

## SUBSCRIBER SETS—634YE

### LOCAL BATTERY — CONNECTIONS

#### 1.00 INTRODUCTION

This section covers the combination of apparatus, circuit diagram, and connections for the 634YE subscriber set when associated with coin collectors for local battery talking — common battery signaling service.

#### 2.00 GENERAL

**2.01** The 634YE subscriber set is used on long loops where the loop resistance or ground potential makes it impractical to employ standard coin collector connections.

**2.02** Use of this set is dependent upon the type and arrangement of the central office equipment to which the station is connected, and it should not be used without proper authorization in the form of service order or other instructions.

**2.03** The 634YE subscriber set contains an *S36* relay which operates and connects the tip

and ring together at the station whenever coin current is applied to the line.

**2.04** The relay should not ordinarily require adjustment at the time of installation. If, however, the relay fails to operate satisfactorily, it should be readjusted or the set should be replaced.

#### 3.00 CONNECTIONS

**3.01** To connect the subscriber set to its associated coin collector, the appropriate circuit diagram herein should be matched with the circuit diagram on the foldout page in the section covering the connections for the coin collector. It should be noted that changes in the wiring of the subscriber set are required in some cases; therefore the connection table should be followed closely.

**3.02** Connections are given in Table C.

TABLE A  
COMBINATION OF APPARATUS

Sub. Set Code	Components			
	Induction Coil	Capacitor	Ringer	Relay
634YE	104A and 101B	194B, BB, and 198B; or 387A	B1AL	S36

**TABLE B**  
**ASSOCIATED APPARATUS**

Type of Service	Type of Coin Collector	
	Hand Set	Rcvr, Xmtr
Prepay Dial or Manual 10-Cent Operation	174CL, DL, GL, HL 176CL, DL, GL, HL 191CL, DL, GL, HL	155CL, DL, GL, HL 166CL, DL, GL, HL

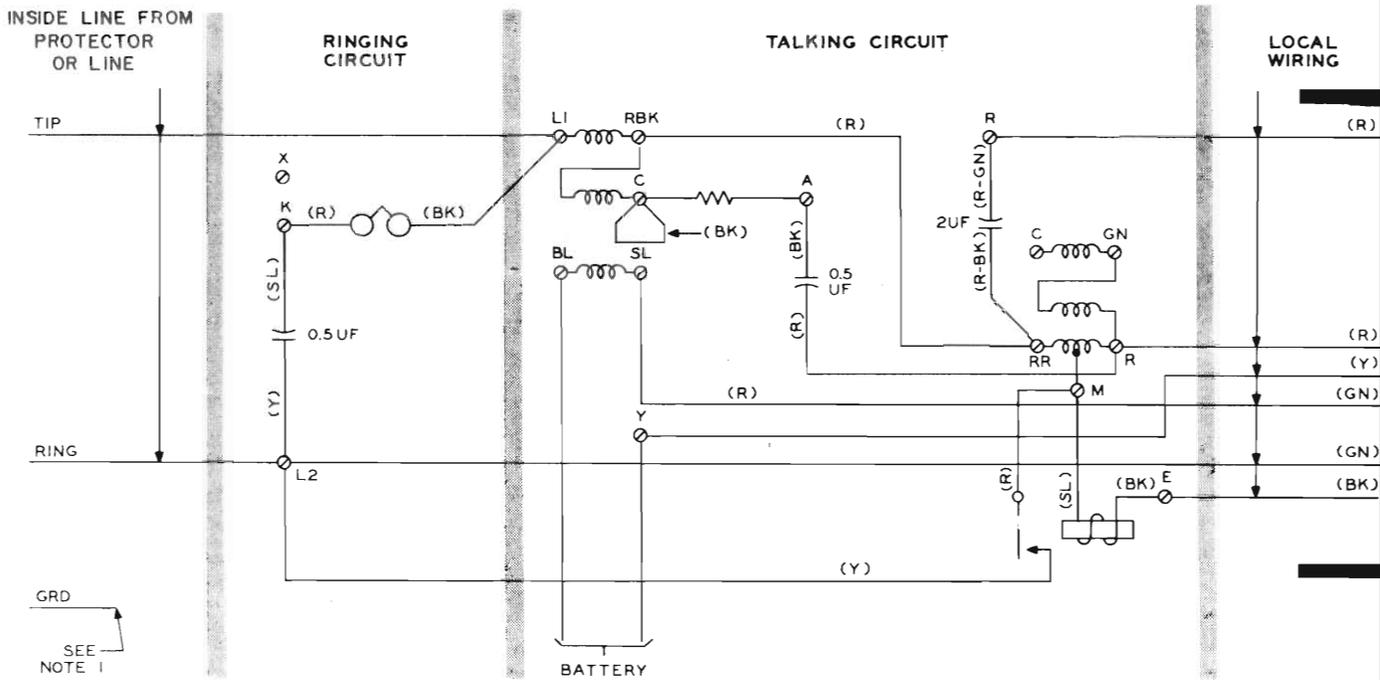
**TABLE C**  
**CONNECTIONS**

Wire or Lead		Terminals on Sub. Set Used with Coin Collector	
		Type 155, 166, 174, or 176	Type 191
Inside Wire from Protector or Line	Ring	L2	L2
	Tip	L1	L1
	GND	*	*
Ringer Lead	R	K	K
	BK	L1	L1
Ringer Capacitor Lead	Y	L2	L2
	SL	K	K
Local Wiring to Coin Collector	R	R	R
	Y	Y	Y
	BK	E	E
	GN	L2	L2
	R	R	R
	Y	—	SL
	GN	—	—

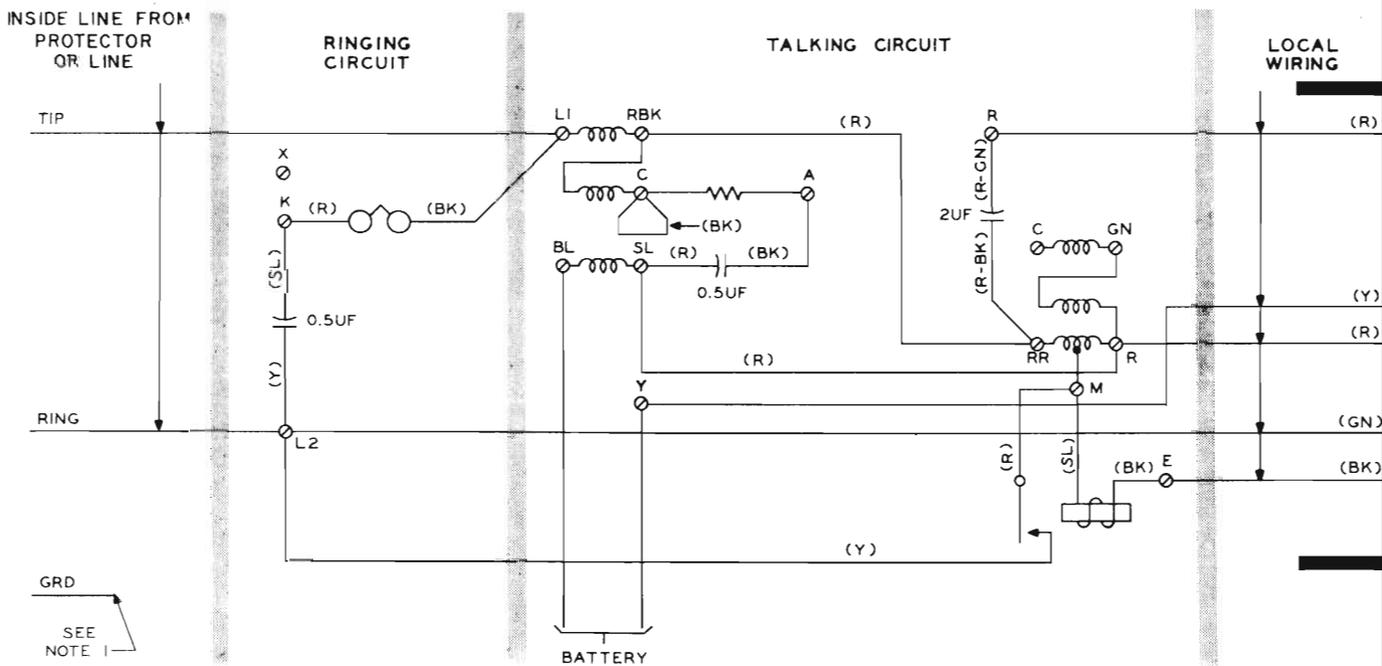
*Note:* The line wires need not terminate in the subscriber set as shown in the circuit diagram and connection table, but may terminate at the associated terminals in the coin collector when desired by the telephone company. However, in the 166- and 176-type coin collectors no terminal is available to terminate the ring conductor of the line wire.

\* Terminate on GND terminal of coin relay.

3.03 Circuit diagram of 634YE subscriber set when used with 191-type coin collector:



3.04 Circuit diagram of 634YE subscriber set when used with 155-, 166-, 174-, or 176-type coin collector:



Note 1: Terminate on GND terminal of coin relay.