

SUBSCRIBER SETS — RINGERS ONLY
NONPOLARIZED — MAGNETO — CONNECTIONS

1.00 INTRODUCTION

This section covers the combination of apparatus and connections of the 392L, 531A, 584DE and DF, 592A and B, and 687A subscriber sets used as ringers or extension ringers on nonpolarized ringing magneto lines.

2.00 GENERAL

- 2.01 These subscriber sets may be used as shown in Table A.
- 2.02 When subscriber sets are connected to ground, pole all ringers with black ringer lead toward ground.

TABLE A—ASSOCIATED APPARATUS

Class of Service	Ringer or Extension Ringer	Loud Ringing Bell
Individual line, magneto PBX, and nonselective code ringing lines having 8 or less stations and a loop resistance from central office to any station of 800 ohms or less.	584DF 531A 687A	392L 592B
Nonselective code ringing lines having more than 8 stations or a loop resistance from central office to any station of more than 800 ohms.	531A 584DE 687A	392L 592B
Two-party selective and four-party semiselective stations.	584DE 584DF 531A 687A	392L 592A
Divided code ringing.	584DE 531A 687A	392L 592A

TABLE B—COMBINATION OF APPARATUS

Sub. Set Code	Components		Impedance of Ringing Bridge
	Ringer	Capacitor	
392L	—	21BF, 149D, or 449D	High
531A	B1AL	198B	
584DE			
584DF	78A	1149A	Low
592A	—	198A	High
592B	—	—	
687A	C4A	198C	

2.03 The use of high- and low-impedance ringers on the same line should be avoided. Where both types are used or where supply conditions make it necessary to add a ringer of a different impedance, the capacitors should be connected in the high-impedance ringers to minimize the unbalance of the ringing bridges.

2.04 Where all ringers on a party line are of a high-impedance type, the capacitors should be disconnected and the leads terminated on a vacant terminal.

SECTION 510-310-400

3.00 CONNECTIONS

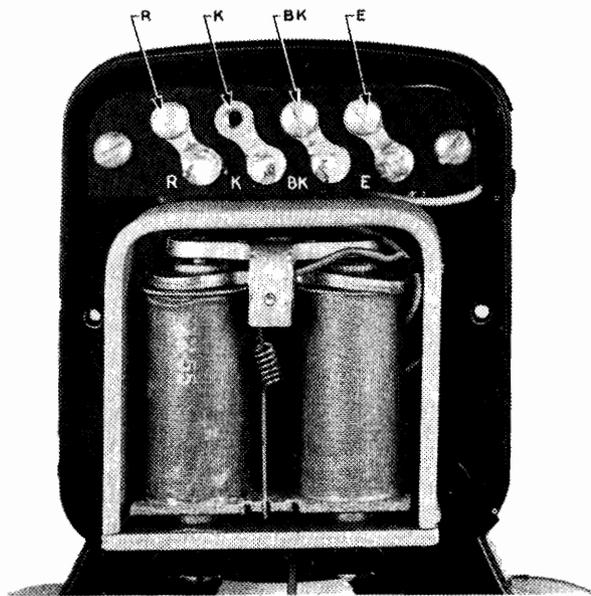


FIG. 1—392L

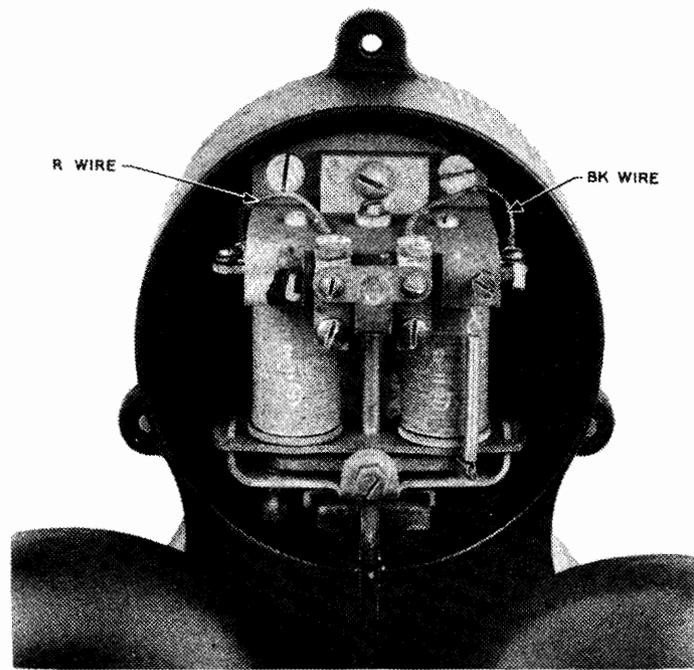


FIG. 2—592A

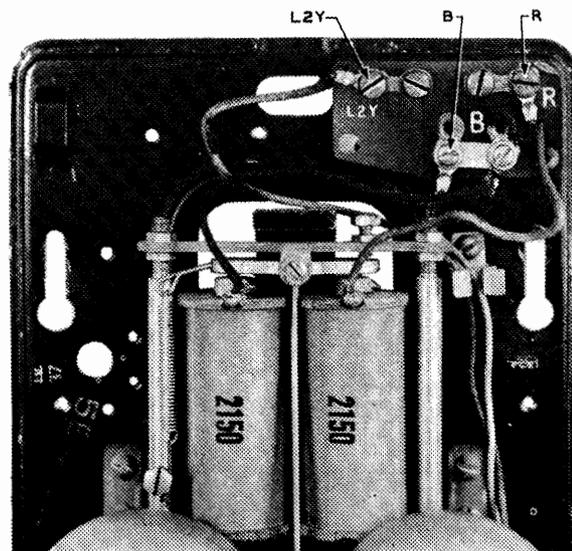
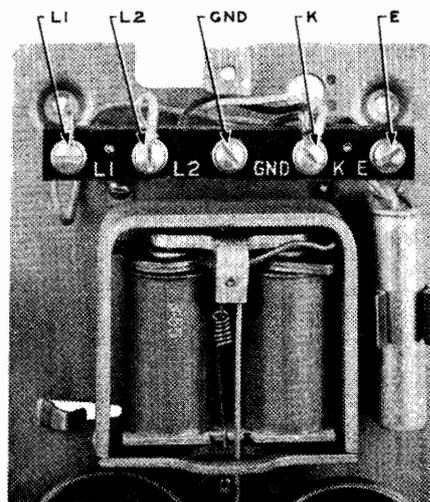
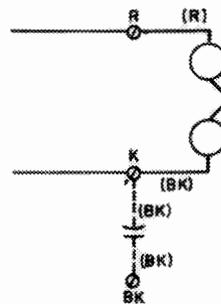


FIG. 4—584DE

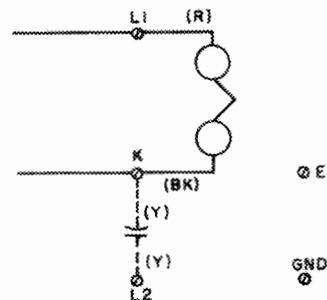
PARTY	INDIVIDUAL, COIN, OR OTHER BRIDGED STATIONS	RING STATIONS	TIP STATIONS
POSITION		1, 3, 5, 7, 9	2, 4, 6, 7, 10
LEAD	RING (R)	RING (R)	TIP (GN)
INSIDE WIRE FROM PROTECTOR OR LINE			
LEAD	(GN)* TIP	(Y)* GND	(Y)* GND



*Where capacitor is needed, connect BK instead of K.

FIG. 5—392L AND 592A SUBSCRIBER SET CONNECTIONS

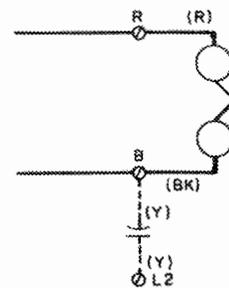
PARTY	INDIVIDUAL, COIN, OR OTHER BRIDGED STATIONS	RING STATIONS	TIP STATIONS
POSITION		1, 3, 5, 7, 9	2, 4, 6, 8, 10
LEAD	RING (R)	RING (R)	TIP (GR)
INSIDE WIRE FROM PROTECTOR OR LINE			
LEAD	(GN)* TIP	(Y)* GRD	(Y)* GRD



*Where capacitor is needed, connect L2 instead of K.

FIG. 6—531A SUBSCRIBER SET CONNECTIONS

PARTY	INDIVIDUAL, COIN, OR OTHER BRIDGED STATIONS	RING STATIONS	TIP STATIONS
POSITION		1, 3, 5, 7, 9	2, 4, 6, 8, 10
LEAD	RING (R)	RING (R)	TIP (GR)
INSIDE WIRE FROM PROTECTOR OR LINE			
LEAD	(GN)* TIP	(Y)* GND	(Y)* GND



*Where capacitor is needed, connect L2 instead of B.

FIG. 7—584DE AND DF SUBSCRIBER SET CONNECTIONS

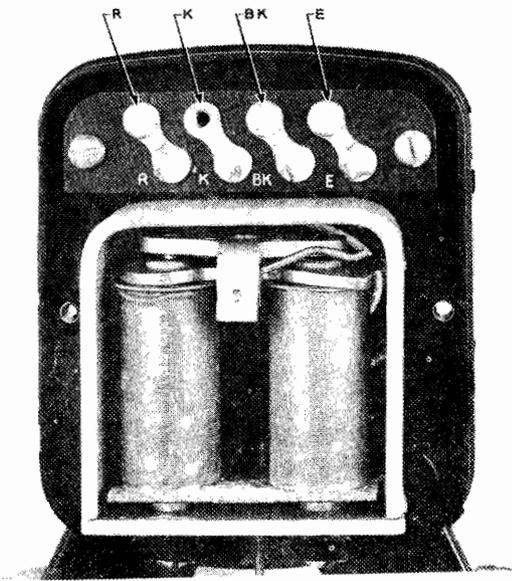


FIG. 8—592B

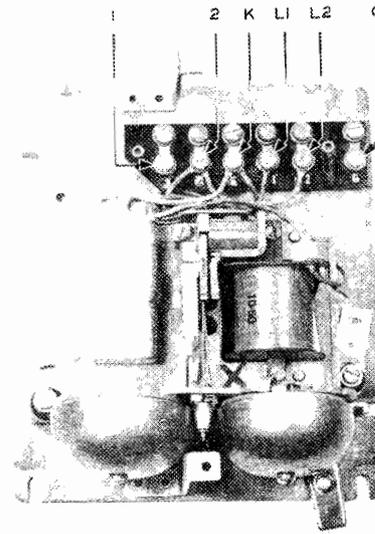
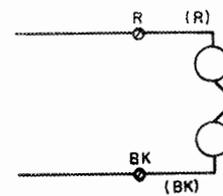
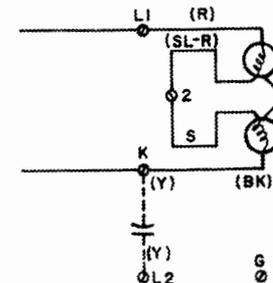


FIG. 9—687A

PARTY	INDIVIDUAL, COIN, OR OTHER BRIDGED STATIONS	RING STATIONS	TIP STATIONS
POSITION		1, 3, 5, 7, 9	2, 4, 6, 8, 10
LEAD	RING (R)	RING (R)	TIP (GN)
INSIDE WIRE FROM PROTECTOR OR LINE			
LEAD	(GN) TIP	(Y) GND	(Y) GND



PARTY	INDIVIDUAL, COIN, OR OTHER BRIDGED STATIONS	RING STATIONS	TIP STATIONS
POSITION		1, 3, 5, 7, 9	2, 4, 6, 8, 10
LEAD	RING (R)	RING (R)	TIP (GN)
INSIDE WIRE FROM PROTECTOR OR LINE			
LEAD	(GN)* TIP	(Y)* GRD	(Y)* GRD



*Where capacitor is needed, connect L2 instead of K.

FIG. 11—687A SUBSCRIBER SET CONNECTIONS