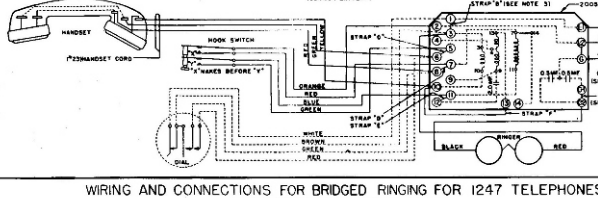
1 WIRING AND CONNECTIONS FOR BRIDGED RINGING FOR 1243 AND 1250 TELEPHONES.

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

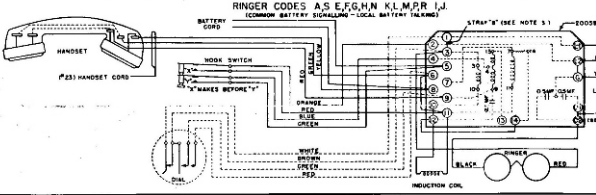


NOTES

1 IN BRIDGED RINGING, WHERE IT IS NECESSARY TO PREVENT TAPPING OF CORDS ON NO 80 TYPE RINGERS WHILE DIALING, POSITIVE BATTERY SHOULD BE CONNECTED TO L2 AND BIAS SPRING TENSION ADJUSTED AS REQUIRED.
2 WHEN NO. 81-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 CO.
4 TO CONVERT TO 1247 OMIT 200804 INDUCTION COIL AND NO 2J CORD AND REVISE PER CIRCUIT 2.
5 TO CONVERT TO 1243 OBTAIN PACKAGE ASSEMBLY 201357 AND CONVERT AS SHOWN IN NOTE 3 ABOVE.
6 YELLOW CONDUCTOR IS NOT TO BE GROUNDED IN BRIDGED RINGING. NO LINE CORD IS FURNISHED IN 1250 TELEPHONES.
7 ON SHORT LOOPS (ABOUT 200 D.C. RES OR LESS) FOR REDUCED SIDETONE, CONNECT STRAP "C" BETWEEN 6 AND 8 AND STRAP "D" BETWEEN 10 AND 12. CONNECT RED OF HOOKSWITCH TO 9 AND BLUE OF HOOKSWITCH TO 4.
8 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 8, IF W.E. DIAL IS USED.
CONNECT RED OF HANDSET TO 9.
CONNECT RED OF DIAL TO 11 IF STANDARD DIAL IS USED.
9 INSTRUCTIONS FOR USE OF W.E. 4H OR 5H DIAL.
REMOVE STRAP 8 TO 9.
CONNECT W ON DIAL TO 8.
CONNECT BK ON DIAL TO 5 OR TO 11, IF TWO-STEP HOOKSWITCH IS USED.
CONNECT R ON DIAL TO 9.
CONNECT BR ON DIAL TO 4.
CONNECT Y ON DIAL TO 10.
10 WITH NOTE 9 IN USE, CONNECTIONS SPECIFIED TO TERMINAL 11, IN NOTES 7 AND 8, SHOULD BE MADE TO TERMINAL 4.

2 WIRING AND CONNECTIONS FOR BRIDGED RINGING FOR 1247 TELEPHONES.

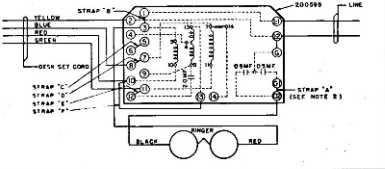
RINGER CODES A,S E,F,G,H,N K,L,M,P,R I,J.
(COMMON BATTERY SIGNALING - LOCAL BATTERY TALKING)



1 IN BRIDGED RINGING, WHERE IT IS NECESSARY TO PREVENT TAPPING OF BONDS ON NO 82 TYPE RINGERS WHILE DIALING, POSITIVE BATTERY SHOULD BE CONNECTED TO L2 AND BIAS SPRING TENSION ADJUSTED AS REQUIRED.
2 WHEN NO 82-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 CO.
4 YELLOW OF LINE CORD IS NOT TO BE GROUNDED IN BRIDGED RINGING
5 FOR REDUCED SIDETONE ON LONG NON-LOADED CABLE LOOPS OMIT STRAP 14 TO 16 AND CONNECT A 203595 ASSEMBLY BETWEEN TERMINALS 7 AND 12.
6 TO CONVERT TO 1243 OMIT 200804 INDUCTION COIL AND NO 2J CORD AND REVISE PER CIRCUIT 2.
TO CONVERT TO 1241 OMIT 200804 INDUCTION COIL AND OBTAIN 201357 PACKAGE ASSEMBLY. REVISE PER CIRCUIT 5.
7 TWO-STEP HOOKSWITCH OPERATION MAY BE USED WITHOUT CIRCUIT CHANGE.
8 INSTRUCTIONS FOR USE OF W.E. 4H OR 5H DIAL.
REMOVE STRAP 8 TO 9.
CONNECT W ON DIAL TO 8.
CONNECT BK ON DIAL TO 11
CONNECT R ON DIAL TO 9.
CONNECT BR ON DIAL TO 3.
CONNECT Y ON DIAL TO 1.

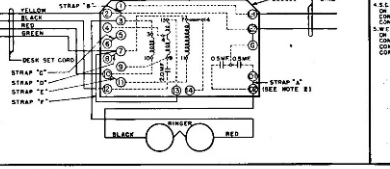
3A WIRING AND CONNECTIONS FOR 1260 DESK SET BOX WHEN USED WITH S-C DESK SETS USING 4 COND. CORD.

RINGER CODES A,S E,F,G,H,N K,L,M,P,R I,J. (BRIDGED RINGING)



3B WIRING AND CONNECTIONS FOR 1260 DESK SET BOX WHEN USED WITH W.E. DESK SETS USING 4 COND. CORD.

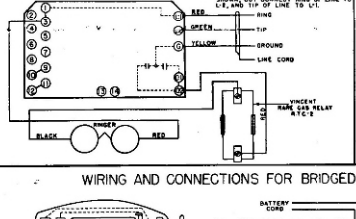
RINGER CODES A,S E,F,G,H,N K,L,M,P,R I,J. (BRIDGED RINGING)



3 IN BRIDGED RINGING WHERE IT IS NECESSARY TO PREVENT TAPPING OF BONDS ON NO 81 TYPE RINGERS WHILE DIALING, POSITIVE BATTERY SHOULD BE CONNECTED TO L2 AND BIAS SPRING TENSION ADJUSTED AS REQUIRED.
4 WHEN NO. 81-S RINGER IS USED, REMOVE STRAP "A".
5 THIS TELEPHONE MAY BE ADAPTED FOR ANY OF THE OTHER TYPES OF SERVICE SHOWN ON THIS DIAGRAM.
6 S.C. DESK SET—
ON SHORT LOOPS (ABOUT 200 D.C. RES OR LESS) FOR REDUCED SIDETONE, CONNECT STRAP "C" BETWEEN 8 AND 6 AND "D" BETWEEN 10 AND 12. CONNECT GREEN OF DESK SET CORD TO 4.
7 W.E. DESK SET—
ON SHORT LOOPS (ABOUT 200 D.C. RES OR LESS) FOR REDUCED SIDETONE, CONNECT STRAP "C" BETWEEN 10 AND 8 AND "D" BETWEEN 12 AND 14. CONNECT GREEN OF DESK SET CORD TO 4 AND BLACK OF DESK SET CORD TO 11.

4A LINE, RINGER AND VINCENT RARE GAS RELAY CONNECTIONS

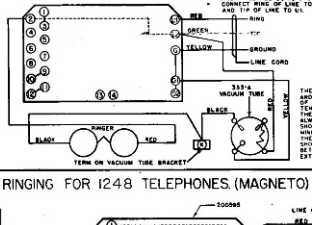
RINGER CODES VE, VF, VG, VH, VN, VK, VL, VM, VP, VR, E, F, G, H, N, K, L, M, P, R



DIVIDED CIRCUIT RINGING CONNECTIONS FOR 1243, 1247, 1250 & 1260 TELEPHONES.

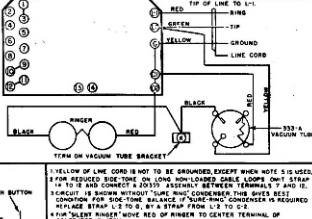
4B LINE, RINGER AND 333-A TUBE CONNECTIONS (RINGER CODE TA)

CONNECTIONS FOR 4 TIP STATION FOR 4 RING STATION CONNECT TUBE AND RINGER LEADS AS SHOWN, BUT CONNECT RING OF LINE TO L2 AND TIP OF LINE TO L1.

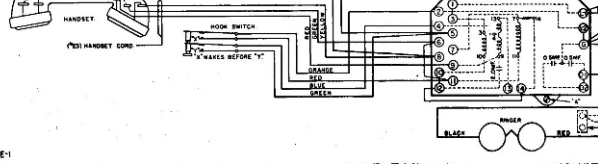


4C

CONNECTIONS FOR 4 TIP STATION FOR 4 RING STATION CONNECT TUBE AND RINGER LEADS AS SHOWN, BUT CONNECT RING OF LINE TO L2 AND TIP OF LINE TO L1.



5 WIRING AND CONNECTIONS FOR BRIDGED RINGING FOR 1248 TELEPHONES. (MAGNETO)



1 YELLOW OF LINE CORD IS NOT TO BE GROUNDED, EXCEPT WHEN NOTE 5 IS USED.
2 FOR REDUCED SIDETONE ON LONG NON-LOADED CABLE LOOPS OMIT STRAP 14 TO 16 AND CONNECT A 203595 ASSEMBLY BETWEEN TERMINALS 7 AND 12.
CIRCUIT IS SHOWN WITHOUT "SURE-RING" CONDENSER. THIS GIVES BEST CONDITION FOR SIDE-TONE BALANCE. IF "SURE-RING" CONDENSER IS REQUIRED WITH AGE STRAP L-2 TO 6, AT A STRAP FROM L-2 TO C-2.
3 FOR "SILENT RINGER" MOVE RED OF RINGER TO CENTER TERMINAL OF GENERATOR SWITCH.
4 FOR "NON-INTERFERING" PUSH BUTTON REPLACE DIAL BLANK WITH ASSEMBLY ALSO INSTALL 203570 TERMINAL BLOCK MOUNT UNDER MOUNTING SCREW AT REAR OF SET. THESE (WITH 2 CONNECTING WIRES) MAY BE OBTAINED IN PACKAGE ASSEMBLY 201358. CONNECT PER DOTTED WIRING. OMIT STRAP "A" CONNECTION.
5 FOR USE TWO-STEP HOOKSWITCH OPERATION, BEND TAB ON NAME PLATE LEVER INWARD. NO CIRCUIT CHANGE IS REQUIRED.
6 TO CONVERT TO 1243, REMOVE SUB-BASE, GENERATOR, AND NO. 2J CORD. REMOUNT 200595 AND RINGER AND REVISE PER CIRCUIT 2.
TO CONVERT TO 1247, REMOVE SUB-BASE AND GENERATOR. REMOUNT 200595 AND RINGER, ADD INDUCTION COIL 200804 AND REVISE PER CIRCUIT 2.