

DATA SET 202A
CONNECTIONS

1. GENERAL

1.01 This section covers connection information for data set 202A. Procedures for removing and replacing the data set covers are in Section 592-013-100.

2. CONNECTIONS

2.01 See Fig. 1 and 2 for location of terminal boards and miscellaneous parts.

2.02 See Tables A and B for wiring options and connections.

2.03 The spare keys are wired for 1A key telephone system operation without a hold feature. To convert spare keys for 1A1 operation without a hold feature:

(1) Move S-Y switchhook lead from 1 to 1B on terminal strip TB1.

(2) Move S-BR switchhook lead from 2 to M on terminal strip TB1.

(3) Strap terminals 1 and 2 on terminal strip TB1.

2.04 To convert spare pickup keys to nonlocking signal keys, remove screw P-12A892 and store. Make the following connection changes.

Spare Key	Move		
	Lead	From	To
1	W-BR	M	SG
2	BK-BR	M	SG
3	See Note		

Note: Convertible only if automatic answer circuit is not controlled by this key. Move Y option strap (connected to terminal 7) from M to SG on terminal strip TB1.

2.05 Fig. 3 shows line connections for the data set and associated telephone circuit.

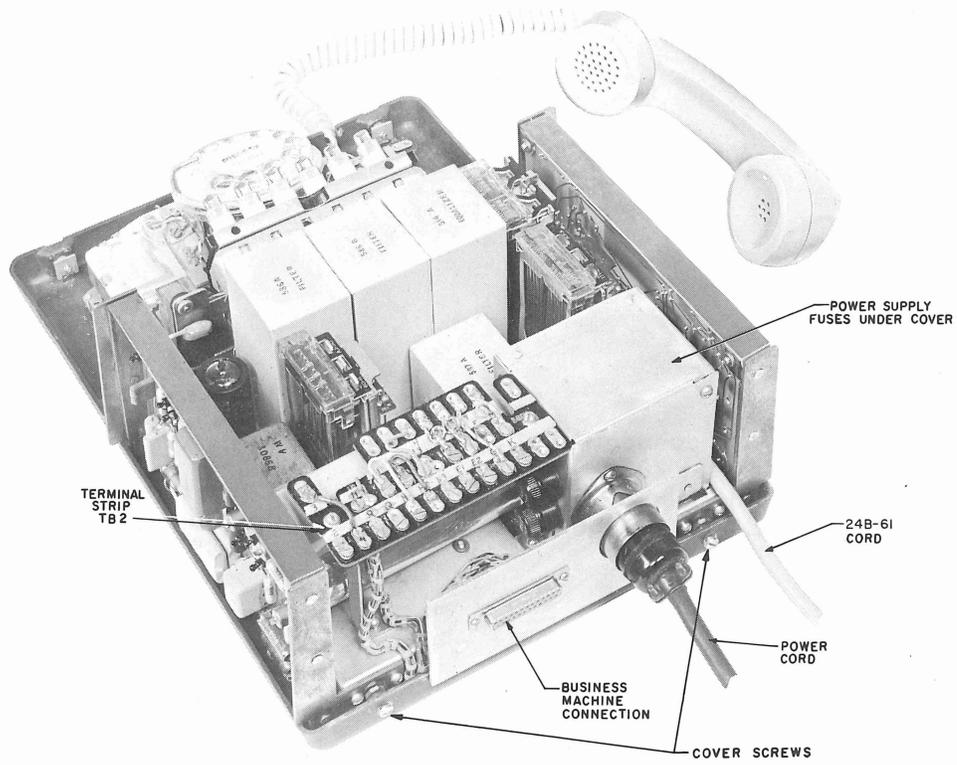


Fig. 1 - Data Set 202A, Rear View

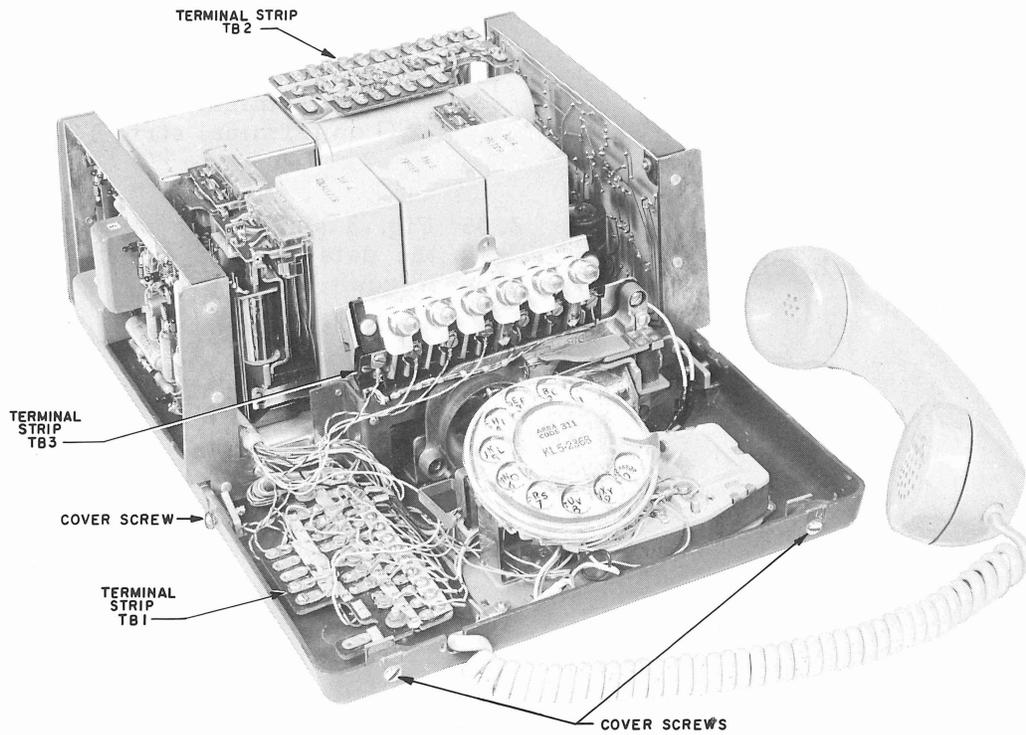
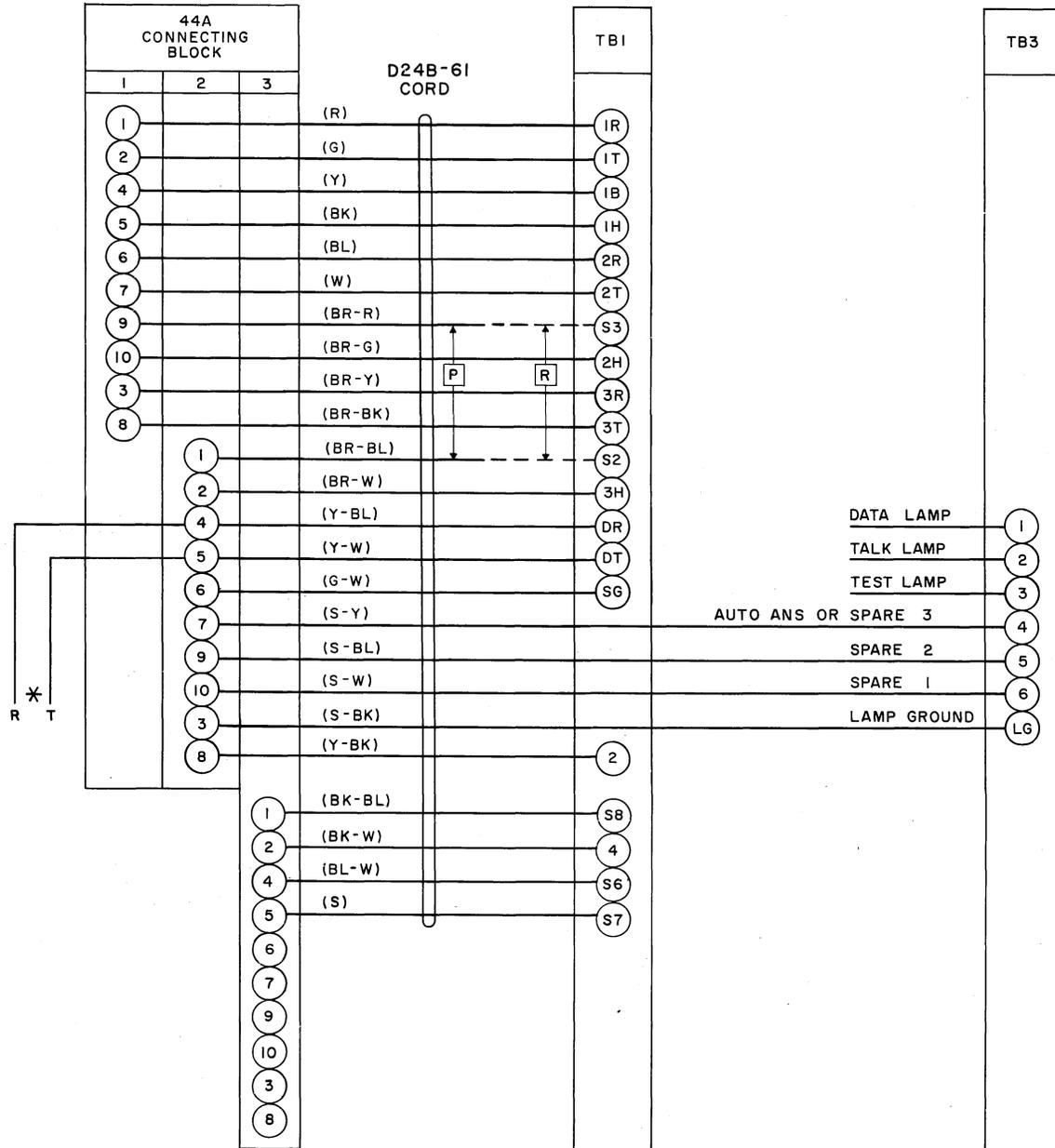


Fig. 2 - Data Set 202A, Front View



- * DATA LINE
- P** TAPED AND STORED AT TB1 IN ALL SETS EXCEPT LIST B.
- R** WIRED TO S2 AND S3 AT TB1 AND TO NO.2 MAKE CONTACT OF C RELAY ON ALL SETS MANUFACTURED AS LIST B.

Fig. 3 - Data Set 202A, Connections

The following table contains instructions for connecting installer options.

(See Note)

TABLE A

Feature or Option		Provide Straps			
		Option	From	To	Quantity
Automatic Answering	With Pushbutton	Z	DR, TB1 7, TB1	3H, TB1 6, TB1	1 Per Circuit
	Without Pushbutton	Y	DR, TB1 7, TB1	6, TB1 M, TB1	
-6 DBM output is required for normal subscriber loop operation		M	15, TB2	M, TB2	1 Per Circuit
0-DBM output is required for long subscriber loop operation		K	15, TB2	K, TB2	
Equalizer is required for switched network application		J	H ₁ , TB2 H ₂ , TB2 4, TB2	J ₁ , TB2 J ₂ , TB2 J ₃ , TB2	1 Per Circuit
Equalizer is not required on private lines already equalized		H	H ₁ , TB2 H ₂ , TB2 4, TB2	H ₂ , TB2 H ₁ , TB2 H ₃ , TB2	
Clamp on demodulator output when noise protection is required		G	9, TB2	G, TB2	1 Per Circuit
Clamp removed on demodulator output Noise protection is not required		F	9, TB2	F, TB2	
900 or less bits/sec operation		E	8, TB2 10, TB2	E ₁ , TB2 E ₂ , TB2	1 Per Circuit
1200 bits/sec operation		D	8, TB2 10, TB2	D ₁ , TB2 D ₂ , TB2	
900Ω Termination		Q	1, TB2	3, TB2	1 Per Circuit
600Ω Termination		N	1, TB2	2, TB2	

Note: In early model sets leads listed in Lead From column were permanently connected. Later model set straps have spade tips on both ends. Options are obtained by connecting straps to designated terminals between Lead From column and Connected To column.

The following table is to be used for customer ready and remote release applications.

TABLE B

	Feature or Option	On Interchange to Customer
No remote release	No remote release (Customer holds permanent short circuit from 19 to 20)	Contact closure from 20 to 21 provides ready. Contact open will not allow automatic answer
Ready and remote release combined	Ready and remote release combined (Customer holds permanent short circuit from 20 to 21)	Contact closure from 19 to 20 provides ready. Contact open will not allow automatic answer. Contact open during or after data transmission provides remote release.
Ready and remote release independent	Ready and remote release independent	Contact closure from 20 to 21 provides ready. Contact open will not allow automatic answer. Contact open from 19 to 20 gives remote release. 19 to 20 contact normally closed during data transmission.