

INTERPHONE SYSTEM — 2A FARM

558C/D AND 558F TELEPHONE SETS

CONNECTIONS AND MAINTENANCE

1. GENERAL

1.01 This section covers the modification and connection of 558-type telephone sets when used to provide farm interphone service. Maintenance, limited to components installed in the sets as a result of these modifications, is also covered.

1.02 Information contained in this section was formerly found in Section 512-515-400, Issue 6 and Section 502-515-401, Issue 3.

2. MODIFICATION

2.01 To provide push-to-talk feature, the handset furnished with the 558-type telephone set must be replaced by a G5KR handset. To replace, remove housing, disconnect G1- or G3-type handset leads, and remove handset and cord. Connect spade-tipped leads of G5KR handset as shown in Table A or B and replace housing.

3. CONNECTION INDEX

Table A — 558C/D Telephone Set, Modification For 2A Farm Interphone

Table B — 558F Telephone Set, Modification For 2A Farm Interphone

Fig. 1 — 558C/D Telephone Set, Wired For 2A Farm Interphone

Fig. 2 — 558F Telephone Set, Wired For 2A Farm Interphone

Fig. 3 — 558-Type Telephone Set, Connections as Monitor Station — 2A Farm Interphone

Fig. 4 — 558-Type Telephone Set, Connections as Remote Station — 2A Farm Interphone

4. MAINTENANCE

4.01 Refer to Section 502-515-100 for maintenance of 558-type telephone sets and to Section 512-515-200 for maintenance of 2A farm interphone components.

4.02 Replace G5KR handset if push-to-talk switch should fail. Other maintenance of the handset, such as replacement of receiver or transmitter units and cord, is covered in sections on handsets.

TABLE A
558C/D TELEPHONE SET
MODIFICATION FOR 2A FARM INTERPHONE

WIRE OR LEAD	COLOR	REMOVE FROM	CONNECT TO		INSULATE AND STORE
		TERM. STRIP	NET.	TERM. STRIP	
Exclusion Switch (Hold)	(W)	5*		2	
	(BK) [G-Y]	5*			•
	(BL)	6*		1	
	(Y) [R-Y]	6*			•
Line Switch	(S)	10		E2	
	(BR) [S-G]	9		E1	
	(Y) [S-W]	9 or 12		E1	
Ringer	(R)	1			•
	(BK)	2			•
G5KR Handset (Note)	(BK)			10	
	(BK)			7	
	(W)		R		
	(W)		GN		
	(R)		R		
	(R)		B		

* Terminals 5 and 6 may be reversed on some sets.

() Indicates current color code.

[] Indicates MD color code.

Note: Remove factory furnished handset.

TABLE B
558F TELEPHONE SET
MODIFICATION FOR 2A FARM INTERPHONE

WIRE OR LEAD	COLOR	REMOVE FROM	CONNECT TO		INSULATE AND STORE
		TERM. STRIP	TERM. STRIP	NET.	
Ringer	R	1			•
	BK	2			•
Line Switch	BR	20	4		
Exclusion Switch (Hold)	BR	10	2		
	W	9	1		
	BK	1			•
	Y	2			•
Line Pickup and Signal Key	W-O	20	4		
G5KR Handset (Note)	BK		14		
	BK		19		
	W			R	
	W			GN	
	R			R	
	R			B	

Note: Remove factory furnished handset.

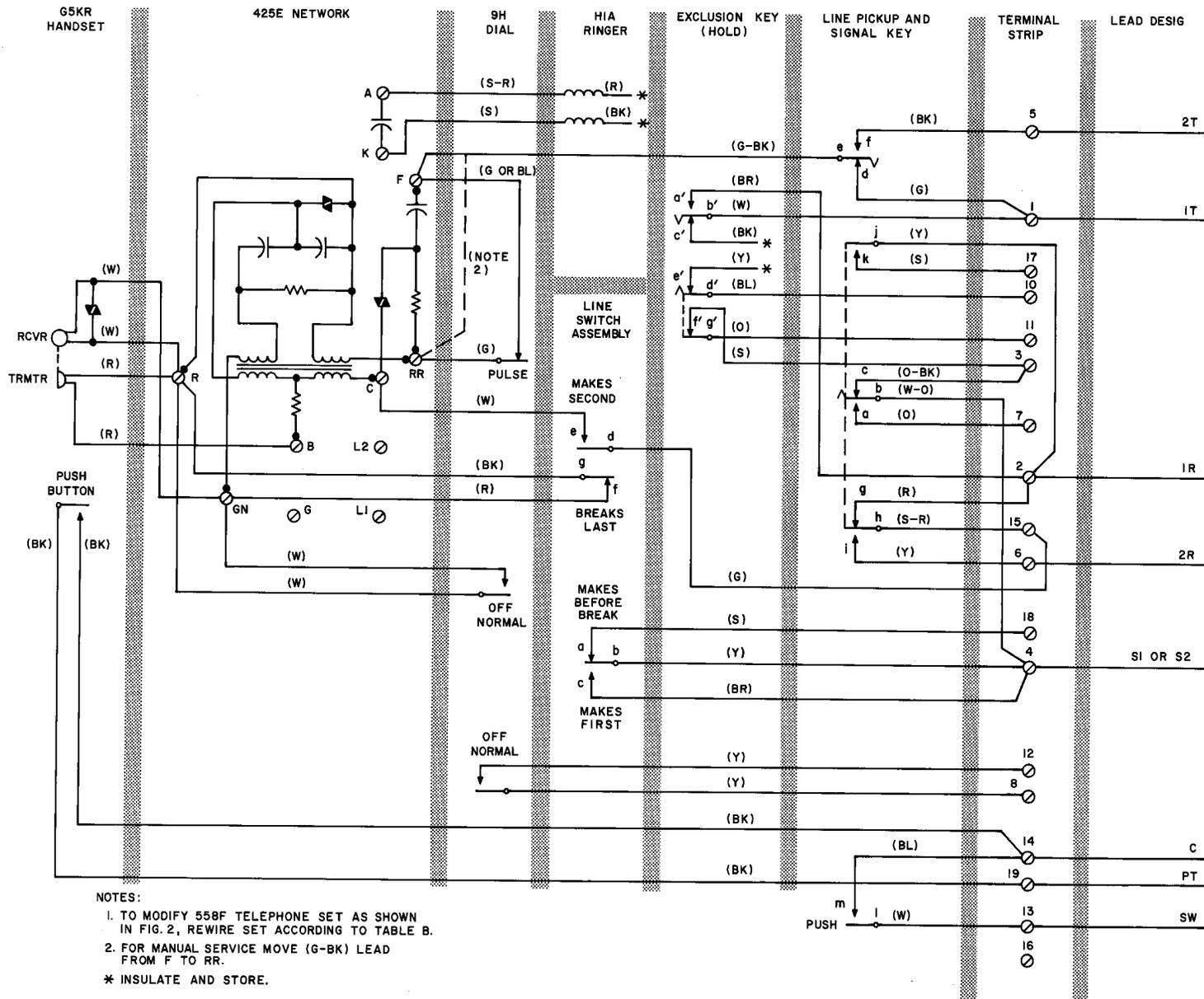
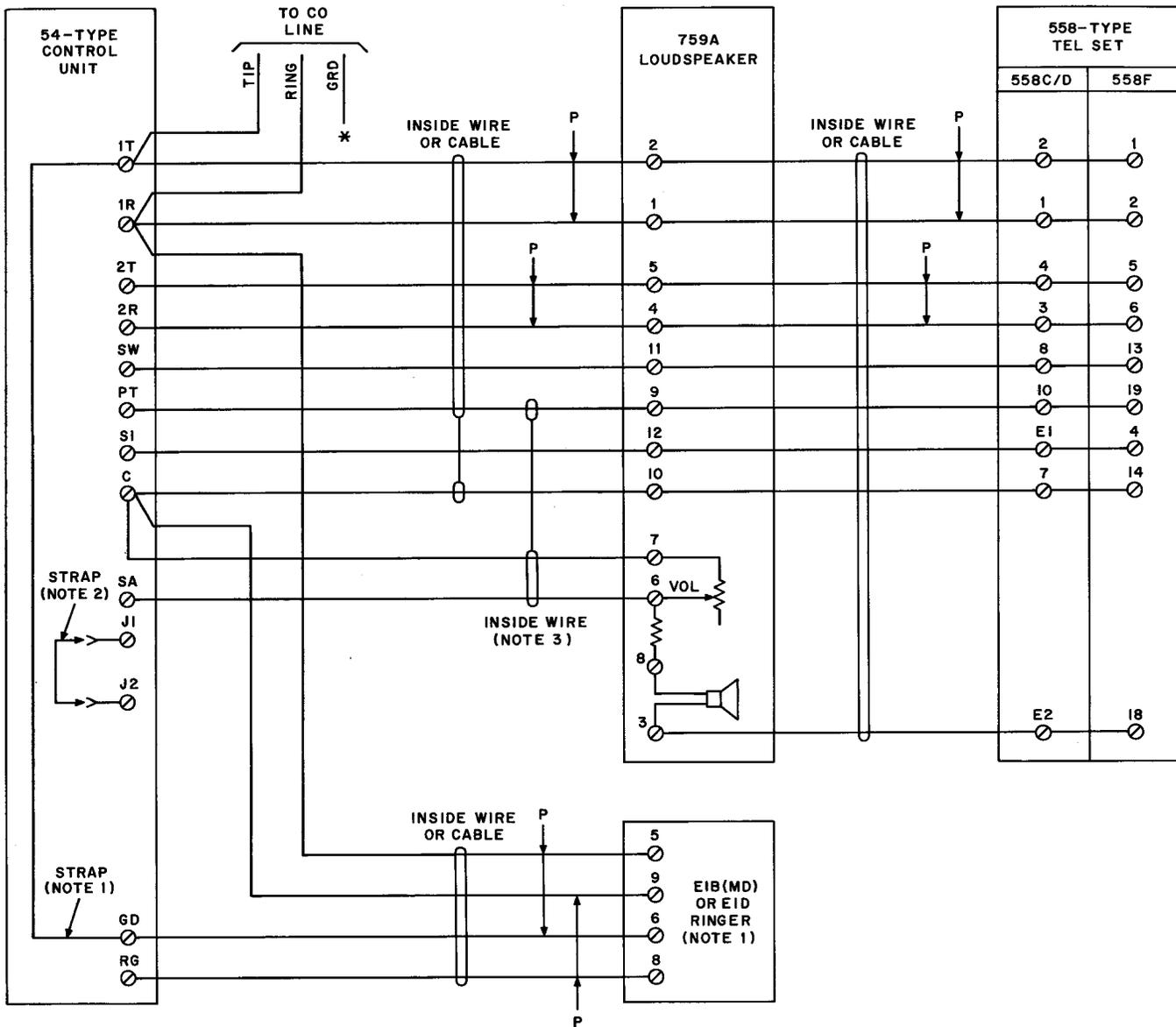


Fig. 2 — 558F Telephone Set, Wired For 2A Farm Interphone



NOTES:

1. FOR RINGING SERVICE OTHER THAN INDIVIDUAL OR BRIDGED, SEE SECTION 512-515-200.
 2. STRAP J1 TO J2 FOR TONE RINGING AT MONITOR STATION.
 3. USE WIRE EXTERNAL OF OTHER WIRING TO CONNECT LOUDSPEAKER TERMINALS 6, 7 AND 12 TO CONTROL UNIT.
- * CONNECT GROUND AS REQUIRED FOR TYPE OF SERVICE DESIRED, SEE SECTION 512-515-200.

Fig. 3 — 558-Type Telephone Set, Connections as Monitor Station — 2A Farm Interphone

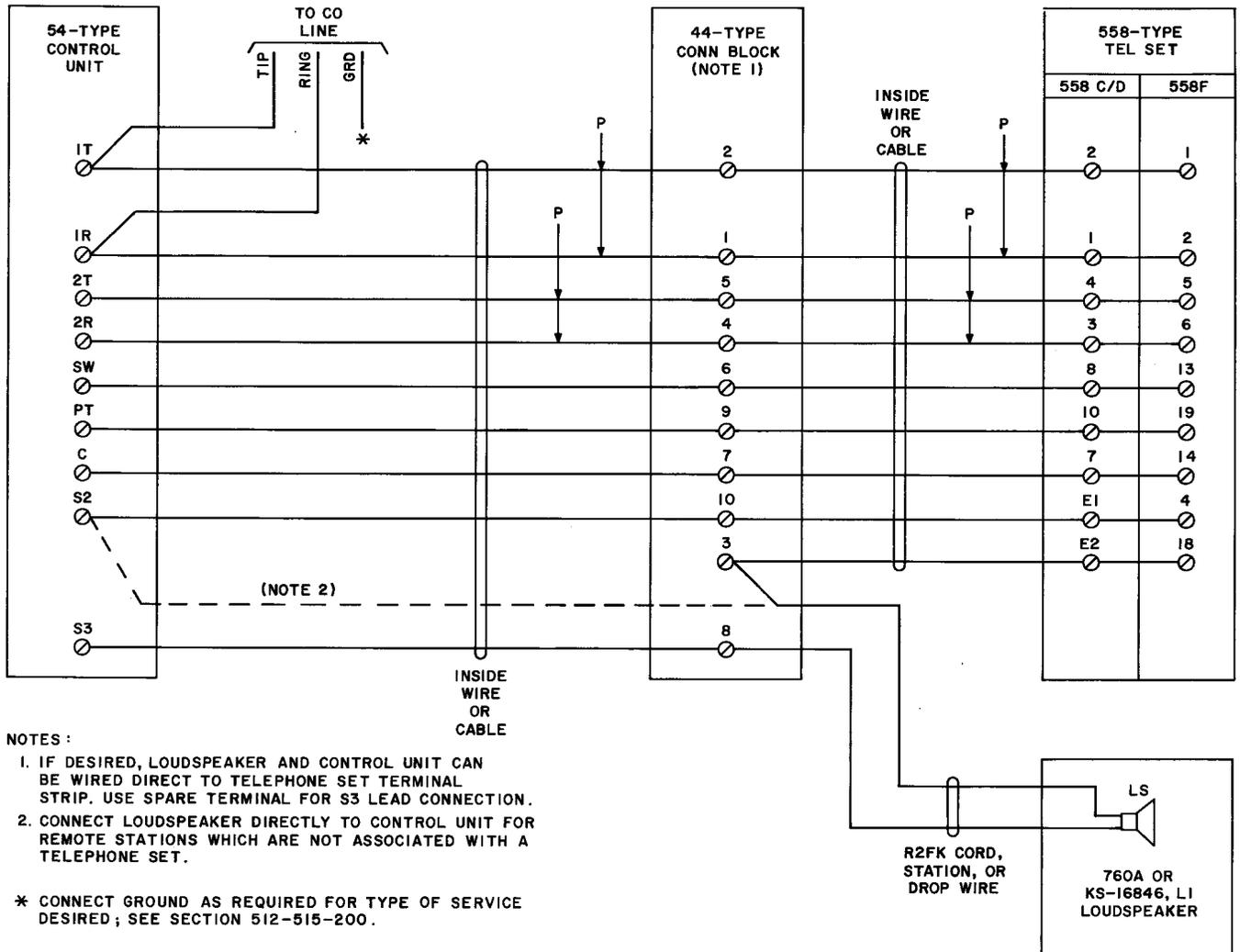


Fig. 4 — 558-Type Telephone Set, Connections as Remote Station — 2A Farm Interphone