

## SERVICE

### F1A RINGER

#### 1. GENERAL

1.01 The F1A (MD) ringer is a single coil, high impedance ringer with a 2 position bias spring adjustment.

1.02 Reissued to show F1A ringer rated MD.

1.03 This ringer may be connected with the following classes of service:

- Individual flat and message rate
- 2-party flat and message rate
- Regular PBX stations

1.04 The F1A ringer is not to be used for the following classes of service:

- 4-party selective
- 8-party semiselective
- Nonselective party lines
- Divided code ringing

1.05 In areas where inductive interference requires cold-cathode tube-type ringing bridges, the F1A ringer may be connected as shown in the connection practices on ringer and relay type subscriber sets-polarized ringing.

1.06 Standard ringing bridge limitations apply to the use of this high impedance ringer.

1.07 The ringer is shipped with bias spring in high (left) notch. The bias spring may be placed in low notch when double tap is experienced in CHIME position or when operation is not satisfactory with bias spring in high notch. If repositioning bias spring results in dial tap or poor operation, check connections.

**TABLE A**

**LINE AND RINGER CONNECTIONS FOR F1A RINGER**

WIRE OR LEAD		COLOR	INDIV OR BRIDGED	RING PARTY	TIP PARTY (NOTE)
Inside Wire	Ring	R	6	6	1
	Tip	G	4	1	6
	GRD	Y		4	4
Ringer		R	7	7	7
		S-R	2	2	2
		S	2	2	2
		BK	4	4	4
Network Straps	G	BL	4	4*	4*
	A	R	7	7	7
	B	G	6	6	6

\*Place BL strap on (1) whenever severe induction noise is encountered.

**Note:** For tip party with 1000Ω or 2650Ω identifying ground, connect F1A ringer for tip party service and modify all telephone sets associated with ringer for tip party identifying ground per appropriate Bell System Practice. The telephone set ringer may be permanently silenced per the Bell System Practice. Ringerless telephone sets may use a 1610A or 1635A inductor for tip party identifying ground.

#### NOTICE

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