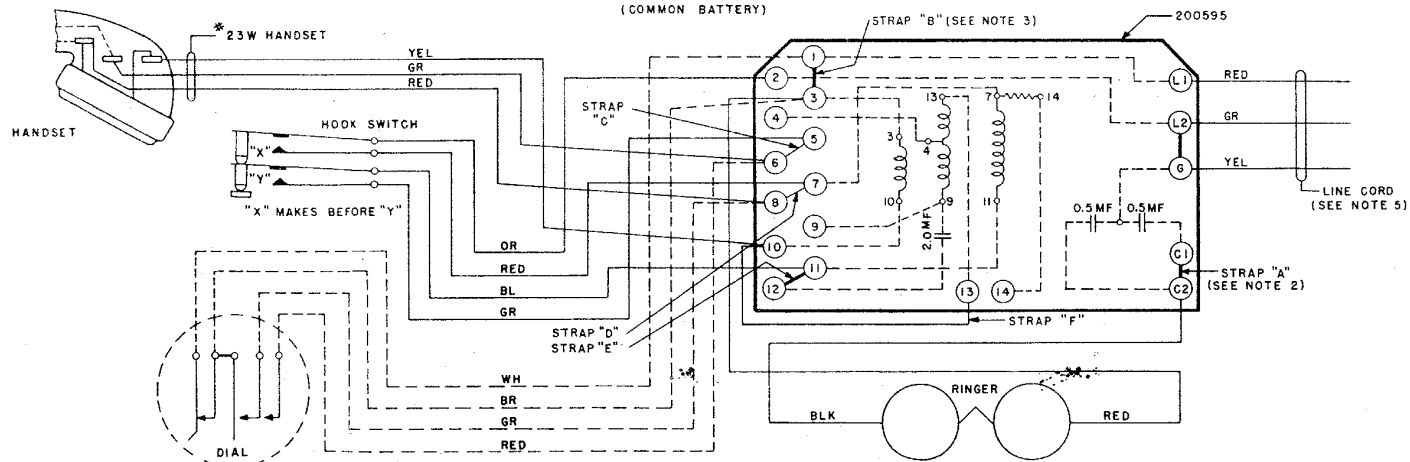


# STROMBERG-CARLSON CO. WIRING AND CONNECTIONS FOR BRIDGED RINGING FOR 1243 AND 1250 TELEPHONES

RINGER CODES A, S, E, F, G, H, N, K, L, M, P, R, I, J  
(COMMON BATTERY)



## NOTES

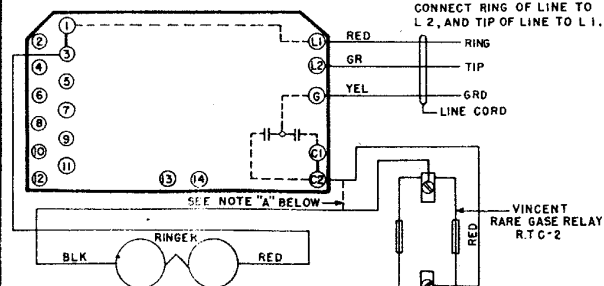
1. IN BRIDGED RINGING, WHERE IT IS NECESSARY TO PREVENT TAPPING OF GONGS ON NO. 61 TYPE RINGERS WHILE DIALING, POSITIVE BATTERY SHOULD BE CONNECTED TO L-2 AND BIAS SPRING TENSION ADJUSTED AS REQUIRED.
2. WHEN NO. 61-S RINGER IS USED, REMOVE STRAP "A".
3. TO CONVERT FROM MANUAL TO DIAL TYPE, REMOVE STRAP "B" AND WIRE DIAL CABLE AS SHOWN BY DOTTED LINES. IF A DIAL WITHOUT CABLE IS USED, ORDER ONE 35861 CABLE FROM STROMBERG CARLSON COMPANY.
4. TO CONVERT TO 1247 OBTAIN 200604 INDUCTION COIL AND REVISE PER CIRCUIT 2, No. 205833.
5. YELLOW CONDUCTOR IS NOT TO BE GROUNDED IN BRIDGED RINGING. NO LINE CORD IS FURNISHED IN 1250 TELEPHONES.
6. ON SHORT LOOPS (ABOUT 200" D.C. RES. OR LESS) FOR REDUCED SIDETONE, CONNECT STRAP "D" BETWEEN 8 AND 9 AND "F" BETWEEN 10 AND 14. CONNECT RED OF HOOKSWITCH TO 9 AND BLUE OF HOOKSWITCH TO 4.
7. INSTRUCTIONS FOR CONVERSION TO TWO-STEP HOOKSWITCH TYPE TELEPHONE:  
BEND TAB ON NAMEPLATE LEVER INWARD.  
CONNECT BLUE OF HOOKSWITCH TO 10.  
\*CONNECT GREEN OF HANDSET TO 11. LEAVE ON 6, IF W.E. DIAL IS USED.  
\*CONNECT YELLOW OF HANDSET TO 5.  
\*CONNECT RED OF DIAL TO 11, IF STANDARD DIAL IS USED.
8. INSTRUCTIONS FOR USE OF W.E. 4H OR 5H DIAL:  
REMOVE STRAP 5 TO 6.  
CONNECT W ON DIAL TO 6.  
\*CONNECT BK ON DIAL TO 5 OR TO 11, IF TWO-STEP HOOKSWITCH IS USED.  
CONNECT R ON DIAL TO 8.  
CONNECT BK ON DIAL TO 3.  
CONNECT Y ON DIAL TO 11.

## 1A LINE, RINGER AND VINCENT RARE GAS RELAY CONNECTIONS.

## DIVIDED CIRCUIT RINGING CONNECTIONS FOR 1243, AND 1250 TELEPHONES

### 1B LINE, RINGER AND 333-A TUBE CONNECTIONS. (RINGER CODE TA)

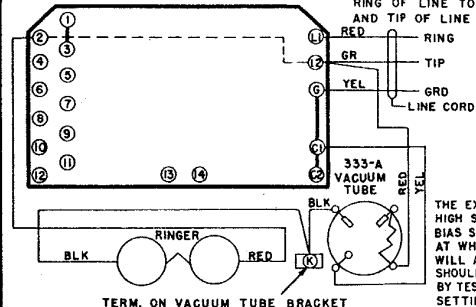
### 1C



"A" WHEN VINCENT RELAY IS NOT USED (I.E. FOR CODE WITHOUT V)  
CONNECT BLK OF RINGER TO C-2

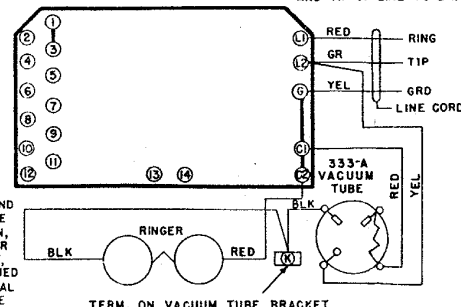
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### 1B



TERM. ON VACUUM TUBE BRACKET

THE EXTREME LOW AND HIGH SETTING OF THE BIAS SPRING TENSION, AT WHICH THE RINGER WILL ALWAYS START, SHOULD BE DETERMINED BY TEST AND THE FINAL SETTING SHOULD BE MIDWAY BETWEEN THESE EXTREMES.



TERM. ON VACUUM TUBE BRACKET

CONNECTIONS FOR -TIP STATION, FOR -RING STATION CONNECT TUBE AND RINGER LEADS AS SHOWN, BUT CONNECT RING OF LINE TO L-2 AND TIP OF LINE TO L-1.

8. INSTRUCTIONS FOR USE OF W.E. 4H OR 5H DIAL:  
REMOVE STRAP 5 TO 6.  
CONNECT W ON DIAL TO 6.  
\*CONNECT BK ON DIAL TO 5 OR TO 11, IF TWO-STEP HOOKSWITCH IS USED.  
CONNECT R ON DIAL TO 8.  
CONNECT BK ON DIAL TO 3.  
CONNECT Y ON DIAL TO 11.

ON CIRCUITS A, B, & C NOTE CHANGES IN STRAPPING.