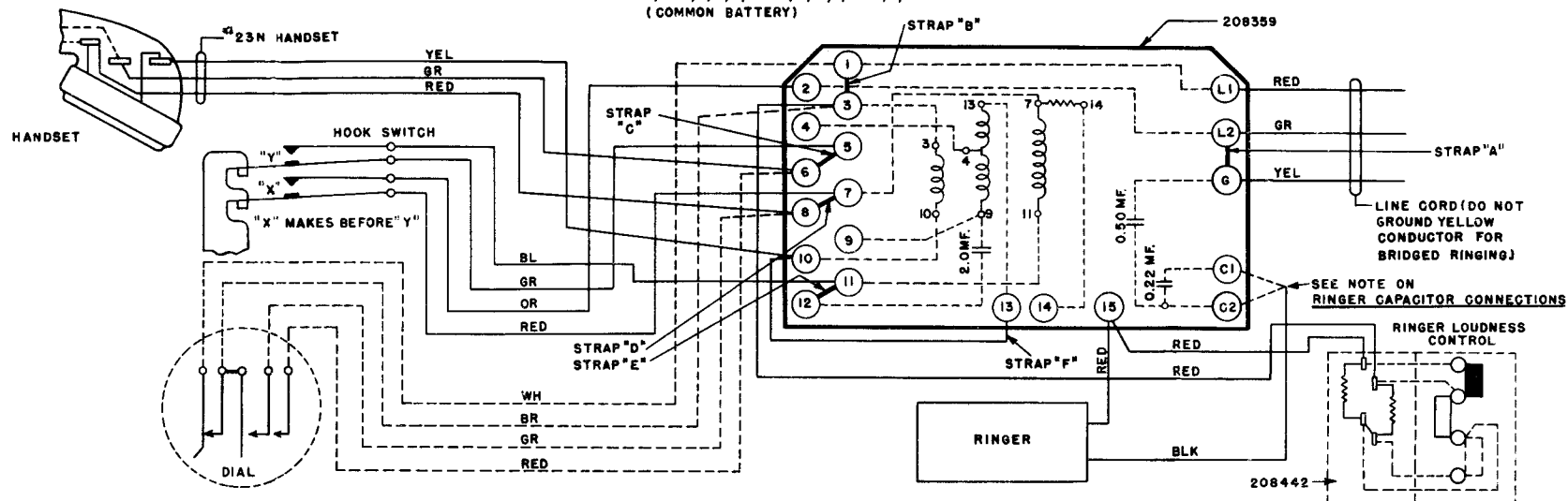


# STROMBERG-CARLSON CO. WIRING AND CONNECTIONS FOR BRIDGED RINGING FOR 1443 TELEPHONES.

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



## DIVIDED CIRCUIT RINGING

REMOVE STRAP 'A'. CONNECT RING OF LINE TO L-1 AND TIP OF LINE TO L-2 FOR ALL STATIONS ON RING SIDE OF LINE. CONNECT RING OF LINE TO L-2 AND TIP OF LINE TO L-1 FOR ALL STATIONS ON TIP SIDE OF LINE. GROUND YELLOW CONDUCTOR OF LINE CORD.

## RINGER CAPACITOR CONNECTIONS

### BRIDGED AND DIVIDED

RINGER CODE	CAPACITOR (MFD)	JUMPER	CONNECT BLACK RINGER LEAD TO
B,E,R,I	0.72	C1 TO G	C2
A,N	0.50	NO CONN.	C2
K,F	0.22	C2 TO G	C1
Q,L,G,M,J,P,H	0.15	NO CONN.	C1

## TAPPING OF GONGS

IN BRIDGED RINGING WHERE IT IS NECESSARY TO PREVENT TAPPING OF GONGS ON BIASED RINGERS WHILE DIALING, POSITIVE BATTERY SHOULD BE CONNECTED TO L-2 AND THE BIAS SPRING TENSION ADJUSTED AS REQUIRED.

## MANUAL TO DIAL CONVERSION

REMOVE STRAP 'B' AND WIRE DIAL CABLE AS SHOWN BY DOTTED LINES. IF A DIAL WITHOUT CABLE IS USED, ORDER ONE 207687 CABLE FROM STROMBERG CARLSON COMPANY.

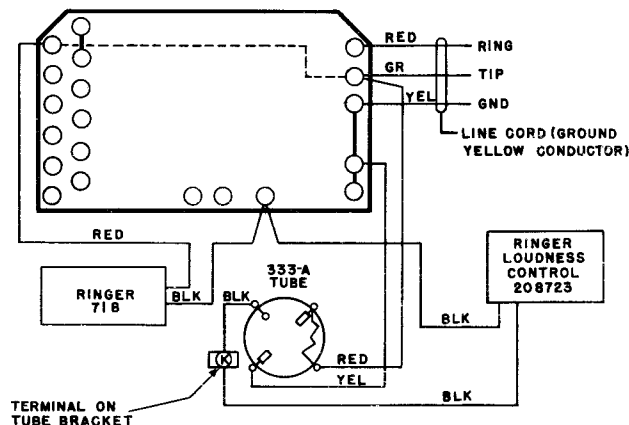
## REDUCED SIDETONE ON SHORT LOOPS (200 OHMS DC RESISTANCE OR LESS)

- CONNECT STRAP 'D' BETWEEN 8 AND 9.
- CONNECT STRAP 'F' BETWEEN 10 AND 14.
- CONNECT RED OF HOOKSWITCH TO 9.
- CONNECT BLUE OF HOOKSWITCH TO 4.

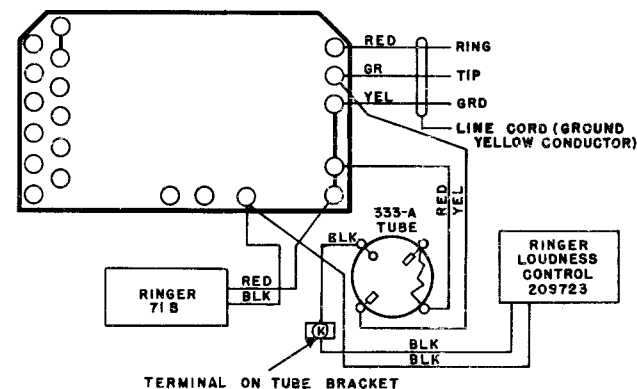
## DIVIDED RINGING, PLUS AND MINUS RINGER SELECTION USING #333A TUBES.

### CONNECTIONS FOR BIASED RINGER, LINE AND TUBE. (CODE "BT")

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.



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



## RINGER LOUDNESS CONTROL

FOR BIASED RINGERS, ADJUST THE BIAS SPRING TENSION TO THE MAXIMUM VALUE THAT WILL YIELD A SATISFACTORY RING IN ALL THREE POSITIONS (LO, M, HI) OF THE LOUDNESS CONTROL.

ADJUST THE GONG SEPARATION AS REQUIRED TO OBTAIN A SATISFACTORY RING IN ALL THREE POSITIONS OF THE LOUDNESS CONTROL.

ON HEAVILY LOADED PARTY LINES A SATISFACTORY RING MAY NOT RESULT WITH THE LOUDNESS CONTROL SWITCH SET AT "LO". THE CONTROL THEN MUST BE WIRED OUT BY MOVING RED RINGER LEAD TO TERMINAL 3.