

## REFERENCE

### 503B, C AND 513B TELEPHONE SETS

#### 1. GENERAL

1.01 This section is reissued to revise Fig. 3.

#### 2. IDENTIFICATION

2.01 These common battery sets are used in conjunction with other equipment to provide DATA-PHONE® service.

2.02 With the exclusion key operated, the 503B telephone set can be used with the J1D402B data set to provide data service. With the exclusion key unoperated the set provides regular telephone service.

2.03 The 503C telephone set is used in Data Access Arrangements (DAA) where customer-owned equipment is connected to the DDD network through a coupler. Operation of the exclusion key places the DAA in the data mode and bridges the set receiver across the line to permit monitoring of line signals while in the data mode. This set can be also used to provide regular telephone service.

2.04 The mounting cord of the 513B telephone set plugs directly into the J1D401F data set. Operation of the exclusion key performs functions similar to the 503B telephone set. An additional turn-pushbutton key and lamp are furnished for test purposes.

2.05 For application of these sets, refer to Division 590.

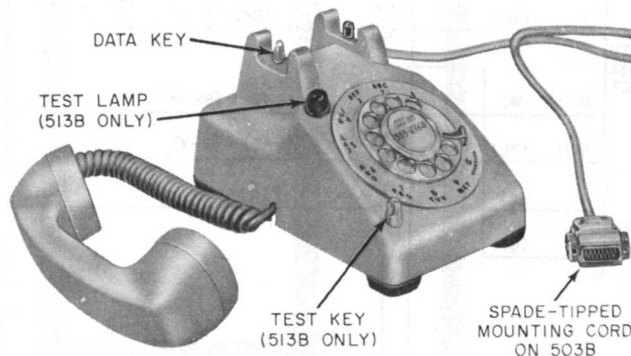


Fig. 1—503B, C, or 513B Telephone Set

◆ TABLE A ◆

#### REPLACEABLE COMPONENTS

TEL SET (NOTE)	HANDSET	DIAL	RINGER	HOUSING ASSEMBLY	MOUNTING CORD	LAMP
503B-61	G3A4-61 or G3AR-61	9C-61	C4A	P-80D961	D6AA-29	
503C-61			H1B			
513B-61			C4A	P-88A561	D10N-87	52A

Note: These sets are available in light gray (-61) only.

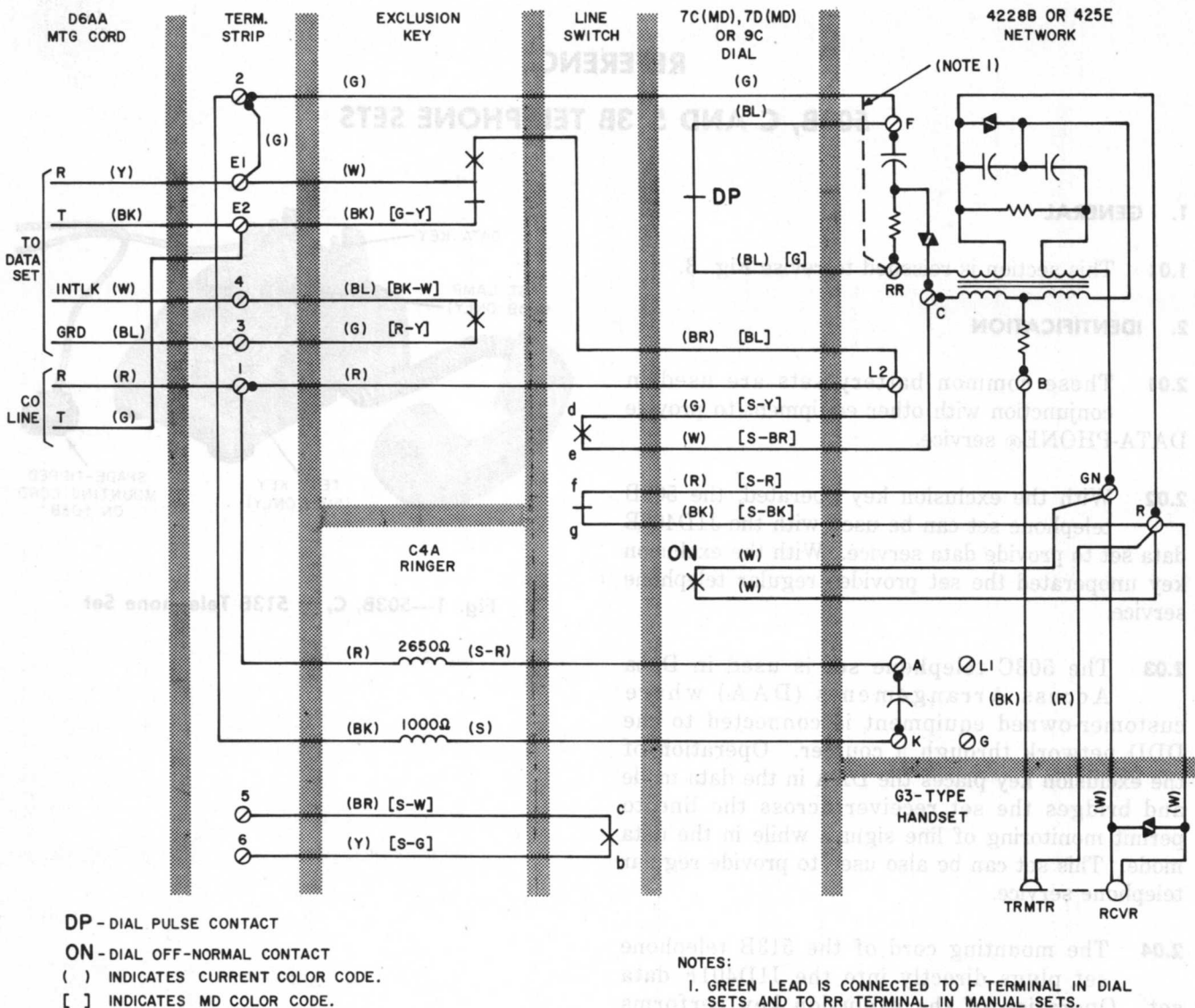
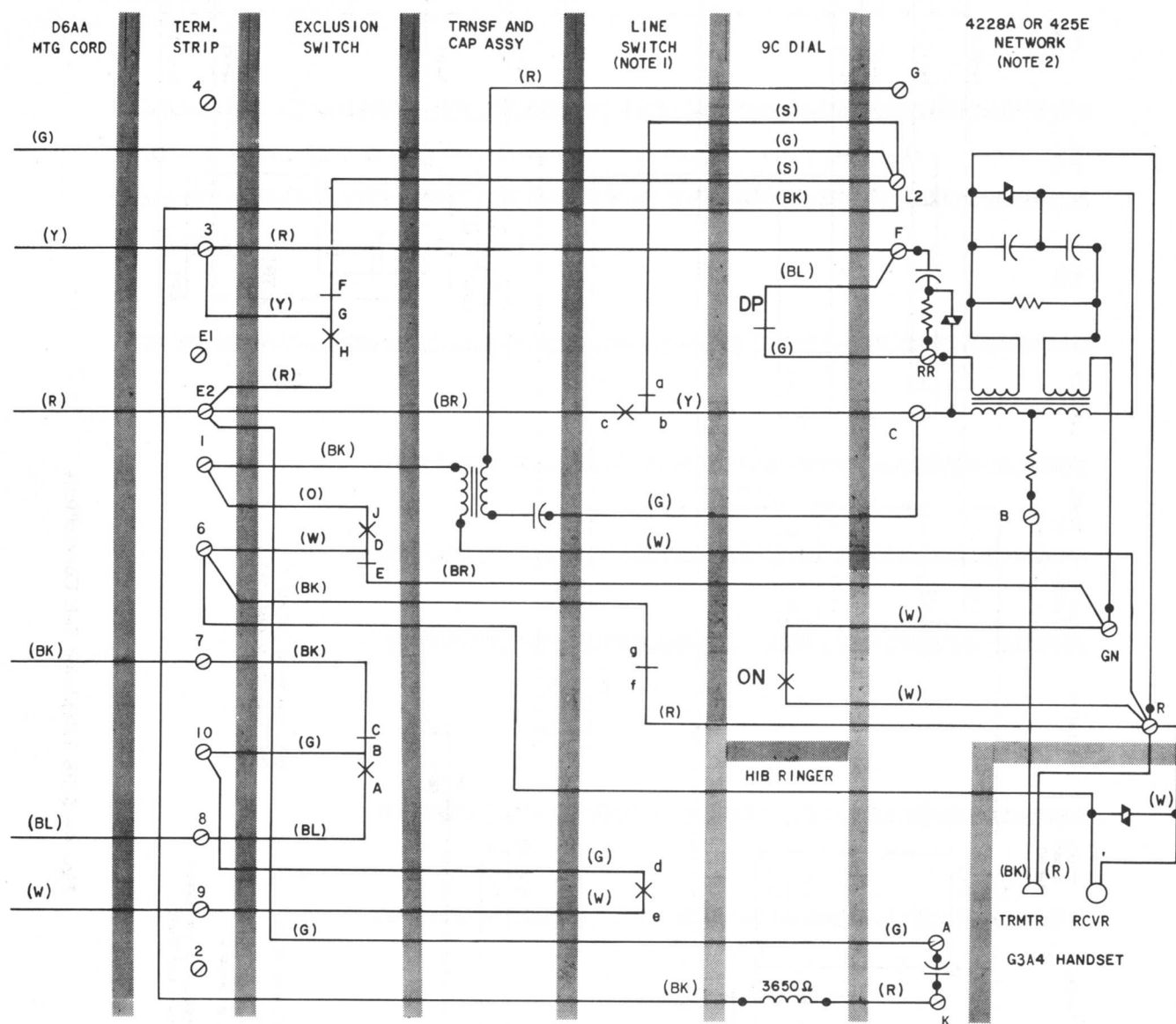


Fig. 2—503B Telephone Set, Connections

TEL SET (NOTE)	HANDSET	DIAL	RINGER	HOUSING ASSEMBLY	MOUNTING CORD	LAMP
503B-61	G3A-61	7C-61	C4A	P-80D-61	D6AA-29	
503C-61	or	9C-61	H1B			
513B-61	G3A-61		C4A	P-88A-61	D10N-87	52A

Note: These sets are available in light gray (-61) only.



DP-DIAL PULSE CONTACTS  
ON-DIAL OFF NORMAL CONTACTS

NOTES:

1. LINE SWITCH SEQUENCE, OFF-HOOK:

- bc MAKES
- de MAKES
- ab BREAKS
- fg BREAKS

2. FOR MONITORING WITH EXCLUSION SWITCH OPERATED, MOVE (R) LEAD FROM TERMINAL G TO TERMINAL L2.

**Fig. 3—503C Telephone Set, Connections**



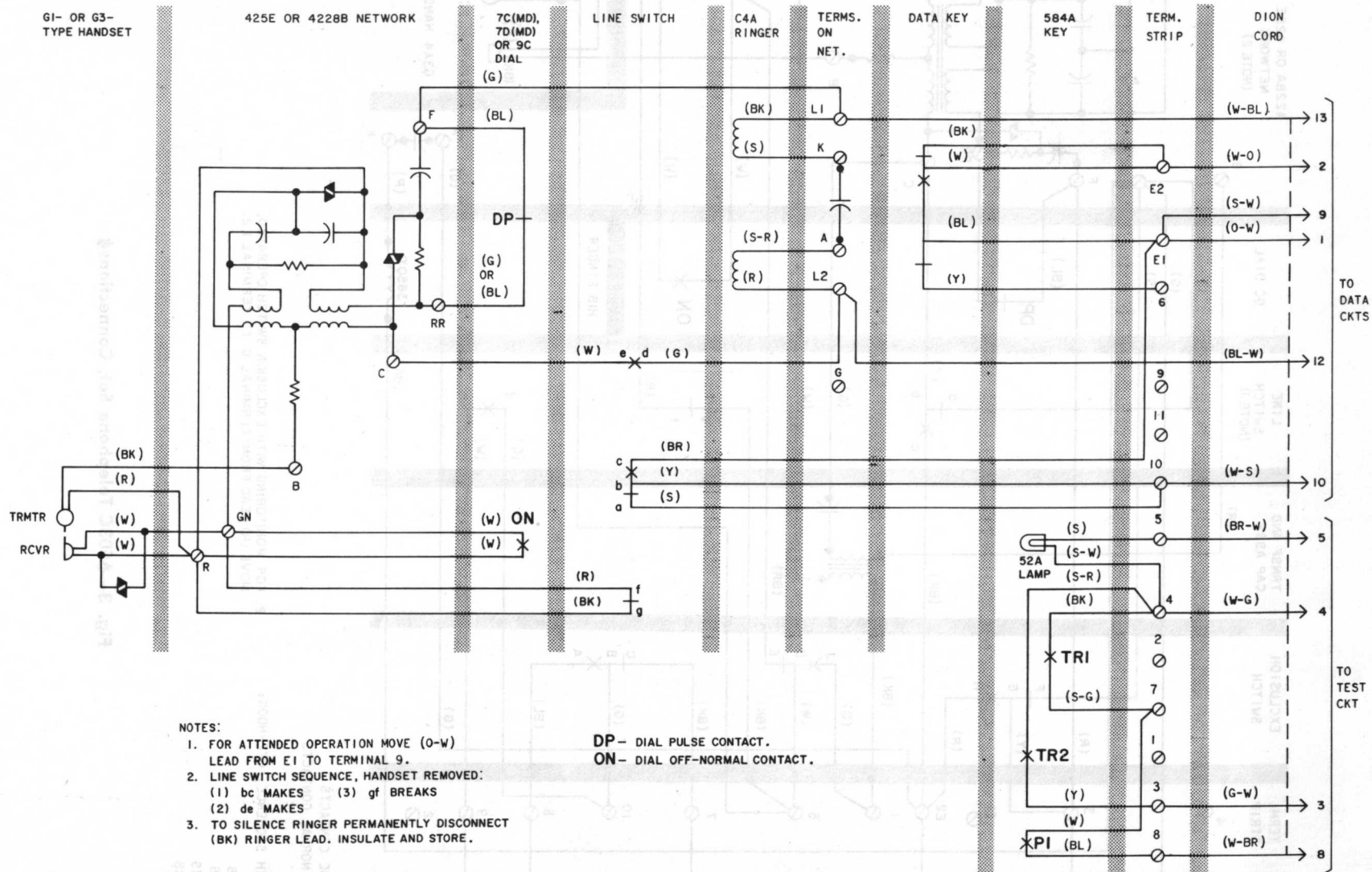


Fig. 4—513B Telephone Set, Connections