

BELL SYSTEM PRACTICES
Station Installation and Maintenance

SECTION C64.243
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AT&T Co Provisional

MULTI-SLOT PREPAYMENT COIN COLLECTORS CONVERTED FOR 10¢ OPERATION LONG LOOP—L.B.T., C.B.S.—CONNECTIONS

1. GENERAL

1.01 This section covers the connections for 55, 155, 166 and 191-type coin collectors converted from 50, 150, 161 and 181-type coin collectors. The circuit diagrams shown herein are for long loop, local battery talking, common battery signalling stations. They are intended for use on long loops where the loop resistance or ground potential makes it impractical to employ the standard connections given in Section C64.242.

1.02 As the coin range of prepayment coin collectors at local battery talking, common battery signalling stations is dependent upon the type and arrangement of the central office equipment to which they are connected, these collectors should not be used at such stations without proper authorization in the form of a service order or other local instruction.

1.03 The standard common battery type and the old local battery talking, common battery signalling type coin collectors will require wiring changes when used in long loop, local battery talking, common battery signalling service. The 634YE subscriber set associated with the 55 and 191-type coin collector will also require a minor change in wiring. A local conductor may have to be added in the wire channel of the telephone booth between the coin collector and the subscriber set (6 or 7 required).

1.04 See Section C63.289 for data on battery feed filters.

2. ADJUSTMENT OF RELAY

2.01 The 634YE subscriber set contains a relay that operates to connect the tip and ring of the line together at the station whenever coin control current is applied to the line.

2.02 These subscriber sets are furnished with the S36 relay properly adjusted, and it should not ordinarily require adjustment at the time of installation. If the relay fails to operate satisfactorily, it should be readjusted or the subscriber set should be replaced. A 35C test set or the equivalent, may be used to readjust the relay in accordance with following data:

Test Set Preparation—Battery and Ground

Test Clip Data—Connect Battery to M
—Connect Ground to E

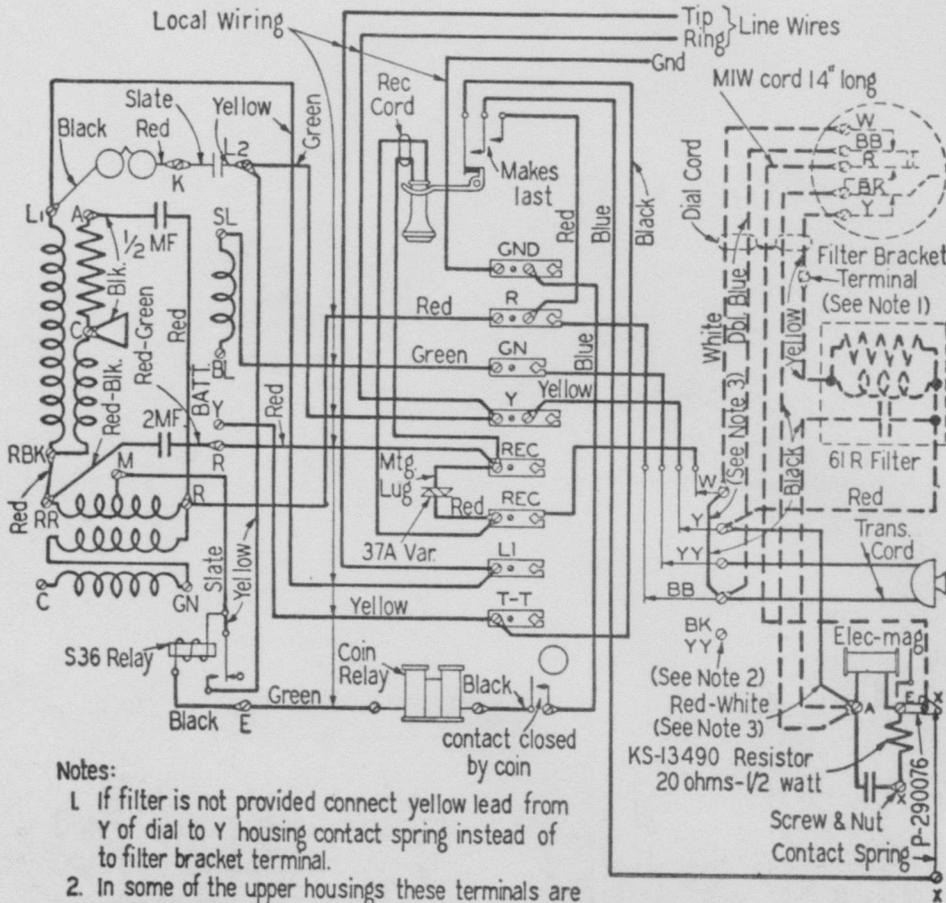
Direct Current Flow Requirements

Operate—Test 47.0 M.A. Readjust 44.5 M.A.

Non-operate—Test 37.5 M.A. Readjust 39.5 M.A.

Note: **For Operate Requirements** slowly increase currents to above values using a battery supply of not less than 3 volts.

3. LOCAL BATTERY TALKING, COMMON SIGNALLING STATIONS

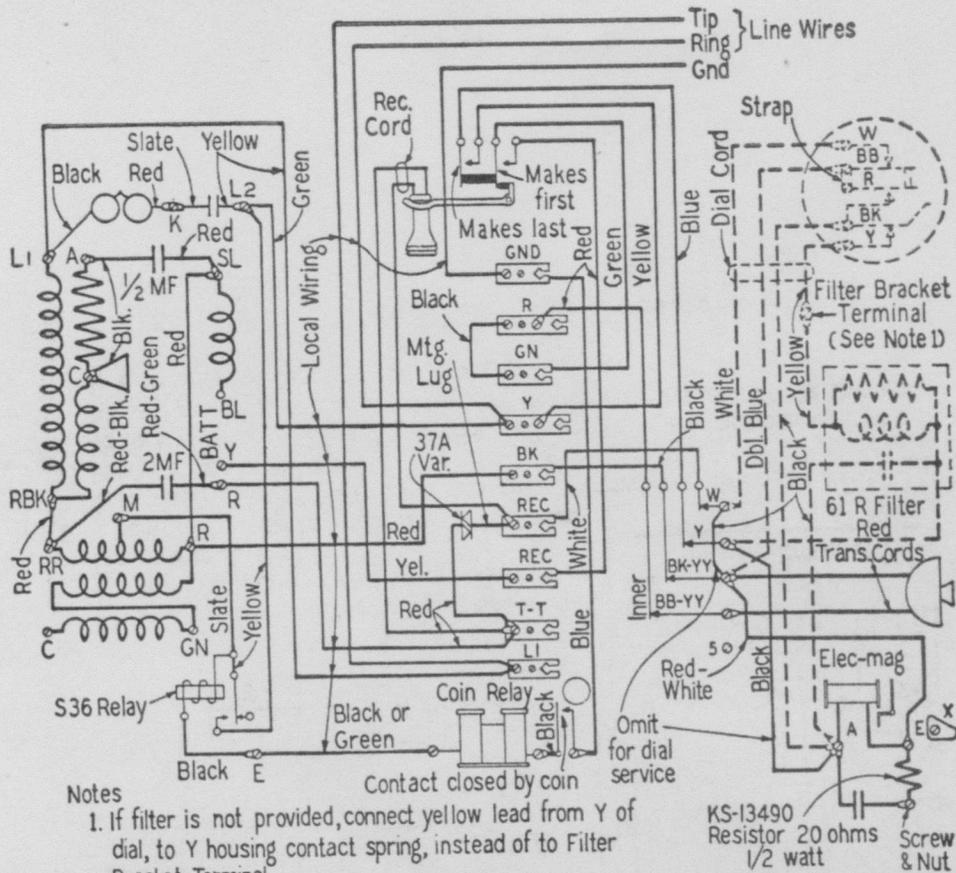


Notes:

1. If filter is not provided connect yellow lead from Y of dial to Y housing contact spring instead of to filter bracket terminal.
2. In some of the upper housings these terminals are designated W, Y, BK-YY, BB-YY and 5 respectively. (Terminal 5 not always furnished)
3. Remove straps for dial service.
4. Yellow lead between relay and Y terminal on connecting block furnished on common battery coin collectors, is removed for long loop service. This lead may be connected to Y terminal and taped at other end.

Fig. 1—55CL, DL, GL and HL Coin Collectors with 634YE Subscriber Set

PREPAY. COIN
COLLECTORS—
CONVERTED FOR
C64.243 10¢ OPERATION
L.B.T., C.B.S.—
Page 3 CONNECTIONS



Notes

1. If filter is not provided, connect yellow lead from Y of dial, to Y housing contact spring, instead of to Filter Bracket Terminal.
2. Yellow lead between relay and Y terminal on connecting block furnished on common battery coin collectors, is removed for long loop service. This lead may be connected to Y terminal and taped at other end.

Fig. 2—155CL, DL, GL and HL Coin Collectors with 634YE Subscriber Set

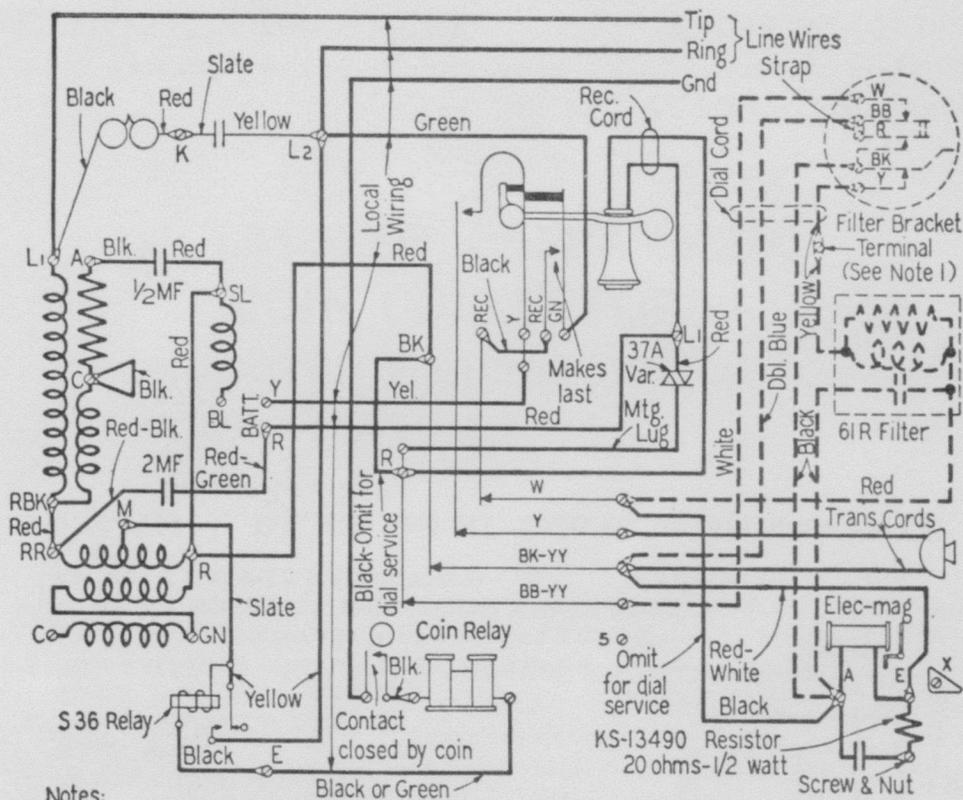
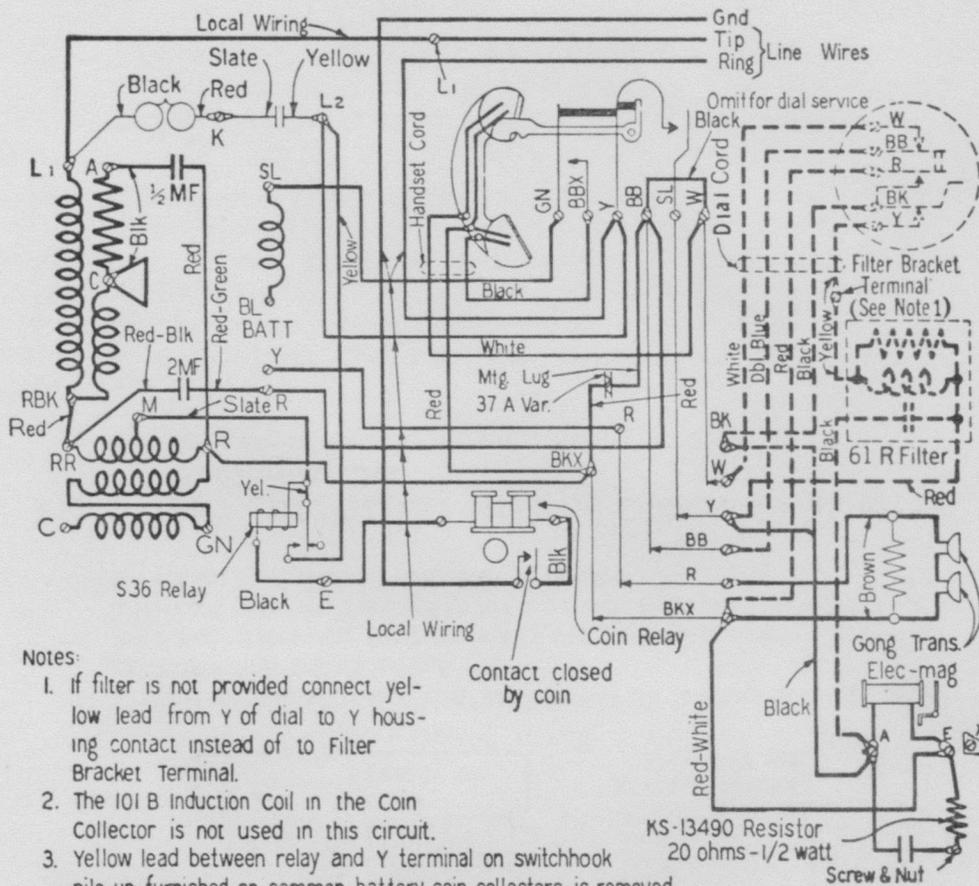


Fig. 3—166CL, DL, GL and HL Coin Collectors with 634YE Subscriber Set



Notes:

1. If filter is not provided connect yellow lead from Y of dial to Y housing contact instead of to Filter Bracket Terminal.
2. The 101B Induction Coil in the Coin Collector is not used in this circuit.
3. Yellow lead between relay and Y terminal on switchhook pile-up, furnished on common battery coin collectors, is removed for long loop service. If this lead is connected to Y or GN terminal and taped at other end, it should be removed.

Fig. 4—191CL, DL, GL and HL Coin Collectors with 634YE Subscriber Set