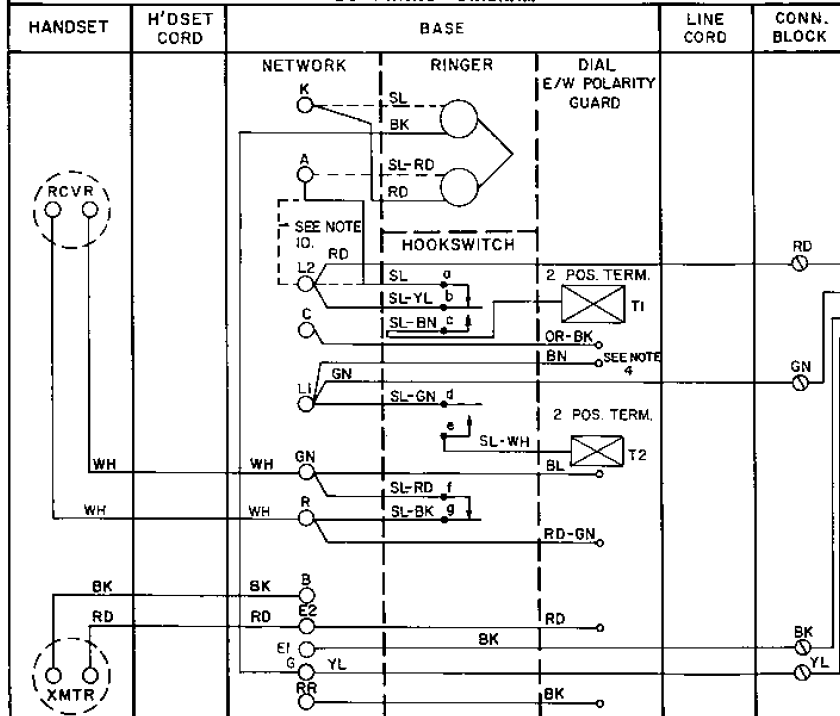


- 20 WIRING DIAGRAM



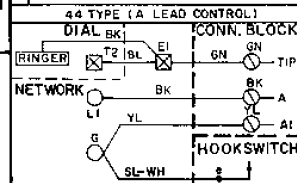
NOTES:

1. TAPED AND STORED EXCEPT FOR 16-25 HZ RINGERS WHICH CONNECT SAME AS BIASED RINGER.
2. ALL SPECIAL FEATURE CONNECTIONS SHALL OTHERWISE BE WIRED SAME AS K-2500 & K-3554 -20 TYPE CIRCUIT.
3. FOR SCHEMATIC OF SET SEE TIMM-2 TELEPHONE INSTRUMENT MAINTENANCE MANUAL.
4. BROWN LEAD CONNECTED TO DIAL STATIC SHIELD. (FOR 27M AND 28M CONNECT TO L2 INSTEAD OF L1.)
5. CONDUCTORS TAPED AND STORED.
6. TO DISABLE THE POLARITY GUARD FEATURE CUT THE STRAP WIRE ON THE COMPONENT SIDE OF THE BOARD.
7. CONNECT TO 2 POSITION TERMINAL T1 ON DIAL.
8. CONNECT TO 2 POSITION TERMINAL T2 ON DIAL.
9. WHEN USED WITH KIA1 OR KIA2 KEY TELEPHONE SYSTEM, BLACK CONDUCTOR OF MOUNTING CORD IS THE "A" LEAD AND YELLOW IS THE "B" LEAD.
10. DOTTED LINE INDICATE CONNECTION FOR 130(OBA) WITH ANI FEATURE (TABLE A).

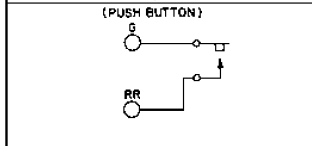
TABLE A  
CONNECTION OPTIONS FOR RINGERS AND LINE CORD AT THE SUBSET

CLASS OF SERVICE	CONNECTIONS AT NETWORK															
	MODULAR RECEPTACLE LEADS			RINGER TYPE						HOOKSWICH LEADS						
	RD	GN	YL	RD	BK	SL	SL-RD	RD	BK	SL	SL-RD	SL	SL-W	SL-BN		
BRIDGED	L2	L1	G	NOTE 5	L2	L1	K	A	L2	L1	NOTE 1	NOTE 1	L2	NOTE 8	NOTE 7	
RING PARTY	L2	L1	G	NOTE 5	L2	B	K	A	L2	G	NOTE 1	NOTE 1	L2	NOTE 8	NOTE 7	
TIP PARTY	NO. IDENT. GND	L2	L1	G	NOTE 5	L1	G	K	A	L1	G	NOTE 1	NOTE 1	L2	NOTE 8	NOTE 7
	IDENT. GND. 1000 OHMS	L1	L2	G	NOTE 5	K	B	B	A	G	B	NOTE 1	A	NOTE 7	NOTE 8	
	IDENT. GND. 2650 OHMS	L1	L2	G	NOTE 5	B	B	K	B	G	A	NOTE 1	B	NOTE 7	NOTE 8	

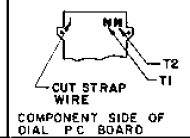
NOTES:  
II. TABLE A APPLIES TO 4 WIRE 130(OBA) ONLY.



SPECIAL FEATURE CONNECTIONS (NOTE 2)  
24 TYPE (PUSH BUTTON GND)



42 TT DIAL PG. DISABLE AND TERMINAL LOCATIONS

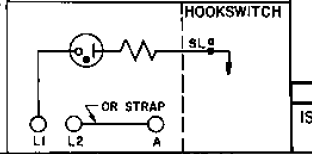


BIAS SPRING ADJUSTMENT  
HIGH BIAS POSITION  
LOW BIAS POSITION

130 (BA) RINGER IS SHIPPED FROM THE FACTORY WITH THE BIAS SPRING IN THE HIGH BIAS POSITION. THE RINGER IS ADJUSTED TO RING AT 77 VOLTS AT 20 HZ. IN THE HIGH BIAS POSITION.

FOR LOWER VOLTAGES AND 30 HZ RINGING, THE BIAS SPRING MAY REQUIRE MOVING TO THE LOW BIAS POSITION.

27 & 28 (MESSAGE WAITING LAMP)



5  
ISSUE NO.