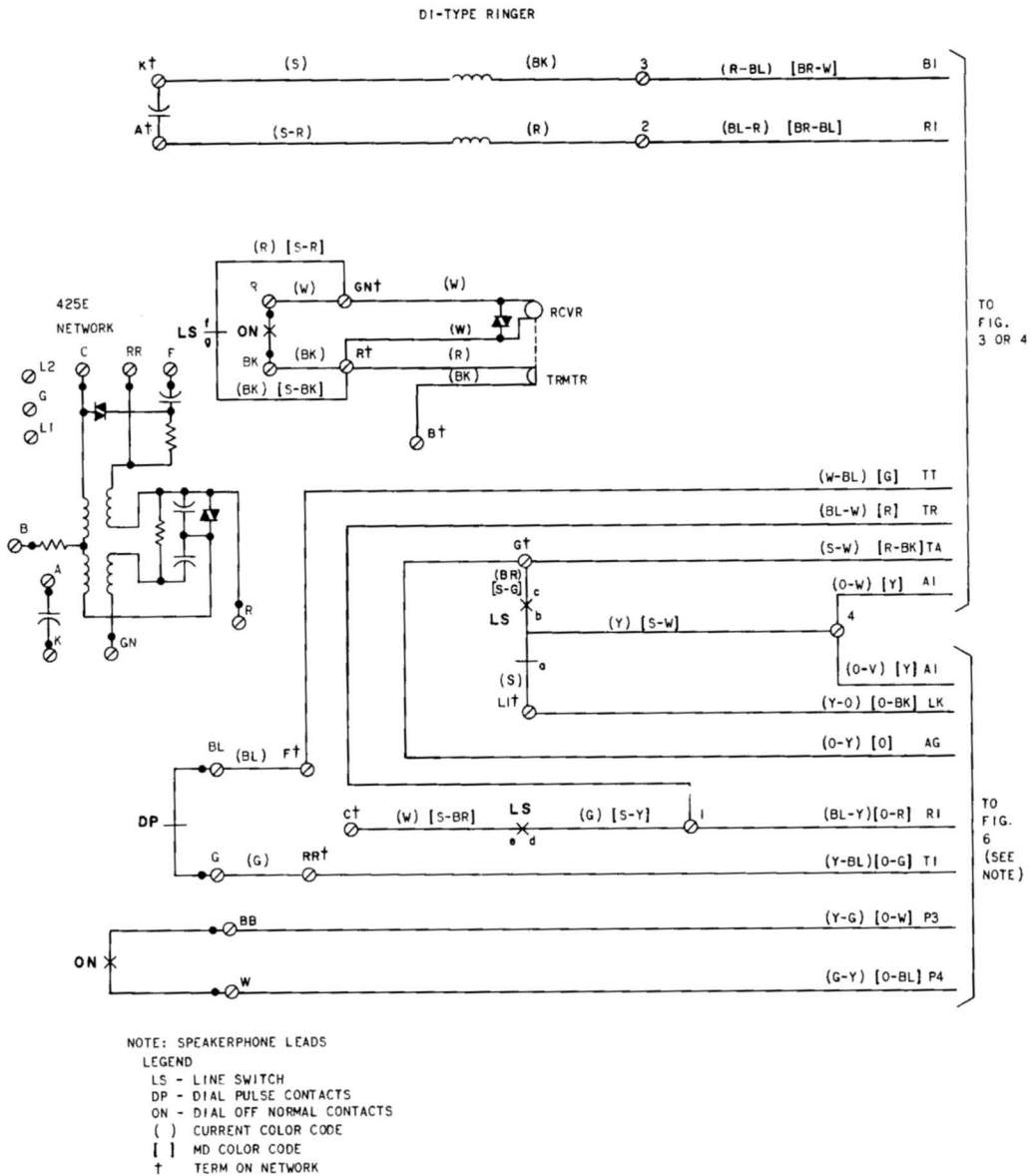


Fig. 2—Early 634- and 635-Type (MD) Telephone Set, Connections

Notes Associated With Fig. 3 and 4

1. WHEN 657A, 599A OR 657B, 599B KEYS ARE USED IN FIRST MODULE, HOLD KEY LAMP (6TH LAMP) MAY BE USED FOR A MISCELLANEOUS VISUAL SIGNAL. CONNECT INDICATED LEAD TO AN AVAILABLE LAMP GROUND. WHEN 656A OR 598A KEY IS USED IN FIRST MODULE, INDICATED LEAD IS CONNECTED TO GROUND ON TERMINAL 5 OF TBI.
2. WHEN 656A OR 598A KEY IS USED IN FIRST MODULE, INDICATED LEAD IS CONNECTED TO TERMINAL A (634 SET) AND TERMINAL 1A (635 SET) OF TB6.
3. WHEN 656A OR 598A KEY IS USED IN THIRD MODULE OF 634 SET, INDICATED LEAD IS CONNECTED TO TERMINAL 5 OF TB3.
4. TO CONVERT A PICKUP KEY FROM LOCKING TO NONLOCKING THE CONVERSIONS SHOWN IN TABLE A MUST BE FOLLOWED. A P-11E977 INSULATING DETAIL MUST BE PLACED OVER THE TWO KEY CONTACTS ADJACENT TO THE KEY PLUNGER. REMOVE THE SCREW DETAIL P-10E837 ENTIRELY FROM THE PLUNGER AT THE KEY POSITION TO BE CONVERTED.
5. CUTOFF OF THE INTERNAL RINGER CAN BE PROVIDED USING THE 657B OR 599B KEY IN FIRST MODULE. TRANSFER B1 (R-BL) [BR-W] LEAD FROM TERMINAL 3 OF TERMINAL BOARD (TEL. SET) TO TERMINAL 6 OF TBI. TRANSFER (R) [S-BK] LEAD FROM TERMINAL 5 OF TBI TO TERMINAL 3 VACATED B1 LEAD.
6. WHEN 657B OR 599B KEY IS USED IN FIRST MODULE TO PROVIDE CUTOFF, SWITCHING, OR TRANSFER FEATURES, TRANSFER (Y-BR) [Y-BK] LEAD FROM TERMINAL 6 OF TBI TO TERMINAL SG OF TBVI. THESE SERVICE FEATURES ARE PROVIDED BY AN AUXILIARY RELAY (229B KTU OR EQUIVALENT) SEPARATELY MOUNTED AND CONTROLLED BY THE TURN KEY CONTACTS THROUGH THE LGS, C, S, SI LEAD.
7. CONTACTS OF TURN KEY CONNECTED TO PINS 9 AND 11 MUST BE ISOLATED FROM EACH OTHER WITH INSULATING DETAIL P-13E443 (FURNISHED WITH 657B OR 599B KEY) TO PREVENT INTERFERENCE WITH WORKING CIRCUITS.
8. THE TURN KEY LAMP CAN BE ILLUMINATED IN ACCORDANCE WITH OR INDEPENDENT OF TURN KEY OPERATION.
9. WHEN THE 617A KEY IS REQUIRED AS A DUAL PURPOSE KEY, THE BRASS STRAP BETWEEN THE SI AND SG TERMINALS OF THE KEY MAY BE REMOVED. USE MIW CORD OR EQUIVALENT TO CONNECT SI TERMINAL OF 617A TO A DISSIMILAR GROUND OR A NONGROUNDED CIRCUIT.
10. CORDS MANUFACTURED BEFORE APRIL 1968 HAVE SOME LEADS SOLDERED TO THE TB.
11. WHEN 661- OR 667-TYPE TRANSMITTER IS USED IN THIRD MODULE OF 634 SET, REMOVE INDICATED LEAD AND INSULATE.
12. WHEN SPEAKERPHONE CONTROL UNIT IS LOCATED NEAR TELEPHONE SET, A 148A (MD) OR 148B ADAPTER MAY BE INSERTED BETWEEN CONNECTOR 1 AND PLUG 1 OF THE 634- OR 635-TYPE SET.

* LEADS ARE SPADE-TIPPED, INSULATED, AND STORED.

† NOT REQUIRED FOR 3-TYPE SPEAKERPHONE SYSTEM.

IF A 148-TYPE ADAPTER IS USED, INSULATE AND STORE THESE LEADS AT TERMINAL.

() CURRENT COLOR CODE.

[] MD COLOR CODE.



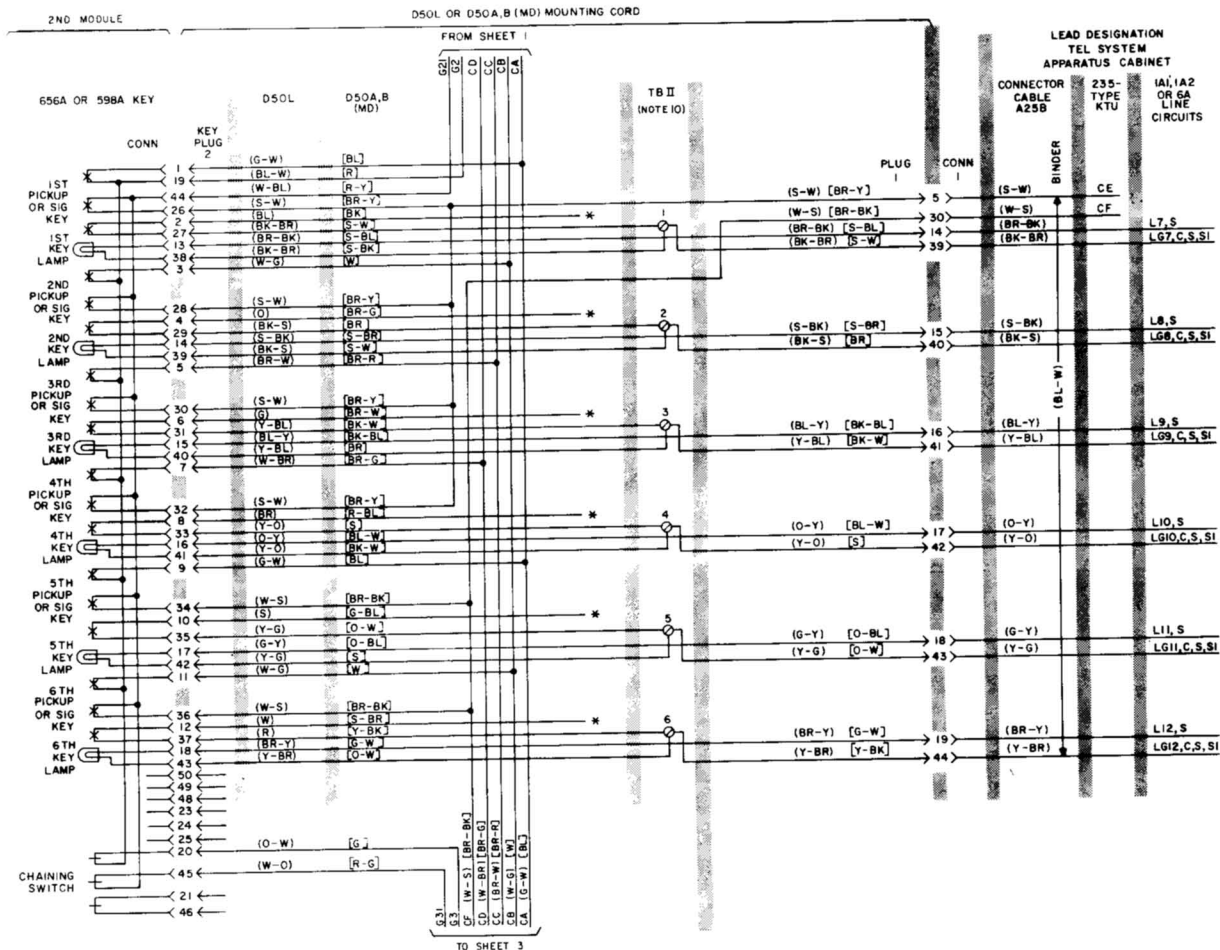
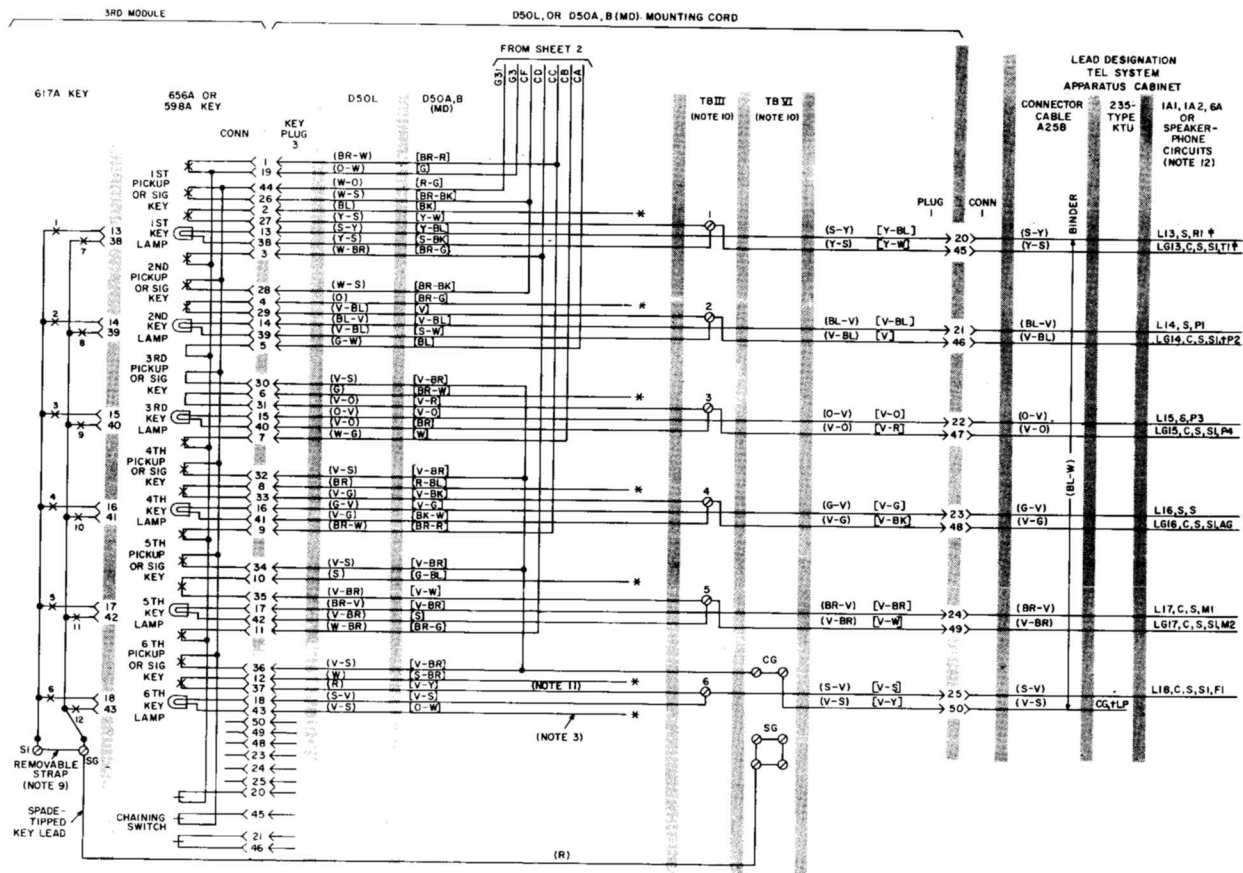


Fig. 3—Module Arrangements and Cord and Cable Connections for 634-Type (MD) Telephone Sets (Sheet 2 of 3)



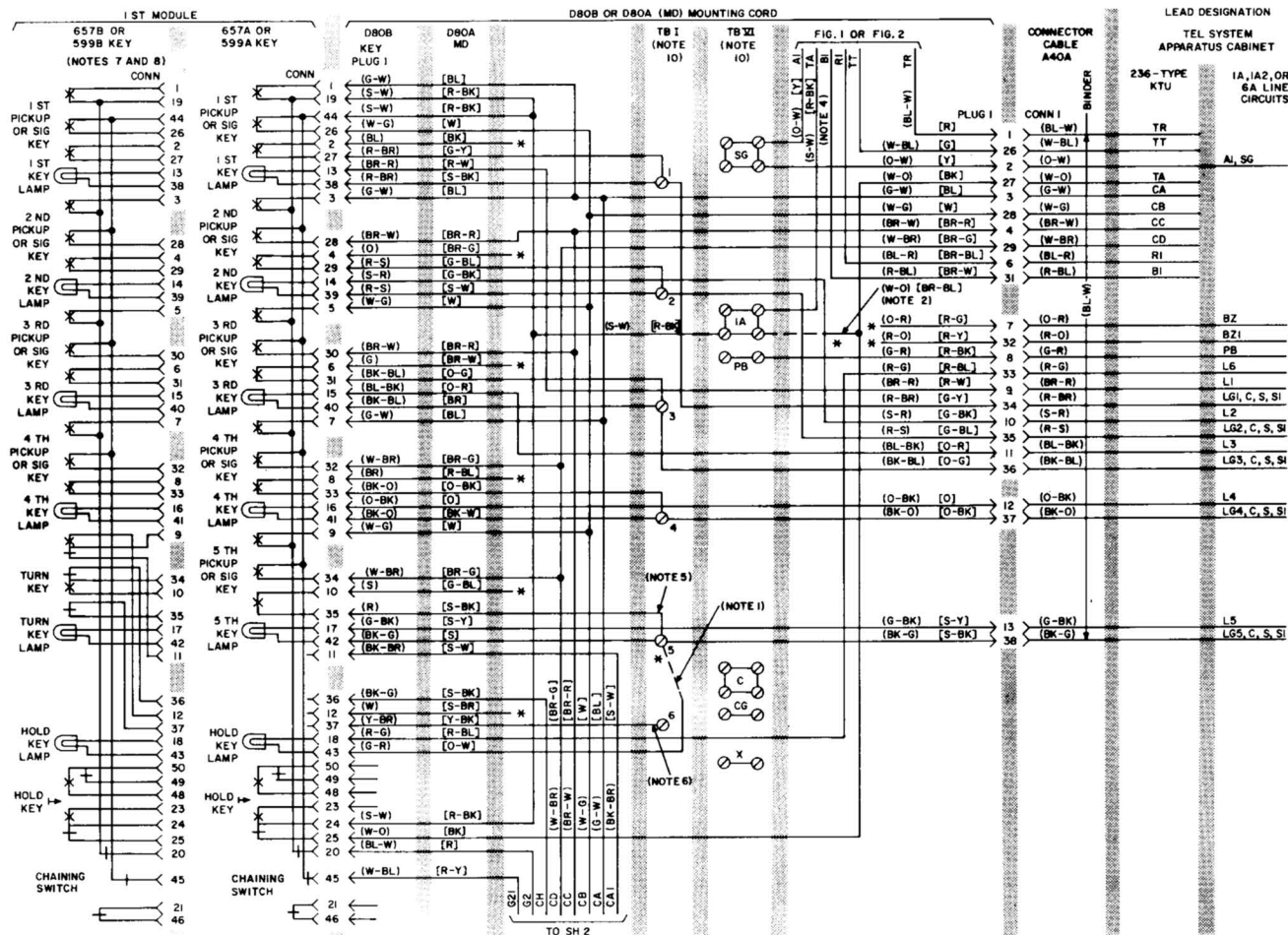


Fig. 4—Module Arrangements and Cord and Cable Connections for 635-Type (MD) Telephone Sets (Sheet 1 of 5)

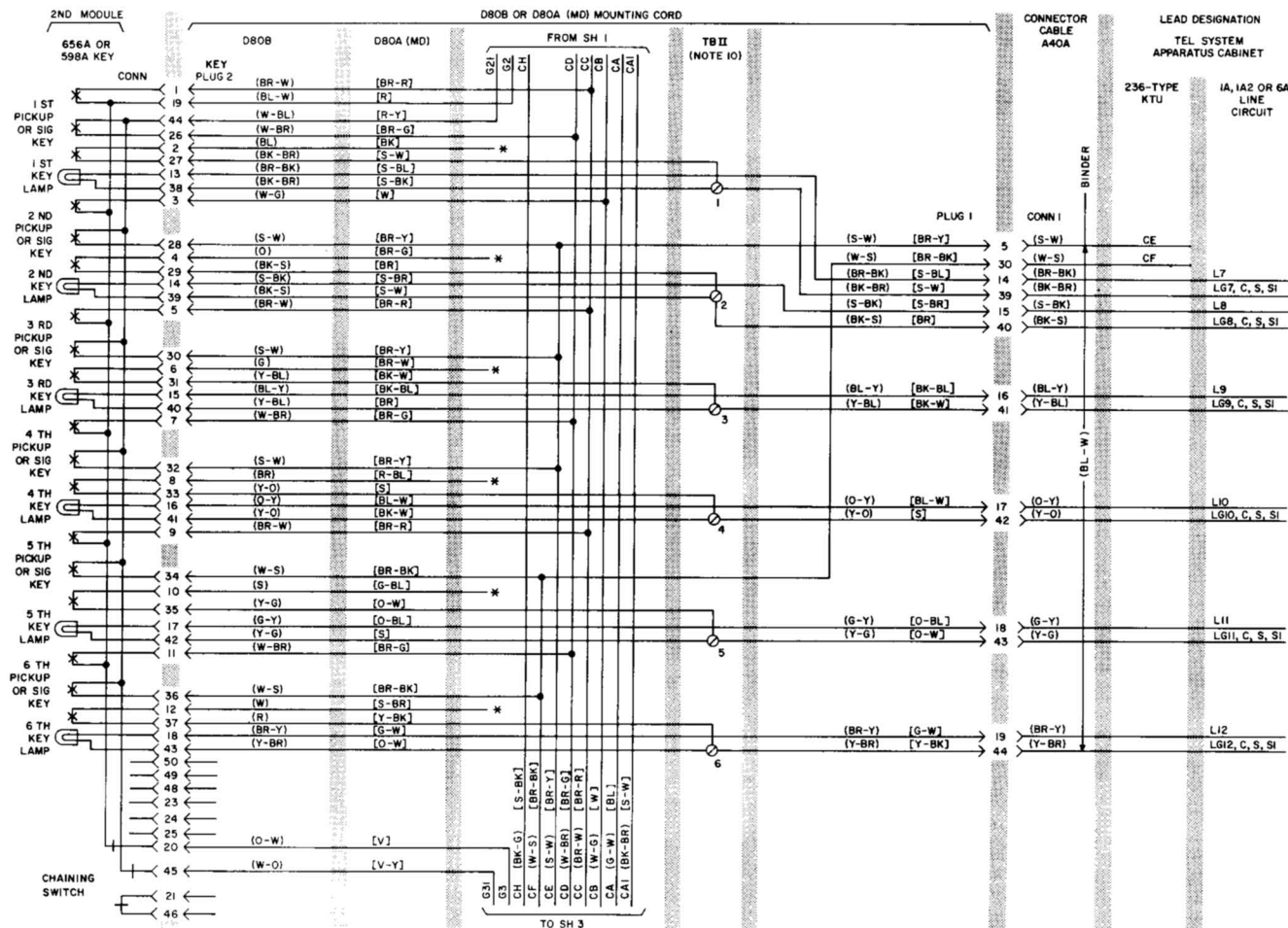


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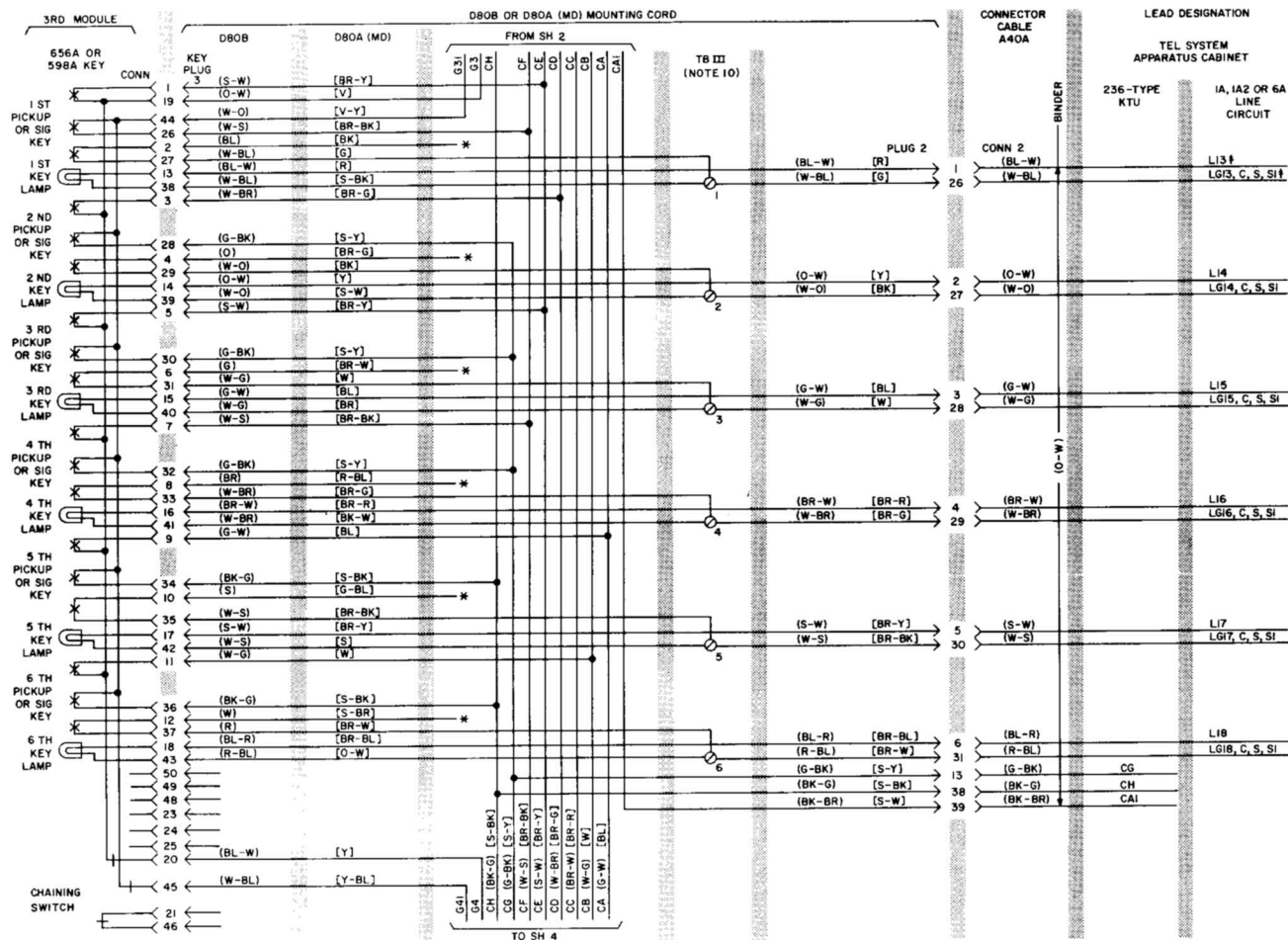


Fig. 4—Module Arrangements and Cord and Cable Connections for 635-Type (MD) Telephone Sets (Sheet 3 of 5)



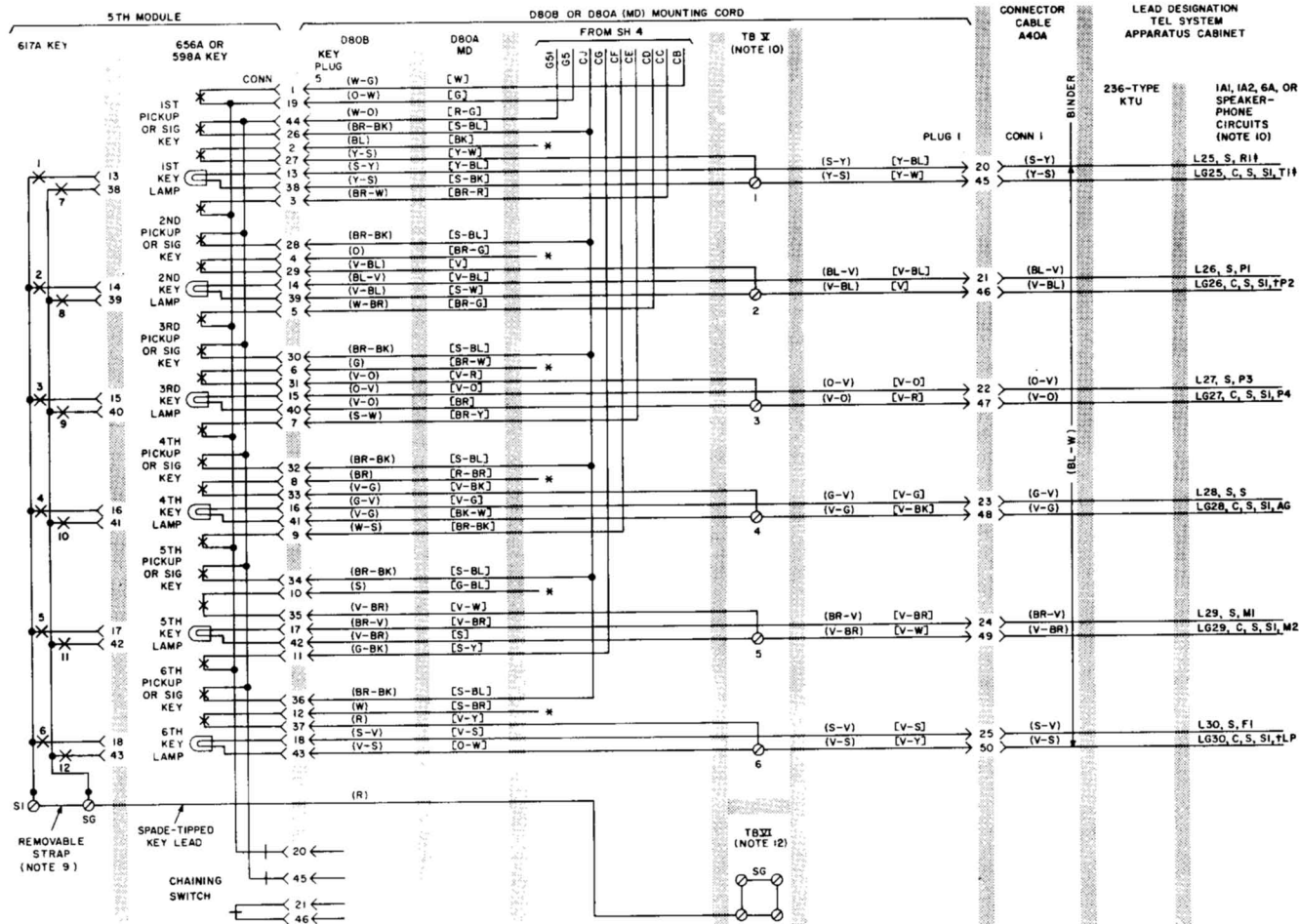


Fig. 4—Module Arrangements and Cord and Cable Connections for 635-Type (MD) Telephone Sets (Sheet 5 of 5)

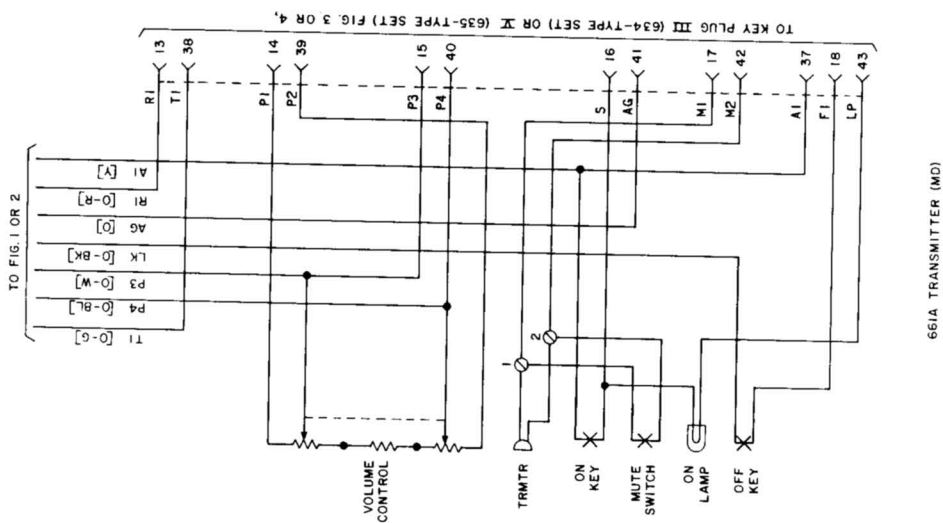
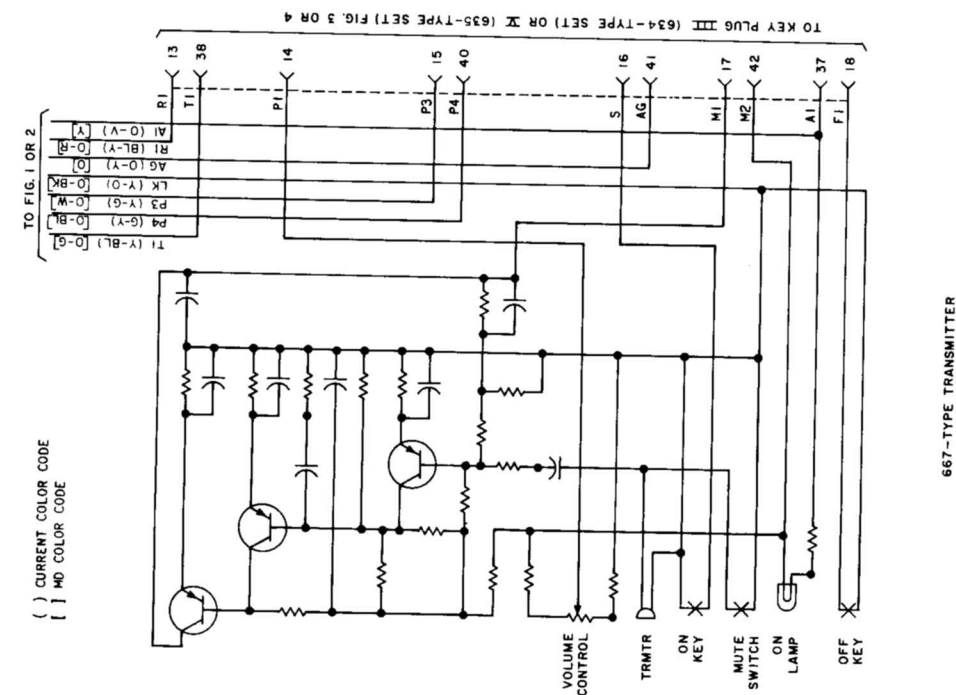


Fig. 5—Speakerphone Transmitters

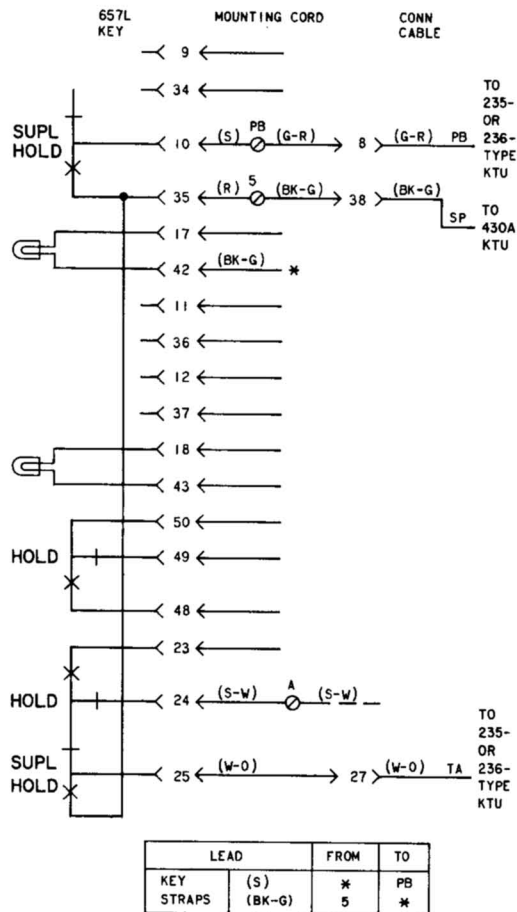


Fig. 6—Priority Hold, Using 657L Key