

A.E. CO. LPB82-SERIES COIN TELEPHONE SETS
CONNECTIONS

1. GENERAL

1.01 This section provides connection drawings for LPB82-series coin telephone sets. These are prepay instruments with the components of a varistor-regulated transmission network distributed among the wires in the cable form and connected to an induction coil having screw terminals. Sets manufactured after July, 1967, are equipped with a single-coil coin relay assembly, as shown in the main body of each drawing. Those of earlier manufacture use the original two-coil assembly shown as an alternate; either may be found on rebuilt instruments.

1.02 Figure 1 shows the wiring of the LPB82 set for single-nickel service in dial or manual offices, and Figure 2 the wiring of the LPB82-55 set, which requires a dime or two-nickel deposit. Figure 3 applies to a small number of factory-built and to shop-rebuilt sets based on the LPB82-55 (dial) assembly, but provided with a Touch Calling unit mounted in a stainless steel extension housing over the normal dial location. Figure 4 covers LPB82-55 instruments modified for mounting behind a Type 101 panel, and Figure 5 the same assembly arranged for Touch Calling service.

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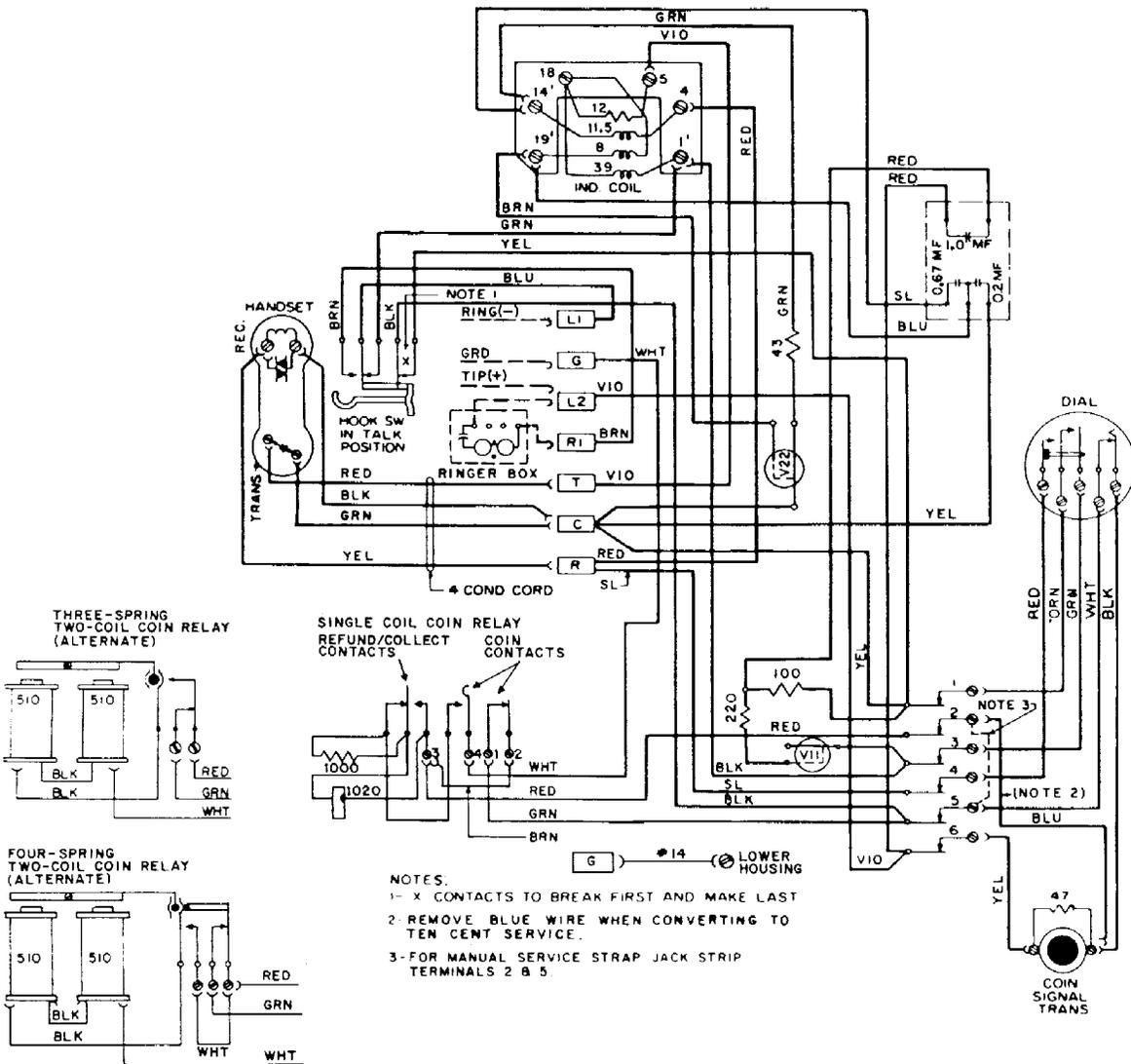


Figure 1. Wiring Diagram, LPB82 Coin Telephone Set.

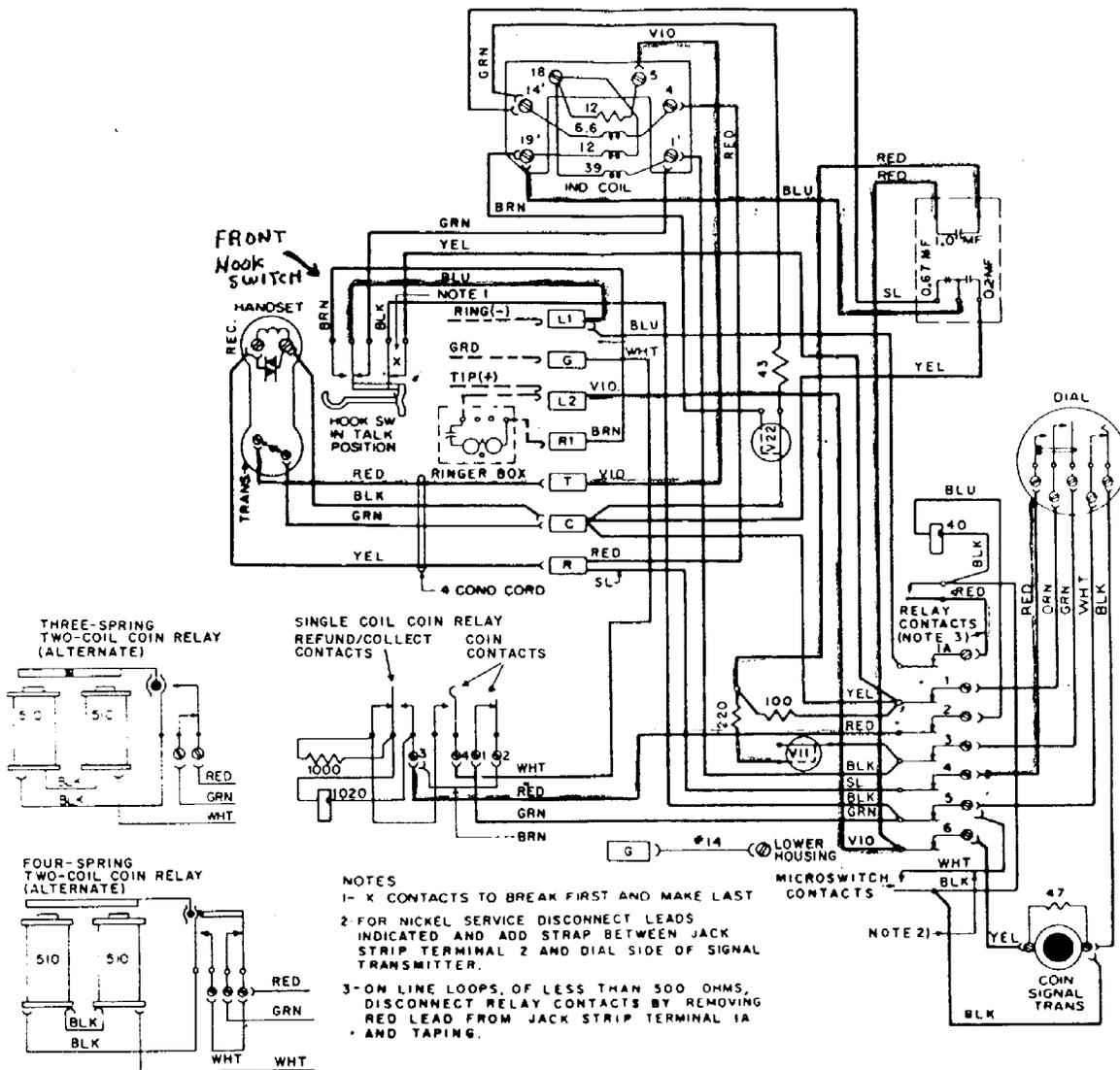


Figure 2. Wiring Diagram, LPB82-55 Coin Telephone Set.

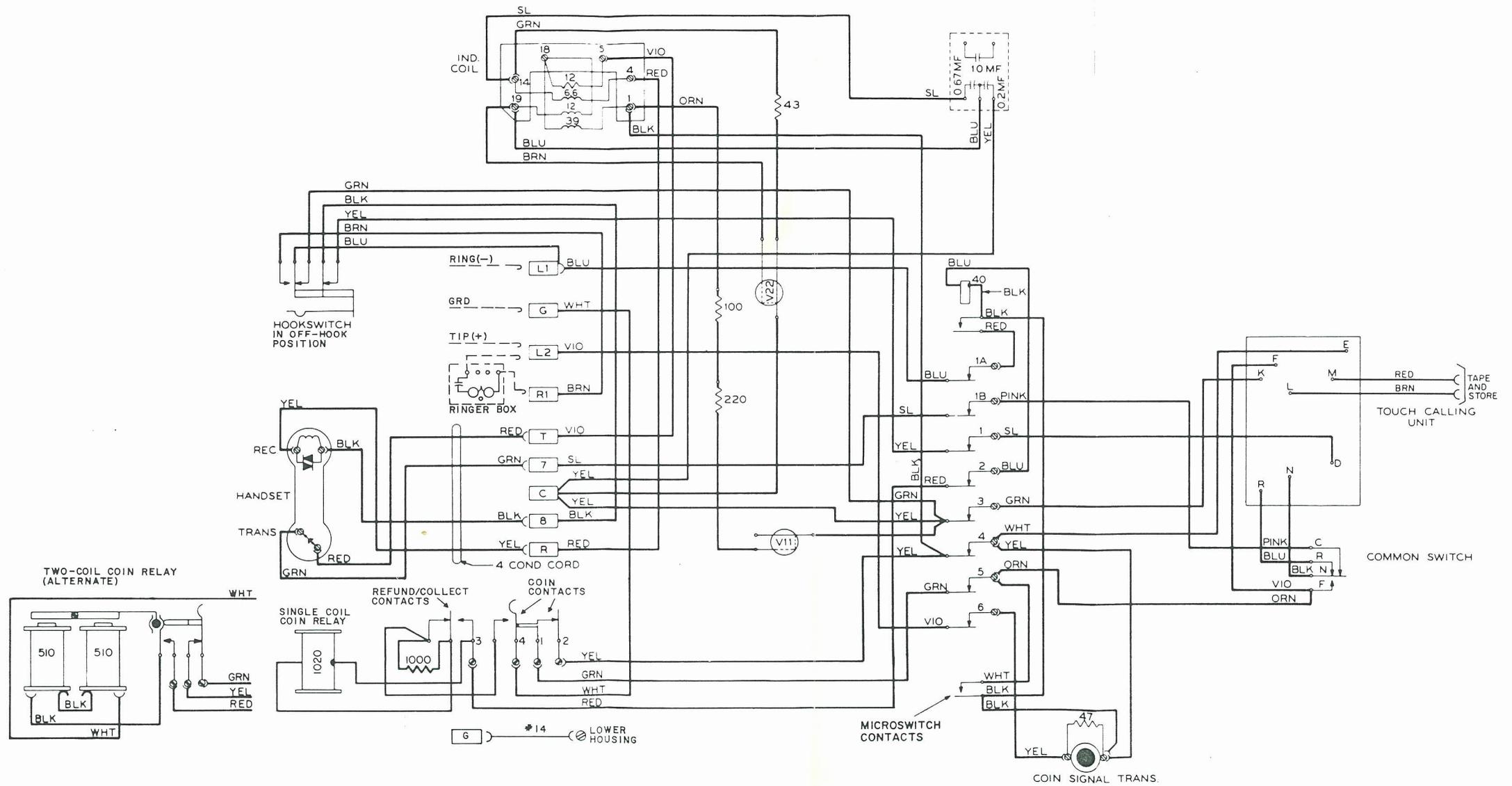
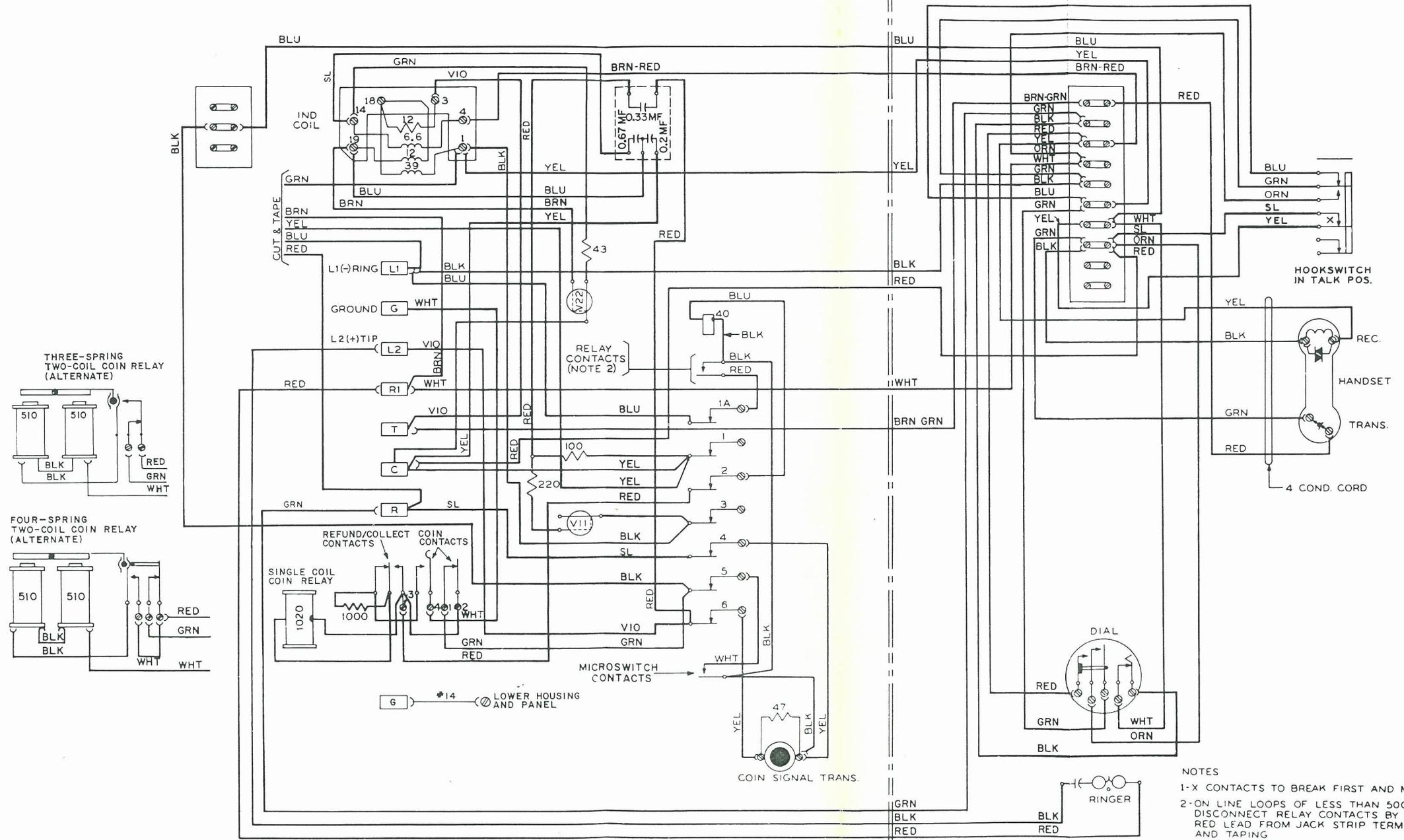


Figure 3. Wiring Diagram, LPB82-55 Coin Telephone Set for Touch Calling Service.

COIN TELEPHONE SET

PANEL

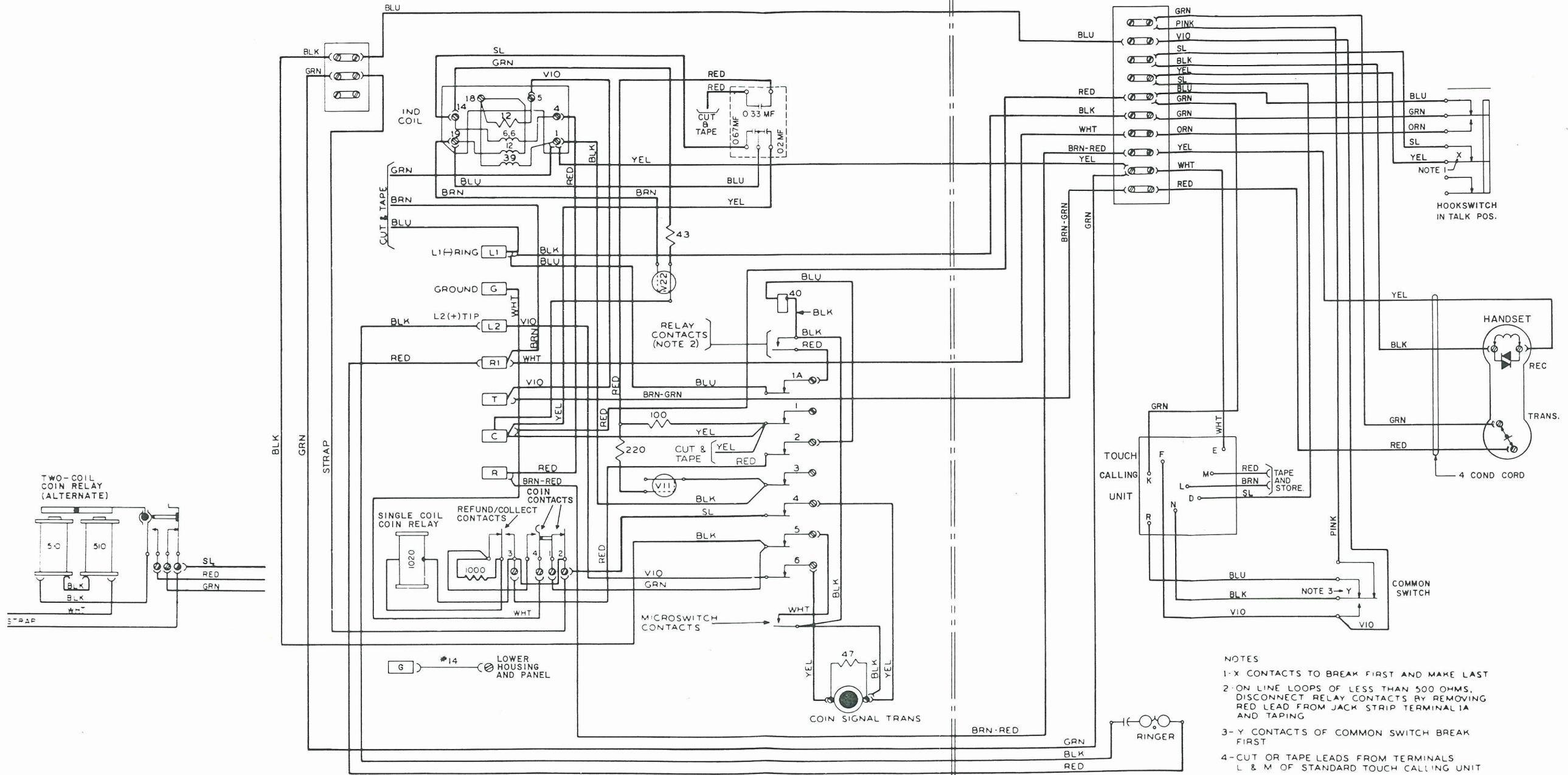


NOTES
 1-X CONTACTS TO BREAK FIRST AND MAKE LAST
 2-ON LINE LOOPS OF LESS THAN 500 OHMS,
 DISCONNECT RELAY CONTACTS BY REMOVING
 RED LEAD FROM JACK STRIP TERMINAL 1A
 AND TAPING

Figure 4. Wiring Diagram, LPB82-55 Coin Telephone Set Modified for Use With Type 101 Panel.

COIN TELEPHONE SET

PANEL



- NOTES
- 1-X CONTACTS TO BREAK FIRST AND MAKE LAST
 - 2-ON LINE LOOPS OF LESS THAN 500 OHMS, DISCONNECT RELAY CONTACTS BY REMOVING RED LEAD FROM JACK STRIP TERMINAL 1A AND TAPING
 - 3-Y CONTACTS OF COMMON SWITCH BREAK FIRST
 - 4-CUT OR TAPE LEADS FROM TERMINALS L & M OF STANDARD TOUCH CALLING UNIT

Figure 5. Wiring Diagram, LPB82-55 Coin Telephone Set Modified for Use With Type 101 Panel in Touch Calling Service.